

St. Thomas College, Bhilai (C.G.)

Affiliated to Pt. Ravishankar Shukla University, Raipur (C.G.)

(Website: www.stthomascollegebhilai.in)

Self Study Report

NAAC - 3rd Cycle

Submitted to

**The National Assessment & Accreditation Council
Bengaluru**

December 2016

Patrons



Founder Bishop



St. Thomas



Manager Bishop

Vision

- The institute shall be committed in equipping the students with scholastic and non-scholastic skills to face the challenges of the modern world with a competitive spirit.
- To be a centre of academic excellence by providing quality education and inculcating and nurturing socio-cultural and moral values in the students.

Mission

- To raise undergraduate, post graduate students and research scholars to serve for academic excellence, professional competence, exemplary values and spiritual virtues.
- To have the state-of-the-art infrastructure facilities.
- To transfer appropriate technology to society and develop effective partnership with industries.
- To offer quality teaching and learning environment and help in the upliftment of the society.
- To disseminate new knowledge, and contribute to the economy, innovation and technology.

Steering Committee

Chairman IQAC: Dr. M. G. Roymon

Co-ordinator: Dr. Vinita Thomas

Assistant Co-ordinator: Dr. James Mathew

Section A: College Profile: Dr. Jyoti Bakshi

Section B: Criteria Wise Analytical Report

Criteria I: Curricular Aspects

Dr. Mariam Jacob

Dr. Aparna Ghosh

Criteria II: Teaching Learning and Evaluation

Dr. Shiny Mendonce

Dr. Sujata Koley

Mr. Mohan Patel

Criteria III: Research, Consultancy and Extension

Dr. Ashok Kumar Mishra

Dr. Bhuvana Venkatraman

Dr. Sonia Popli

Dr. Sandeep Bhawnani

Ms. Aditi Acharya

Criteria IV: Infrastructure and Learning Resources

Dr. Suja Varghese

Mr. Santosh Kumar Mirri

Mrs. Smita Suresh Daniel

Ms. K. Manju

Ms. Preeti Jain

Criteria V: Student Support and Progression

Dr. James Mathew

Dr. Chanda Verma

Dr. Ujjwala Supe

Dr. Ashish Bhui

Dr. Sheeja Thomas

Mrs. Deepti Santhosh

Criteria VI: Governance, Leadership and Management

Dr. Debjani Mukherjee

Dr. Susan R Abraham

Criteria VII: Innovative and Best Practices

Dr. Joyamma John

Dr. Jayasree Balasubramanian

PREFACE

Established in the year 1984, St. Thomas College was envisioned as an institution that would inculcate strong human values along with advanced knowledge so as to fulfil the motto of becoming a centre for learning where education is a commitment and the institution set the benchmark. The institution believes in the dictum that learning should be valuable and lasting. The founder, His Grace Stephanos Mar Theodosius advocated an all-round awakening on issues that threaten the world and stressed on the need for meaningful education. This guidance patronage and innovative drive is palpable in every facet.

The college is affiliated with Pt. Ravishankar Shukla University, Raipur and is managed by St. Thomas Malankara Orthodox Syrian Church Mission - the parent body that takes pride in managing quality educational institutions including secondary schools and an engineering college. The college has transformed itself from a very humble beginning into the most vibrant and happening college, leaving its peer way behind in almost all spheres - be it academics, sports, art and culture or discipline. The college is recognised as the best college in academics, sport and cultural activities. This college was the first to receive the **BEST COLLEGE** award for Performance Index of Affiliated Colleges of Pt. Ravishankar Shukla University, Raipur, initiated in the year 2013. This gave the impetus to all the activities of the college and motivated teachers to march towards excellence by redefining the teaching-learning process. The college has been producing number of University position holders every year.

As an institution of higher learning, the college is fully aware of its obligations towards stakeholder - a combination of student, parents, industry, policy makers and above all the larger social community within which the institution operates. The institution is committed to cater to the societal needs through well-defined goals and the dynamics of academic, research and extension services. The official and unofficial feedback received from the student, parent, alumni, educationists, managing committee and local community helps the college to move towards achieving excellence. The college does its best to provide holistic education to students and in doing so college aims to achieve a commitment for a better India.

Giving concrete shape to this mission is the faculty that represents vast professional experience across all disciplines thus ensuring that environment reciprocates the ever changing global scenario. While striving for academic excellence, the college develops attributes in the youth making them ready to work as an agency for building a more socially just and equitable society.

The IQAC and the Steering Committee have shouldered the responsibility in the preparation of this SSR. The administrative staffs of the college have

provided the best services while preparing the SSR. The college looks forward to a rewarding interaction with the NAAC Peer Team to reaccredit the institution.

It is my privilege to submit the SSR to the National Assessment and Accreditation Council, Bengaluru, for the 3rd cycle of reaccreditation of the college.

Dr. M. G. Roymon
Principal

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Executive Summary

St. Thomas College, a temple of learning, embarked on its voyage in 1984 in the city of Bhilai and was affiliated with Pandit Ravishankar Shukla University, Raipur in 1984 (migrated to Durg University, Durg since 2016) and has linkage with Kushabhau Thakre Patrakarita Avam Jansanchar Vishwavidyalaya, Raipur, C.G in 2012-13. The college has a unique position in the academic landscape of Chhattisgarh State as the only English Medium College in the region. Over the three decades, the college has developed into an ideal centre for higher education especially for the first generation learners. The college runs self-financed courses and is recognized by UGC under sections 2(f) and 12(B). The vision of the college is a commitment to guide students to achieve excellence through holistic education. Accordingly, the mission of the college is to mould students to be morally upright, socially committed, spiritually inspired by the motto of the institution “**The Way, The Life, The Truth**” and to be responsible citizens. The college also focuses on empowering students to be good leaders who will spread the light of knowledge, harmony and equality in all spheres of life. The activities of the college cater to these goals so that students imbibe these value systems.

The college was last accredited by NAAC in 2011 with Grade ‘B’, having obtained a score of 2.62 on a four-point scale. The college is now moving towards third cycle of accreditation. Adhering to the vision and mission, the institution continues to provide quality education to young minds and takes all possible efforts to motivate them by synchronizing tradition with modernity and blending holistic education with traditional courses. Apart from providing value based education and learning, the college strives hard to provide a congenial atmosphere for overall grooming and development of students by various co-curricular and extracurricular activities.

The criterion wise details are as follows:

CRITERION I- CURRICULAR ASPECTS

The college has traditional as well as advanced programmes with various programme options in both UG and PG in Arts, Science and Commerce. Programmes are directed at realizing the Mission and achieving the goals in keeping with the values propounded by the founders of parent organization St. Thomas Malankara Orthodox Syrian Church Mission. The college is affiliated to Pt. Ravishankar Shukla University, Raipur, Chhattisgarh (migrated to Durg University, Durg since 2016). The curriculum, admissions and evaluation processes are followed as per the norms and rules prescribed by the State Government and the University. The teachers participate in the process of restructuring of the syllabi as Members of Academic Boards and Board of Studies. Responding to the changing needs and market demands, the college offers programmes such as Biotechnology, Computer Science, Microbiology, Industrial Chemistry, Information Technology, Education,

Journalism and Mass Communication. In addition to the above, the college conducts a Foundation and Domain Certificate course of National University Student Skill Development (NUSSD), a nationwide skill development initiative designed and undertaken by the Tata Institute of Social Sciences (TISS) in collaboration with Ministry of Youth Affairs and Sports. Language laboratory plays an important role in language learning process. Therefore English language lab is established as it is required to have a good command of the language for effective and efficient communication.

The institution has 16 departments and offers 6 undergraduate programs in BSc (8 combinations), BA (2 combinations), BCom (2 combinations), BCA, BBA and BEd and 12 postgraduate programs MCom, MA in Economics and English, MSc in Botany, Biotechnology, Chemistry, Computer Science, Electronics, Microbiology, Mathematics and PGDCA. All postgraduate courses, BEd, BBA follow semester system whereas the rest follow annual pattern. The Department of Microbiology is an approved Research Centre where PhD program is undertaken. The institution monitors and evaluates the quality of its enrichment programmes through committees like Academic Council and Internal Quality Assurance Cell (IQAC). Apart from regular courses, classes on English Communication Skills and Personality Development are conducted on a regular basis.

The college develops and deploys a refined process for the effective implementation of curriculum. The Academic Calendar, Timetable and Workload distribution are done in advance to check the feasibility of delivering the syllabus in the stipulated time. Principal, Head of Department, Academic Council and IQAC monitors the effective implementation, execution, completion of syllabus and evaluation. Feedback from stakeholders regarding improvement is analysed and incorporated at the earliest.

CRITERION II: TEACHING - LEARNING AND EVALUATION

Over the past years the college has earned a reputation for excellent academic atmosphere that draws aspirants not only from the local urban but also from the remote rural areas of the state. Discipline is the hallmark and the USP is the liberal environment that prevails at all levels. There is no discrimination on the basis of caste, creed, culture or gender though it is a religious minority college.

The college also ensures complete transparency in the admission process. The rules and regulations regarding the admissions prescribed by the University are strictly followed. The college also follows reservation policy for SC/ST/OBC (excluding the creamy layer) candidates as per the notifications of CG Government Higher Education. An admission committee is constituted with subject counsellors which formulates detailed procedure for the review of admission process.

The college is consistently striving to introduce and update students with the latest changing trends in education. The technologies and facilities available are used by the faculty for effective teaching learning process. The college has made efforts to provide ‘**student-centric education**’, by supplementing the traditional learning practices, with the use of innovative learning techniques. This is made possible by:

- Conducting special tutorials for various subjects especially for the students residing in the girls hostel so as to bring them at par with other students.
- Special Teaching Assistance Programs (STAP) are conducted for helping the academically disadvantaged students by arranging revision lectures and practical in each subject/paper-wise and following a fixed schedule in between or after their classes.
- Challenging advanced learners to work ahead of the rest by teaching them referencing books of good authors and preparing them for higher studies and competitive exams.
- Enriching the learning experience of the students (Figure.1), through subject association activities, such as conferences, seminars, workshops, group discussions, guest lectures, lecture series, study tours, essay/ poster competitions and class presentations thus making the learning process more interactive and dynamic with greater participation of students.

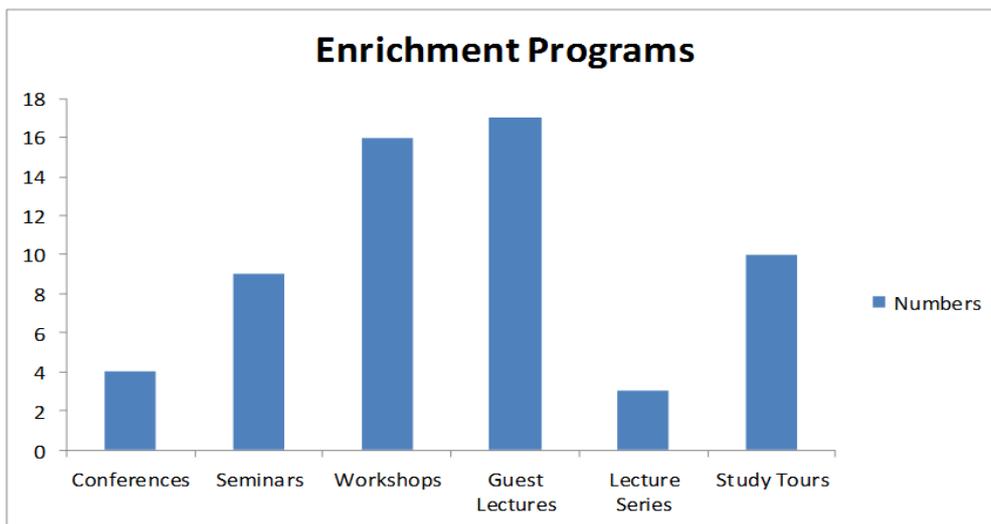


Figure-1: Enrichment programme organised in the college during 2011-12 to 2014-15

- Supplementing lectures with various teaching aids, such as demonstration, models, charts, slides and use of ICT. Teachers have developed their own e-resources in some subjects. To enhance the process of teaching-learning, newer ICT tools are made available to both the tutor and the taught. Students are encouraged to go beyond the

syllabus and achieve their optimal potential. They participate confidently in seminars, where they present posters/papers and involve themselves in research work, which inculcates a yearning for knowledge and a scientific temper.

- The management encourages professional growth of faculty by sanctioning leave/travel grants to teachers who are presenting papers in national and international conferences to upgrade their knowledge and skills. Staff members organize and present papers at the local, national and international seminars. The staff members attended 98 seminars/conferences/workshops and 142 papers were presented in these seminars/ conferences/workshops. Many staff members are appointed from different universities as expert for conducting viva voce for postgraduate and doctorate programs
- The faculty members are highly qualified, motivated and committed to the institution and seek to regularly upgrade their knowledge and explore new avenues of research. The institution also nominates faculty members to attend Orientation and Refresher courses and special summer and winter schools organised by Academic Staff College of Pt. Ravishankar Shukla University (Figure.2) thus keeping them updated with the new trends in teaching-learning as well as developments in their subjects.

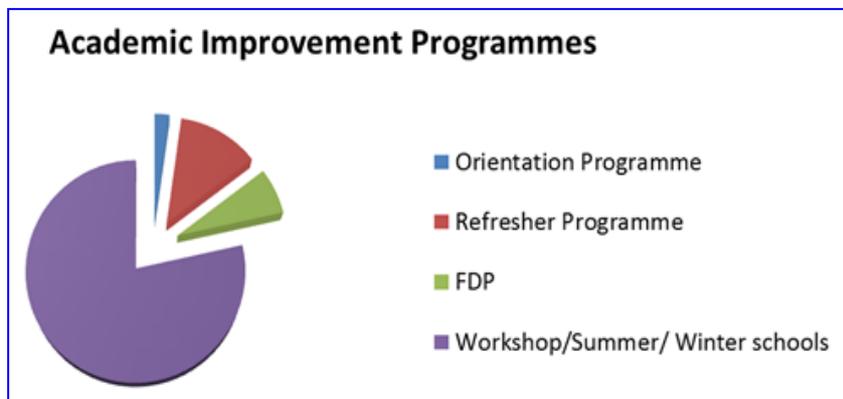


Figure-2: Academic improvement Programs attended during 2011-12 to 2014-15

- IQAC had organised 3 faculty development programmes in the college one of which was sponsored by the CCOST, Raipur and arranged 3 interdisciplinary talks during the last 5 years.
- Assessment of the teaching quality is done by students thus appraising the administration and the teachers to review their performance.
- The college has also developed a multi-pronged mechanism for the evaluation of teachers by students for improving the quality of the teaching-learning process.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

The college is in constant pursuit of developing scientific temper and research culture. Department of Microbiology in the college is the approved Research Centre from Pt. Ravishankar Shukla University, Raipur. There are 7 scholars registered and 2 have been awarded PhD. There are 4 faculties from the institution who are PhD guides and 18 scholars are registered with them. As part of fostering research tradition the institution in due course will apply for a Research Centre in English and Commerce. Research activities are the thrust area of the college. Faculty members are motivated to pursue research degree and publish their research findings in National and International journals. 16 teachers have completed their PhD during the last 5 years and 11 more are enrolled for the doctoral degree. 17 faculty members have received funds from UGC and CCOST for Minor Research Projects in the last five years. 108 papers were published in International Journals and 84 papers in National Journals. The research fraternity has benefitted from the experience and knowledge of many eminent researchers who have graced the seminars and conferences organised by the college. The college has collaborations with 2 National and 2 International institutions and has established linkages with various institutes.

Consultancy services are offered by the Department of Psychology and the thrust areas are guidance and counselling. Free consultation is given to student from nearby schools and their parents regarding career, peer pressure and personal issues. PG Department of Chemistry offers free consultation in drinking water testing and analysis. The service includes educational, testing, guidance on treatment and self-monitoring program.

The institute is engaged in activities which inculcate social and moral responsibility among the students. Extension and outreach activities are planned and executed by the college keeping in mind the overall curriculum of the students. The college has adopted a settlement near the college in 2004. All postgraduate departments are taking measures to foster a sense of social responsibility among the student community through seminars, rallies, street plays, need based support and interacting with the underprivileged people in the society in the above mentioned area as well as other places. The importance of volunteering and spirit of selfless service with a smile is also instilled in the young minds by the annual camps organised by the Education department, NCC and NSS for community development

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

The institution has adequate infrastructural facility with 35 classrooms, 17 laboratories, 14 faculty rooms, 3 computer laboratories with in all 53 computers, a seminar hall (100 seats) and conference hall (300 seats) with ICT facility, a guest room, a health center with sickroom facility, common

rooms, three parking areas and a canteen. A sports complex for outdoor games like Volleyball, Basketball, Lawn Tennis, Football and Cricket is well maintained in the campus. Indoor games like Table Tennis, Carom and Chess are also available in the sports room.

The college has a Central Library with a good collection of books, journals, magazines and newspapers. There are separate reading sections for both staff and students and an IT Zone for assessing e- resources. It caters to the academic, competitive and research needs. Book Bank facility is available to the needy students. It also subscribes for resources like INFLIBNET. Besides the Central library, every department especially the postgraduate departments have separate library with reference books, specimen copies and personal books of the faculty.

All the laboratories in the college are equipped to meet the requirements of the syllabus as well as research labs are equipped with the latest instruments. All the Departments, library and the administrative office have computing, printing and reprographic facilities. All these are maintained through the annual maintenance contracts by the college. There is a hostel providing accommodation to 160 girls and a prayer hall in the Catholicate Block where the students and staff can meditate. The institution ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of the facilities.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

Over the years the college has grown by leaps and bounds and transformed by equipping the students with scholastic and non-scholastic skills to face the challenges of the modern world with a competitive spirit. It has been working towards infusing academic excellence, professional competence, exemplary value and spiritual virtues among students and insisting on cherishing discipline among the staff and student community. The institution also takes special interest in promoting career oriented programs that will prepare students for a meaningful and rewarding future based on their penchant and abilities in the respective fields.

Education in the college is affordable and also there is an endowment scholarship available for meritorious students. In order to provide support to the economically weaker and physically challenged students, the college has an effective system for student mentoring and support and offers fee concession to the students. 148 and 260 students were provided financial assistance by the college and government agencies respectively during period of study (2011-12 to 2014-15). Beside this, the management also assists the parents by increasing the number of instalment for fees payment.

The college organizes sports, games, cultural and extracurricular activities for the students. The college has produced many artists and sports persons of

national and international statures over the past three decades. The sports day is an eagerly awaited event as the college engage in healthy competition and compete eagerly for the Chandranshu Memorial Rolling Trophy and the Kamaljeet Singh Memorial Rolling Trophy. In 2011-12 the college also started the Mar Theodosius Cup - Intercollegiate State Level Basketball tournament in the memory of Founder Manager Bishop. Every year the number of participating team is increasing which marks the popularity of the tournament. There has been outstanding performance in the field of sports in the period of review (Figure.3). Students have represented at the state, university, national and international level championship and have brought great laurels in various events.

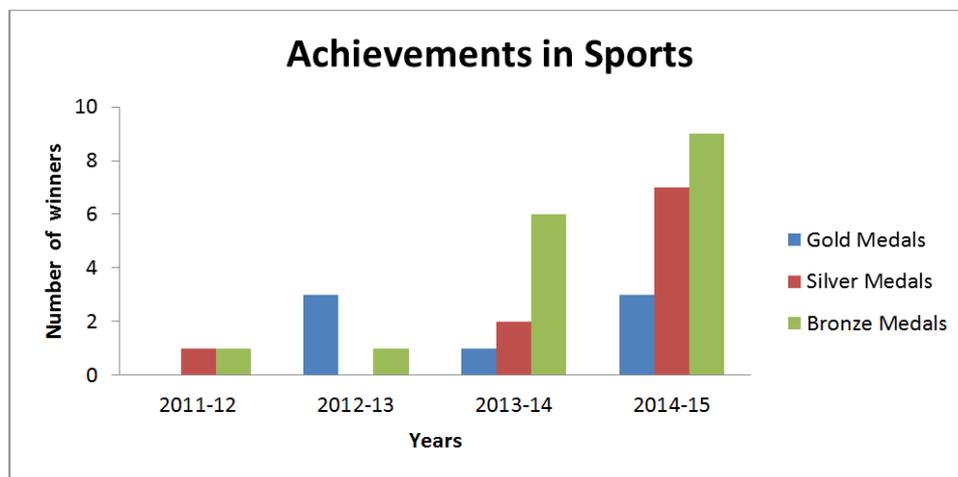


Figure-3: Achievements in Sports and Medals tally

The literary and cultural association of the college functioning under the aegis of Kalapratibha provides opportunity to the students to bring out their hidden talents in various competitions. Participant securing highest points in this competition along with other external competitions is entitled for the Kalapratibha Samman. Students brought laurels in the youth festivals, various competitions at zonal and national level. Students have exhibited their finesse in the National level programs like the Indian Idol and proved their mettle by winning the prestigious Voice of Chhattisgarh award. Financial support and training from experts are provided to the students for participating in any competition.

For the smooth functioning of the college; Admission Committee, Grievance Redressal Cell, Women Cell, Guidance and Counselling Cell, Training and Placement cell, Committee for Prevention of Sexual Harassment, Committee for Promotion of Research Activities, IQAC, Student Union Council, Eco-Club, Alumni association, Civil Services Aspirant Committee, Committee for Promotion of Cultural Activities and Committee for Promotion of Sports Activities are constituted. The success of proactive measures taken by the

college reflects (Figure.4) in the increasing enrolment and demand ratio and the decreasing dropout percentage of the college.

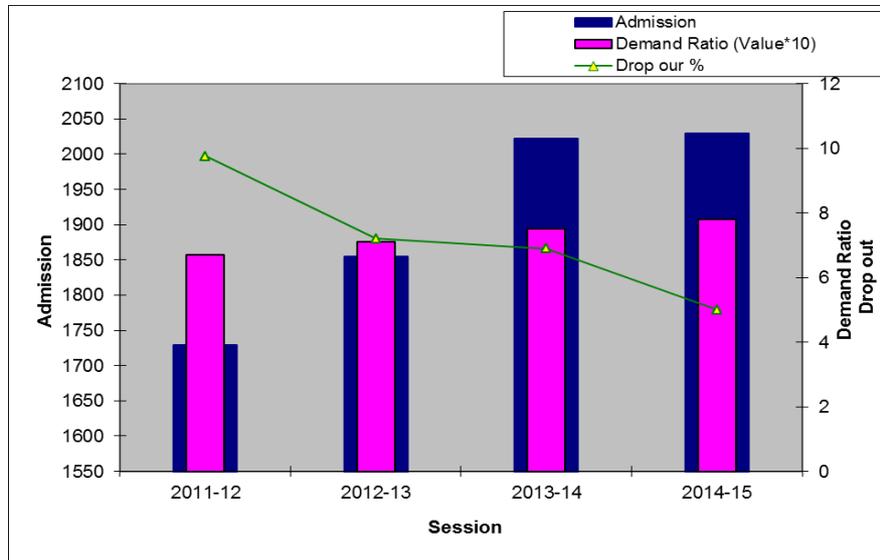


Figure-4: Comparison of Admission with Demand Ratio and Dropout

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

St. Thomas Malankara Orthodox Syrian Church Mission governs the college. The Patron, Governing Body and Managing Committee provide a roadmap and general guidelines for quality policy to create conducive environment for teaching learning. Even though the college is a self-financed college, all plans and policies are formed as per government rules. The Management along with IQAC monitors and evaluates all mechanisms of academic and administrative processes. The Principal and IQAC are involved in communicating and reviewing the policies and action plans to all the stakeholders. The college authority has appointed and empowered Heads of the Departments with adequate autonomy in academic processes. The faculty is actively involved in academic decision-making process at the department level. The IQAC ensures that every quality initiative, operational features are well planned before implementation. The major source of institutional receipts/funding are fees from the student and the management takes care of the deficits in case any. Internal and external audit are done on a yearly basis. College receives grants from UGC, CCOST for the workshops, conferences, and research projects.

The college encourages participatory approach to translate quality to the functioning of its various administrative and academic units. The administrative and academic functions are streamlined with the help of various committees. Quality is also translated into the functioning of administrative

units through staff recruitment procedure, allocation of funds, computerization of administrative offices, automation of library and providing internet facility for the staff and students in the campus. The college pays attention to groom leadership in faculty as well as students by encouraging them to organize and participate in seminars, workshops, conferences and training programs. Non-teaching staff is encouraged for computer literacy and other training programs. A number of opportunities are provided to groom the students such as NCC, NSS, voluntary services, event management, sports and other activities.

CRITERION VII: INNOVATION AND BEST PRACTICES

St. Thomas College is the leading private institution in the region providing quality education, academic leadership and awareness through various innovative practices. Accelerated learning for advanced learners, preparation of students to face competitive exams, incorporate the analysis of feedback from stakeholders, introduction of yoga classes and self-defence techniques for girl students, study of campus flora in rainy, winter and summer seasons, cleanliness of the campus, reuse of papers, optimum use of library and laboratory resources, recycle of biomass waste, tips on water and electricity conservation, reuse of grey water etc. are the innovative practices initiated by the college.

The college believes in the adage “Volunteering strengthens any community and understanding community needs help foster empathy and self-efficacy among the new generation”. The institution has always encouraged and motivated young minds in this direction. Apart from the blood donation camps, whenever need arises in the nearby hospitals, student willingly donate blood for the poor and needy patients. The college strongly believes in sensitizing the students towards social responsibility. The staff and the students fulfil their obligation towards the underprivileged sections of the society by organising various awareness programs in rural areas on socially relevant issues like illiteracy, AIDS, abuse of alcohol and drugs, sanitation, girl child education, child labour, need-based programs like *Gyan Daan* organized for the benefit of children from Govt. Schools with scarcity of teaching staff, and visiting underprivileged people (old-age homes and orphanages) of the society. The college takes the responsibility by playing a leading role in generating environment consciousness among the student community and conducts environment audit. The college boasts of a green campus with number of trees, organic farming of seasonal varieties of vegetables and fruits in the hostel garden and regular tree plantations during monsoon. Systematic segregation of waste at source for recycling and disposal are done.

St. Thomas College, Bhilai is a renowned name in the educational firmament, standing as a significant milestone in its cherished history of service to the cause of education. Steeped in the glorious tradition set by the parent

organisation St. Thomas Malankara Orthodox Syrian Church Mission and assiduously nurtured by succeeding generations of devoted faculty members and other stakeholders, the college is an ideal blend of traditional and modern systems of education with firm commitment to the pursuit of excellence. The college has always been a student-centric, teacher-managed organization that looks into future with great optimism and confidence. It will enthusiastically and pro-actively embrace new opportunities of growth and development of the institution and the society.

SWOC ANALYSIS

STRENGTH

The strength of the college lies in the following

Core Competencies

1. Education for all, tackling diversity, accessibility and affordability. Both Hindi and English are used as medium of instruction to encourage students from all strata of the society.
2. Committed to transparency in admissions and appointments.
3. Dynamic, qualified, enthusiastic and dedicated staff committed to student welfare.
4. Excellent reputation attracts the best students (academic/talented) and teachers.
5. Focused on high quality student centered teaching learning processes.
6. Strong student support mechanism.
7. Kalapratibha Samman awarded.
8. Holistic educational experience. The college conducts yoga and meditation classes for students to cope with the stress levels and handling critical situations.
9. Strong support staff.

Academic Excellence

1. Excellent results with University toppers every year. Pass percentage of the college is much higher than University pass percentage.
2. 100% utilization of lecture timings.
3. Book bank facility
4. Special Teaching Assistance Programme (STAP) for weak and advanced learners.
5. Guest lectures, hands on trainings, demonstrations, academic visits, and inter-collegiate competitions are being organized.
6. Conducting internal and external departmental academic audits every year.

Infrastructure Facilities

1. Adequate infrastructure: Sufficient and well-maintained classrooms, furniture, computers and laboratories.
2. Library is rich with a good collection of subject books along with general books, national and international journals, magazines, reference books and e-resources.
3. Beautiful, green, tobacco free, plastic free, garbage free and WiFi enabled campus.
4. Besides a well maintained Vande Matram park in the front, the College has a Botanical and Herbal garden and 4 other gardens.

5. Facilities like ATM, Canteen, Girls Hostel, LCD equipped Seminar and Conference hall, open air stage and separate parking space for staff and students.

Co- Curricular Activities

1. **Kalaprathibha:** Several cultural and literary opportunities for student to develop and enhance their creative potential and talent resulting in bringing laurels in youth festivals and reality shows (nationwide).
2. **Sports:** Encouraging achievements in Sports by giving incentives, financial support, fee concession and admission on sports quota to students participating in University, National and International events.

Institute Social Responsibility

1. Adoption of Ruabandha basti, a settlement near the college.
2. Extension activities in the adopted village and other villages develop social sensitivity among students. This is conducted through NCC, NSS, Education and all PG departments of the college and is well accepted by the community.

WEAKNESS

1. Need for more linkages and collaborations with industry and research institutions.
2. Lack of classrooms with ICT facility.
3. Certified Certificate courses.
4. Interdisciplinary research activity.
5. Great pool of Alumni but weak alumni network.

OPPORTUNITIES

1. Increase opportunities to develop and establish short term certificate courses to meet the new and growing demands of the society.
2. Developing the institution as a college with the Potential of Excellence.
3. Identify needs and secure funds from government agencies for infrastructural development.
4. Upgradation of PG departments to research centers and undertaking multidisciplinary or interdisciplinary research activities from funding agencies besides UGC and CCOST.
5. Vocational training and counseling for students and parents respectively.
6. Improve expertise of faculty to tap the corporate sector for consultancy, funding for research labs and value added courses through linkages.

CHALLENGES

1. Coping with fast changing technology.
2. High cost of maintenance.
3. Retaining experienced staff.

SECTION B: SELF-STUDY REPORT**1. Profile of the Affiliated/Constituent College****1. Name and Address of the College:**

Name:	St. Thomas College		
Address:	Ruabandha, Bhilai, District: Durg		
City:	Pin: 490006	State: Chhattisgarh	
Website:	www.stthomascollegebhilai.in		

2. For Communication:

Designation	Name	Tele./Fax	Mobile	Email
Principal	Dr. M. G. Roymon	0788-2292388/ 0788- 2275970	09425238388	mg1122.roymon@yahoo.co.in
Steering Committee Coordinator	Dr. Vinita Thomas	0788-2271696/ 0788- 2275970	09826132880	vinita.thomas63@gmail.com

3. Status of the institution:

Affiliated College

✓

Constituent College

Any other (specify)**4. Type of Institution:**

a. By Gender

i. For Men

ii. For Women

iii. Co-education

✓

b. By Shift

i. Regular

ii. Day

iii. Evening

✓
✓

5. It is a recognized minority institution?

Yes

✓

No

If yes specify the minority status (Religious/linguistic/any other) and provide documentary evidence.

Annexure I Religious Minority Status

Religious Minority

6. Sources of funding

Government

Grant-in-aid

Self-financing

Any other

✓

7. a. Date of establishment of the college: 01/07/1984**b. University to which the college is affiliated/or which governs the college (If it is a constituent college)**Pt. Ravishankar Shukla University, Raipur
(Migrated to Durg Vishwavidyalaya, Durg since 2016)**c. Details of UGC recognition:**

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i.2(f)	12/9/1989	F8-115/589/PPP-I
ii.12(B)	22/11/1991	1077/Acad/Affl/91

Annexure II and III Certificates of recognition u/s 2(f) and 12 (B) of the UGC Act**d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)**

Under Section/ clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year	Validity	Remarks
Sub section 2 of section 32	NCTE WRC/5-6/40/2002/05720-24	20/09/2002	-	WRC/223076 /BEd (revised order) 2015/ 144378- dt.31.5.2015

Annexure IV Certificate of Recognition NCTE

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes No

If yes, has the College applied for availing the autonomous status?

Yes No

9. Is the college recognized?

a. by UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes No

If yes, Name of the agency and Date of recognition: NA

10. Location of the campus and area in sq. mts:

Location	Semi urban
Campus area in sq. mts.	10 acres
Built up area in sq. mts.	7356.3 sq. mts.

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

• **Auditorium/seminar complex with infrastructural facilities**

There is 1 Seminar Hall and 1 Conference Hall equipped with LCD projector, screen with an audio system and with a seating capacity of 100 in Seminar Hall and 300 in Conference Hall.

• **Sports facilities**

• **Playground**

The college has spacious sports complex with a seating capacity of 300 spectators and has facilities for playing games like Football, Cricket, Volleyball, Basketball and Lawn Tennis. There is also a sports room for indoor games like Table tennis, Carom and Chess.

- Gymnasium

Initiative has been taken for developing a gymnasium with basic facility.

- **Hostel**

- * Boys' hostel - Nil

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities (mention available facilities)

- * Girls' hostel

- i. Number of hostels

1

- ii. Number of inmates

200

- iii. Facilities

- Medical
- Recreation
- Generator (24 hours uninterrupted supply of electricity)
- 24 hours water supply (provision for hot water during winter)
- Safe and filtered drinking water.
- Celebration of all festivals
- Newspaper.
- Wi-Fi during college working hours.
- Yoga classes.
- Regular Counseling.
- Food (Breakfast, Lunch, Tea with snacks and Dinner)
- Transport (outsourced to private agencies)
- Security (female security round the clock beside the college security)

- * Working women's hostel- Nil

- i. Number of inmates
- ii. Facilities (mention available facilities)

- **Residential facilities for teaching and non-teaching staff (give numbers available —cadrewise) –**

There are 17 BSP Quarters allotted to the college at different sectors.

Teaching Staff -5 and Non-Teaching Staff – 12

- **Cafeteria**

The college has a spacious outdoor canteen with adequate chairs and table and offers clean, healthy and hygienic food at reasonable rate.

- **Health Centre**

The college has a health centre with first aid and sick room facility, doctors are available on call and in case of emergency arrangements are made to take the patient to the nearest hospital.

Health centre staff–

Qualified doctor	Fulltime	<input type="checkbox"/>	Part-time	<input checked="" type="checkbox"/>
Qualified Nurse	Fulltime	<input type="checkbox"/>	Part-time	<input type="checkbox"/>

- **Facilities like banking, post office, book shops**

SBI ATM at the main gate is available for staff and students of the college as well as for public.

- **Transport facilities to cater to the needs of students and staff**

The college does not provide transport facility but has outsourced to agencies in case of necessity.

- **Animal house**

There is an animal house space in the Department of Zoology for research purpose.

- **Biological waste disposal**

There are compost pit in the campus where the organic and biomass waste are converted into manure which is used in plantation.

- **Generator or other facility for management/regulation of electricity and voltage-**

Generator of 433 KW for uninterrupted power supply exists.

- **Solid waste management facility**

- Paper waste: e-notice is practiced.

The staff prints document for proof reading on the blank side of already printed papers. All the rough works are also done in such papers.

- Hazardous waste generated in the Science Department is appropriately disposed.
- Old computers are given to organizations where hardware can be reused.
- Municipal Corporation collects non- biodegradable wastes from the campus on a regular basis.
- **Waste water management**
 - The waste water is directed to the water harvesting pit in and around the college.
 - The grey water of the college campus and hostel are drained into recharge pits near the boundary of the campus.
- **Water harvesting**
All the buildings of the college has provision for rain water harvesting.

12. Details of programmes offered by the college (2015-16)

Medium of instruction: English as well Hindi

SN	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Sanctioned/ approved Student Strength	No .of students admitted (2015-16)
1	Under-Graduate	B.Ed.	2 Years (4 Sem)	Graduate in any subject.	100 (50+50)	30
		B.Sc.	3 Years	HSSCE/ AISSCE with Maths/Bio	390	173
		B.A.	3 Years	HSSCE/ AISSCE	60	21
		B.A.in Journalism and Mass Com.	3 Years (6 Sem)	HSSCE/ AISSCE	30	13
		B.B.A	3 Years (6 Sem)	HSSCE/ AISSCE	60	60
		B.Com.	3 Years	HSSCE/ AISSCE with Commerce	400	400
2	Post-Graduate	M. Sc- Botany	2 Years (4 Sem)	Graduate with the subject Botany	10	10
		M. Sc- Biotech	2 Years (4 Sem)	Graduate with the subjects Botany/ Zoology/ Biotechnology/ Microbiology	15	9

		M. Sc- Chemistry	2 Years (4 Sem)	Graduate with the subject Chemistry/ Industrial Chemistry	20	20
		M. Sc- Computer Science	2 Years (4 Sem)	Graduate with the subject Physics, Mathematics Computer Science/ IT/ Electronics	20	8
		M. Sc- Electronics	2 Years (4 Sem)	Graduate with the subject Physics, Mathematics and Computer Science/ IT/ Electronics	15	0
		M. Sc- Information Technology	2 Years (4 Sem)	Graduate with the subject Physics, Mathematics and Computer Science/ IT/ Electronics	10	0
		M. Sc- Microbiology	2 Years (4 Sem)	Graduate with the subjects Botany/ Zoology/ Biotechnology/ Microbiology	17	10
		M. Sc- Mathematics	2 Years (4 Sem)	Graduate with the subject Physics, Mathematics/ Computer Science/ Chemistry/IT/ Electronics	30	29
		M. A- English	2 Years (4 Sem)	BA /BSc/BCom	30	16
		M. A- Economics	2 Years (4 Sem)	BA with Economics/ BCom	30	6
		M. Com.	2 Years (4 Sem)	Graduate in Commerce	30	30

3	Ph. D.	Microbiology	4 Years	Post graduate in Microbiology	NA	NA
4	PG Diploma	PGDCA	1 Year (2 Sem)	Graduate in any stream	30	30

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	1
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15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments	UG	PG	Research
Science	Botany, Biotechnology, Chemistry, Computer Science, Electronics, Information Technology Industrial Chemistry Mathematics Microbiology Physics Zoology	All	In all except Industrial Chemistry, Physics and Zoology.	Microbiology
Arts	Economics English Literature Psychology Journalism and Mass Communication	All	Economics English Literature	Nil

Commerce	Commerce, Commerce with Computer Science	Yes	Yes	Nil
Any Other (Specify)	Management Studies, Education	All	Nil	Nil

16. Number of Programmes offered under (Programme means a degree course like BA, B.Sc, MA, M.Com...)

a. Annual system	4
b. Semester system	15
c. Trimester system	Nil

17. Number of Programmes with

a. Choice Based Credit System	NA
b. Inter/Multidisciplinary Approach	NA
c. Any other (specify and provide details)	NA

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

- a. Year of Introduction of the programme(s) 2002 (20/9/2002)
and number of batches that completed the programme 13
- b. NCTE recognition details (if applicable)
Notification No.: WRC/223076/B.Ed
(Revised order/2015/144378)
Date: 31/05/2015
- c. Is the institution opting for assessment and accreditation of
Teacher Education Programme separately?

Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes,

- a. Year of Introduction of the programme(s): NA
and number of batches that completed the programme
- b. NCTE recognition details (if applicable)
Notification No: NA
Date: NA
Validity: NA
- c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?
Yes No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/University/ State Government	-	-	-	-	11	26	-	-	-	-
<i>Yet to recruit</i>										
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>	1	-	3	4	2	19	12	12	1	-
<i>Yet to recruit</i>	-	-	-	-	-	-	-	-	-	-

*M-Male, *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	0
Ph.D.	1	-	3	4	3	13	24
M.Phil.	-	-	-	1	2	19	22
PG	-	-	-	-	5	8	13
Temporary teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	16	16
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	2	02

22. Number of Visiting Faculty/Guest Faculty engaged with the College.

Nil

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2011-12		2012-13		2013-14		2014-15	
	M	F	M	F	M	F	M	F
SC	24	52	43	56	36	56	72	96
ST	70	110	111	126	63	160	70	192
OBC	91	49	90	142	80	173	102	216
General	592	741	498	789	601	853	539	803
Others	-	-	-	-	-	-	-	-

24. Details of students enrolment in the college during the current academic year: 2015-16

Type of students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same State where the college is located	1552	259	-	-	1811

Students from other states	185	52	-	-	237
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	
Total	1737	311	-	-	2048

25. Dropout rate in UG and PG (average of the last two batches)

2014-2015 - UG	<input type="text" value="7.2 %"/>	PG	<input type="text" value="2.3%"/>
2015-2016 - UG	<input type="text" value="8%"/>	PG	<input type="text" value="5.7%"/>

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divide total number of students enrolled)

- a. including the salary component -- Rs. 18,110.00
- b. excluding the salary component -- Rs. 4630.00

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes No

b) Name of the University which has granted such registration.

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered

S.No.	Programme	Student- Teacher ratio
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1.	B.Ed	7:1
2.	B. Sc (Maths)	20:1
3.	B. Sc (Bio)	20:1
4.	B.Com	40:1
5.	B.C.A	6:1
6.	B.B.A	12:1
7.	B. A	13:1
8.	B.A.(Journalism)	10:1
9.	M.Sc (Maths)	6:1
10.	M.Sc (Botany)	3:1
11.	M.Sc (C.Sc)	5:1
12.	M.Sc (Micro)	6:1
13.	M.Sc (Biotech.)	5:1
14.	M.Sc (Chemistry)	5:1
15.	M.A. (English)	6:1
16.	M.A. (Economics)	5:1
17.	M.Com	5:1

29. Is the college applying for?Accreditation: Cycle Re-Assessment: **30. Date of accreditation*****(applicable for Cycle 2 ,Cycle 3, Cycle 4 and re-assessment only)**Cycle1: 2/2/2006 Accreditation Outcome/Result: B⁺⁺

Cycle 2: 19/9/2011 Accreditation Outcome/Result: B

Cycle 3:..... Accreditation Outcome/ Result.....

31. Number of working days during the last academic year.**32. Number of teaching days during the last academic year***(Teaching days means days on which lectures were engaged excluding the examination days)*

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC was established on **23/9/2006**

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR(i) ...2011-12...12.09.2016...(dd/mm/yyyy)

AQAR(ii) ...2012-13...12.09.2016...(dd/mm/yyyy)

AQAR(iii) ... 2013-14...13.09.2016...dd/mm/yyyy)

AQAR (iv) ...2014-15...13.09.2016...(dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include.

- **Kalapatibha Samman**

Student who excel in cultural and literary event at college level is awarded with **Kalapatibha Samman** of the Year.

- **List of Students who secured Gold Medal in Sports**

S N	Name of the Student	Year	Sports	Competition Level
1	D. Murali Krishna	2011-12	Karate	All India Championship
2	Pooja Kashyap	2011-12	Basket Ball	East Zone Inter University
3	Pooja Kashyap	2011-12	Basket Ball	National Basket Ball Championship
4	Jyoti Sahu	2013-14	Net Ball	All India University
5	Pooja Kashyap	2014-15	Basket Ball	East Zone Inter University
6	Samridh Kalkar	2014-15	Hand Ball	West Zone National
7	Jaideep Sahu	2014-15	Power Lifting	Sub Junior National Tournament



Best College Award Received in the year 2013-14

UNIVERSITY MERIT LIST FOR 4 YEARS

2011-12

						
Ku.A.Minu BBA VI Position I	Ku.Kanchan Agrawal B.C.A Final Position I	Ku.Reena Rayal B.Ed Position II	Ku.Madhuri Singh M.Sc Mjcrobio (Final) Position II	Ku.Viji Mary George MA Engjia (Final) Position III	Ku. Bhumika yadu B.Sc (Final) Position III	Ku.Perminder Saini M.Sc Microbio (Final) Position IV
						
Ku.Princi verma M.Sc Microbio (Final) Position V	Ku.Monika Kukreja BBA VI Position V	Ku.Ranjana Patel M.Sc Biotect (Final) Position VI	Ku.Priyanka Gharde M.Sc Microbio (Final) Position VII	Ku.Arati Sinha M.Sc Comp (Final) Position IX	Ku.Arati Devi Sinha M.Sc Biotect (Final) Position X	

2012-13

				
Ku. Avatarnika Omega Lakra BA Part- III, 1 st	Ku. Tanvi Parekh BA Part - III , 2 nd	Sangeeta Tirkey BA- Part-III, 8 th	Ku. Ch.V.Mridula BA Part- III, 10 th	Ku. Jagriti Patel B.Sc Part- III, 1 st
				
Ku. Menka Jaswani BCA Part-III, 6 th	Ku. Priya Nehra MA (English), 4 th Sem, 1 st	Ku. Jyoti Ukey MA (English), 4 th Sem, 4 th	Ku. Ankita Tiwari MA (Economics) 4 th Sem, 6 th	Ku. Dipti Kaiwart M.Sc (Comp Sci) 4 th Sem, 2 nd
				
Ku. Pradeepti Khare M.Sc (Comp Sci) 4 th Sem, 5 th	Saurav Pandey M.Sc (Microbio)4 th sem, 6 th	Ku. Merlin Manisha Rai M.Sc (Microbio)4 th sem,10 th	Pankaj Bagchi M.Sc Botany 4 th Sem, 7 th	Ku. Sushmita Dutta B. Ed, 10 th

2013-14

				
Ku.Devashree Biswas B.Com- III Position-VI th	Ku. Shashi Dewangan B.Com-III Position-VII th	Vishwadeep Gupta B.Com-III Position-VIII th	Ku. Manpreet Kaur B.Com- III Position-IX th	Ku. Ankita Roy Choudhary M.A English Position-III rd
				
Ku. Debanjana Mitra M.A English Position-VI th	Ku. Anshu Deshlehara M.A English Position- VII th	Ku. Debjeet Bhaduri M.A English Position-VIII th	Ku. Pallabi Panda M.A English Position-X th	Ku. Alka Banchor M.Sc Chemistry Position-VI th
				
Ku. Roshini Mohan M.Sc Microbiology Position-I st	Ku. Richa Chattopadhy M.Sc Microbiology Position-VI th	Ku. Himadri Rai M.Sc Microbiology Position-IX th	Ku. Ankita Jamwal M.Sc Botany Position-IV th	Ku. Nisha Chandel M.Sc Botany Position-VI th
				
Ku. Namrata Singh M.Sc Computer Science Position-VI th	Ku. Urvashi Agrawal B.B.A Position-V th	Ku. Amrita Singh B. Ed Position-IX th	Ku. Priyanka Khatri B.C.A- III Position- I st	Ku. Sucheta Paul B.A- III Position-VIII th

2014-15



C: CRITERIA WISE ANALYTICAL REPORT

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision: Value Based Education

- The institute shall be committed in equipping the students with scholastic and non-scholastic skills to face the challenges of the modern world with a competitive spirit.
- To be a center of academic excellence by providing quality education, inculcating and nurturing socio-cultural and moral values in the students.

Mission: Excellence in Education

- To raise undergraduate, post graduate students and research scholars to work towards academic excellence, professional competence, exemplary values and spiritual virtues.
- To have the state-of-the-art infrastructure facilities.
- To transfer appropriate technology to society and develop effective partnership with industries.
- To offer quality teaching and learning environment and help in the upliftment of the society.
- To disseminate new knowledge, and contribute to the economy, innovation and technology.

Objectives

- To become a premium educational institute by providing education which is job and life oriented.
- To facilitate the students to excel in curricular, co-curricular and extra-curricular activities, at the same time instilling in them right values and virtues, thus moulding and developing their all-round personality and shaping them into best citizens in the service of nation and mankind.
- To provide ambient academic environment through modern teaching system involving teaching, learning, research and outreach.
- To focus on achieving excellent results and placements, by providing quality education.

- To organize programs and activities which will have strong career focus, preparing students for a meaningful and rewarding future

The vision, mission and objectives of the college are communicated to the students, teachers and all stakeholders through the prospectus, website, college magazine, newsletters and through the activities of the college. The vision, mission and objectives of the college are displayed in prominent locations in the campus. The information is reiterated during the Principal's address at the orientation programme of newly admitted students as well as the annual report. All formal functions organized by co-curricular and extra-curricular bodies of the college emphasize the same.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The college is affiliated to Pt. Ravishankar Shukla University, Raipur, C.G. (migrated to Durg University, Durg since 2016) and has linkage with Kushabhau Thakre Patrakarita Avam Jansanchar Vishwa Vidyalaya (KTPAJVV), Raipur, C.G for Journalism and Mass Communication and hence follows the university prescribed curriculum. The College develops and deploys a well refined process for the effective implementation of curriculum. The Academic Calendar is prepared at the beginning of the session going through the following stages.

Stage I: A meeting is held in each department to plan the course of action for the current year. The allotment of syllabus based on the expertise of the individual is done by the HOD. Workload distribution is done to check the feasibility of delivering the allotted syllabus in stipulated time. The activities of the department are also decided for the session keeping in mind the curriculum.

Stage II: Academic session begins with the Academic Council Meeting where the tentative plan of the academics is prepared. The inputs of faculties and the IQAC are also incorporated in the preparation of Academic and Activity calendar.

Stage III: The IQAC monitors effective implementation of plans decided in the academic council meetings like completion of syllabus in time, conduct of unit tests, half yearly and model exams for the programs following the annual as well as semester pattern within the academic session.

Stage IV: The feedback from the stakeholders regarding the improvement in the implementation of curriculum is analysed and also incorporated in the current academic session. Thus emphasis is given on imparting quality education without compromising.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The teachers receive support from the University and the institution for effectively translating curriculum and improving teaching practices.

The **University** organizes orientation and refresher courses to update the knowledge and improve the teaching practices for teachers. Special summer and winter schools are also arranged by the Human Resource Development Centre of Pt. Ravishankar Shukla University, Raipur. These keep the faculties updated with the trends in teaching-learning as well as development in the subject. University from time to time sends notices and circulars to the institution to abreast the developments in the curriculum. Teachers have access to the university library.

The **institution** apprises the faculty about changes if any and gives all possible procedural and practical support to the department and faculty for effective translation of curriculum and improving teaching practices. Every faculty is encouraged to devise methodology based on the need of the curriculum and learners. Efforts are taken by the management within the limitation of their framework to provide infrastructure and resources to complement the curriculum wherever necessary. The faculties are encouraged to make use of ICT for teaching purposes thus integrating teaching with technology. The college also organizes faculty development programs, seminars and workshops for staff members to update their knowledge about emerging trends in the respective discipline.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.

The institution strives to upgrade the infrastructure and procure resources to meet the challenge of a technology driven environment. Teachers are given free reigns to interpret and meet the demands of effective curriculum delivery. Though the faculty is trained to use the modern technology, the college relies on globally trusted teaching practice Chalk and Talk method. In addition to the regular classes guest lectures are arranged where experts from various fields are invited to share their knowledge and experience with both staff and students. Book Bank facility is available to the needy students. Special classes are conducted for students who could not attend the classes on account of NSS/NCC camps or participation in sports or extra-curricular activities. Special Teaching Assistance Programme (STAP) exists for both weak and advanced learners. Every department diligently follows a special timetable which is displayed in the notice boards of the department. Industrial/study

tours are organized for students to understand the implementation of theory in the real world and acts as an interface between students and industry/research. The college conduct periodical workshops to abreast the students on various resources available in the college and also conducts workshops and seminars for staff advancement.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

The institution and staff are constantly looking for opportunities with real life exposure for enriching the effective operationalization of the curriculum. The institution has a very active Training and Placement Cell which maintains professional relations with nearby industries. HR managers are invited to interact with the students. Industrial visits are organized by various departments from time to time to keep the students acquainted with latest development of economy. Some students take up internships in these industrial setups for their dissertations and assignments which is part of their curriculum.

The Committee for Promotion of Research Activities assists both staff as well as students to keep the temper of research alive in the campus. Research scholars from various fields are invited to motivate the students. Very well placed college alumnus plays a very effective role in this direction. Some faculty members are members of professional bodies and attend their conferences and workshops which in turn help them in the effective operationalization of the curriculum.

Faculty member receive assistance from their counterparts at the Pt. Ravishankar Shukla University, Raipur, the affiliating university regarding the advances in research and technology in their respective subjects. Professors and experts from this parent university are invited to college from time to time to hold seminars and talks for faculty members. Institution plays a very important role towards Social Responsibility where the students undertake surveys, projects and conducts awareness programs on issues of social relevance thus making the curriculum experiential and learning more meaningful.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (Number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

The college is affiliated to Pt. Ravishankar Shukla University, Raipur (migrated to Durg University, Durg since 2016) which has a system to solicit recommendation from its affiliated college. The members of staff who

constitute the Board of Studies participate in the discussions related to curriculum design.

Current List of the Faculties represented on the Board of Studies are

S.N	Name of the Faculty	Board/ Bodies	Department
1	Dr. Debjani Mukherjee	Pt. Ravishankar Shukla University, Raipur	Psychology
2	Dr. Susan R. Abraham	Pt. Ravishankar Shukla University, Raipur; Kalyan Autonomous PG College, Bhilai	Management
3	Mr. Santosh Kumar Miri	Govt. Digvijay Autonomous College, Rajnandgoan Kalyan Autonomous PG College, Bhilai	Computer Science
4	Mrs. Smita Suresh Daniel	Kalyan Autonomous PG College, Bhilai	Computer Science

The teaching faculty of the college communicates their idea concretely to the respective members of the Academic Council through the Principal of the college. Senior faculty members are deputed to meet the students in the class room as well as outside to elicit informal feedback about the curriculum. Opinions expressed by the students, parent and administration are also taken into consideration while forwarding suggestions. The college takes feedback from student, teacher and stakeholder on the delivery of curriculum and analyses them. This analysis is communicated to the Management and University.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Yes the college provides a short term course on Communication Skills by the PG Department of English and also conducts Certificate Course of National University Students Skill Development [NUSSD] conducted by Tata Institute of Social Sciences [TISS]. The details on the process are as follows:

A. Course on English Communication Skills

Good communication skills are a prerequisite for sustaining in the society both at professional and personal level. This allows an individual to connect with people, participate and reciprocate accurately. Successful communication is

said to be accomplished when the receiver not only receive the message but also accepts, interprets and use in the manner intended by the source.

Need Assessment: Today's students face a dual challenge of being competitive and global. They not only have to master their professional skills but also must have various soft skills competencies to be suitable in the job market. Keeping in view the requirement of the job market it was understood that the student needs support to be good at soft skills like Communication skills in English. The purpose of this program is to increase employability of graduating youths by imparting skills and competencies.

Design: A content based module is followed for both the slow learners as well as for the advanced learners. Series of activities are designed to provide a rich environment where meaningful communication takes place. These activities guided by the communicative approach are characterised by providing meaningful and real communication at all levels. As a result more emphasis is laid on skills than systems and lessons are more learner-centred. These activities make students more active in the learning process and at the same time make their learning more meaningful.

Development: The Department of English has designed the course in a modular, interlinked and interactive manner cumulatively building knowledge, skills, and competencies. Feedback from students, faculty and academic peer group are incorporated in developing the module.

Planning of the Course: P.G. Department of English regularly conducts English Communicative Class in two sessions UG and PG students. As the students enrolling in the college are from rural and urban background, the importance of good communication skill is acknowledged by all the students of the college. Students are identified at the time of admission and provided information regarding the class. Effective module is developed for rural students, as well as those students following medium of instruction other than English. Activities which help to promote the Speaking Skills of the students includes Self Introduction, Techniques of reading, Writing and listening skills, Storytelling, Extempore, Group Discussion, Role play, Picture description etc. are incorporated. These activities contribute a great deal in developing basic interactive skills necessary for life as well as fulfilling the demands of the job.

B. Certificate Course on Skill Development by TISS and Government of India.

National University Students' Skill Development (NUSSD) Programme, [A Nationwide Skill Development Initiative to Enable Graduating Students to Acquire Employability] is a unique initiative on skill development designed and undertaken by Tata Institute of Social Sciences (TISS) in collaboration with Ministry of Youth Affairs and Sports to enable graduating youths to

acquire employment oriented skills while pursuing their graduation from the regional colleges. NUSSD program involves college students' engagement over three years in a multi stakeholder collaborative model involving universities, colleges, corporate, industry and NGOs. The purpose of NUSSD program is to increase employability of graduating youths by imparting knowledge, skills and competencies. The program also aims at fostering inner potential in students, stimulate their critical thinking, inculcate a sense of civic responsibility and increase their skills through cutting edge teaching learning methods.

Need Assessment: To enable graduating youths to acquire employment oriented skills while pursuing their graduation from the regional colleges.

Design: The course consists of Foundation and Domain Courses.

Development: The NUSSD Courses are designed in a modular, interlinked and interactive manner cumulatively building knowledge, skills, and competencies. All courses are based on a credit-based system with more emphasis on practical and fieldwork.

Planning of the Course: In the Foundation Course there are 8 topics in which stipulated hours of classroom study and field work are involved. Students who complete the NUSSD programme gain competency in following courses developed by premier institutions and will be awarded Certificate in Management and Soft Skills. The course consists of Foundation and Domain Courses. The first batch has already commenced.

1.1.8 How does institution analyse /ensure that the stated objectives of curriculum are achieved in the course of implementation?

The college at the beginning of the session organizes an academic council meeting where the tentative academic plan is sketched out. This plan is to be followed by the faculties for curriculum delivery. The monthly and weekly teaching schedule covering the pedagogy and syllabus is submitted by the teacher. The progress of this schedule is reviewed in the departmental as well as the college level during various meeting. Feedback on teaching ensures that the syllabus is completed and the desired standard is fulfilled. Student feedback is taken for every subject taught so that improvement can be made. Periodic tests (3 unit tests) and exams (half yearly and model exam) help the teachers to gauge the learning output and assists in continuous evaluation. If there is a necessity the college arranges extra classes' for the benefit of the students. Attendance is monitored regularly and results are analysed paper wise to ensure that the objectives of curriculum are achieved in the course of implementation.

The college has also established IQAC in 2006 as a quality sustenance and quality enhancement measure. The IQAC has been successfully infusing a sense of belonging and participation in the entire faculty of the institution and it ensures that the objectives of the curriculum are achieved during the course of implementation. The functioning of various committees also strengthens the process of implementation of the curriculum.

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

The college focuses on all round development of students. Taking into consideration the changing needs of stakeholders and global competency, the college and its parent organization have taken concrete steps to ensure skill and inter disciplinary approach in the academic programs. The program focuses on:

- (a) Overall development of students
- (b) Skill development over and above regular academic programme
- (c) Employability of students and keep pace with the dynamic job market

The college realizes the needs of students to develop skills to avail job opportunities and provides an additional course on Communication Skills By the PG Department of English and also conducts Certificate Course of National University Students Skill Development [NUSSD] conducted by Tata Institute of Social Sciences [TISS] giving the students an edge in different fields of employment.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes', give details.

The institution does not offer programs that facilitate twinning /dual degree as the college is affiliated to Pt. Ravishankar Shukla University, Raipur (migrated to Durg University, Durg since 2016) and are governed by their rules.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

- **Range of Core / Elective options offered by the University and those opted by the college**
Undergraduate Courses: Annual Pattern –BSc, BA, BCom and BCA
Semester Pattern – BEd, BBA, BA in JMC,
Post Graduate Courses: Semester Pattern- MSc, MA, MCom, PGDCA
- **Choice Based Credit System and range of subject options**
The university will be introducing this for PG in the near future and then the college will be following the CBCS.

- **Courses offered in modular form**
Currently the college offers no course in modular form.
- **Credit transfer and accumulation facility**
The university does not provide this facility.
- **Lateral and vertical mobility within and across programmes and courses**
These are not allowed by the university at present.
- **Enrichment course**
The college offers Course on Communicative skills in English, Personality Development classes and Certificate Course on Skill Development by TISS and Government of India.

1.2.4 Does the institution offer self-financed programmes? If ‘yes’, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes. All the courses offered in the college are self - financed programmes.

List of the Programmes Offered:-

Programme Offered	Degree	Subject
Undergraduate	B.Sc	<ul style="list-style-type: none"> • Physics, Chemistry, Mathematics, • Physics, Electronics, Mathematics • Physics, Computer Science, Mathematics, • Physics, Mathematics, Information Technology • Chemistry, Industrial Chemistry, Mathematics • Chemistry, Industrial Chemistry, Zoology • Chemistry, Botany, Zoology • Chemistry, Botany, Microbiology • Chemistry, Zoology, Microbiology • Chemistry, Botany, Biotechnology
	B.C.A	Computer Application
	B.Com	Commerce Plain Commerce with Computer Application
	B.A	Economics , Psychology, English Literature, Journalism and Mass Communication (KTPAJVV, Raipur)

	BBA	Business Administration
Postgraduate	M.Sc	Mathematics
	M.Sc	Computer Science
	M.Sc	Electronics
	M.Sc	Information Technology
	M.Sc	Microbiology
	M.Sc	Biotechnology
	M.Sc	Chemistry
	M.Sc	Botany
	M.Com	M.Com
	M.A	Economics
	M.A	English
Post Graduate Diploma	PGDCA	PG Diploma in Computer Application
Professional Course	B.Ed	Education

➤ **Curriculum:**

The college is affiliated to Pt. Ravishankar Shukla University, Raipur C.G (migrated to Durg University, Durg since 2016) and has linkage with Kushabhau Thakre Patrakarita Avam Jansanchar Vishwa Vidyalaya (KTPAJVV), Raipur, C.G for Journalism and Mass Communication and therefore follows the curriculum designed by them. The curriculum is well-charted and designed to meet the requirements of the competitive scenario.

➤ **Admission Procedure:**

All the rules and regulations regarding admission prescribed by affiliated university are strictly followed. Admissions are on merit basis (marks obtained in the previous exams).

➤ **Fee structure:**

Being a self-financed institution, the fee structure is designed by the Management

➤ **Teachers' Qualifications and Salary:**

Teachers are appointed on regular basis as per UGC Code 28. Contractual staffs are recruited as per need. Salaries are paid through bank as per the UGC rule.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Yes, the college offers additional skill oriented programs. The college believes that these courses will help the students to get employment (Details in 1.1.7).

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

The University as of now has no provision for combining the conventional face-to-face and distance mode of education.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programmes and Institution’s goals and objectives are integrated?

The college practices several methods to supplement the University’s curriculum and ensure that the academic programme and Institution’s goals and objectives are integrated.

- Apart from teaching the prescribed syllabus, teachers update students on current affairs so that the later remains in sync with the changing world.
- Special hands on training programme for students are organized for science students by most of the departments. College provides all resources for the same.
- Department associations/forum provides a platform for students to interact with experts in various fields and hosts seminars, conference and workshop to enhance classroom learning and increase their awareness on scopes of the subjects.
- While preparing the students for the challenges in the professional front, care is taken to ensure that they do not lose sight of the moral values, professional ethics and cultural values of the country. This is achieved through workshops on Personality Development, Extension Activities and other programs like Anti- narcotic Drive, Blood Donation, AIDS awareness, Swachh Bharat Abhiyaan organized under the banner of various club/forum, NCC and NSS of the college. There is a very strong community service spirit in the college which inculcates the sense of social responsibility. IQAC ensures that the students participate in these enrichment programmes and also distributed certificate of appreciation to all the volunteers.
- To ensure that the students gain more than just academic knowledge, the teachers use innovative methods like power point presentations, film screening, video clippings, role play, book review, play renderings, field visit, study tours etc. These are followed by discussions and debates. Students (UG and PG) are encouraged to participate in quiz and oral/poster presentation. Initiatives towards

internship and assignments with research bodies and industry are taken as these become integral part of the learning process.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

Being an affiliated college suggestions are given to the members of Board of Studies through the Principal of the college keeping in mind with the students need in the dynamic job employment. The college has additional courses on skill development called communicative English. The college also initiated the conduction of Certificate Course of National University Students Skill Development [NUSSD] conducted by Tata Institute of Social Sciences [TISS]. These courses are aimed at providing the students with a higher chance of fetching jobs in the employability market.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The college has established several cells/ committees to integrate the cross cutting issues such as gender sensitization, environmental education, ICT etc. The committees include Women's cell, Eco-club, and Zeigest Forum. They spread awareness of these through debates, street plays, slogan writing, poster making, skits, seminars and discussions.

Environmental Education: In the undergraduate level the college follows university instructions and offers a complete paper on Environmental Awareness which is designed and developed by experts. The syllabus ensured that the issues such as ecology, environment protection, preservation in view of global and national demands have made a significant entry. The **Eco-Club** educates the student community towards green consciousness and their social responsibility to conserve natural resources through slide shows, video films and theme based competitions like poster making, slogan writing, card making, quiz and exhibition of reuse/recycling of waste. The college is committed to saving the environment and conducts **Environment Audit**. The staff and the student members of the Eco club conducted an environmental survey of the campus and facilities. The observations were compiled into a report and submitted to the college authorities along with immediate and long term suggestions to improve environment friendly practices in the campus. Outreach programmes are also conducted to empower people of all age groups to assume responsibility for creating a sustainable future.

The college has a very active **Women Cell** which aims at generating awareness regarding women's issues and rights. Besides Women Cell, Committee for Prevention of Sexual Harassment also functions in the college. The objective of Committee for Prevention of Sexual Harassment is to prevent

discrimination and sexual harassment by promoting gender amity among students and employee. Awareness regarding gender issues and sexual harassment are spread by publicizing the policies through multimedia, poster, notice etc.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

Holistic development of student is taken care through value-added courses and enrichment programmes. Although the college has no independent courses focusing on moral and ethical values, these form an integral part of the classroom teaching, discussions and during all interactions with students directly or through societies/forum. The college attaches special significance to value adding activities. The daily sessions of the college starts with the college prayer **“Om Aasatomā sadgamaya, tamosomā jyotirgamaya, mriyormā amritamgamaya, Om śhānti śhānti śhāntih”** which means **“From ignorance, lead me to truth; From darkness, lead me to light; From death, lead me to immortality. Om peace, peace, peace”**. All the functions in the college begin with this prayer and has been inscribed on a board and installed near the main gate. The institution does not teach or talk about morality, but as a learning community it is taught through activities of different societies. Besides the statutory National Days recommended by the university, the college also observe days which has an impact on global ethics and values. In order to promote National Integration, Communal Harmony among the people of all religions, goodwill towards everyone and eschewing violence, the college organises **Sadhbhavana Sammelan**. Representatives of different religions participate and share their views on a common platform. Major festivals are celebrated with traditional fervour and enthusiasm in the women’s hostel.

Employable and life skills are taught through Training and Placement Cell and Guidance and Counselling Cell. **Training and Placement Cell** guides the students through interview techniques and help to place them in careers of their choice. Campus selection opportunities are provided by the various companies for the students. Placement cell motivate and counsel students about industry practices, facilitates real time preparation for company selection and acquaints students about self-employment programmes. The cell organises placement interview in the campus and sometimes pool campuses are also organized. **Guidance and Counselling Cell** directs the students to appropriate assistance for better career choice in achieving their goals. The **Civil Services Aspirant Club** encourages student to follow Gandhi’s belief “be the change you wanted to see”. The institution arranges for mentoring of aspirants of the civil services examination by officials of the respective cadre.

The **Alumni** of the college play a very important role in enriching the learning atmosphere of the college by holding talks and interacting with the students about changing needs of the job market as well as the society.

Community service has become an integral part of the college. The college is organising need based community service every year by identifying and mobilising group of students interested in community service to meet needs of school children in Government Higher Secondary School, Ruabandha, Bhilai. Looking into the problem of inadequate teachers faced by the school, the IQAC of the college took the initiative of organising a two weeks service of imparting knowledge. The college strongly agrees on the value of sensitizing students towards social responsibility. The staff and students relate to their obligation towards the underprivileged section of the society by visiting orphanages and old-age homes where they connect and transform their own lives. The college has adopted village Ruabandha in 2004 and students are encouraged to take active part in programmes like organizing health and hygiene awareness programmes, cleanliness drives, awareness rallies against narcotics, HIV, illiteracy etc. in the village. Gyan Dyan Programme runs for the benefit of school kids at govt. primary school. Students and staff of Education department and NSS unit of the college undertake camps annually in nearby villages and organise awareness programmes and rallies besides performing cultural programmes.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

The college takes feedback from its stakeholders for the enrichment of curriculum from the teachers, students, alumni, parents etc. The feedbacks obtained from the outgoing students are used to improve the core efficacy of the syllabus with respect to career requirements. Discussion with the students and peers from neighbouring colleges is inciting for introducing welcome changes in consonance with the changing social and professional scenario. The meetings with the Alumni are a window to the sterling academic performance that has stood the test of time. These feedback are analyzed and are communicated to the college management and decisions are taken to further improve the curriculum delivery.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The institution monitors and evaluates the quality of its enrichment programs through feedbacks from students, parents, alumni and other stakeholders. Feedbacks from academic peer group participating in various activities also help in monitoring the enrichment programs. The IQAC has members from the Alumni and their suggestions in this direction are incorporated. External and internal audit of all the departments also help in monitoring and evaluating the enrichment programs conducted in the college.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

The institution takes initiative and supplements the University's Curriculum by suggesting the results of the feedback analysis from stakeholders through the Principal of the college.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

There is no formal mechanism to obtain feedback from students and stakeholders on Curriculum

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

BA in Journalism and Mass Communication was introduced in the year 2012-13. This course is affiliated to Kushabhau Thakre Patrakarita Avam Jansanchar Vishwa Vidyalaya (KTPAJVV), Raipur, C.G.

People today depend greatly on the press for being informed. Journalism is taken as inseparable part of any democratic system. It is a strong bridge between concerning authorities and the people. It handles all public issues. **Journalism and Mass Communication** could be interesting for those who like reporting, writing articles or news, presenting news etc. Mass Communication is the study of mass media including all kinds of mass media such as newspaper, magazine, radio, films, television, and others. The graduates from this major study can work in many fields of work such as news and media publishing, public relations, research institutes etc. This field of work is a fast growing industry that is looking for professional enterprising. Therefore, this program has promising job prospect for its graduated students in mass media and communication field such as print, internet, radio, television and corporate communication. Since time immemorial Journalism is considered as a strong voice of the society.

Other relevant information regarding curricular aspects which the college would like to include is discussed in 1.1.7

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

- The College ensures wide publicity for admission by printing the College Prospectus containing the Profile of the College, details of Academic Programmes, the Vision and Mission of the institution, student support services etc. Complete details of the institution are displayed on the college website to facilitate online access to the requisite information about the College and various courses. Advertisement is given in leading newspapers regarding the admissions. The new admission process is carried out during the month of May every year. The process adopted in the College ensures transparency in the admission, as it is supervised by Admission Committee headed by the Principal/Convenor, and heads of various Departments to look after the process. The guidelines for admission are provided by Dept. of Higher Education, Govt. of Chhattisgarh and all the affiliated colleges follow the same guidelines. Candidates seeking admission in first year are accompanied with their parents at the time of admission. Any clarifications needed and queries raised by students or guardians are immediately dealt with by the Convenor / Counsellors and the concerned authority. The prospectus issued to all applicants contains detailed information on the programmes offered, eligibility criteria, duration, core/elective courses, admission procedure, fee structure, available facilities and guidelines for other academic matters. The departmental activities are also mentioned in the prospectus. The college website, www.stthomascollegebhilai.in provides details about the academic programmes, activities and admission procedures. Application form can also be downloaded from the College website by the applicant. All information related to admission for the academic year is notified on the College notice boards. List of eligible candidates for various courses is displayed on the college notice board. For admission to PhD degree all deserving candidates appear for the Pre PhD entrance exam conducted by University. The short listed candidates then enroll for the programme. The Pre-B.Ed admission test is conducted by the state agencies (C.G.Vyapam) and admission for BEd course is done after counselling by the college.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex.(i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution

The college is affiliated to Pt. Ravi Shankar Shukla University, Raipur, C.G. The process of admission, number of seats for various courses and all other relevant information is clearly mentioned in the prospectus. The admission is given as per the norms declared by state government and the affiliated university.

i) Merit:

- Student Enrolment procedures are in accordance with the norms required by the State Government/University. The College has more autonomy in the choice of candidates as it is self-financed college. Candidates are selected on merit basis and in some of the PG courses the criteria followed is first come first serve basis. The college strictly follows the cutoff percentage prescribed by the university.
- The college mission remains true to impart holistic education to young minds from all strata of society. Students with excellent academic credentials as well as first generation learners from disadvantaged sections of the society also seek admission in the college.

ii) Common admission test is conducted by state agencies and national agencies.

- The criteria of common admission test -Pre-B.Ed. conducted by the state agencies (C.G.Vyapam) is only for B.Ed. stream.

(iii) Combination of merit and entrance test or merit, entrance test and Interview.

- As the college is self-financed college, conditions are applied for the students of U.G and P.G, who are selected on merit basis depending upon the availability of seats for each course. Reservation policy of Government is followed as per the rules. The Institution has formulated a detailed procedure for review of admission process.

2.1.3. Give the minimum and maximum percentage of marks for admission at entry level for each of the programs offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

The minimum and maximum percentage of marks for admission at entry level for the programmes offered by the college is as follows (2015-16)

S.No	Department	Minimum %	Maximum %
1	B.Com	52	95
2	BBA	63	82
3	B.Sc	45	85
4	BCA	43	63

5	B.A	45	68
6	BA-JMC	45	72
7	M.Sc (Biotechnology)	48	63
8	M.Sc (Microbiology)	48	68
9	M.Sc (Botany)	48	70
10	M.Sc (Chemistry)	51	75
11	M.Sc (Mathematics)	50	69
12	M.Sc (Computer Science)	50	58
13	M.A.(Economics)	45	63
14	M.A.(English)	45	70
15	M.Com	53	70
16	PGDCA	45	55
17	B.Ed	45	62

2.1.4. Is there a mechanism in the institution to review the admission process and students profile annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes, there is an Admission Committee to review the admission process and students profile annually. Admission Coordinators and Counsellors are appointed for each class to facilitate the admission process. Every year after the admissions, the Governing Body is provided with data. This Body recommends changes and makes proposals.

The institution regularly reviews the academic performance and final exam results of the students and initiates corrective actions. Faculty members of the various streams are appointed as Class Advisers and they monitor the performance of students in various curricular and co- curricular activities. The rapport thus maintained between the faculty members and the students has helped in the holistic development of the students.

Effort: Counsellors analyse each student at the time of admission and advice the talented ones to take up course where they can excel in both academics and co-curricular activities. Time is spent on students to equip them to follow the classes. The college adopts various methods of teaching and learning to make students learn. The stress is more on learning than teaching. That is why a lot of stress is given on departmental seminars, assignments, presentations and discussions as devices of learning. The performance report of the students in Unit Tests and Half Yearly exam is sent to the parents or guardians and if required (in case the student who does not perform well) parents are asked to

meet the Principal or the Class Advisers. Such students are then provided with necessary assistance by the college.

Outcome: The outcome of the above effort is the increasing number of laurels that students bring to the college in academics, co-curricular activities and sports. The number of students enrolled has steadily increased over the years. The increasing demand ratio and the decreasing dropout % are due to the above mentioned efforts thus contributing towards the improvement in the admission process.

2.1.5. Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion.

The reservation policy of the Government is adhered to in the case of SC/ST, OBC, and Minority Community. The seats assigned for merit and reservation are strictly followed according to the regulatory authorities like the Government and University. The economically and socially backward students benefit from Government and Institutional scholarships. Other schemes for Reservation policies of the Government are rigidly followed to ensure that the strategies adopted by the Government for the creation of equity and provision of access to the SC/ST and OBC applicants are implemented. Physically challenged students are admitted adhering to Government norms. The College provides endowment and financial aid for students from economically weaker backgrounds who excel in cultural and sports. Students are made aware of student support services available in the college, like Book Bank Facility, Guidance and Counselling sessions, Training and Placement drives, access to both Central and Departmental library. Students are given admission based upon their excellence in athletics or sports activities at state, national or international level. Various student support measures are provided to the sports students. Awareness is given to the students about various government scholarships available from time to time through notice circulated in the class and displayed in the notice board.

College follows admission reservation for SC/ST/OBC (excluding creamy layer) candidates as per their notification of C.G. Govt. Higher Education.

- * **SC/ST** – Students belonging to SC and ST category get reservation of 14% and 32% respectively.
- * **OBC** – Provision of 15% reservation in admission.
- * **Women**- Girl students get 30% reservation in admission.
- * **Differently abled** - Relaxation as per norms of Higher Education CG Govt.
- * **Economically weaker sections** - Scholarship and other facilities are provided .
- * **Minority community** - Scholarship provided as per the State Govt.
- * **Any other**- Nil

2.1.6. Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase/decrease and actions initiated for improvement.

Programmes	Details	2011-12	2012-13	2013-14	2014-15
BSc	No. of Applications	195	236	241	401
	No. of Admissions	114	135	169	214
	Demand Ratio	0.46:1	0.56:1	0.57:1	0.95:1
BA	No. of Applications	33	41	39	46
	No. of Admissions	24	29	20	25
	Demand Ratio	0.55:1	0.68:1	0.65:1	0.77:1
BCom	No. of Applications	671	626	681	637
	No. of Admissions	464	443	451	365
	Demand Ratio	1.86:1	1.74:1	1.89:1	1.77:1
BBA	No. of Applications	116	112	120	141
	No. of Admissions	60	60	60	60
	Demand Ratio	1.93:1	1.87:1	2.00:1	2.35:1
BCA	No. of Applications	71	72	59	51
	No. of Admissions	30	30	28	22
	Demand Ratio	2.37:1	2.4:1	1.97:1	1.70:1
BJMC	No. of Applications	-	3	10	16
	No. of Admissions	-	3	5	11
	Demand Ratio	-	0.1:1	0.33:1	0.53:1
BEd	No. of Applications	121	177	119	116
	No. of Admissions	99	99	100	100
	Demand Ratio	1.21:1	1.77:1	1.19:1	1.16:1
MSc	No. of Applications	91	108	169	128
	No. of Admissions	50	57	75	71
	Demand Ratio	0.72:1	0.85:1	1.33:1	1.01:1
MA	No. of Applications	44	16	26	23
	No. of Admissions	24	11	23	12
	Demand Ratio	0.73:1	0.26:1	0.43:1	0.38:1
MCom	No. of Applications	31	38	39	61
	No. of Admissions	30	30	30	30
	Demand Ratio	1.03:1	1.27:1	1.3:1	2.03:1
PGDCA	No. of Applications	29	39	37	45
	No. of Admissions	25	30	30	26
	Demand Ratio	0.97:1	1.3:1	1.23:1	1.50:1

The high quality education provided by the College has resulted in more number of students enrolling in the college. There is an increasing trend for admissions in the college. The demand ratio is higher in the Commerce stream whereas in Science and Humanities stream, there is a slight drop. This situation is due to the increase in the number of engineering colleges in the state. Gradually there is an increase in demand ratio as basic course are now preferred by students. With the opening of post graduate course in various

streams like Arts, Science, Mathematics and Computer science, the institution has come out with an action plan to address the skewed preference of the students towards these subjects. Consistent attempts are made by the respective departments to stem the shortfall of students in Basic Sciences and Humanities and also inform them of opportunities that exist in this area. Various activities held under the aegis of the Clubs and Forums of the Departments play a pivotal role in providing a proper road map to the students for their further career enhancement. The workshops, seminars, conferences, guest lectures and study tours held by all departments augment the interest of students in areas like research, which has already been taken up by the institution. The various innovative teaching learning process introduced by the college has also increased the number of students gradually.

2.2. Catering to Student Diversity.

2.2.1. How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

The college strictly follows the policies made by the Higher Education CG Govt. The differently-abled students are provided with all facilities so that they can be at par with the abled students. Visually impaired students are provided with scribes during examination time as per the University norms. Extra time is given to these students for exam and classrooms are shifted to a space convenient for the physically challenged students. In the institution extra care and attention is given by the concerned teachers of the subjects taken by the student to perform well. Learning assistance is provided to them through peer teaching. Special seating is made available to them and maximum support is provided by faculty members as well as the administrative staff.

2.2.2. Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes. The institution organizes Orientation Program for First Year students on the Commencement Day, so that they can take maximum benefit of the opportunities available to them in the College. At the Orientation program students are made aware of the prospects of different courses. The college emphasizes on instilling moral and spiritual values in students. Every year on Commencement Day, Anti Narcotic oath is administered as a part of moral obligation towards society. During the first week of every session the faculty interacts with the first year students in order to assess their needs in terms of knowledge and skills before they begin the syllabus. The staff also takes necessary initiative to deliver a very effective teaching method for improving their knowledge as well as their skills. The experienced staffs are also able to complete their syllabus along with these initiatives.

Orientation programs help in acquainting students to the Professor-in-charges of different Cells, Forums, Clubs etc. Students proficient in these areas contact

the respective teachers and a pool of talent is short listed right from their entry in to the college. The librarian holds a special session and briefs them about the facilities available in the Library. The admission committee holds talks/discussion with students regarding their choice of electives. They also direct students for expert advice to the respective subject teachers.

This Programme is of utmost importance for the college. It is an opportunity to identify the various needs of the students, direct them to opportunities in the campus and motivate them. Students are introduced to the Class Advisers assigned to each class. Selection of teams for extra-curricular and co-curricular activities is chosen after inter-class competitions. Teams are groomed to be winners by asking them to place their best efforts.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

Various techniques and strategies are adopted to bridge the knowledge gap of the students. The Orientation program provides an insight on the students, their need and requirements of the students in terms of knowledge and skills are recognised by the staff members. The performance of students is continuously monitored and assessed by the Class Advisers. One of the responsibilities of the Academic Advisor is to assist students in their academics as well as help make choices for life. Guest lectures, Workshops and Seminars are organized frequently for enrichment. After the first Unit test, students with low performance level are identified and remedial classes are arranged for them.

Bridge course is offered by Department of Computer Science as per the University syllabus for BCA programme.

STAP (Special Teaching Assistance Program) is given to slow learners. Classes are given outside regular teaching schedules. A proper STAP timetable is displayed by all the departments which cater to the queries of both advanced and slow learners. Additional simplified notes, frequent test papers, viva preparation and practical classes are provided to uplift the slow learners.

The College offers various programmes for enhancing the knowledge and ensuring employability skills. Enrichment Programmes like Value Education (like Sarvadharm Sammelana, commemorating the birth anniversary of important personalities who have contributed towards the society), Life Skill Development Course, Personality Development, English Communicative Class and Stress Management seminars (by Bramhakumaris) etc. are organized for the benefit of all the students.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

The College has various Cells and Committees to sensitize its staff and students on issues such as gender, inclusion and environment. The Women's Cell of the College organises workshops, discussions, popular talks, etc. to conscientize the students and teachers on gender issues. Various programs are organised under this cell to orient students and staff to gender equity and other social issues. The aim of the Cell is to promote awareness and active response among women to social issues and bring out their full potential as resources for their own development and that of the nation. Besides the activities of the Cell, the College also responds to social issues related to women. Eminent personalities are invited to motivate and enlighten the students about issues related to women.

The Eco Club of the College celebrates World Environment Day every year. Various activities are held under the aegis of Eco- Club to conscientize the students about the environment. The Club organizes various programmes to provide awareness on conservation of nature and natural resources. Programs for ensuring awareness about current environmental issues through exhibitions, talks and competitions on various environmental topics are arranged. As part of Swacch Bharat Abhiyan, the NCC / NSS wing and students of the College organised programmes like, Campus Cleanliness, Tree Plantation etc.

The NCC /NSS wing and the PG Department of the College is very active in contributing voluntarily towards the betterment of the society. The members of the Staff and the office bearers of the Student Union Council organized a cleanliness drive in the campus.

Every year the college organizes AIDS/Cancer awareness programme with a view to sensitize the students about the fatal diseases. Awareness is created through street play, poster making, skits, elocution etc. in the College and its neighbourhood.

Regular yoga class is held in the College for the students. Yoga day was also observed by the college for teaching and non-teaching staff for physical and mental health. The college Alumnae members also invited for guest lectures on various issues related with gender and environment.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

Advanced learners are identified through regular formative assessment in the form of Unit Test, seminar presentation, interactive classroom teaching and continuous evaluations. Various extension lectures are organized to foster learning needs of advanced learners. These students are mentored for preparation of various competitions. They are also motivated to participate in seminars, conferences, symposiums, oral and poster presentations of State and National level. They are also encouraged to provide peer assistance to the slow learners. The advanced learners in Microbiology/Biotechnology and Botany Departments assist tissue culture experiments and practical are modified in such a way that they have access to green house, botanical and herbal garden.

As advanced learners are an asset to institution they are provided with extra books and learning resources of a more advanced nature which help them to look beyond the classroom teaching and update themselves with the latest information which pave way to explore in the field of research.

2.2.6 How does the institute collect, analyse and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The interaction during the admission procedure with the Principal gathers information on their varied backgrounds, skills and capabilities. The information so received is conveyed to the tutors who take necessary action. The students who are at the risk of drop out are identified through personal interaction by respective departments and they are given counselling. Remedial teaching is provided to help them to overcome their problems, after identifying their areas of difficulty. Personal support and care is given to married girl students to continue their studies. Counselling is provided to the parents on the importance of their wards completing the programme. Financial support and scholarships are provided by the institution to the economically weaker students.

Physically challenged students are provided appropriate support according to the nature of disability.

Academic performance of individual students is primarily assessed through Unit tests, Half Yearly and Model examination. On the basis of these assessments weak students are identified and concerned subject teachers take remedial classes. Retest and assignments are given to such students to improve the standard of slow learners.

The institution encourages students of underprivileged section of society to avail provisions for scholarship offered by the management and government agencies. The tutor-ward system, also comes handy in identifying a student's performance where academic advisors provide counselling and other forms of assistance to improve their performance

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

A Committee constituted under the supervision of Principal prepares a Time-Table as per the requirement from each department at the beginning of the academic session. Every department then prepares their timetable by evenly distributing the teaching hours among the staff. The Academic council meeting is followed by the preparation of Academic calendar before the commencement of the classes. Both these are reviewed by the IQAC which

also monitors its implementation. The session for U.G Course begins in the month of July and ends by February. All P.G Courses, BBA, BJMC follow Semester Pattern. The first semester commences from July and ends by December and the second semester begins by January ends by May.

Teaching plan

All the Heads of Departments, in consultation with faculty members, meet to review academic calendar before the commencement of the session and the course content is split into units keeping in mind the convenience of the learners. With the help of IQAC weekly and monthly teaching schedule is prepared by every teaching faculty and displayed in the website. It is ensured that teachers move from easy to difficult, familiar to unfamiliar and at a pace that is easy for learners to maintain.

Evaluation Blue print

- Besides these 3 Unit Tests, Half Yearly and Model tests (as per the university pattern) are conducted internally before the final examination is conducted by the university.
- Conducting seminars, group discussion, socio-economic survey, excursion etc. are the applied aspects of evaluation being practiced in the college.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

IQAC contributes to improve the teaching – learning process by:

- Introducing more teaching aids to improve the teaching-learning process and also by encouraging the staff to introduce innovative practices.
- Organizing seminars, workshops etc. to spread awareness on academic and social issues.
- Improving the system of teachers' evaluation through feedback from stakeholders to enhance the overall teaching and learning quality of the institution.
- Enhancing the infrastructural facilities in terms of space, equipment, laboratories, library etc. as per changing requirements.
- Introducing new Programs (short term and long term) as per the demand in the current scenario.
- Encouraging the teachers and students of PG classes to join faculty development programs and research activities.
- Motivating faculty members to participate in various seminars, workshops and conference to enrich their knowledge.
- Interacting with parents and alumni and seeking feedback on overall improvement in college activities
- Monitoring academic activities throughout the session through frequent meetings with Heads of departments and suggesting means for quality sustenance and enhancement.

- Facilitating all the committee of the college with regards to performance and provide support to the teachers for their academic, administrative and research endeavours.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

The institution adopts a variety of measures to make the learning process more student-centric. In order to develop skills like interactive and collaborative learning, group activities are conducted. Project work, assignments, paper writing, classroom presentations, quiz etc. are regularly conducted by teachers. Every P.G Department has departmental library which is accessible to all the students. Students seek help from the faculty members of the respective department in selection of reference books and the learning resources.

Various departments organize inter disciplinary activity to enhance the ability for collaborative and interactive learning among the students. Teachers also aid the students in independent learning by providing guidance while preparing for debates and other competitions.

The Regular Activities by the Department of Management Studies is a very prominent feature of the institution which provides a broad platform for the students to overcome stage fear and develop self-confidence. The institution has a Committee for Promotion of Cultural, Literary and Sports activities which consists of student representatives. The best talent to represent the college in Cultural activities is discovered through the Kalapratibha, held at the college level. The selected students represent college at the University level and at the Zonal level competitions.

The NSS, NCC and other extension programmes of the college contribute towards student centric learning. These exposures and activities develop in students attitudes of concern and compassion towards issues of society. The college motivates the students to participate/present papers in seminars, conferences arranged in and around the institution. Students are taken for field trips, study tours and industrial visits to increase their observation skill and learn applicability of the classroom knowledge.

Students are sensitized towards underprivileged people living in orphanages and old age homes as a part of Outreach Programme. Where there is insufficient teaching faculty, the students volunteer for teaching in Govt. Schools thus creating a sense of social responsibility. Students are given the opportunity to give words to their thoughts and emotions through the College Magazine and New Letters. There are various curricular activities for students

that are conducted by the academic associations. Clubs and Forums provide an impetus to the students to explore their area of interest. These clubs function under the guidance of the teachers.

Tutorial, Remedial Class and STAP is given the utmost priority by all the Departments. The Central Library of the college is spacious and has a reading room for the staff and students. The library has placed large number of books to prepare students for the academic as well as for the various competitive exams.

At the level of the infrastructure all efforts are taken to provide facilities like

- Spacious classrooms with adequate light and proper ventilation.
- LCD projectors are installed in both Conference and Seminar Hall.
- College subscribes for daily newspapers, journals and magazines.
- Internet facilities are made available for the staff and students in every department as well as an IT Zone is provided in the library. The campus is Wi-Fi enabled.
- Facilities like a Health Centre with sick room, common room for girls, sports room, Girls' hostel, canteen and ATM are provided in the campus.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

In order to nurture critical thinking, creativity and scientific temper among students, the institution regularly organizes the following:

- Career Guidance Workshops
- Personality Development Classes
- Preparation for Competitive Examinations
- Entrepreneurship Development Programs
- Workshop on Communication skills
- English for Competitive Examinations
- Hands on training in ICT
- Exposure to competitions in extracurricular activities at University, State, Zone, National and International Level.
- Participation in co-curricular activities like seminars, workshops, etc.
- Organizes field trips, study tours and industrial visit.
- Publication of magazines and newsletter enhancing creative skills.
- Developing Event management skills
- Conscientization towards Social Responsibility

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and

Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The technologies and facilities currently available and used by the faculty for effective teaching are as follows:

- Use of Audio-visual aids in classrooms.
- Learning is supplemented by Internet.
- Incorporation of technology based practical for UG and PG students
- All the faculty members have access to Wi-Fi and INFLIBNET
- Screening and online presentations on relevant topics.

2.3.6. How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

Advanced level of knowledge and skills are provided on a regular basis by the institution to supplement the course curriculum and is a continuous process of blended learning that includes:

- Organizing Seminars, Workshops, Conferences, Extension lectures, Educational trips and Science Day celebrations.
- Interaction with scholars at different levels are arranged for faculty and students in the college through seminars, workshops and guest lecture.
- Acknowledge participation of the students and faculty members at National and International Level.
- Opportunities to discuss relevant and contemporary issues with media personals, eminent writers, poets, social workers and bureaucrats.
- Inter-disciplinary programs organised.
- Qualification enhancement is encouraged for staff.
- Provision of infrastructure and necessary assistance required for assignments (project and internships) which are mandatory as per curriculum.

2.3.7. Detail (process and the number of students)benefitted) on the academic, personal and psycho-social support and guidance services (professional counselling/mentoring/academic advise) provided to students?

The support services extended to the students are in the form of associations /clubs /cell etc. Institution has a **Guidance and Counselling Cell** for academic and career counselling. The Cell organizes workshops and invites counsellors and experts from leading institutions to help them chalk out academic roadmaps for students. Experts from professional coaching institution are invited to familiarise students with the mode of preparation and pattern of competitive exams like banking, UPSC, PSC etc.

The Coordinator of the Guidance and Counselling cell provides socio- psycho counselling to the needy students in order to help them deal with their academic and personal problems. Academic advisors counsel for problems

related to anxiety, stress, and examination phobia. In case of critical situations Parent-Teacher meetings are arranged in order to jointly address the problem. The numbers of students benefitted are 210.

The **Training and Placement Cell** informs employment advertisements that are published in various newspapers. It also prominently display information of any Recruitment Drives taken out by agencies like the Mahindra Finances, EXL Services, GenPact, Wipro, Cipla, Syntel, Apex Lab, Axis bank, Ambuja, ACC Limited. The Central Library regularly displays the employment news in both English and Hindi throughout the week. This Cell prepares the students to face employment drives. The numbers of students benefitted are 65.

Student Support Systems includes variety of instructional methods, educational services, or resources provided to students in the effort to help them accelerate their learning process, catch up with their peers, meet learning standards and succeed in studies. These systems support the academic development and educational goals of all students and are committed to providing access to individual learners within the college diverse community. Most of the students are benefitted through this support system.

The **Grievance Redressal Cell** supports the students by addressing their grievances related to varied issues. Any complaint or grievance is immediately forwarded to the members of the Cell. Complaints range from academic matters, library, student - teacher relationship and on matters pertaining to student amenities. Apart from this staff members often help students who are unable to pay their fees. Specimen copies of books are generously donated to the needy students.

2.3.8. Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The management always encourages adopting innovative teaching practices for student learning. Various innovative approaches adopted by the faculty which resulted in better performance of the students in both academics and co-curricular activities are as follows:

- Subject experts are invited to deliver extension lectures which acts as a catalyst to enhance the students' knowledge
- ICT methods are used by the faculty. Subject related documentary and short films are screened
- Educational and Fields Trips are organized.
- Inter- disciplinary activities are emphasised.
- Departmental Association conducts programmes to foster competency among the students.

2.3.9. How are library resources used to augment the teaching- learning process?

The library occupies a very prominent part in the institution. A spacious reading room is available for the students and staff. Reference Books, magazines, journals and Newspapers are accessible to the students. The library resources are used to augment the teaching learning process by providing both teachers and students the relevant books and journals that are essential for their academic development. Besides the Central library all the PG Departments have separate collection of books to facilitate the staff and students. The Library has a Reference Section which students can access within the library and has a separate collection of books for competitive examinations. The library follows an open access system. Apart from the Central and Departmental Libraries, the college has a unique facility of Book Bank that caters exclusively to SC/ST/OBC/Minority students. The Central Library and all Departmental Libraries function on all week days except Sundays and Government holidays. The library issues question papers of previous years for reference which help the students to understand the question pattern and prepare for their upcoming examinations accordingly. The Library also has the facility of INFLIBNET resource for e-learning.

2.3.10. Does the institution face any challenges in completing the curriculum within the planned timeframe and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

The institution runs Undergraduate and Postgraduate courses. The challenges in the completion of the curriculum within a planned timeframe and calendar are many but the institution effectively handles these challenges. The in- built mechanisms followed by the institution are as follows:

- An Academic Calendar is circulated among the staff members prior to the beginning of each academic session and are instructed to complete the syllabus within the time frame.
- Each department submits a work plan of UG and PG before the beginning of each session to the Principal and IQAC monitors its implementation.
- In case of syllabus incompleteness IQAC suggest to take up extra classes to complete the course.

2.3.11. How does the institute monitor and evaluate the quality of teaching learning?

The college monitors and evaluates the quality of teaching - learning in various ways. Internal Departmental Audit system has been established by the management to monitor and evaluate the quality of teaching-learning. Students evaluate the teachers towards the end of the session. From the analysis of the feedback, the quality of teaching is evaluated, and, if required, the necessary measures are taken to improve the quality of teaching-learning. The following

measures are also taken to monitor and evaluate the quality of teaching-learning:

- Preparation of academic time table.
- Publication of Academic Calendar each year.
- Preparation of Monthly and Weekly Teaching Plan by the faculty.
- Analysis of the results of the university examinations.
- Emphasis on Syllabus completion.
- Regular meetings in the Department with the faculties.
- Monitoring process through IQAC

The IQAC coordinates between the different faculty members, students and stakeholders by monitoring and evaluating the quality of teaching learning. From the feedback on teachers received from students the IQAC discusses the steps to be taken in improving the academic standard of the institution. It focuses on the efficacy of the teaching tools used by teachers and how they could be further improved for upgrading the standard of teaching. Teachers are encouraged to attend workshops that aim at the enhancement of the quality of higher education.

The Unit test, Half Yearly and Model Exams are conducted in the stipulated time frame of the university calendar. The internal assessment provides an overview of the student's performance. Students whose performance is not up to the mark are counselled and provided extra coaching for improving their results.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

The Institution follows the guidelines of university and advertises its vacant positions through newspapers. Management and Principal short lists the competent and qualified teachers (as per the Govt. norms) in order of merit. Preference is given to NET/SET/PhD. Candidates are called for personal interview. The selection panel includes Subject Experts appointed by University, Management Representatives, Principal and Head of the concerned Department. Communication Skill and Research capability is given preference. As per the guidelines of UGC teaching faculty are appointed in Statutory 28.

Retention of teaching faculty is based on the discipline, class room management, evaluation by students and overall result of the students.

In the Academic session 2015-16 the faculty strength to handle the courses is as follows:

Highest Qualificaton	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.SC./ D.Litt.	-	-	-	-	-	-	-
Ph.D		-	4	4	3	13	24
M.Phil.	-	-	-	1	2	19	22
PG	-	-	-	-	5	8	13
Temporary Teachers							
Ph.D	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	16	16
Part – time							
Ph.D	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	2	2

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The college has the freedom to provide competent faculty to the students as per the demands of respective courses. The college regularly appoints temporary teachers in addition to the permanent and Guest teachers to fulfil its responsibility towards the students. Such appointments are made in the subjects like, Biotechnology, Computer Science, Mathematics, IT and many other new and expanding departments. The college generates its own funds from self-financing courses to pay salary for such appointments. Existing faculty are nominated to upgrade themselves with the latest trends by attending Orientation, Refresher and Summer Schools. Total figures of nomination for last three years are Orientation Course -2, Refresher Course – 10, Summer School - 49. Through such programs faculty members are benefitted and its impact are reflected in the exemplary results of the institution in general.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a. Nomination to staff development programmes.

Number of faculty nominated are:

S N	Courses	2011-12	2012-13	2013-14	2014-15
1	Refresher courses	1	2	2	6
2	HRD programmes	-	-	-	-
3	Orientation programmes	-	2	-	-
4	Staff training conducted by the university	-	1	-	-
5	Summer / winter schools, workshops, etc	17	16	15	18
6	Staff training conducted by other institutions	-	1	-	-
7	UGC - FDP	-	2	-	4
8	Others	-	-	1	-

b. Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning.

The IQAC conducted the following sessions:

- 2 day workshop on Research Methodology was organized on January 17-18, 2012 by Prof. G.S.Bajpai, National Law University, Delhi
- CCOST – Sponsored 5 day workshop on Research Methodology and Data Analysis in Socio- behavioural Research on Feb 11-15, 2013
- Interdisciplinary Talk on Scientometrics: Quantitative Feature of Scientific Research by Dr. James Mathew on 26.7.2014.
- 6 day Workshop on Computer training for Non-Teaching staff of the college by The Department of Mathematics and Computer Science from 22.6.2015-27.6.2015
- As Pt. Ravishankar Shukla University, Raipur is in the process of introducing **Choice Based Credit System (CBCS)**, a Faculty Development Programme was organised.
Prof. A. K. Pati, Director of IQAC, Pt. Ravishankar Shukla University Raipur delivered an informative talk on “**Choice Chance Changes**” on various aspects of benefits and challenges of Choice Based Credit system on 12th Dec, 2015 .
- In House Workshop on Use of Electronic Resources on 11th May, 2016
Resource Persons: 1. Dr. S Sengupta, Chief Librarian, Pt. RSU Raipur
2. Dr. M I Ahmed, Assistant Librarian, Pt. RSU Raipur

c) Percentage of faculty invited as resource persons in Workshops/ Seminars / Conferences organized by external professional agencies; participated in external Workshops/ Seminars/Conferences recognized by national/ international professional bodies; presented

papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies.

Faculty Training Programmes 2011-2014

Session	Invited as resource persons in workshop/seminars/conferences organized by external professional agencies (%)	Participated in external Workshops / Seminars / Conferences recognized by national/international professional bodies	Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies
2011-12	-	41	53
2012-13	2	24	39
2013-14	1	10	29
2014-15	6	15	21

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The management is committed to promote research or otherwise ensure professional development of the faculty. The college encourages research aptitude among teachers and students in all possible ways. There is a Committee for Promotion of Research Activities, which motivates the teachers for academic advancements, and helps them to apply to UGC for fellowships. The institution extends maximum cooperation to the scholars while pursuing PhD programme. The college faculty also under takes minor/major research projects. Teachers are also given duty leave to present papers in seminars, conferences etc. All the departments of the college organize Seminar/Conference/Workshops of State, National and maximum numbers of teachers are facilitated to attend such programmes outside the college.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

Faculty received awards / recognition at the state, national and international level for excellence in teaching during the last four years.

Honours, Awards and Distinction:

SN	Name of the Teacher	Subject	Description of Nomination, Honour Awards	Felicitating Authority
01	Dr. Debjani Mukherjee	Psychology	Young Career Award, 2012	ISSBB Canada
02	Dr. Shubha Thakur	Biotechnology	Young Scientists Award, 2014	CCOST
03	Lt.(Mrs.) Surekha Jawade	NCC	Commandant's Certificate of Merit, 2014	NCC Officers Training Academy Gwalior MP and CG Directorate
04	Dr. Chanda Verma	Chemistry	Best Teacher Award, 2015	Rotary Club of Bhilai Crown, CG

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Yes. The college has developed a feedback mechanism for the evaluation of teachers by students. The evaluation of teachers is done at the end of the academic year wherein students assess teachers on various teaching-learning parameters which ranges from teacher effectiveness in the classroom to curriculum comprehension. The feedback in a structured performa is submitted to the Principal. On basis of the evaluation done by the students the teachers are intimated for corrective measures, if necessary. The evaluation helps the teachers to understand their strengths and weaknesses. The feedback is used to make improvement in the performance of the faculty. This practice has proved very beneficial as far as teaching-learning process is concerned. The Academic Audit by the panel of peers appointed by the management also helps in evaluating the performance of the teacher individually.

2.5 Evaluation Process and Reforms**2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?**

To ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes; the institution takes the following measures:

- Peer assistance from reputed institutions is taken on improving the evaluation processes.
- An orientation for the new faculty members is conducted every year. Instructions regarding invigilation duty and the processes involved in

matters relating to examination malpractices by students and the general conduct to be observed during invigilation is given.

- The students are made aware of the evaluation process during the Orientation Programmes held at the commencement of the class.
- Information about the schedule of the examination or changes, if any, is intimated to the students through notice board and notice circulated in the class.
- The evaluation methods are communicated through announcements in the class rooms.
- The progress of the students is monitored by the teachers through class tests, written assignments, oral tests, group discussions and interactive sessions.
- After the unit test, Half yearly and Model Exams, the performance of the student is intimated to the parents.
- If a student falls short of attendance and performance is low, parents are intimated and requested to discuss the matter with the Academic Advisor, HOD/ Principal personally.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The major evaluation reforms of the university that the institution has adopted are

- Introduced semester system in 2011-12 for all PG classes.
- Internal Assessment has been introduced to ensure fair evaluation.
- An external invigilation system has been introduced from 2010-11 to check the menace of copying.
- Initiative has been taken to understand Choice Based Credit System in P.G Semester Course where the candidates will be assessed on the basis of Cumulative Grade Point Average (CGPA).

Evaluation Reforms initiated by the institution -

The college is ceaselessly engaged in improving its systems and to keep them fool proof. Following reforms have been initiated recently in the evaluation system:

- To bring uniformity in marking scripts by involving fresh recruits, the scripts are scrutinized by senior teachers randomly and anomalies are pointed out to them.
- Special tests for advanced and slow learners are arranged.
- Assignments-based internal assessment is taken in many courses.
- Answer sheets of the internal exams are given to students so that they see and can discuss their answer and be assured that no partiality or favouritism has crept into evaluation.

2.5.3. How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

The institution ensures effective implementation of the evaluation reforms of the university and those initiated by the institution on its own through Academic Staff Council and IQAC. For the smooth conduct of the Examination, Chief Centre Superintendent, Centre Superintendent and Assistant Superintendent are appointed by the Principal. Strict instructions are given to the faculty members regarding the evaluation of the answer scripts, and the statements of marks to be submitted to the university in time. For the effective implementation of evaluation reforms of the college, the information about the evaluation process is communicated to the students and teachers through academic calendar, notices, and meetings. After the evaluation their performance is discussed with the students and necessary instructions are given for their better performance.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure students achievement. Cite a few examples which have positively impacted the system.

The formative and summative assessment approaches of the Institution are different for Undergraduate and Post graduate courses.

Formative Assessment.

- In the undergraduate class 3 unit tests, half yearly and Model Exam are conducted as a part of formative assessment. There is no provision of these assessments to be included in the final results of the students.
- In P.G Semester Course 20% of the total marks constitute the internal assessment. The internal valuation is done on basis of 2 Unit Tests, Model Exam, Attendance, Seminar, Paper Presentation and Submission of Assignments.

Summative Assessment

- In End Semester Examination for PG each paper is of 80 marks and 20 marks for the Internal Assessment.
- Practical Examinations
- Viva voce
- Project work (if any)

Impact on the System:

The College has a systematic schedule of monitoring the progress of students. The impact of formative assessment is by means of Unit Tests. This primarily focuses on smaller portions of the syllabi. It charts out areas where a student lacks and needs further help to improve. The results of the internal summative assessments are communicated to the students. The Semester End

Examination results are declared online. Parents are intimated regarding the progress and attendance of the candidate if not satisfactory. Academic Advisers interact with parents on such issues. Remedial classes are designed to assist the weak students. Meetings are conducted by the Principal to assess the performance of the students in general. This accountability by the institution has led to an overall development of the students.

2.5.5. Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.)

In order to ensure rigor and transparency in the internal assessment, the system of internal assessment is communicated to the students beforehand and they are also made aware of the evaluation pattern as per the University norms. In the undergraduate programmes internal assessment is made through the three unit tests, Half Yearly and Model examination, although there is no provision for any weightage of marks in the final examination which is of a summative nature. The entire curriculum is executed in such a way that, the continuous evaluation procedure prepares the student to face the final examination with lesser exam anxiety. Furthermore the answer books are corrected and returned to the students with remarks from the teacher concerned. Slow learners and under performers are given special tutelage and are closely monitored in subsequent examinations.

As the internal assessment for students enrolled for Post Graduate program includes a formative assessment, of a weightage of 20%, teachers make their continuous evaluation not only on the basis of their written performance but also through the various assignments and project work allotted to them. Besides internal tests for Post Graduate students other aspects like discipline, participation of the student in seminars, paper presentations, departmental activities, project etc. are also taken into account.

2.5.6. What are the graduates attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

- The attributes that the college aspires to inculcate among the graduates are –
- a. The student should have a disciplined mind, subject knowledge, emotional maturity, socially concerned, spiritually committed and environment conscious.
 - b. The college ensures attainment of these graduate attributes by the students through various academic programme as well as other means such as-
 - Provide a value based holistic education that will prove to be in good stead in their future.
 - Shape and mould their personalities so that they are ready for the job

market.

- Groom them in various interdisciplinary areas so that they can excel in competitive examinations.
- Provide them the right environment to take on self-learning which will prove beneficial for higher studies and research.
- Develop entrepreneurial skill so that their dependency on the job market is less.

Value Education

- Inculcate healthy Practices
- NCC and NSS activities
- Personality development programme
- Life-skill development programmes
- Cultural and literary activities
- Sports activities

2.5.7. What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

There is a mechanism for redressal of grievances with reference to evaluation both at the college and university levels. The mechanism for redressal of grievance at the internal examination is usually less as students get their answer sheets back immediately after their examination. If any discrepancy in marking is brought to notice, teachers immediately attend to it and make the necessary amendments.

At University Level, the mechanism for the redressal of the grievances is as per the university rules. There is a three tier procedure that includes retotalling, revaluation or even a re-revaluation. For each of these procedures candidates have to apply with the stipulated fees. Xerox copy of the Answer script is provided to the students on demand. This is an innovative and healthy practice of the university.

2.6. Student performance and Learning Outcomes

2.6.1. Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Yes, the college has clearly stated learning outcomes for all the programs. The institution's vision and mission clearly enumerates the learning outcomes. While the stress is on the overall development of the student the institution provides the motivation for independent thinking, so that each program of study culminates in the further development of the necessary skills. The student and staff are made aware of these through the college website, the college notice boards, and prospectus. They are also addressed through various activities such as guest/experts lecturers, study tours, the Principal's address to the students in the beginning of academic year, and meetings of the Principal with the stakeholders.

Academic Excellence:

- To provide an in depth knowledge in their respective disciplines, supplemented through additional resources available both within and outside the institution.
- To develop critical thinking and the ability to synthesize knowledge in order to understand the various phenomena that is operational in nature and in society.
- Creating a degree of proficiency in the use of ICT.

Skills:

- Developing speaking skills and interpersonal skills.
- Developing leadership qualities by assigning various responsibilities and allowing them to work independently.

Socially Responsible Citizens:

The social service activities taken up by NCC and NSS inculcate in the students a responsibility towards the society of which they are a part. The PG students undertake activities towards community development. It does not remain as isolated activity but care is taken to spread the roots deeper into their understanding so that the sensitivity for social issues is inculcated in them.

2.6.2. Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students' results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes / courses offered.

The college monitors the progress of the students through the analysis of their performance in the internal and university examinations. The institution conducts the tests as directed in the academic calendar and answer scripts are given to the students. A record of the assessments is kept by the Class Adviser and necessary counselling is done in a sustained manner. The progress and performance of students through the duration of the course is communicated to the students and parents through the assessment report of students followed by parents-teachers meeting. Telephonic information is given for students with shortage of attendance and poor performance in the internal examinations conducted.

An analysis of the students results/achievements (Programme/course wise for last four years) is as follows:

UG Courses

Programme	Pass %			
	2011-12	2012-13	2013-14	2014-15
B.A –I	100	100	94.44	73.07
B.A –II	93.33	95.45	100	86.66
B.A –III	100	100	100	95.23
B.Sc –I	61.53	50.4	53.66	59.47
B.Sc –II	100	62.9	85.71	70.37
B.Sc –III	82	91.25	90.91	90.9
B.Com –I	79.2	70.6	66.4	78.1
B.Com –II	83.1	98.66	90.3	87.86
B.Com –III	96.4	97.76	95.12	93.01
BCA –I	69.44	75	78.6	41.67
BCA –II	66.66	81.25	78.57	80.77
BCA –III	80	90.9	91.66	73.9
B.Ed.	100	97.95	98	95.95
BJMC I Sem	-	66.66	80	100
BJMC II Sem	-	100	100	100
BJMC III Sem	-	-	100	100
BJMC IV Sem	-	-	100	100
BJMC V Sem	-	-	-	100
BJMC VI Sem	-	-	-	100
BBA-I Sem.	98.18	98.18	98.33	94.73
BBA-II Sem.	100	96.22	93.22	98.1
BBA-III Sem.	95.83	96.29	100	98.18
BBA-IV Sem.	95.65	98.07	100	100
BBA-V Sem.	97.56	97.77	100	100
BBA-VI Sem.	100	100	100	100

PG

Programme	Pass %			
	2011-12	2012-13	2013-14	2014-15
M.Com. I Sem	96.7	88.46	90	80
M.Com. II Sem	70	73.07	96.7	100
M.Com. III Sem	-	100	52.17	85.18
M.Com. IV Sem	-	93.1	85.71	92.5
M.Com. Final	90	-	-	-
M.A English I Sem	100	100	90	91.66
M.A English II Sem	80	100	100	83.33
M.A English III Sem	-	100	100	100
M.A English IV Sem	-	100	100	88.88
M.A Final English	100	-	-	-
M.A Economics I	100	-	100	-

Sem				
M.A Economics II Sem	100	-	100	-
M.A Economics III Sem	-	100	100	100
M.A Economics IV Sem	-	100	100	100
M.A Economics Final	100	-		-
M.Sc Botany I Sem	100	90	100	88.8
M.Sc Botany II Sem	80	100	100	100
M.Sc Botany III Sem	-	100	100	100
M.Sc Botany IV Sem	-	100	100	100
M.Sc Botany Final	100	-	-	-
M.Sc Chemistry I Sem	47.36	90	80	82.35
M.Sc Chemistry II Sem	88.89	84.21	50	75
M.Sc Chemistry III Sem	-	94.44	89.47	57.9
M.Sc Chemistry IV Sem	-	94.44	94.73	74
M.Sc Mathematics I Sem	100	100	90.90	89.37
M.Sc Mathematics II Sem	100	80	100	88.5
M.Sc Mathematics III Sem	-	100	100	100
M.Sc Mathematics IV Sem	-	100	100	95.5
M.Sc Mathematics Final	100	-	-	-
M.Sc Comp. Sc. I Sem	100	66.66	75	100
M.Sc Comp. Sc. II Sem	100	100	75	87.5
M.Sc Comp. Sc. III Sem	-	100	50	100
M.Sc Comp. Sc. IV Sem	-	100	100	100
M.Sc Comp. Sc. Final	100	-	-	-
M.Sc Biotechnology I Sem	100	100	100	100
M.Sc Biotechnology II Sem	100	100	100	100

M.Sc Biotechnology III Sem	-	100	100	100
M.Sc Biotechnology IV Sem	-	100	100	100
M.Sc Biotech. Final	100		-	-
M.Sc Microbiology I Sem	100	100	100	100
M.Sc Microbiology II Sem	80	100	100	100
M.Sc Microbiology III Sem	-	100	100	100
M.Sc Microbiology IV Sem	-	100	100	100
M.Sc Microbiology Final	100	-	-	-
PGDCA I Sem	54.16	61.28	80.95	96.55
PGDCA II Sem	92.30	100	75.86	96.4

2.6.3. How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The college publishes the Academic Calendar every year well in advance and is uploaded in the College website to inform the students regarding programmes to be conducted in the session. Regular teaching is done as per the time table which is prepared at the beginning of the academic year. Syllabus is covered as per the teaching plan prepared by the concerned faculty. Various extracurricular, co-curricular activities are organized regularly; as well as, personal counselling is done in the classes to get the intended learning outcomes. For the assessment of the student performance, summative and formative assessment approaches are followed to get the intended learning outcomes. The teaching, learning and assessment processes are reviewed by the IQAC, Principal and the management through the practice of Department Audit by the peer team appointed by the management. This also helps in achieving the intended learning outcomes. The teaching learning and assessment strategies being a continuous process, ultimately helps the students to be mentally strong and to get over the anxiety over examinations. Furthermore teachers also are in a better position to take details of the students' performance and attend to their grey areas.

2.6.4 .What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Measures/Initiatives taken up by the institution to enhance the social and economic relevance through the courses offered by it include:

The institution has a proactive Training and Placement Cell which provide opportunities for the students to get employment in the various organizations. The Cell invites speakers, conducts sessions/workshops for students on employment opportunities and courses available for further specialization in higher studies. It trains students in writing CVs and preparing for interviews. The Placement Cell invites companies for the purpose of campus recruitments of students. Proper guidance for competitive examinations is also provided through external sources.

Entrepreneurial skills: Equal opportunity is given to students from all backgrounds to improve their entrepreneurship skills through various programmes organised in the college. Workshops on candle making, mushroom cultivation, paper crafts etc. are organised to increase the entrepreneurship skills in the students.

A separate **Committee for Promotion of Research Activities** has been established to promote research aptitude among the students by allowing them to participate in seminars, workshops, conferences, and project work. The college motivates students to participate in the innovative and research activities by guiding them to take part in competitions organized by various colleges.

Innovations:

Students are also motivated to contribute in the college magazine to generate creativity and innovative aptitude.

The students are instructed by the faculty about the social and economic aspects of particular subjects. The students are taken to the field visits to show them the social relevance of the subject. Various activities are organized to show the social and economic relevance of the concerned subjects – like environment awareness programme, tree plantation, conservation of nature, cleanliness campaign, AIDS awareness programme, Women's Education, Women Empowerment programmes, Save Energy Drive etc.

Employability:

PGDCA course reflects the efforts made by the institution to provide more employability for the students. Likewise the introduction of Computer Applications in undergraduate courses provides the students opting for the subject an additional area of learning along with their course subjects. Introduction of BA in Journalism and Mass Communication also is an initiative taken in that direction.

2.6.5. How does the institution collect and analyse data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

The institution collects data on student performance and learning outcomes in various ways like:

- Students' performance in Internal Exams.
- Performance in Annual / Semester exams
- Participation in Departmental, Curricular and extra-curricular activities.
- Participation in Outreach and Extension Programme
- Feedback from Parents, Alumni and Stake Holders.

On the basis of Data Collected, the areas which need improvement are identified and preventive measures are taken and discussed by the management, Governing Body, Staff Council and Academic Council. This discussion at various levels help in a better planning and overcoming the hurdles of Learning. Quality of the assessment is monitored by the IQAC on students learning outcomes.

The college uses this data and prepares proposals for remedial classes:-

- To identify advanced and slow learners and plan strategies.
- To improve learning outcomes of all the categories.
- To remove learning barriers by providing remedial classes, peer learning, tutorials etc.

2.6.6. How does the institution monitor and ensure the achievement of learning outcomes?

The college monitors the achievement of learning outcomes through IQAC and Academic Council by

- Identifying slow and advance learners and making policies to improve their learning followed by monitoring their improvement.
- Conducting class tests and retests.
- Holding class discussions.
- Organizing seminars/workshops/guest lectures/ etc.
- Taking Remedial classes.
- Laying stress on written assignments.
- Feedback from Parents and Alumni.
- Achievement in various fields.

2.6.7. Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Yes, the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning, by conducting internal examination, assignments, class revision etc. The institution conducts internal examinations

which help to assess the students' performance and the teachers provide assignments to the students with the subject related topics and few of current trends. The teachers also take feedback session where after the completion of the unit the teacher conducts classes to clear doubt. This practice helps the teacher to understand the learning capacity of students, attributes of the students that need to be strengthened and planning to adapt different mode to explain a particular topic .

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

- Teaching is more research oriented for PG Classes.
- Approach towards learning is more pragmatic than theoretical for UG and PG students.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research centre/s of the affiliating University or any other agency/organization?

Yes, The Department of Microbiology has a Research Centre recognised by Pt. Ravishankar Shukla University, Raipur. The college intends to apply for the approval of Research Centre in Commerce and English in due course of time.

3.1.2. Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes. It is the vision and mission of the Institute to foster a philosophy of research among the students and the staff. The Committee for Promotion of Research Activities (COPRA) is functioning in the college with the following objectives

- To nurture positive attitude towards research and logical reasoning in staff and students.
- To update staff and students with latest researches in their respective fields.
- To help staff and students to understand the research trends in different disciplines.
- To invite, scrutinize and forward research proposals drafted by staff members to funding agencies.

The COPRA is constituted with a convenor and 7 members of the college having research aptitude and inclination in promoting research.

Some of the recommendations made by the committee are as follows:

- Promote potential researchers by providing necessary assistance.
- Dissemination of information like funding agencies, plagiarism, data bases and impact factor.
- Publish research work in reputed national and international journals with high impact factor.
- Interdisciplinary innovation to be taken up.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

Autonomy to the principal investigator

The principal investigator is given full freedom with respect to expenditure, equipment purchase and travel in case of field work as per the requirement of the project.

Timely availability or release of resources

For smooth progress / conduct of research projects, the Principal Investigator is facilitated with timely release of funds and making all resources available as and when required.

Adequate infrastructure and human resources

Administrative and technical support is provided to the researchers as and when required. The college also provides facilities for conducting research activities like library, laboratories etc. even on non-working days.

Time-off, reduced teaching load, special leave etc. to teachers

As per the university regulations, faculties are required to be present in the college for 7 hours a day although teaching is for 4-5 hours. Hence, there is no consideration in remission of workload. Management considers relaxation during working hours when there is a need.

Support in terms of technology and information needs

The college has a large number of computers with internet connectivity in the computer lab. In addition, there is an IT Zone in the library and internet connectivity in all departments. Online services of the library provide access to a vast collection of e-books and e-journals.

Facilitate timely auditing and submission of utilization certificate to funding authorities

Periodic monitoring is done during the research period by the college authorities and research committee. Subsequently, progress reports are forwarded through proper channels to the funding agency. An audit is carried out after the due completion of the project. Internal auditor of the college audits the accounts and issues utilization certificate which in turn is submitted by the principal investigator to the funding agency.

3.1.4. What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

Every department of the college organizes poster presentation and oral presentation for P.G. students on general and/or curriculum related topics thus helping them in nurturing **scientific temper** and developing **research aptitude**. The research committee of the college encourages participation of students for presenting papers in conferences and seminars organized in nearby institutions. The institution advances seed money to all departments towards organizational expenses to conduct seminars and workshops thus developing **research culture** in the college. The college encourages teachers to include one or two research based information as part of curriculum delivery. The institution has made continuous efforts to create necessary infrastructure in the form of well-equipped library and computer center.

3.1.5. Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual / collaborative research activity, etc).

Four members of the faculty are approved research guide. The details are as follows:

S N	Name	Department	No. of students		
			Registered	Awarded	Co-Guide
1	Dr. Reny George	Mathematics	01	01	Nil
2	Dr. M. G. Roymon	Microbiology	05	02	02
3	Dr. Ashok Kumar Mishra	Commerce	03	01	Nil
4	Dr. Sonia Popli	Education	04	02	Nil

The following details (last four years) depicts the promotion of research culture among its faculty members.

PhD Completed during service	On-going PhD	PhD Teachers engaged in further research			Number of papers presented in conferences and seminars	Collaborative Research
		Paper Publications	Minor research Project	Major research Project		
16	11	176	17	1	141	8 departments

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

In last five year the following programs were organized by the college in the field of research

SN.	Year	Events
1.	2011-12	Two day workshop on “Research Methodology” by the college for all the staff member and scholars of the college
2.	2012-13	Five Day workshop on “Research Methodology and statistical analysis” by Department of Psychology sponsored by CCOST.

3.	2014-15	IQAC Interdisciplinary talk by Dr. James Mathew Department of Chemistry – Scientometrics: Quantitative Feature of Scientific Research.
4.	2015-16	Research Publications and Citation Analysis was the title of the talk delivered by Dr. Reny George, Principal, St. Thomas College, Bhilai Mr. Mahendra Ikhar, Dept. of Management delivered a talk on Research Approach and Research Design

3.1.7. Provide details of prioritised research areas and the expertise available with the Institution.

The college has a Research Centre in Dept. of Microbiology recognized by Pt. Ravishankar Shukla University, Raipur and the major area of research is environmental biology. The areas of expertise of other departments are as follows:

Department	Areas of Expertise
Commerce	Capital Market, Investment, Finance and Banking
Chemistry	Environmental studies in industries, Chemical Analysis and Instrumentation related studies
Computer	Website Development and Database Management Systems
Management	Marketing, Finance, Production and HR
Mathematics	Algebra, Topology, Functional analysis, Operations Research
Microbiology/Biotech	Environmental microbiology, Plant biotechnology and Molecular biology
Zoology	Pharmacology and Toxicology
Botany	Molecular Biology and Phycology
English	Indian Writing in English
Psychology	Organisational Behaviour and Positive Psychology
Economics	Working Women in Organised and Unorganized Sector Child Labour in Unorganised Sector.

3.1.8. Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students.

The college tries to get eminent researchers as speakers or resource persons for seminars, conferences, workshops and guest lectures to enable the students and faculty members to interact with them. Eminent scholars include:

Name	Designation	Event
Dr. Rambhooj	Program specialist, Ecological and Earth Sciences, UNESCO, New Delhi	National Conference organized in 2011-12
Dr. T.S. Pal	Professor, IIT Kharagpur	National Seminar organized in 2011-12
Dr. Anjali Pal	Professor, IIT Kharagpur	National Seminar organized in 2011-12
Dr. P.S. Tripathy	Professor of Management and Finance, Banaras Hindu University	National Conference organized in 2013-14
Dr. Sunil Kumar Maity	Professor, IIT Hyderabad	National Seminar organized in 2014-15
Dr. Neera Pandey	HOD, Department of Education. Shanakara College of Education, Bhilai	Guest Lecture 2014-15
Prof. Dr. Man Singh Parmar	Vice Chancellor, Kushabhau Thakre Patrakarita Avam Jansanchar Vishwa Vidhyalay, Raipur	Orientation Programme 2015-16
Dr. M. Karuppayil	Professor, SRTM, Nanded	Guest Lecture Dept. of Microbiology and Biotechnology, 2015-16
Dr. Asha Shukla	Chairperson of Pt. Madhav Rao Sapre Research Centre, KTPAJVV, Raipur	Student Interaction 2015-16
Dr. A.K.Someshekhar	Technical Director NIC CG State Centre	Guest Lecture in Lecture Series 2015-16
Prof. H.K. Pathak	HOD, Dept of Mathematics Kalyan PG Autonomous College, Bhilai	Guest Lecture in Lecture Series 2015-16
Dr. R.D. Sarma	Professor, Dept of Mathematics, Delhi University	National Science Day, 2015-16
Dr. Utkarsh Ghate	Director, Covenant Centre for Development, Durg	National Science Day, 2015-16
Mr.Mukesh Yadav	Director Fluency Academy	Communication Skills 2015-16

Mr. Abhishek Agrawal	Writer and Novelist (National Level)	Creative Writing 2015-16
Prof. R. Gothwal	Dept. of Biotechnology Barkatullah University, Bhopal	Guest Lecture in Lecture Series
Prof. K. Shende	Dept. of Bioinformatics Barkatullah University, Bhopal	Guest Lecture in Lecture Series
Prof. K.K Sahu	SOS Biotechnology Pt. R S University, Raipur	Guest Lecture in Lecture Series

In order to inculcate research culture amongst the faculty, the IQAC invited researchers to conduct workshops on research methodology and educational technology.

Name	Designation
Dr. B.G. Singh	VC, Pt. Sunderlal Sharma University, Bilaspur.
Dr. Manas Mondal	Director, DIPR-DRDO, Delhi
Dr. G.S. Bajpai	Prof. National Law University, Delhi
Dr. D.P. Singh	Head. Research Methodology Dept. TISS, Mumbai
Dr. Soumi Awasthi	Scientist, DIPR, Delhi
Dr. Naval Bajpai	IIM, Raipur

3.1.9. What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

NIL

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

NIL

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is yearmarked for Research? Give details of major heads of expenditure, financial allocation and actual utilization.

Financial year	% of total budget	Expenditure Head	Financial allocation	Actual Utilization
2011-12	0.01	Consumables	Rs. 50,000.00	Rs. 77183.00
2012-13	0.01	Consumables	Rs. 50,000.00	Rs. 88594.00
2013-14	0.01	Consumables	Rs. 50,000.00	Rs. 64391.00
2014-15	0.01	Consumables	Rs. 50,000.00	Rs. 138816.00

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The institution does not provide seed money for research but facilitates research by providing infrastructural facilities like library, laboratories, chemicals, glasswares and internet.

3.2.3 What are the financial provisions made available for student research projects by students?

No provisions at present.

3.2.4 How does the various department /units/ staff of the institute interact in taking inter-disciplinary research? Cite examples of successful endeavours and challenges faced in organizing in interdisciplinary research.

The organization has relatively low barriers between departments for interdisciplinary activities. For the inculcation of research aptitude in the students, several initiatives like conducting interdisciplinary lectures, the institution takes up seminars and discourses on current issues in various subjects. Faculties have taken steps in this direction to sustain the practice of collaboration.

Courses based on interactive pedagogy allow students to make connections across different realms of experience. The college encourages students to transcend the typical constraints of a single content area and engage in interdisciplinary learning to raise the level of their critical thinking, creativity and communication skills. Most courses in the college have a strong research orientation, with research projects forming an integral part of the training of undergraduate students.

The major impediments to interdisciplinary research in the institution include limited resources, specifically funds and infrastructural facilities and

overcoming disciplinary idiosyncrasies including difference in language and scientific paradigms (like analytical and methodological constructs). Also at times, students and teachers from different disciplines are not able to find a common time for discussions due to differing timetables. The temporal challenges are faced in coordinating interdisciplinary research design, because data collection varies across different disciplines.

3.2.5 How does the institute ensure optimal use of various equipment and Research facilities of the institution by its staff and students?

Any student or staff can use all the laboratories/computer lab/equipment and library for research purpose. These facilities can be availed even on holidays. The projects/assignments at the UG and PG levels are designed in such a way to ensure optimal use of various equipment and facilities of the institution. The Institute takes various measures to ensure optimal use of various equipment and research facilities of the institution by its staff and students. Students and staff members of any department can easily approach and access any of the instruments available in the department. The Plant Tissue Culture Lab is a joint venture among the Departments of Biotechnology, Microbiology and Botany.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If yes, give details.

Nil

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received in last four years.

The research committee disseminates information about funding agencies and provides support to the teachers to prepare the proposal. Follow-up meetings are held to ensure the submission of proposals. A number of faculties are engaged in UGC/CCOST research projects.

Details of ongoing and completed projects and grants received in last four years:

Nature of the Project	Durati on From - To	Title of the Project	Funding agency	Total Grant Sanctioned (Rs)	Total Grant received till date (Rs)
Minor Project	2011-2013	To study the effectiveness of Anger Management on Aggressive	UGC	1,50,000.00	1,50,000.00

		Behaviour and Academic Anxiety of Middle School Students of CG state.			
Minor Project	2011-2013	Effect of Liver and Renal toxicity induced by Arsenic compounds and the role of Zeolite in Teleost Cat fish, Heteropneustes fossils.	UGC	1,60,000.00	1,32,000.00
Minor Project	2011-2013	Effect of Occupational Stress on Teacher Effectiveness of the Secondary School Teachers	UGC	1,50,000.00	90,000.00
Minor Project	2012-2013	Microbial production of fructosyl transferase for the synthesis of prebiotic food	UGC	95,000.00	50,000.00
Minor Project	2012-2013	“Occupation and Employment Pattern of Women in the unorganized sector in Durg District of Chhattisgarh State with Special Reference to the Backward Class,”	UGC	1,00,000.00	65,000.00
Minor Project	2012-2013	“Industrial Environmental Impact On Child Labour In Chhattisgarh: With Special Reference To Durg District”	UGC	1,00,000.00	65,000.00
Minor Project	2012-2014	Photochemical Analysis of Fresh Water Algae as Bioresource	UGC	1,60,000.00	1,00,000.00
Minor Project	2012-2014	Isolation and Characterisation of thermoalkophilic Bacterial Xylanase from Bhilai-Durg region	UGC	1,95,000.00	1,78,320.00
Minor Project	2013-2014	A study of Effectiveness of Training and	UGC	1,10,000.00	80,000.00

		Development on SAIL Employees			
Minor Project	2013-2014	Chatravasi aivam gair chatravasi ki samvegatmak budhika tulnatmak addyayan	UGC	85,000.00	85,000.00
Minor Project	2013-2014	A study to access the performance and quality of financial decision making in BSP through the application of accounting information especially through cash flow and earnings .	UGC	1,00,000.00	90,000.00
Minor Project	2014-2015	Analysis of awareness of Consumer Protection Act 1986 with special reference to Durg Bhilai region of CG	UGC	1,45,000.00	1,27,500.00
Minor Project	2014-2015	5 year plan- A boon to CG economy.	UGC	1,50,000.00	95,000.00
Minor Project	2014-2015	Coaching classes as business model in the field of higher education with special reference to Bhilai and Durg cities of CG state.	UGC	80,000.00	80,000.00
Minor Project	2014-2016	To study the hypoglycaemic effect of phyto chemicals obtained from locally available plants on albino rats.	UGC	3,50,000.00	2,50,000.00
Minor Project	2014-2016	A comparative study of Self-Perception on Teaching Effectiveness of Government and Non- Government School teachers	UGC	2,10,000.00	1,45,000.00

Minor Project	2014-2016	Vibhahan Vidhyalaya Ke Kaksha Nauke Vidhyarthiyoun ki Tark Yoghyata ka Tulnatmak Adhyayan	UGC	1,45,000.00	95,000.00
Major Project	2011-2014	Biodiversity of important Bacterial Pathogens occurring in the river Shivrath of Durg district	UGC	8,40,300.00	7,83,260.00
Inter-disciplinary projects	Nil	-	-	-	-
Student's Research Projects	Nil	-	-	-	-
Any other	Nil	-	-	-	-

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- Students are motivated to present papers and posters at inter-college and inter- university levels.
- Students volunteer to work on research projects.
- Subscription to national and international journals in the central library.
- Additional resources like INFLIBNET are made available to teachers and scholars.
- Computer laboratory with several computers and unlimited internet access are made available to teachers and students
- All the science laboratories are well equipped and the equipment are:

Department	Equipment
Chemistry	Spectrophotometer, Flame Photometer and Tensiometer
Computer	84 computers, printers-4, OHP-1, Software like

Science	Oracle, 10i, Visual Studio, Java.net and Visual C++
Life Sciences (Botany Zoology Microbiology Biotechnology)	GEL-DOC, HPLC, PCR, Spectrophotometer, Soxlet Apparatus, Water Filtration Assembly, Inverted Microscope, Shaking Incubator, Deep Freezer, Laminar Air flow, Tissue Culture Rack, Phase Contrast Microscope, Digital Balance, pH Meter, Colori Meter, Soil and Water Testing Kit, Micro-centrifuge, Autoclave and Trinocular Microscope
Physics	Function Generator, CRO, Spectrum Analyzer, Newton's Ring Apparatus and Hall Effect Apparatus

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

The Institute has various strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research. The Institute encourages its departments to apply for funding agencies besides UGC and CCOST. Department of Botany is planning to submit interdisciplinary project proposal. The Institute has managed to increase the number of applications for major and minor research projects. Research projects have contributed significantly towards upgrading and strengthening the infrastructure. The management is keen on promoting research by procuring latest instruments and software packages. The management creates synergies between research and teaching learning and encourages research work that benefits the society.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments/facilities created during the last four years.

No

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

In order to develop research aptitude and culture in the students, study tours and internships are organised and the details are as follows:

Departments	Industrial Tours/Study Tours
Botany	Study tours were organized to Pachmarhi, Jatmai and Amarkantak for the study of endemic flora.

Commerce	Industrial tours to Monnet Ispat (Raigarh), Century Cement (Baikunth, Tilda) and Ambuja Cement Limited (Raipur) were organized for the students so as to provide them practical knowledge and ensure that they gain first-hand experience of industries by acquainting them with operations.
Chemistry	Educational tour to BALCO Sterilite Industries Limited, Korba was organized to know about the direct metallurgical operations going on in the aluminium plant. Educational tour to AMUL India, Anand, Gujarat was organized. The students were exposed to the working of milk processing and other milk products in the plant.
Microbiology/Biotechnology	Industrial tour to Dev Leela Biotech, Raipur and Dev Bhog Milk Industry, Kumhari was organized for the undergraduate and postgraduate students.
Zoology	Study tours were organized to Government Fisheries, Sewage Treatment Plant and Water Treatment Plant in Bhilai.

Departments	Internship Details
Biotech/Microbiology	Students and research scholars are sent to government institutes and centralized institutions like IARI(Delhi), CDRI, CCSM, Bose Institute(Kolkata), DRDO etc.
Management	Every year final year are sent for internship programs to various companies like BSP, BK, BEC, SECL, CIL, BALCO etc.
Computer	Students are sent to various organizations like BSP, Jawaharlal Nehru Hospital and Research Centre (Bhilai), local gas agencies, RTO, insurance companies, educational institutions, banks etc. around Bhilai where they work on either making a new database management system or updating the existing one.
Education	Students are sent to various government schools in Chhattisgarh during their second and third semester.

3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

The college library has excellent collection of reference books in all the subjects apart from numerous textbooks, periodicals and magazines. It also provides access to various national and international journals, including e-journals. In addition to that, INFLIBNET services are also available in the library to enable researchers to review the literature and thesis or research projects of different subjects. Free internet access and reprographic unit are also available to all staff and students within the college. Collaborative research facilities such as the laboratory instruments, computer printers, books and journals are created out of funds sanctioned to project investigators by funding agencies.

3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc

Departments	Collaborations for Research Activities
Chemistry	<ul style="list-style-type: none"> • Environmental Modelling Works in collaboration with School of Studies, Chemistry of Pandit Ravishankar Shukla University, Raipur. • Dr. Chanda Verma is co-investigator of 2 project in collaboration with Bhilai Institute of Technology, Durg <ol style="list-style-type: none"> 1. CCOST in 2013-14. 2. NRFCC, BRNS, Department of Atomic Energy, GOI, 2016 • MSc pass out students are preferred as project fellows in BIT.
Microbiology	Established collaboration with NiTza Biologicals Hyderabad. This collaboration has resulted in hands on training on new and advanced technology in Molecular Biology and Genetics
Physics	Collaborates with the department of Applied Physics of ISM, Dhanbad and SoS in Electronics and Photonics of Pandit Ravishankar Shukla University, Raipur regarding sharing of facilities and equipment.
Mathematics	Dr. Reny George: A major research project is undergoing at Salman bin Abdul Aziz University (Kingdom of Saudi Arabia).

Psychology	Dr. Debjani Mukherjee: 1. Research work at University of Roma, Italy which deals with the topic of finding positivity in today's youth on global basis is completed 2. Co-Investigator of a Research Project sanctioned by Project UNICEF in collaboration with JLN Medical College, Raipur.
Commerce	Registered as a research guide at Pt. Ravishankar Shukla University, Raipur. MATS University, Dr. CV Raman University, Kota and is collaborated with VYT PG autonomous College, Durg for Research Centre facility
Education	Registered as a Research Guide at MATS University, Raipur and Pt. Ravishankar Shukla University, Raipur and is collaborated with Kalyan PG Autonomous College Bhilai for Research Centre
Botany	Initiatives are taken to develop collaboration with The Covenant Centre for Development, Durg.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

- **Patents obtained and filed (process and product):** No patents were filed or obtained by the staff and students of the institution.
- **Original research contributing to product improvement:** No research contributing to product improvement has been conducted
- **Research studies or surveys benefiting the community or improving the services:** The outcomes of the following research projects undertaken by the faculty members can benefit the society.

FACULTY	PROJECT
Biotechnology and Microbiology Dr. M.G. Roymon	Completed major research project on "Biodiversity of important bacterial pathogens occurring in river Shivnath of Durg district"
Biotechnology and Microbiology Mrs. V. Shanti	Completed minor research project on "Isolation and characterization of thermoalkalophilic Bacterial Xylanase from Bhilai, Durg region"
Commerce Dr. Ashok Kumar Mishra	Completed minor research project on "A study to assess the performance and quality of financial decision making in Bhilai Steel Plant through the application of accounting information especially cash flow and earnings."
Chemistry	Doctoral thesis on study of Anionic Surfactants

Dr. Chanda Verma	and its Removal Technique.
Commerce Dr. Sapna Sharma	Doctoral thesis on “Economic development of tourist centers in Chhattisgarh-a comparative study”
Commerce Dr. Sheeja Varkey	Completed minor research project on “Analysis of awareness of Consumer Protection Act 1986 with special reference to Durg-Bhilai region of Chhattisgarh”
Commerce Mrs. Rincy B. Abraham	Completed minor research project on “Five year plan-a boon to Chhattisgarh economy”
Commerce Dr. Bhuvana Venkatraman	Doctoral thesis on “A study of the power and energy scenario in the economic development of Chhattisgarh with special reference to thermal power” Completed minor research project on “Coaching classes as business model in the field of higher education with special reference to Bhilai and Durg cities of Chhattisgarh state”
Education Mrs. Deepti Santosh	Effect of occupational stress on teacher effectiveness of the secondary school teachers
Education Dr. Shabnam Khan	To study the effectiveness of anger management on aggressive behavior and academic anxiety of middle school children of Chhattisgarh (Year 2011)
Education Dr. Reema Dewangan	A comparative study of impact of self-perception on teaching effectiveness of government and non-government school teachers of Durg district (Year 2014)
Education Mrs. Rupa Shrivastava	Vibhinna vidyalaya ke kaksha 9 ke vidyarthiyon ki tark yogyata ka tulanatmak adhyan (Year 2014).
Education Mrs. Surekha Jawade	Chatrawasi evam ghair chatrawasi ki samvedatmak buddhi ka tulnatmak aadhyan.
Zoology Dr. Jayasree Balasubramanian	Effect of Liver and Renal toxicity induced by arsenic compounds and the role of Zeolites in Teleost cat fish.
Zoology Dr. Joyamma John	Study on hypoglycemic effect on phytochemicals obtained from locally available plants on albino rats.

- **Research inputs contributing to new initiatives and social development**

The researchers of the college are encouraged to take new initiative towards social development in their research.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The college partnered in publishing of Volume 05 and Issue 02 of Asian Journal of Management which is an international peer-reviewed quarterly Journal of Managerial Sciences. The department of Management Studies organized a national conference on “Challenges Facing Management Education – An Indian Perspective” on February 25-26, 2014 and the proceedings of the conference were published in the journal. The editor of the special issue was Dr. Susan R. Abraham, Assistant Professor and Head of the Department of Management Studies.

3.4.3 Give details of publications by the faculty and students

Annexure-V: Details of publication by the faculty.

3.4.4 Provide details (if any) of Recognitions for research contributions.

Department	Research Awards Received by Faculty	Recognition Received by Faculty from Reputed Professional Bodies & Agencies	Incentives Given to Faculty for Receiving Recognitions for Research Contributions
Biotechnology	Ms. Shubha Thakur got Young Scientist Award in 2015 in Bioscience	Chhattisgarh Council of Science & Technology	Incentive of Rs. 10,000 given by CCOST

3.5 Consultancy

The college is exploring possibilities to offer consultancy through the staff and encourages them to take up consultancy services. The Guidance and Counselling services of the college offers free consultancy to school students of the region. These services include number of sessions with the students and parents on peer pressure, personal issues and career guidance.

The PG Department of Chemistry offers consultancy services in Drinking Water Testing and analysis. People residing in the township and private areas bring water samples from sources like tap water, municipal water supply, ground water and stagnant water.

3.5.1 Give details of the systems and strategies for establishing institute-industry interface.

The Training and Placement Cell has evolved as a platform for establishing linkages with industry through increased interaction with industry personnel. The Cell plans activities annually and implements them as per the availability of the industry experts. These activities include interactive sessions, panel discussion, mock interviews etc. The college organizes industrial visits in various departments on a regular basis. This kind of visit leads to develop an interface resulting socio-public relationship.

The academic council also aims towards creating institutionalized interface with the industry, research bodies and academia taking due representation from industry. Industry-Institute interface meetings are arranged and students are taken on Industrial visits. During these visits, discussions and consultations are held with industrialists.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The college is yet to develop a structured consultancy policy being a self-financed institution. The faculty is encouraged to use their contacts to establish possible area of consultancy.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The staff is encouraged to carry out consultancy services. The management permits use of facilities available for consultancy.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Consultancy services are offered by the Department of Psychology and the thrust area is Guidance and counselling. Students from nearby schools and their parents seek consultation from the counsellor of the college regarding career, peer pressure and personal issues which were hampering their personality.

The PG Department of Chemistry offers consultancy services in Drinking Water Testing and analysis. People residing in the township and private areas bring water samples from sources like tap water, municipal water supply, ground water and stagnant water. The college then establishes an educational, testing, guidance on treatment and self-monitoring program.

All these services are provided free of cost to the society.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: institution) and its use for institutional development?

The college is in the process of developing a structured consultancy policy. At present all the consultancy services are free of charge.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighborhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The college celebrates several important days throughout the year in which special programmes are organized by different departments both on individual and collective basis. Some of those special days include Science Day, World Literacy Day, Earth Day, Hindi Day, International nonviolence Day, International Yoga Day, Constitution Day, World Environment Day amongst others. Different cells are also constituted, each addressing a specific issue.

Cells	Objectives
Women Cell	Works for educating the students about the rights of women and takes significant steps towards female empowerment.
Training and Placement Cell	Provides placement assistance, career guidance and training to students, along with information regarding various avenues and contemporary industrial practices.
Grievance Redressal Cell	Formed with the purpose of the registering and resolving legitimate grievances of students.
Eco Club	Actively working towards spreading awareness about one's duty to conserve natural resources and assume responsibility for creating sustainable future.
Physics Forum	Aims to provide a platform for developing the young minds and gives them the required information regarding the various avenues of research which can be explored by them.
Zoological Forum-Terrestria	Focuses on making students aware of the latest developments taking place in the field of zoology and kindle their interest regarding biodiversity, environmental conservation etc.
Commerce Association-Commzenith	Enrich the knowledge base of students and accelerate their learning curve in almost all spheres of their lives by organizing various value generating programmes.
Association of Chemical and Environmental Science	Intends to give a platform to students and researchers alike to interact on topics

(ACES)	related to chemical and environmental sciences.
Botanical Association	Formed with the objective of cultivating, promoting and disseminating the knowledge of all the branches of plant sciences.
Association of Journalism and Mass Communication –Sakal Samvad	Inspire aspiring media professionals and develop an atmosphere of rational and healthy communication within the college.
Association of Mathematics and Computer Science- Zeitgeist	Building interest of students towards the two subjects and making them aware of various developments and possibilities that are available to them .
Economics Association-The Wizard	Brings forth the hidden talents of students by conducting various activities for the all-round development of the students apart from the regular academic curriculum.
Language Forum	Inculcate language and communication skills among the students that will assist them to advance in their chosen fields through proper use and knowledge of English.
Management Association- Unborn Archons	Platform to develop managerial skills, leadership skills and organizational skills among the students.
Civil Services Aspirant Club (CSAC)	Motivating and guiding students to excel in UPSC exams and state PSC exams.
Psychology Association- The Psychometricians	It runs a psychometric testing corner which evaluates cognitive levels of students to diagnose their potential and shortcomings and take the necessary corrective measures.

The above mentioned forums and associations formed by the different departments focus on encouraging innovation among their members by engaging them in research, updating them about the latest developments in the subject area, furthering critical thinking attitude and giving adequate exposure to art, culture and science.

Apart from that PTA, NSS, NCC, Alumni Association, Anti-Narcotic Movement, Yoga Centre, Central Library and IQAC are some of the bodies actively operating in the college that shoulder the responsibility of maintaining and upgrading institutional, civic and social responsibility.

The students of the college participate in various inter and intra college competitions including the Youth Festival organized by the university every year with full vigor and sportsman spirit. They bring laurels for their Alma mater in academic, cultural and sports events.

STAP (Special Teaching Assistance Programme) classes are conducted all-round the year by every department so as to improve the academic performance of students through special coaching facility. These extra classes, conducted in addition to the normal classes enable the students to get their doubts cleared and acquire a good hold on subjects they are weak in.

Community oriented activities of the departments and specialized units like NSS and NCC reflect the commitment of the college and its members towards the society. Visits to old age homes, orphanages, school for the blind, blood donation camps, awareness campaigns, tree plantation programmes are some of the noteworthy activities hosted by the college. Inspired by the cleanliness drive launched by the Prime Minister Mr. Narendra Modi, namely, Swachh Bharat Abhiyan, the college organized campus cleaning drive and campaign relating to banning the use of plastics within the college campus.

The college believes in fostering the all-round development of the students and it focuses on nurturing their talents not only in academic arena but also in cultural activities and sports. In order to build up and hone the intellectual skills and scientific thinking of the youth, the college has organized thematic seminars and workshops. The esteemed presence of many distinguished guests honored the institution which benefitted from their knowledge and experience.

Public representatives like news reporters, local and state political leaders, civil servants, social workers and parents are invited as guests in various functions of the college in order to forge and strengthen the bond of the college with community at large. They are welcomed to be a part of the growth and celebration of success of the students.

Scholarships are awarded not only to the meritorious students but also to the students belonging to the underprivileged classes and backward sections of the society. A student's union is also active in the college. The members chosen through democratic election process represent the interests of the students and ensure smooth and disciplined functioning of the college in cooperation with staff members.

All the above mentioned activities promote institution-neighbourhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements/activities which promote citizenship roles?

The college has constituted various committees and cell consisting of staff and students. The convener and faculty member in the committee keep the track of students involved in social movements/activities.

Through the activities of committee the students participate in various social movements/activities which create a sense of responsibility and leads to good citizenship qualities in the student community. The anti-narcotic drive, anti-ragging movement and prohibition of sexual harassment, creating awareness about ones rights and duties, protecting the environment, instilling patriotism are ways in which the institution promotes citizenship education.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

Feedback helps in assessing the quality of academic inputs for all programs. The college is keen on getting suggestions from various stakeholders for its future advancement. Regular feedback from parents is sought to gauge their level of satisfaction with the functioning and facilities provided by the college. Feedback from the students is also taken on annual basis through impersonal surveys to know about their opinions regarding the college atmosphere, conduct of classes and their overall experience in the college. Suggestions from student's union are taken into consideration. The principal follows an open door policy for lending a sympathetic ear to constructive suggestions and genuine grievances of the students.

Both formal and informal interactions with alumni members helps the institution to know about their perceptions and kind of changes they want to see in the college. Valuable inputs are also gained through appraisal of the trustees about the efficiency of the courses/ programs and effectiveness of the teaching practices.

Each department maintains records of interactions and discussions with parents and alumni members. After the data related to stakeholders' perception about the overall performance is collected, it is analysed in detail so as to incorporate the required improvements and/or modifications in curricular, co-curricular and extra-curricular activities.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Provide the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

The college has adopted the nearby settlement in Ruabandha in an attempt to help the rural people get rid from issues like illiteracy, superstitious beliefs, open defecation and alcohol addiction. This long term engagement was made with the cooperation and full-fledged support of the panchayat and also the

villagers and will include supervision, planning and implementation of all progressive and developmental activities for the locals. The village is the starting point of all the extension and outreach activities planned and executed by the college.

The college has an established IQAC which handles the extension and outreach programs of the college since 2014-15. The volunteering work includes education, environment concerns and health issues for underprivileged community. The nature of work includes need assessment surveys, awareness campaigns/programs, art and crafts workshop and volunteer by taking classes of those subjects for which they have insufficient teachers.

The activities for session were as follows:

Department	Extension/ Outreach/ Community Service Program
Botany	<ul style="list-style-type: none"> • The students of MSc visited the Old-age Home of Sisters of Charity in Shanti Nagar. They distributed fruits and spent some quality time with them trying to understand their joys and sorrows. • MSc students took classes in BSP Sector 2 Middle School. They took all the periods before lunch break of students studying in class 6, 7 and 8. • 19 students volunteered by taking classes for 8,9,10 at Govt. Higher Secondary School, Ruabandha on Biology and EVS for which they have insufficient teachers.
Biotechnology and Microbiology	<ul style="list-style-type: none"> • The post graduate students taught Biology in class 8 and 9 Government Higher Secondary School, Rubandha, Bhilai. • 6 days teaching session included topics like heredity and variation, gene concept, operon concept, linkage and crossing over and gene expression through powerpoint presentations.
Chemistry	<ul style="list-style-type: none"> • Mr.Sheshnarayan Parganiha of M.Sc IV semester taught the topic of physical chemistry (CHEMICAL KINETICS) to class XII students for a week. He used different teaching methods to make them understand and effective way like power point presentation was also shown. Students of the school were benefitted. Sheshnarayan was also benefitted

	<p>with the teaching experiences.</p> <ul style="list-style-type: none"> • MSc students volunteered by taking classes for 8,9,10 at Govt. Higher Secondary School, Ruabandha on general topics in chemistry for which they have insufficient teachers.
Commerce	<ul style="list-style-type: none"> • 30 MCom students engaged the classes at Dr. Baba Saheb Ambedkar Higher Secondary School, Station Maroda, Bhilai, Distt. Durg under the aegis of CommZenith. • A quiz was conducted for the students and prizes were distributed. Apart from that, soap strips were distributed to all the students to promote cleanliness. • MCom students volunteered by taking classes for 8,9,10 at Govt. Higher Secondary School, Ruabandha on social science for which they have insufficient teachers.
Economics	<ul style="list-style-type: none"> • Awareness Programme organized at Govt. Middle School, Ruabandha, Bhilai. PPT presentation on “Importance of Girl Education” • A Skit on “Say No to Child Labour was organised by the BA and MA students • Gyaandaan program was organise by the PG and UG students for weak students at the Primary wing of govt. School Ruabandha throughout the year.
Education	<p>A literacy Awareness Program was conducted in Risama village which included a rally related to literacy awareness, educational skit and educational survey. B.Ed students taught children at middle and higher secondary school in Risama village.</p>
English	<ul style="list-style-type: none"> • Outreach Program on ‘Cleanliness Awareness’ was organised by students of M.A English and B.A. at Govt. Primary School, Ruabandha, Bhilai. The Rally was taken from the college to the school, with 28 students and 3 faculty members. • MA students volunteered by taking classes for 8,9,10 at Govt. Higher Secondary School,

	Ruabandha on grammar.
Mathematics and Computer Science	<ul style="list-style-type: none"> • Under the aegis of Zeitgeist organized a community service “Learning With Fun” in St. Thomas College for 45-50 students of Class IV and V from Govt. Primary School, Ruabandha. • MSc students volunteered by taking classes on Fractions for Class IV and V from Govt. Primary School, Ruabandha.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The college encourages students to voluntarily join NCC and NSS. A NCC unit is actively functioning in the college. It's established with the purpose of building strong character traits and foster the qualities of leadership, comradeship, secular outlook, spirit of adventure, discipline, patriotism and courage among the students. They are conditioned not only to develop high endurance but also safeguard nation's unity and integrity. Accommodating 52 boys (SD) and 52 girls (SW), it holds B certificate examination for the cadets after they complete a year with the platoon and C certificate after they complete 2 years of cadetship. Regular parade is conducted on every Saturday as per the norms prescribed by DG, NCC, Delhi. The training of cadets includes drill, map reading, field craft, social studies, civil defense and camp activities. The cadets are also motivated to take up a career in Armed Forces of India. Students get bonus marks for their participation in NCC activities and camps as per the norms of the government and Pandit Ravishankar Shukla University, Raipur. There is also a provision of scholarships upto Rs. 13,000 sponsored by Sahara India for the cadets. Community service activities undertaken by the NCC cadets include tree plantation program, AIDS awareness programme and Anti-Narcotics Awareness rally.

The NSS unit of St. Thomas College aims at personality development of the students through social services. NSS activities also aim at creating environment consciousness, helping the underprivileged and creating social responsibility. B level and C level examinations are also conducted every year.

Major Activities And Achievements In NSS:

(A) Regular Activities:

- Independence Day and Republic Day, Teachers Day, NSS Day, International Youth Day, World AIDS Day, Youth Day are celebrated by the volunteers actively.
- Visit to “Red Ribbon Express” at Durg railway station

- Blood Donation Camp
- Cancer Awareness Programme
- Anti-Narcotics and Anti AIDS Rally
- Vocational Training
- Sahej Yog
- Cleanliness Campaign
- Tree Plantation

(B) Camp Activities:

- Cleanliness Campaign
- Self discipline, self cooking, self management of time, money and limited resources.
- Prabhat Pheri
- Time-scheduling of daily routine activities
- Boudhik Charcha
- Dental Check Up For Rural School Children.
- Yoga For School Students
- Ready To Eat' Programme for Village Women on how to make homemade cerelac i.e., nutritious baby food.
- Socio-Economic Survey of the community
- Community sports and games played between NSS volunteers and students of Govt. schools.
- Recreational games arranged for community women by NSS volunteers.
- Quiz competitions for students of community schools.
- Vocational training programmes for students of community schools like Candle-making, Book- binding, envelope and paper- bag making by NSS volunteers.

(C) Community Outreach Activities:

- Visit to blind school by NSS volunteers
- Visit To Oldage Home of Sisters of Charity

Session	Camp Venue	Stay Tenure
2011 – 2012	Dundera	28 th Sep – 4 th Oct, 2011
2012 – 2013	Khapri	15 th Dec – 21 st Dec, 2012

2013 – 2014	Purai	3 rd Jan – 9 th Jan, 2014
2015 – 2016	Karanja	10 th Dec – 16 th Dec, 2015

Representation at NSS camp

Name of Students Attended State Level, University Level And National Level Camps And Training Programmes of the NSS volunteer	Level of representation	Tenure of camping
Neelima Lakra	NSS Republic Day Parade Camp at National Level	1 st to 31 st Jan, 2013
Neelima Lakra	Pre-Republic Day Parade Camp at METAS, by NSS Regional Centre, Patna.	5 th to 14 th Oct, 2012
Neelima Lakra	National Level, “Training in Self-Defence Techniques” by special police unit for women and children at Jawaharlal Nehru Stadium, New Delhi.	10 th to 21 st Jan, 2013
Snehil Sharma	State Level Camp at Ratanpur, Bilaspur.	4 th to 10 th Jan, 2013
M.S.Girish Pillai	University Level Camp at Pt. Ravi Shankar Shukla University, Raipur.	14 th to 20 th Jan, 2013

COMPETITIONS ORGANISED BY NSS WING OF THE COLLEGE:

Event	Topic	Name of the Winner
Essay	“Are we helping	Prathmesh Tripathi

Competition	beggars by offering money or should we discourage begging”.	BJMC-I semester Medha Modak of B.Com-III
Debate Competition	“Multinational Corporation – Are they devils in disguise”.	Amandeep Kaur of B.Sc-I (for the motion) Prathmesh Tripathi of BJMC-I semester (against the motion)

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

The institution has always tried to ensure continuous and intensive student engagement with social issues through extensive community outreach programs. Apart from organizing various awareness programmes in rural areas on socially relevant issues like illiteracy, AIDS, sanitation, girl education, child labour etc., it also has made a conscious effort to promote social justice as a value in learning process and administrative interactions. The details about social surveys and research work undertaken by the college for the vulnerable sections of society are as follows:

Research work / Social survey	Year	Area Covered
Minor Project	2012-2013	“Industrial Environmental Impact On Child Labour In Chhattisgarh: With Special Reference to Durg District”
Minor Project	2012-2013	“Occupation and Employment Pattern of Women in the unorganized sector in Durg District of Chhattisgarh State with Special Reference to the Backward Class,”
Social survey	2014-15	Educational survey was conducted in Risama village by the education department of the college.

The teachers inculcate a sense of empowerment and provide equal opportunities for growth to all the students irrespective of their backgrounds. Their proactive interaction focuses on ensuring that the youth develop a positive self-image, have decision-making power, and most importantly,

understand the range of options from which they can healthy, informed choices to meet life's challenges.

In addition to that, teachers on their personal level regularly visit orphanages, old age homes, local slums and engage in charity work by donating money, food, clothes, books etc.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The college emphasizes on informing and inculcating social and human values among the students. The teachers act as guides, facilitators and mentors to prepare the students as strong, determined, socially sensitive and ethically responsible individuals of the future. Along with enhancing their theoretical knowledge, they also impart value education by the way they conduct themselves in the class as well as in the campus. Teachers share their practical knowledge to develop emotional intelligence, soft skills, organizational skills and interpersonal skills of the students. They lay stress on cultivating the virtues of honesty, justice, empathy, tolerance, integrity, courage and perseverance so that students emerge as agents of change in future and work for the betterment of the society. The staff volunteers with the students exposing them to the spirit volunteerism and selfless service. The college believes in adopting modern thinking and state of art technologies at the same time staying true to the cultural roots and traditional values. It also upholds steadfast faith in the adage of Vasudhaiva Kutumbakam and accentuates on infusing the spirit of brotherhood, communal harmony, volunteerism and philanthropy among the students directed towards environmental preservation and upliftment of weaker sections so as to enable them to join mainstream society.

Their commitment towards the society is clearly visible not only through their increased and proactive participation in extension and outreach activities but also initiates in conducting charity in small scale.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

- The NCC and NSS camps are organized with the help and involvement of the local community. The residents give their full support to the initiatives of the college and also engage whole heartedly in the activities.
- The entire staff and students of the schools where the college carries its extension activities extend their full cooperation for smooth conduct of the teaching work.

- The college also invites social activists, motivational speakers and professional experts to give lectures and discourses for the personality development of the students.
- Medical check-up and blood donation drives are organized in collaboration with hospitals of the region, NGOs and spiritual organizations like Skandashram.
- The village panchayat and the villagers participate in all the awareness programs and rallies organized in the rural areas.
- The management board and the employees of the companies where the students go for educational tours ensure that the students are benefitted from their knowledge and experience.
- After the outreach programmes are executed as per plans, feedback from the beneficiaries help to pursue greater challenges and deepen the efforts in future.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The constructive relationships with other institutions of the locality have resulted in positive outcome so that all the outreach activities are continued. Due to working on various outreach and extension programs at local, rural and industrial setup students have developed contacts and skills to execute which is beneficial in future.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The Blood Donation drive of the college has won recognition and appreciation by the local bodies. The college has Blood Donation Club with members interested in donating blood as and when required by poor and needy patients as well as hospitals.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The collaboration and interaction with research laboratories, institutes and industry for research activities are as follows:

Departments	Collaborations/ Interactions for Research Activities
Chemistry	<ul style="list-style-type: none"> • Environmental Modelling Works in collaboration with School of Studies, Chemistry of Pandit Ravishankar Shukla University, Raipur.

	<ul style="list-style-type: none"> • Dr. Chanda Verma is co-investigator of 2 project in collaboration with Bhilai Institute of Technology, Durg <ol style="list-style-type: none"> 1. CCOST in 2013-14. 2. NRFCC, BRNS, Department of Atomic Energy, GOI, 2016 • MSc pass out students are preferred as project fellows in BIT.
Microbiology	Established collaboration with NiTza Biologicals Hyderabad. This collaboration has resulted in hands on training on new and advanced technology in Molecular Biology and Genetics
Physics	Collaborates with the department of Applied Physics of ISM, Dhanbad and SoS in Electronics and Photonics of Pandit Ravishankar Shukla University, Raipur regarding sharing of facilities and equipment for research purposes.
Mathematics	Dr. Reny George: A major research project is undergoing at Salman bin Abdul Aziz University -Kingdom of Saudi Arabia.
Psychology	Dr. Debjani Mukherjee: <ol style="list-style-type: none"> 1. Research work at University of Roma, Italy which deals with the topic of finding positivity in today's youth on global basis is completed 2. Co-Investigator of a Research Project sanctioned by Project UNICEF in collaboration with JLN Medical College, Raipur.
Commerce	Registered as a research guide at Pt. Ravishankar Shukla University, Raipur. MATS University, Dr. CV Raman University, Kota and is collaborated with VYT PG autonomous College, Durg for Research Centre facility
Education	Registered as a Research Guide at MATS University, Raipur and Pt. Ravishankar Shukla University, Raipur and is collaborated with Kalyan PG Autonomous College Bhilai for Research Centre
Botany	Initiatives are taken to develop collaboration with The Covenant Centre for Development, Durg.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/

industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The college has signed a MoU with NiTza Biologicals Energising Bioscience. This collaboration has resulted in hands on training on new and advanced technology in Molecular Biology and Genetics. Another MoU is signed with Tata Institute of Social Sciences (TISS) regarding Certificate Course on Skill Development under National University Students' Skill Development (NUSSD) Programme. The programme aims to increase employability of graduating youths by imparting knowledge, skills and competencies.

Two other MoUs are in the process, one with Bhilai Steel Plant (SAIL undertaking) and another one with the NGO Covenant Centre for Development, Durg (C.G.) which works for poverty alleviation of the people residing in the drought prone villages of Tamil Nadu, M.P., Maharashtra, Chhattisgarh and Orissa.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment creation/upgradation of academic facilities, Student and staff support, infrastructure facilities of the institution viz. laboratories/library/new technology/placement services etc.

Industry-institution-community interactions have contributed to the enhancement in policy making and infrastructural facilities of the institution. Establishment of MoU have created and upgraded academic facilities. Reputed companies conduct job interviews in the campus for graduate and post graduate students. Some of the recruiters include Syntel, HDFC, WIPRO, TCS, GENPACT, Infosys, Cipla, Ambuja Cement among others.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Departments	Eminent Scientists/ Participants
Chemistry	<p>Prof. T.S. Pal, IIT Kharagpur, delivered the keynote address in the national seminar organized in 2012-13</p> <p>Prof. (Mrs)Anjali Pal, IIT Kharagpur conducted an interactive session in the national seminar organized in 2012-13</p> <p>Prof. Sunil Kumar Maity, IIT Hyderabad, was the main speaker in the national seminar organized in 2014-15</p>
Zoology	Dr. Rambhooj, Program specialist, Ecological and Earth Sciences, UNESCO, New Delhi, was the chief guest the national conference sponsored by UGC in 2011-12

	wherein the topic was Impact of Climate Change on Flora and Fauna.
Management	Dr. P.S. Tripathy of Banaras Hindu University, Professor of Management and Finance main speaker at the national conference on Challenges Facing Management Education – An Indian Perspective organized by Department Of Management Studies in February 2013-14

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated

The institution is able to convert two linkage/collaboration into formal MoUs and agreements and 2 are in the pipeline

a) Curriculum development/enrichment: Curriculum enrichment is organised with NiTza Biologicals Energising Bioscience. This collaboration has resulted in hands on training on new and advanced technology in Molecular Biology and Genetics and students of MSc and BSc have benefitted.

b) Internship/on-the-job training – Institution has developed linkages with various institutes where MSc, BCA and BBA students get assistance with their assignments like projects and dissertations.

c) Summer placement- Drought duty- a Summer Internship organised by Swaraj Abhiyan in collaboration with Ekta Parishad was attended by Bhupendra Verma student of BA in JMC.

d) Faculty exchange and professional development - Nil

e) Research

Students and research scholars of the department of Biotech/Microbiology are sent to government institutes and centralized institutions like IARI (Delhi), CDRI, CCSM, Bose Institute (Kolkata), DRDO etc. for carrying out their dissertation projects.

f) Consultancy - Nil

g) Extension - Nil

h) Publication- Nil

i) Student placement – The Training and Placement cell have established linkages with Mahindra Finances, EXL Services, Wipro, Cipla, Syntel, Apex Lab, Axis Bank, Ambuja, ACC limited and GenPact.

j) Twinning programs - Nil

k) Introduction of new courses – NUSSD certificate conducted by TISS

l) Student exchange- Nil

m) Any other- Nil

3.7.6 Detail on the systematic efforts of the institution in planning, establishing and implementing the initiatives of the linkages /collaborations.

The college organizes programmes to facilitate interactions with academicians/ scientists and experts from the industry in formal as well as informal ways. Formal meetings are organized especially in case of linkages. Visits are organized and tentative areas/ subjects for collaborations are discussed.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

St. Thomas College is known for quality education and excellent performance in curricular, co-curricular and extracurricular for which the institute provides all necessary facilities in the form of an up-to-date infrastructure.

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

St. Thomas College has adopted a proactive policy in creating an environment conducive to enhance academic and effective teaching learning atmosphere. The enhancement is brought about through the joint efforts of Management and IQAC in conjunction with members of faculty. The policy is formulated as per the needs that arise as a result of academic development and are as follows

1. To meet the need of upgrading/ developing new structure to promote quality education and good teaching learning environment.
2. Optimum utilization of resources to carry out curricular, co-curricular, extracurricular and research activities.
3. Proper maintenance of the physical infrastructure is as important as the creation of new facilities for efficient and smooth functioning.

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

The college has sufficient space for all academic activities, curricular and extracurricular activities. New facilities are created and existing ones are renovated on need basis. Details of the facilities are as follows:

Type of Facility	No.	Description of the facilities
Classrooms	35	Equipped with Blackboard
Laboratories	17	Equipped with basic and advanced equipment required as per syllabus and research purposes
Seminar Hall	1	Equipped with LCD projector, Projection Screen, with seating capacity for 100 people.

Multipurpose Hall	1	Equipped with LCD Projector, and Projection Screen, having seating capacity for around 300 students
Tutorial spaces	Yes	The college timetable is prepared in such a way that all regular teaching rooms are available for tutorial classes depending on the time slot.
Computer Labs	3	Desktop Computers - 57 Printers/scanner /copier (Three in one) - 6 Dedicated Scanners - 1
Botanical garden	1	1 botanical garden besides 4 other gardens with two full time gardeners.
Animal house	1	There is an Animal House space in the Department of Zoology for research purpose.
Specialized facilities and equipment for teaching, learning and research	2	White Board provided in two computer labs.
	1	Video and Still SLR cameras for covering important college activities and functions.
	9	MP 3 voice recorders
	1	Power Generating Set
	5	CCTV camera
Internet and Wi-Fi facility	Yes	The campus is Wi-Fi enabled and each user (Students and Teachers) has been given Password and User-id.
Genset	1	Generator 433KW for uninterrupted power supply.

b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

The following is the facilities for extracurricular activities

Sports Facilities

The College has facilities for both indoor and outdoor games.

Indoor: Sports Room with Table Tennis, Carom and Chess.

Outdoor: Sports Complex: The College has a spacious sports complex over an area of 160 x 80 meters. The complex has a seating capacity of 300

spectators and has facilities for football, cricket, volleyball, basketball and lawn tennis. The complex is used as a venue for hosting annual sports, athletics events, various matches like football, volleyball and basketball.

Gymnasium: Initiative have been taken in developing a gymnasium with all basic facilities.

Auditorium: The college has a Seminar hall with audio-visual facility with 80-100 seating capacity. In order to accommodate the growing needs of the college a Conference hall with a capacity of 300 seats was made functional to organize Seminars, Conferences, Workshops, Guest Lectures and to screen films for the students. The college has an open-air stage for events like welcome, fare well, annual day celebrations etc.

NSS: Office

Besides the regular activities, 7 days special camp is organized. Regular activities are conducted on every Saturday.

Unit	No of Seats	NSS Officer
I	100	Mrs. Deepti Santosh

NCC: Office.

Regular activities are organized on every Saturday. CATC camp and other camps organized by different battalion on different places.

Category	No of seats	NCC Officer
Female (SW)	52	Lt. (Mrs.) Surekha Jawade
Male (SD)	52	Mr. Laxman Prasad

Cultural Activities: Solo dance, group dance, solo song, group song, folk dance, drama, painting, rangoli are organised under Kalapratibha. The open air stage is used for events with larger audience. The conference hall is also used for competitions and smaller gatherings.

Public Speaking and Communication Skills

The P.G. Department of English organizes Communication Skills classes in two parts every year during the working hours. The department also assists other departments for conducting such programs on need basis. The Training and Placement Cell arranges programs on Personality Development. The audio-visual facility of the seminar and conference hall is used to improve the public speaking and communication skills of the students.

Yoga: Yoga is conducted for the students and staff in the hall at the Catholocate Block. This was introduced in the session 2013-14. Both mental

and physical health being enhanced through these sessions specially among the hostel inmates.

Health and Hygiene

The college has Health Centre with First Aid and Sick room facility with wheel chair. The Staff of the college are trained for providing First Aid facility and Doctor is available on call. In case of emergency, arrangements are made to take the patient to the nearest hospital. For Girls hostel inmates' medical care is provided around the clock. The college has a separate wash room and rest room for staff and students in both the floors. Clean and cold drinking water facility is also provided with water filters and coolers on all the wings in both the floors. Management ensures cleanliness in the college premises on a regular basis. The house keeping staff maintains the cleanliness of the college as well as the hostel.

Canteen

The College has a green and spacious outdoor canteen with adequate chairs and tables and offers clean, healthy and hygienic food at reasonable rates.

Botanical Garden

The college has a botanical garden in the campus which has wild, cultivated and ornamental plants. All these plant are labelled and a directory is prepared showing the importance of these plants.

Animal House

A small animal house exists as a part of the UGC Project in the Department of Zoology.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

The college management ensures that adequate physical infrastructure is in place for all the existing courses as well as when new courses are added. It also looks into efficient and optimal utilization of available infrastructure facility. The college is a multi-faculty (Arts, Commerce, Education, Science and Management Studies) institution. In the view of various academic programs/courses running simultaneously, the infrastructure (classrooms and

laboratories) is utilized throughout the day from 7.30 am till 5.00pm.

Amount in Rs. spent during last four years:

Details	11-12	12-13	13-14	14-15
Building repairing	1,72,370.00	2,10,595.00	177,050.00	254,993.00
Building	3,214,044.00	87,347.00	-	-
Roads Bridges and culverts	-	-	-	15,49,800.00
Gate and Shrine	-	1,679,081.00	-	-
Cycle Stand	-	55,100.00	1,73,777.00	2,15,920.00
Furniture and fixtures	1,73,180.00	Rs.8094	51,600.00	96,900.00
Playground development	10,63,641.00	8,33,343.00	33,745.00	-

Annexure VI – Master Plan of the Institution / campus

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The college has an insignificant population of students with physical disabilities. Wheel chair is available for students and classes are arranged on the ground floor for them. Ramp is provided in ground floor in every building in the campus for convenient use of wheel chairs. Initiative is taken for separate wheel chair friendly washroom for students physical disabilities.

4.1.5 Give details on the residential facility and various provisions available within them:

Details on the residential facility and various provisions available

- **Hostel Facility:** The College has a girls' hostel with all basic amenities like medical, recreation and newspaper. Apart from this, there is also a counselling cell for girl hostel inmates. Recreational facilities like sports are also available. Trained instructor conducts Yoga classes/training in the evening for one hour for first three months of every session. Housekeeping staff regularly keep the washrooms and the campus clean. Mobile phones and Internets facilities are allowed.
- **Recreational facility:** Sports and yoga center facilities are provided.
- **Facilities for medical emergencies:** First aid and sick room facilities are available. In case of emergency the college makes arrangement to take them to the nearby hospital and then inform their parents or relatives.
- **Library facility in the hostels:** No library facility is available in the hostel.

The Central library of the college is situated very near the hostel and they can access the library facility during the working hour of the college.

•**Internet and Wi-Fi facility:** Wi-Fi facility is available in the campus during the working hours but not in the hostel.

•**Available residential facility for the staff and occupancy:** Residential quarters are provided to the teaching and non-teaching staff of the college, subject to availability. 17 BSP Quarters have been allotted for staff. Within the campus two quarters are provided for the supporting staff.

•**Constant supply of safe drinking water:** BSP is providing constant supply of safe drinking water in the residential quarters of the staff and the college. Besides this there are two bore wells in the campus which are used as and when required and the institution does rain water harvesting to increase the ground water level.

•**Security:** The college ensures the safety and the security of students in all aspects. The college campus is protected by boundary wall and two gates. Security is outsourced and there are 3 security personnel on duty round the clock. The girls' hostel has a female security personal posted round the clock.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The college has Health Centre with First Aid and Sick room facility. The Staff of the college are trained for providing First Aid facility in case of emergency and Doctor is available on call. In case of emergency arrangements are made to take the patient to the nearby hospitals. For Girls hostel inmates' medical care is provided around the clock. Health awareness programmes are conducted regularly especially for girl students.

4.1.7 Give details of the Common Facilities available on the campus – spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

The following facilities are available in the institution.

S.No.	Facility	Number
1.	Staff rooms	14
2.	Common room for students	02
3.	IQAC Office	01
4.	Guest Room	01
5.	Seminar Hall	01
6.	Conference Hall	01
7.	Canteen	01
8.	Parking sheds	05 (4 for students and 1 for staff)

9.	Drinking water cooler	03
10.	Health Centre	01
11	Sports and Recreation	01 room and sports complex
12	Women cell	Located in the Dept. of English
13.	Grievance Redressal Cell	Located in the Dept. of Commerce
14.	Guidance and Counselling Cell	Located in the Dept. of Psychology
15.	Training and Placement Cell	Located in the Dept. of Management Studies

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, the Library has a “Library Advisory Committee” comprising of a convenor and senior faculty members headed by the Principal. The composition of the committee is as follows:

Initiatives implemented by the committee are as follows:

- Generation of data on library holdings in terms of books, journals and other learning materials.
- Subscription and Purchase of e-resources.
- In-house access to e-resources, user orientation and awareness, assistance in searching databases and INFLIBNET.
- Meeting the computational needs of students and establishment of computational centre with net connectivity (10 computers).
- Organize literacy training programmes for stakeholders.
- Regular display of notices.
- Storage and maintenance of books and records

4.2.2 Provide details of the following:

Total area of the library (in Sq. mts.) - 2500.4 sq.ft

Total seating capacity - 70

Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

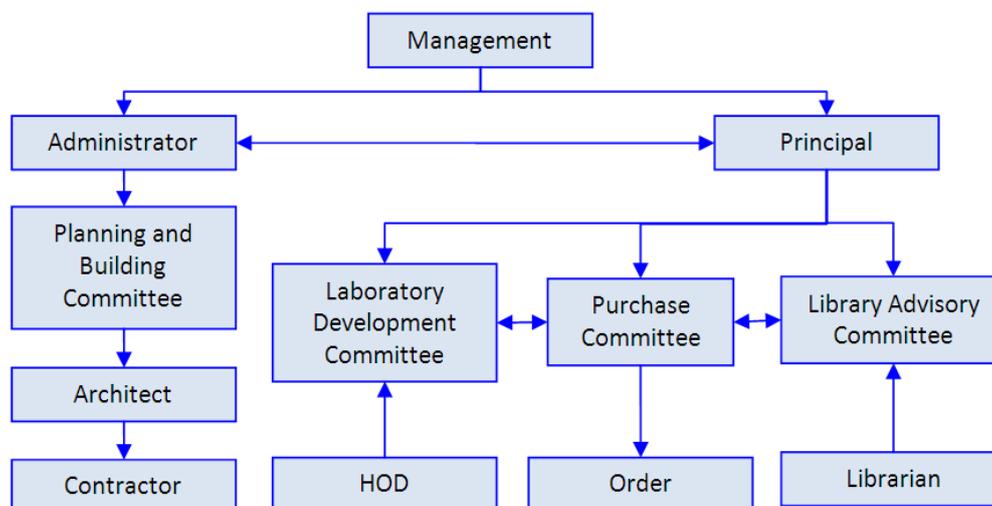
On working days, working hour is 8:00 am to 5:00 pm except on Saturday where the working hour is 8.00 am to 2.30 pm. The schedule remains the same on, before and during examination days and even during vacations. The library remains closed on holidays and Sundays.

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

The library is a double storeyed building and has separate reading area for students in the ground floor and for staff in the first floor. There is a lounge area on the first floor for browsing and for relaxed reading students and staff can use the reading space. The lounge area has 10 computers for accessing e-resources.

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

The College makes budgetary allocations for the library purchase. Requisitions are invited from Head of all the Departments for purchase of new books, reference books and journals. These requisitions are passed on to the Library Advisory Committee and discussed and the approval for purchase given. Book suppliers /publishers visit the library and the departments with the latest title, which are approved by the faculty and Heads of the department and then forwarded to the Library Advisory Committee. Purchase orders are then issued to book sellers /agencies. The planning and purchase procedure is as depicted in the flow chart below:



The amount spent on procuring new books, journals and e-resources during the last four years are as follows:

Library holdings	Session 11-12		Session 12-13		Session 13-14		Session 14-15	
	No	Total Cost (Rs)						
Text books	2677	4,13,326/-	949	3,15,244/-	916	3,67,599/-	431	1,48,304/-
Reference Books	10	10,9650/-	80	1,22,593/-	05	21,692/-	61	75,383/-
Journals/ Periodicals	20	24499/-	7	6650/-	11	19650/-	17	13898/-
e-resources	1	11500/-	1	11500/-	1	11500/-	1	11500/-
Book Bank	75	15503/-	-	-	230	70920/-	-	-

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

1. OPAC (on line public access catalog) – Nil
2. Electronic Resource Management package for e-journals - No
3. Federated searching tools to search articles in multiple databases - Nil
4. Library Website - Nil
5. In-house/remote access to e-publications - Yes
6. Library automation - Yes
7. Total number of computers for public access - 10
8. Total numbers of printers for public access - Nil
9. Internet band width/ speed: Yes - BSNL 2mbps speed
10. Institutional Repository - Nil
11. Content management system for e-learning - Nil
12. Participation in Resource sharing networks/consortia - Yes

4.2.5 Provide details on the following item:

- * Average number of walk-ins: 40 per day
- * Average number of books issued/returned: 10 per day
- * Ratio of library books to students enrolled: 1: 10
- * Average number of books added during last three years: 2281
- * Average number of login to opac (OPAC): NA
- * Average number of login to e-resources: No documentation
- * Average number of e-resources downloaded /printed: NIL
- * Number of information literacy trainings organized: 1
- * Details of “weeding out” of books and other materials: 226 books (during last three years)

4.2.6 Give details of the specialized services provided by the library

1. **Manuscripts** : NIL
2. **Reference** : 2221 books are there in the reference section.
No documentation done regarding issue of the books
3. **Reprography** : Nil
4. **ILL (Inter Library Loan Service)** : Nil
5. **Information deployment and notification** : Yes
6. **Download** : Through Internet
7. **Printing** : Yes, Xerox facility available
8. **Reading list/ Bibliography compilation** : Nil
9. **In-house/remote access to e-resources** : Nil
10. **User Orientation and awareness** : Yes
11. **Assistance in searching Databases** : Yes
12. **INFLIBNET/IUC facilities** : Yes

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Library staff support in locating library books, journals and manuscripts required by both teachers and students. There is a separate “book issuing and return” counter. The library also provides newspapers in two languages and various magazines. Photocopying facility is also available. Any other assistance pertaining to learning resources is also provided to users. Intra-Library Loan facility is made available on request by the Heads of PG departments. The staff monitors the students when they avail the facility during free periods.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Physically challenged persons are provided with all possible assistance by the staff so that they are benefitted with all possible resources in the library. One round table will be provided for their convenience shortly.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

The college has placed a Suggestion Box to obtain feedback from students. A feedback mechanism has been put in place through a questionnaire administered to library users in the general feedback form. The suggestions are examined to ascertain what students use the library for, their satisfaction with services provided, and their opinions about improvements that need to be

made so as to ensure optimal benefit to the student community. The Library Advisory Committee takes necessary actions to implement the suggested changes with the help of college authorities.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

The institution has sufficient number of computers with latest configuration and these are being used effectively in the academic as well as administrative activities of the college

SN	Item	Description
1.	No. of Computers	87
2.	Computer-student ratio	1:1
3.	Standalone facility	87
4.	Computers in LAN facility	Available
5.	Configuration	HP – 120-011 IN 13, 2 GB, 500GB, W 8.1,HP- 19 us Monitor, standard Keyboard, HCL-PC: Intel(R) Core™, 3-2100 CPU@3.1GHz, Intel Core i3 Microprocessor, 500GB HD, CDROM, Optical Mouse, LCD Monitor, 64 bit OS, 4.00GB RAM
6	Number of nodes/ computers with Internet facility	63
7	Licensed Software	Nil
8	Broadband facility	BSNL 2mbps speed

SOFTWARE SPECIFICATION

SN	Operating System	Application Software	Anti-virus Software
1	Window XP	MS-Office 2007, Oracle9i, C/C++, Visual Studio, Java, Tally, Photoshop (Adobe Photoshop CS6), Adobe Flash Player, Linux Operating System (Red Hat	Net Protector

		Enterprise Linux6.5), MS-Dos7.0, Corel Graphics Suite 11,Adobe Reader 9.
2	Window 2007	MS-Office 2007, Oracle 10g, C/C++, Visual Studio, Java, Tally, Photoshop (Adobe Photoshop CS6), Adobe Flash Player, Linux Operating System (Red Hat Enterprise Linux6.5), MS-Dos7.0, Corel Graphics Suite 11,Adobe Reader 9.
3	Window 2008	MS-Office 2007, Oracle 10G, C/C++, Visual Studio, Java, Tally, Photoshop (Adobe Photoshop CS6), Adobe Flash Player, Linux Operating System (Red Hat Enterprise Linux6.5), MS-Dos7.0, Corel Graphics Suite 11,Adobe Reader 9.

HARDWARE SPECIFICATION

S N	No. of Computer	Hard Disk Drive	CPU	RAM	Graphical /Network card	Monitor
1	HCL [47]	500GB	IntelCore[TM]13-2100CPU@3.10 GHZ	4 GB	Yes	14'' Color Monitor (LCD)
2	HP [24]	500GB	Intel(R)Core [TM]2Duo CPU E7500@ 2.93GHZ	1 GB	Yes	HP19US Monitor (LCD)
3	Zenith [5]	20GB	Zenith Pentium III	128 MB	Yes	14'' Color Monitor (CRT)
4	Frontech[4]	8.1GB	AMDSEMPRON1 .40 GHZ	128 MB	Yes	14'' Color Monitor (CRT)
5	MagiX [5]	20GB	Magic Pentium III 550 GHZ	128 MB	Yes	14'' Color Monitor (CRT)

6	Compaq[2]	500 GB	Compaq Pentium (R)Dual-Core CPUE5700@3.00 GHZ	2 GB	Yes	14'' Color Monitor (LCD)
7	Dell [1]	340 GB	Pentium(R)Dual-Core CPU E6700@3.20 GHZ	2 GB	Yes	14'' Color Monitor (LCD)

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Every department is provided with one computer system with printer having photocopy and scanning facility. Some PG departments have one more system so that students can prepare their presentations. Both these systems have access to internet. Internet facility is also available in the computer laboratories, library and office through LAN. For the rest of the campus, it is provided through Wi-Fi. The college does not provide off campus internet connectivity to students and teachers. The number of systems with internet in the college is as follows:

Particulars	Number of Computers with Internet
Principal	1
Office	5
Computer Lab	50
Departments	22
Library	11
Sports	1

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The Institution Plans to enabled teaching and learning environment by deploying and upgrading IT infrastructure and associated facilities in two phases. The college intends to train teachers in handling the computers in the classroom and is also planning to introduce short term computer courses for those students who do not have any previous exposure to basic skills in computers. The college has already created official mailing address for all staff members and general notices and university communications are posted on their official mail addresses. Upgradation is done based on prioritized requirements as often as possible throughout the session.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years).

Details	2011-12	2012-13	2013-14	2014-15
Budget (Rs)	4,00,000/-	5,00,000/-	5,00,000/-	5,00,000/-
Purchase (Rs) (Computers & Accessories)	2,09,871/-	1,014,00/-	-	6,71,400/-
Repairing (Rs)	14,550/-	32,310/-	72,072/-	34,460/-

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

The College facilitates use of ICT resources by providing access to internet to all staff and students for downloading information. The Computer Department helps the staff to use computer aided teaching learning materials and also provides training for the students to prepare their assignments, seminars and course work using the available resources. The college also encourages the staff to use these resources for classroom demonstrations.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

- ICT enabled teaching is organized in the seminar and conference hall.
- Important information, subject material, performa etc. are passed to the staff through e-notices via email.
- On-line applications/ uploads/downloads and other on-line services are provided.
- Audio- video lessons/ You-tube videos and screening of short films are some of other learning materials made available for students.
- Computer Lab systems are enabled for staff and students in 'multi-lingual editing' software to learn and practice in regional languages.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Institution has not yet availed the National Knowledge Network connectivity through the affiliating university.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Planning and Development Committee and Purchase Committee ensures allocation and optimal utilization of the allocated budget for maintenance and upkeep of the facilities.

PARTICULARS	2011-12		2012-13		2013-14		2014-15	
	BUDGET	UTILIZATION	BUDGET	UTILIZATION	BUDGET	UTILIZATION	BUDGET	UTILIZATION
CAPITAL EXPENDITURE								
Building	3,000,000.00	3,214,044.00	3,000,000.00	1,821,528.00	100,000.00	173,777.00	100,000.00	215,920.00
Furniture & fixtures	500,000.00	173,180.00	200,000.00	8,094.00	200,000.00	51,600.00	400,000.00	96,900.00
Laboratory	680,000.00	590,549.00	730,000.00	1,368,250.00	730,000.00	61,161.00	1,195,000.00	439,379.00
Library	1,000,000.00	417,642.00	500,000.00	357,762.00	500,000.00	362,184.00	600,000.00	377,879.00
Computers	400,000.00	209,871.00	500,000.00	1,014,920.00	-	-	600,000.00	671,400.00
Sports	250,000.00	87,411.00	250,000.00	-	250,000.00	-	250,000.00	49,220.00
Other Assets	1,000,000.00	1,392,729.00	1,650,000.00	995,013.00	750,000.00	521,136.00	950,000.00	2,209,917.00
	6,830,000.00	6,085,426.00	6,830,000.00	5,565,567.00	2,530,000.00	1,169,858.00	4,095,000.00	4,060,615.00
REVENUE EXPENDITURE								
Laboratory Maint.	700,000.00	467,773.00	700,000.00	407,393.00	700,000.00	448,623.00	700,000.00	412,281.00
Library Maint.	100,000.00	1,500.00	100,000.00	34,670.00	100,000.00	26,154.00	100,000.00	-
Computers Maint.	100,000.00	14,550.00	100,000.00	32,310.00	100,000.00	72,072.00	150,000.00	57,567.00
Sports	125,000.00	-	125,000.00	199,360.00	150,000.00	275,089.00	225,000.00	187,107.00
	1,025,000.00	483,823.00	1,025,000.00	673,733.00	1,050,000.00	821,938.00	1,175,000.00	656,955.00

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

College level committee is constituted for maintaining infrastructural stock registers in each and every department. Maintenance and upkeep of the infrastructure and equipment of the college are done on regular basis.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

Instruments are checked and maintained regularly by laboratory assistants/attendants. Inspections of equipment and gas leakages are carried out on regular basis by the caretaker of the college and the HOD is informed about the status of the same. Particular attention is given before the on-set of practical examinations. Equipment is checked periodically and necessary

overhaul/calibration is carried out by experts. The allocated budget is utilized for the same.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

The college has three phase electric supply, voltage stabilizers, UPS and has full power back up with 443 KW Gen-Set. The institution has a regular inspection of various sensitive electrical equipment which ensures that these equipment have least probability of any damage due to voltage fluctuations. Continuous water supply is ensured by the institution through the BSP supply lines. Additional requirement is met by 2 bore wells in the campus. The college has overhead tanks for storage of water for constant supply of water at all floors of the building and has water coolers with RO provisions. Cleaning and maintenance of the tank as well as water coolers are done periodically.

CRITERION V - STUDENT SUPPORT AND PROGRESSION**5.1. Student Mentoring and Support****5.1.1 Does the institution publish its updated prospectus/hand book annually? If 'yes what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?**

An updated prospectus is published annually. The prospectus contains information regarding the different programmes offered by the college, the admission procedure and fee structure is attached. It also gives information regarding departments, details of UG and PG programmes, faculty, facilities, student support mechanism etc. This information is available in the college website also. The college ensures its commitment and accountability through the following:-

1. Separate committees function for discipline and Anti-ragging, admission, research, student affairs, Grievance Redressal, Guidance and Counselling, Gender Sensitization etc.
2. Academic Review is conducted at the end of the session in which the performance of the departments as well as the college is reviewed.
3. Feedback is collected from the students on the working of the college.

5.1.2 Specify the type, number and amount of institutional scholarship/freeship given to the students during the last four years and whether the financial aid was available and disbursed on time?

Students of the college avail fee concessions provided by the management. The details are given in table below. The financial aid provided by the institution before the session ends and the government scholarships are disbursed as per their schedule.

Year	Number	Amount	Endowment
2011-12	21	119150.00	1100.00
2012-13	43	217450.00	1100.00
2013-14	46	245650.00	1500.00
2014-15	38	194500.00	1500.00

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The students received the following amount from Government agencies

Year	Number	% (no. of SC/ST/OBC enrolled)	Amount
12-13	51	8.97	276244.00
13-14	102	17.79	611243.00
14-15	107	15.55	568962.00

5.1.4 What are the specific support services/facilities available for Students from SC/ST, OBC and economically weaker sections; Students with physical disabilities; Overseas students; Students to participate in various competitions/National and International; Medical assistance to students: health insurance etc., Organizing coaching classes for competitive exams; Skill development (spoken English, computer literacy, etc.); Support for “slow learners”; Exposures of students to other institution of higher learning/corporate/ business house etc., Publication of student magazines.

1. Students from SC/ST, OBC and economically weaker sections

- a. Nodal officer has been appointed to deal with scholarship matters of SC/ST and OBC students. Besides government agency the college management also provides fee concessions to needy students. The fee of the college is submitted in two instalments, but the Management also increase number of instalments as and when requested by the parents.
- b. Fee deduction is given to outstanding sport persons.
- c. Remedial Coaching was organised for SC/ST/OBC/Minority students.

2. Students with physical disabilities

For students with physical disabilities, support services/facilities available are the following:

The college makes all necessary arrangement to meet the need, depending upon the degree of physical disability like

1. Providing class room on the ground floor.
2. Practical class is designed to suit their conditions.
3. Arrangement made for parents if their presence is needed in between the class or otherwise.
4. Student mentor's assistance makes them independent.
5. The University guidelines regarding examination are strictly followed.
6. Physically challenged person is also assisted by the library staff and are benefitted with all possible resources in the library.

3. Overseas Students -Nil

4. Students to participate in various competitions / National and International.

Students participating in various competitions, National, International and otherwise are provided with the following facilities

1. Conveyance is either arranged or their expenses are met by the college.
2. Incentives are provided to sports person of international calibre.
3. Track Suits are also provided to sports persons.
4. All the cash prizes received from various tournaments are distributed equally among the students.

5. Experts are invited to train students in cultural activities. College bears all the expenses regarding the same.
6. The college also bears the expenses like costume renting, accompanists and practice sessions.
7. Members of the cultural committee are present throughout their practice sessions and also accompany them in every event.
8. Refreshment is also provided for all such students in every event.

5. Medical assistance to students: health insurance etc.

Medical Facility: First Aid facilities are available at the campus, and Doctor is available on call. In case of emergency, arrangements are made to take the patient to the nearest hospital. For Girls hostel inmates' medical care is provided around the clock. Health Insurance facility is not provided for students.

6. Organizing coaching classes for competitive exams

Coaching classes are organised for the students who aspire to write NET, SET, Railway, SSC and Bank exams. The Civil Services Aspirant Club also prepares the students for UPSC and PSC exams.

7. Skill development (spoken English, computer literacy, etc.)

English Communication Skills workshops and classes are organised for students of all discipline by the PG Department of English. Skill and personality development classes are done by Department of Education and Management Studies respectively.

8. Support for “slow learners”

The slow learners in each class are identified by the academic advisors with the support of the subject teachers and office staff. Special Teaching Assistance Programme (STAP) is practiced throughout the session by all the disciplines in the college for such slow learners. Each department follows a schedule which is displayed on the Department notice boards. Teachers also assist by providing personal attention and advice peer support. The institute arranges opportunity to interact with the parents and update them about the developments of their wards.

9. Exposures of students to other institution of higher learning/ corporate/business house etc.

1. Study tours/lab visits/ projects/on-the-job training conducted by the different departments help the students to get exposure to other institutions of higher learning.
2. The institute invites resource persons from reputed institutions for the workshops/ seminars / conferences/ symposium and guest lectures thus exposing students to other institutions.

3. The college takes initiative to register and make arrangements for the students to attend/ participate in various cultural activities.
4. Inter-institution competition are organised exposing students to institutions of higher learning.

10. Publication of student magazines

Newsletters are published by the students of 3 Departments, namely Mathematics and Computer Science, Commerce and Management Studies. College magazine committee motivate the staff and the students to participate in publishing their articles in the college magazine *The Santhomian*.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills among the students and the impact of the efforts.

Few programs are organised to facilitate entrepreneurial skills among the students by various departments, clubs and NSS.

- An Employability Skill Workshop was held by the Women Cell and Training and Placement Cell of the college. The workshop provided an opportunity for the PG students of the College to recognize their skills in various areas like small scale/cottage industries. This workshop was held by CITCON-Durg district during the session 2011-12 and 2012-13. 70 students were benefitted by the information.
- The Women Cell organized a workshop on “Candle Making” for the B.Ed students and NSS. Through this workshop the girl students were motivated for self-employment .The resource person was Mr. K.T Paulouse. Number of beneficiaries are 100.
- The P.G. Department of Chemistry organised a visit to Amul India to introduce the students to the working of a cooperative based industry.
- Awareness talks
On National Science Day a talk on “Home Made Science and Technology inventions” was delivered by Dr. Utkarsh Ghate, Director, Covenant Centre for Development, Durg, CG. The talk covered several aspects like Apiculture, Sericulture, Composting etc. Certificates were distributed to 100 students benefitted from the talk.
- Exhibitions like Craft exhibition organised by the Education Department and Best Out of Waste organised by Botanical Association and Eco- Club also encouraged the students to develop employment skills in art and craft.
- NSS volunteers organised a workshop on Ready To Eat, which was focussed on how to make nutritious baby food at home in a rural setup.
- Students of all discipline exhibited their skills in herbal cosmetic preparations.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extra-curricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

The institution provides assistance in various levels to promote participation of students in extra-curricular and co-curricular activities like

a. Additional academic support, flexibility in examinations

- The students are supported by their respective faculties to cover up their syllabus by taking special classes for them.
- Flexibility in submitting assignments and seminars are provided.
- Separate tests are conducted and special attention is given on request.

b. Special dietary requirements, sports uniform and materials

All the team members of various sports event are provided with tracksuits and shoes besides the materials required for their performance. During an event special care is taken to address their dietary requirements.

c. Any other

- Financial support is given to students for participating in University Youth Festival and cultural events outside the college.
- Expenses of arranging Experts to train students in cultural activities are met by the institution.
- The mentors of award winning participants are felicitated by the institution.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET,UGC-NET, SLET,GATE/ CAT/ GRE/ TOFEL/ GMAT/ Central/ State services, Defence, Civil Services, etc.

Various Departments prepare the students for competitive examinations such as UGC-CSIR-NET, UGC-NET, SLET, GATE/ CAT/ GRE/ TOFEL/ GMAT/ Central/ State services, Defence, Civil Services.

- The Department of Physics and Electronics assist the students for Joint Admission Test for Masters and 3 students were benefitted. Shubhradeep Majumder of BSc Part III is the State Topper (MP&CG) of NGPE conducted by IAPT.
- Department of Microbiology and Biotechnology has organised a 4 month coaching Class for NET/SET.
- Coaching for Bank, SSC, and Railway was organised by the Department of Commerce

- The Civil Services Aspirant Club is constituted to provide a platform where the students can enquire and take training for the various competitive examinations.

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The Academic Advisors are appointed for each section every year that looks after the various academic matters including regular attendance, performance in the unit tests and half yearly examinations and provide academic counselling. The college has a counsellor providing personal and psycho-social counselling to the students. The career counselling sessions are organised and individual counselling is practiced by the Guidance and Counselling cell as well as the Training and Placement Cell. The students of the girls Hostel in the campus are regularly counselled for their academic, personal, career and psycho-social issues. The counselling programs organised during the last four years are

2011-2012

- Career Counselling on Films and Talent
- Workshop on Career Management
- Career counselling Management and Consultancy in the field of Media and Publicity

2012-2013

- Career Awareness Program was organised for Final year students.
- An Interactive session on Tips on Facing an Interview was organised for the UG Final year and PG students.
- Career Counselling sessions are organised for the students.

2013-2014

- Career in Mass Media was organised for BJMC and interested students from other disciplines.
- Career in UPSC was arranged for students interested from UG and PG of all disciplines.

2014-2015

- Career on Organisational Psychology and Management was arranged for BBA and BA students
- How to crack CAT for a career in Management was organised for BBA and BA students

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

The college has a well- structured mechanism for career guidance and placement. Several activities are organized under the banner of Training and Placement Cell. The services provided by the cell include:

1. Recruitment Drives organized in the campus for various firms.
2. Awareness programmes organised talks on career opportunities in different areas.
3. Conducting Aptitude Tests for measuring various skills.
4. Maintaining data base of students for facilitating the recruiters.

Year	Placement Details		
	Organisations Visited	Students Participated	Students Placed
2011-12	6	318	16
2012-13	2	25	5
2013-14	4	69	13
2014-15	5	226	31

List of the employers are Mahindra Finance, EXL Services, Wipro, Cipla, Syntel, Apex Lab, GENPACT, Axis Bank, Ambuja and ACC Limited

5.1.10. Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The college has constituted a Grievance Redressal Cell where students can register their grievances. The cell looks into legitimate grievances and a satisfactory redressal is done.

5.1.11. What are the institutional provisions for resolving issues pertaining to sexual harassment?

So far no such incidents have been reported. However, the college has taken measures to avoid the happening of such events which include:

1. Awareness programmes for the girl students.
2. Fostering of healthy relationship among students of both the genders.
3. Constant vigil by faculty members.

5.1.12. Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The college has an Anti-ragging Committee and an Anti-ragging Squad. No incident of ragging has been reported during the period under review. The proactive measures taken by the college include:

1. Obtaining oath from the students (along with an undertaking from their parents) at the time of admission that they will not involve themselves in any such incidents.
2. Notices are circulated in the classes.

3. Keeping vigil on the behaviour of the students in the campus, especially during the periods of admission and intervals of daily sessions by the Discipline and Anti-ragging committee.
4. Posters are displayed with contact number of anti-ragging Squad.

5.1.13. Enumerate the welfare schemes made available to students by the institution.

Hostel and Canteen Facilities

There is a full-fledged hostel for girl students pursuing their studies from distant places. About 160 girl students are accommodated in the hostel. Special care is taken for their health and their discipline matters. The College has a spacious outdoor canteen with adequate chairs and tables and offers clean, healthy and hygienic food at reasonable rates.

Student Counselling and Support

The Department of Psychology conducts formal as well as informal counselling sessions for students. A number of students take the benefit of counselling every year. Teachers help students to solve their personal problems or problems related to academics in the college. Students from rural areas are especially counselled by teachers and this helps them adjust to city life.

Anti- Narcotic Drive

The Anti-Narcotic movement of the college conscientize the students against the ill effects of alcoholic drink and drugs. Every session starts with a pledge taken by the students to the effect that they will never consume alcoholic drinks or drugs and persuade others to keep abstinence.

Financial Aid

The Management provides financial assistance to students who have good performance report but have a poor financial background. Financial aid in the form of incentive is also provided to sports persons bringing laurels to the institution.

5.1.14. Does the institution have a registered Alumni Association? If ‘yes’ what are its activities and major contributions for institutional, academic and infrastructure development?

The college has an Alumni Association. Major activities and contributions of the Alumni Association are the following:-

- Annual get-together at the college and interaction of the alumni with the teachers from time to time.
- Volunteer as resource persons in conducting workshops and guest lectures.
- Provides Career guidance to the students.

- Interaction with faculty also leads to additional information related to institutions and courses.
- Informal feedback on the institution-planning and infrastructure.
- Through college prospectus well placed alumni's views are published.

5.2 Student Progression

5.2.1. Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

The details of student progression data over the period 2011-15 in numbers

Student Progression	2011-12	2012-13	2013-14	2014-15
UG to PG	10%	11%	14%	16%
PG to M.Phil	-	-	-	-
PG to Ph.D	-	-	-	-
Ph.D to Post-Doctoral	-	-	-	-
<ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	5%	0.7	4.2%	7%
Entrepreneurship / Self-employed	-	-	-	-

5.2.2. Provide details of the programme wise pass percentage and completion rate for the last four years (course wise/ batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

The results of the University examinations for UG & PG programmes are presented in table below:

Result of UG Programmes

Programme	Pass %			
	2011-12	2012-13	2013-14	2014-15
B.A –I	100	100	94.44	73.07
B.A –II	93.33	95.45	100	86.66
B.A –III	100	100	100	95.23
B.Sc –I	61.53	50.4	53.66	59.47

B.Sc –II	100	62.9	85.71	70.37
B.Sc –III	82	91.25	90.91	90.9
B.Com –I	79.2	70.6	66.4	78.1
B.Com –II	83.1	98.66	90.3	87.86
B.Com –III	96.4	97.76	95.12	93.01
BCA –I	69.44	75	78.6	41.67
BCA –II	66.66	81.25	78.57	80.77
BCA –III	80	90.9	91.66	73.9
B.Ed.	100	97.95	98	95.95
BJMC I Sem	-	66.66	80	100
BJMC II Sem	-	100	100	100
BJMC III Sem	-	-	100	100
BJMC IV Sem	-	-	100	100
BJMC V Sem	-	-	-	100
BJMC VI Sem	-	-	-	100
BBA-I Sem.	98.18	98.18	98.33	94.73
BBA-II Sem.	100	96.22	93.22	98.1
BBA-III Sem.	95.83	96.29	100	98.18
BBA-IV Sem.	95.65	98.07	100	100
BBA-V Sem.	97.56	97.77	100	100
BBA-VI Sem.	100	100	100	100

Result of PG Programmes

Programme	Pass %			
	2011-12	2012-13	2013-14	2014-15
M.Com. I Sem	96.7	88.46	90	80
M.Com. II Sem	70	73.07	96.7	100
M.Com. III Sem	-	100	52.17	85.18
M.Com. IV Sem	-	93.1	85.71	92.5
M.Com. Final	90	-	-	-
M.A English I Sem	100	100	90	91.66
M.A English II Sem	80	100	100	83.33

M.A English III Sem	-	100	100	100
M.A English IV Sem	-	100	100	88.88
M.A Final English	100	-	-	-
M.A Economics I Sem	100	-	100	-
M.A Economics II Sem	100	-	100	-
M.A Economics III Sem	-	100	100	100
M.A Economics IV Sem	-	100	100	100
M.A Economics Final	100	-	-	-
M.Sc Botany I Sem	100	90	100	88.8
M.Sc Botany II Sem	80	100	100	100
M.Sc Botany III Sem	-	100	100	100
M.Sc Botany IV Sem	-	100	100	100
M.Sc Botany Final	100	-	-	-
M.Sc Chemistry I Sem	47.36	90	80	82.35
M.Sc Chemistry II Sem	88.89	84.21	50	75
M.Sc Chemistry III Sem	-	94.44	89.47	57.9
M.Sc Chemistry IV Sem	-	94.44	94.73	74
M.Sc Mathematics I Sem	100	100	90.90	89.37
M.Sc Mathematics II Sem	100	80	100	88.5
M.Sc Mathematics III Sem	-	100	100	100
M.Sc Mathematics IV Sem	-	100	100	95.5
M.Sc Mathematics Final	100	-	-	-
M.Sc Comp. Sc. I Sem	100	66.66	75	100
M.Sc Comp. Sc. II Sem	100	100	75	87.5
M.Sc Comp. Sc. III Sem	-	100	50	100
M.Sc Comp. Sc. IV Sem	-	100	100	100
M.Sc Comp. Sc. Final	100	-	-	-
M.Sc Biotechnology I Sem	100	100	100	100
M.Sc Biotechnology II Sem	100	100	100	100

M.Sc Biotechnology III Sem	-	100	100	100
M.Sc Biotechnology IV Sem	-	100	100	100
M.Sc Biotech. Final	100		-	-
M.Sc Microbiology I Sem	100	100	100	100
M.Sc Microbiology II Sem	80	100	100	100
M.Sc Microbiology III Sem	-	100	100	100
M.Sc Microbiology IV Sem	-	100	100	100
M.Sc Microbiology Final	100	-	-	-
PGDCA I-sem	54.16	61.28	80.95	96.55
PGDCA II-sem	92.30	100	75.86	96.4

5.2.3. How does the institution facilitate student progression to higher level of education and /or towards employment?

The institution facilitates the student progression to higher level of education and employment by organising the following

Higher Education

- Workshop on Career management.
- Career Counselling on Career in Films and Talent.
- Career counselling Management and Consultancy in the field of Media and Publicity.
- Career Awareness Program was organised for Final year students.
- An Interactive session on Tips on Facing an Interview was organised for the UG Final year and PG students.
- Career in Mass Media was organised for BJMC and interested students from other disciplines.
- Career in UPSC was arranged for students interested from UG and PG of all disciplines.
- Career on Organisational Psychology and Management was arranged for BBA and BA students
- How to crack CAT for a career in Management was organised for BBA and BA students
- Research oriented PG Projects
- Departmental Coaching - NET/ UGC/ CSIR / GATE/Railways/ SSC / bank

Employment

- An Employability Skill Workshop was held by the Women Cell and Training and Placement Cell of the college. The workshop provided an opportunity for the PG students of the College to recognize their skills in various areas like small scale/cottage industries. This workshop was held by CITCON-Durg district during the session 2011-12 and 2012-13. 70 students were benefitted by the information.
- Women Cell organized a workshop on “Candle Making” for the B.Ed students and NSS volunteers. Through this workshop the girl students were motivated for self-employment. The resource person was Mr. K.T Paulouse. Number of beneficiaries are 100.
- The P.G. Department of Chemistry organised a visit to Amul India to introduce the students to the working of a cooperative based industry.
- On National Science Day a talk on “Home Made Science and Technology Inventions” was delivered by Dr. Utkarsh Ghate, Director, Covenant Centre for Development, Durg, CG. The talk covered aspects like Apiculture, Sericulture, Composting etc. Certificates were distributed to 80 students benefitted from the talk.
- Exhibitions like Craft exhibition organised by the Education Department and Best out of Waste organised by Botanical Association and Eco- Club also encouraged the students to develop employment skills in art and craft.

5.2.4. Enumerate special support provided to students who are at risk of failure and drop out?

The college supports the students who are at the risk of failure and drop-out by:

- Providing personal counselling.
- Interacting with the parents to trace the reasons of failure or drop-out.
- Extending financial support in case of needy students.
- Special Teaching Assistance Program for weak students.
- Faculty provides assistance by lending personal books and notes.

5.3 Student Participation and Activities

5.3.1. List the range of sports, games, cultural and other extracurricular activities available to the students. Provide details of participation and programme calendar.

The college gives due importance to the extracurricular activities also apart from the regular curricular activities for the all-round development of an individual. The college sports day is an eagerly awaited event where the students are divided into four houses engage in healthy competition and compete eagerly for the Chandranshu Memorial Rolling Trophy and the Kamaljeet Singh Memorial Rolling Trophy. In 2011-12 academic year the college has started the Mar Theodosius Cup- Intercollegiate State Level Basketball Tournament in the memory of Founder Manager Bishop Late

Lamented Dr. Stephanos Mar Theodosius. The range of extracurricular activities starts from the class level and extends to the state, National and International levels. The extracurricular activities available to the students in the college and the details of the participation are given in the following sections.

A. Range of Sports and Games

The range of sports and games in the college includes the following in which any skilful student can be a member. Athletics (men & women), Badminton (men & women), Handball (men & women), Basketball (men & women), Boxing (men), Chess, Best Physique (Body building), Cricket (men), Football (men & women), Judo (men & women), Kabbadi (men), Kho-Kho (men), Table Tennis (men & women), Tennis (men & women), Volleyball (men & women), Weightlifting (men), Netball (men & women), Karate (men) & Yoga. Individual games such as Discus (men & women), shot put (men & women), Javelin Throw (men & women), Long jump (men & women) are also organised in the college every year.

The college has excellent infrastructural facilities to support these teams and provides training to the students to excel in various sports events. The college has a Sports Complex which includes Volleyball court, Basketball Court, Lawn tennis Court, Football Ground, Cricket Pitch and indoor Table Tennis. The students are given guidance and training for various competitions by the competent and experienced sports officer of the college. The involvement of the students in various competitions and the excellent facilities provided by the college resulted in their outstanding achievements. Many of the students have represented at the State, University, National and International level competitions and have won various medals. The following is the shortlist of their achievements and prizes won in National /State /Inter University/ International level competitions.

Achievements in Sports and Games

2011-12				
SN	Name	Event	Championship	Achievements
1.	Pooja Kashyap	Basket ball	National Basketball Championship (Junior)	Silver medal

2012-13				
SN	Name	Event	Championship	Achievement
1.	D. Murali Krishna	Karate	All India Championship	Gold medal
2.	Shalini Nair	Power - Lifting	Senior National (Federation cup)	Bronze medal

3.	Praveen Sharma	Football	Santosh Trophy	Participation
4.	Pooja Kashyap	Basketball	East Zone InterUniversity	Gold medal
5.	Pooja Kashyap	Basketball	National Basketball Championship (Junior)	Gold medal
6.	Juhi Dewangan	Badminton	Sushant Chipal Kati India Junior Badminton Championship-2012 (International Level)	Participated in Semi Final-Doubles
7.	Juhi Dewangan	Badminton	Yonex Sunrise India Open(2013) (International)	Participated in Mixed Doubles

2013-14				
S.No.	Name	Event	Championship	Achievements
1.	Jyoti Sahu	Netball	All India Inter University	Gold medal
2.	Archana Bandhaw	Football	Central Zone Inter University	Silver medal
3.	Jaideep Sahu	Power-Lifting	Sub-Junior National	Silver medal
4.	Kiranpal Singh	Basketball	Central Zone Inter University	Bronze medal
5.	Vinay Janbandhu	Basketball	Central Zone Inter University	Bronze medal
6.	P.Rahul Kumar	Basketball	Central Zone Inter University	Bronze medal
7.	Sachin Shrivastava	Basketball	Central Zone Inter University	Bronze medal
8.	Yasi Jeebran	Handball	Senior National	Bronze medal
9.	Juhi Dewangan	Badminton	Yonex Sunrise Bangladesh Open International Badminton Challenge-2013	Bronze medal (Mixed Doubles)
10.	Juhi Dewangan	Badminton	Tata India International	Participated in Mixed

			Challenge-2013	Doubles
11.	Juhi Dewangan	Badminton	India Graphics Gold-2014 International)	Participated in Mixed Doubles
12.	Juhi Dewangan	Badminton	Yonex Sunrise India Open International Badminton Challenge-2014	Participated in Mixed Doubles
13.	Juhi Dewangan	Badminton	Srilanka open International Badminton Challenge-2014	Participated in Mixed Doubles

2014-15				
S.No.	Name	Event	Championship	Achievements
1.	Pooja Kashyap	Basketball	East Zone Inter University	Gold medal
2.	Samridh Kalkar	Handball	West Zone National	Gold medal
3.	Kirampal Singh	Basketball	East Zone Inter University	Silver medal
4.	Ajay Pratap Singh	Basketball	East Zone Inter University	Silver medal
5.	Vinay Janbandhu	Basketball	East Zone Inter University	Silver medal
6.	Parak Singh	Basketball	East Zone Inter University	Silver medal
7.	P.Rahul Kumar	Basketball	East Zone Inter University	Silver medal
8.	Shalini Nair	Power-Lifting	All India Inter University Tournament	Silver medal
9.	Samridh Kalkar	Handball	Senior National	Silver medal
10.	Rashmi Nair	Power-Lifting	All India Inter University Tournament	Bronze medal

11.	Jagjot Singh	Handball	East Zone Inter University	Bronze medal
12.	Samridh Kalkar	Handball	East Zone Inter University	Bronze medal
13.	Deepali Gupta	Badminton	East Zone Inter University	Bronze medal
14.	Mohak Jakhar	Badminton	East Zone Inter University	Bronze medal
15.	Shakshi Verma	Table-Tennis	East Zone Inter University	Bronze medal
16.	Samridh Kalkar	Handball	National Games (Kerala)	Bronze medal
17.	Hindraj Singh	Football	Santosh Trophy	Participation
18.	JaideepSahu	Power-Lifting	West Zone National Tournament	Gold medal
19.	Jaideep Sahu	Power-Lifting	Sub-Junior National Tournament	Bronze medal
20.	Archana Bandhaw	Football	East Zone Inter University	Bronze medal
21.	Juhi Dewangan	Badminton	Mebank Malayasia Coaching International Challenge-2014 (Badminton)	Participated in Mixed Doubles
22.	Juhi Dewangan	Badminton	Yonex Sunrise Bangladesh Open International Badminton Challenge-2014	Participated in Mixed Doubles
23.	Juhi Dewangan	Badminton	Tata open India International Challenge-2014	Participated in Mixed Doubles
24.	Jaydeep Sahu	Power-Lifting	International Level	Participation
25.	Juhi Dewangan	Badminton	Yonex Sunrise Srilanka International Challenge-2015	Participated in Mixed Doubles

			(Badminton)	
26.	Juhi Dewangan	Badminton	Sayed Modi International Badminton Championship-2015	Participated in Mixed Doubles
27.	Juhi Dewangan	Badminton	Yonex Sunrise India Open Badminton Championship-2015	Participated in Mixed Doubles

The number of outstanding achievers for the years from 2011-12 to 2014-15 is as under-

Year	Number of students participated			
	State Level	University Level	National Level	International Level
2011-12	32	12	03	01
2012-13	32	21	10	01(Two Times)
2013-14	30	15	11	01(Five Times)
2014-15	47	26	16	01(Six Times) 01 (One Time)
Total	141	74	40	05

The Events organised by the college and the achievements are as under:-

A. Mar Theodosius Cup-Intercollegiate State Level Basketball Tournament (Men)

Year	Achievement
2011-12	Runner up
2012-13	Winner
2013 -14	Winner
2014- 15	Winner

B. Inter-Collegiate Basketball (Men) / Inter-Collegiate Football (Men) & Basketball (Men) Tournament

Year	Event	Achievement
2011-12	Inter-Collegiate Basketball (Men) Tournament	Winner
2012-13	State Level Inter-Collegiate Basketball (Men) Inter-Collegiate Basketball (Men) Tournament Inter-Collegiate Football (Men) Tournament	Winner Winner Winner
2013 -14	Inter-Collegiate Basketball (Men) Tournament	Winner
2014- 15	Inter-Collegiate Basketball (Men) Tournament Inter-Collegiate Football (Men) Tournament	Winner Winner

B. Range of Arts and Cultural Activities

The college organises various cultural activities and provides a platform for the students to enhance and showcase their talents. The literary and cultural association of the college functioning under the aegis of Kalapratibha provides opportunity to the students to bring out their hidden talents in various competitions. It is a point based internal competition organised by the college cultural committee. Student securing highest points in this competition along with other external competitions is entitled for the **Kalapratibha Saman**. The Kalapratibha competitions include the following-:

- Event-1 - Music Competition
- Event-2 - Debate Competition
- Event-3 - Extempore Competition
- Event-4 - Poster Making Competition
- Event-5 - Cartoon Making Competition
- Event-6 - Rangoli Competition
- Event-7 - Essay Competition
- Event-8 - Quiz Competition
- Event-9 - Skit Competition
- Event-10 - Dance Competition

The Winners of the Kalapratibha Competitions is as follows:-

YEAR	NAME	CLASS
2011-2012	Ms. Amrita Talukdar	B.A-Part- II
2012-2013	Ms. Antara Kumar	B.A- Part-II
2013-2014	Mr. Ankit Tiwari	B.Com – Part-III
2014-2015	Ms. Monica Bombarde	M.Sc.(Chem) (Prev.)

Students who excel in the cultural and literary events “Kalapratibha Competitions” at college level are selected for the intercollegiate youth festival held at Pt. Ravishankar Shukla University, Raipur.

The list of selected students who participated in the University level Youth Festival for the Session 2011-2012, 2013-14 and 2014-15 is given below:-

LIST OF SELECTED STUDENTS –SESSION -2011-2012			
S.No.	CATEGORY	PARTICIPANT	CLASS
1.	Classical (Solo)	Amrita Talukdar	B.A. Part –III
2.	Solo Light	Ankita Phatak	B.Com- Part-I
3.	Group Song	Shalini Philip Monica Singh Rajput Priyanka Patel Monika Tirkey Awantra Tirkey Mahima Philip	B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Sc-Part-II
4.	Rangoli Competition	Swati Singh	B.B.A V Sem
5.	Dance Competition a. Classical b. Light c. Group Dance	Manisha J Vijay Trisha Bhiwagade Monica Tirkey Monica Singh Rajput Priyanka Patel Shalini Philip Awantra Tirkey Shreya Paras Singh Ashutosh Das Abhay Kujur	B.Sc-Part-II B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Sc- Part-III B.Com Part-III B.A-Part-III B.Com Part-III B.Sc-Part-III
6.	Quiz	Amrita Talukdar	B.A-Part-III
7.	Poster Making	Bhumika Dhote	B.Com-Part-III
8.	Cartoon Making	Anupama Tirkey	M.A Part-III
9.	Debate For the Motion	Antara Kumar	B.A –Part –I

	Against the Motion	Karan Singh Chhabra	B.Com-Part-I
10.	Extempore	Karan Singh Chhabra	B.Com-Part-I
11.	Essay Writing	Viji Mary George	M.A (Eng)Part-III

LIST OF SELECTED STUDENTS –SESSION -2012-2013			
S.No	CATEGORY	NAME OF PARTICIPANT	CLASS
1.	Classical Vocal (Solo)	Ku. M.Anjali	B.A. Part –II
2.	Light Vocal (Indian)	Ankita Phatak	B.Com Part-II
3.	Group Song (Indian)	M.Anjali Prashant Tomar Avtarnika O.Lakra Mitali Chaturvedi Ankita Phatak Girish	B.A Part-II B.A Part-II B.A Part-III B.A Part-III B.Com Part-II B.C.A. Part-I
4.	LITERARY EVENTS Debate For the Motion Against the Motion Elocution Fine Arts Poster Making Cartoon Making Rangoli	Antara Kumar Ashwini Raghu Ashwini Raghu Charu Agrawal Pooja Roy Rachna Gavel	B.A Part-II B.Com Part-II B.Com Part-II B.Sc Part-I B.Sc Part –II B.Sc Part –II
5.	DANCE Group Dance	M.Anjali Antara Kumar Mitali Chaturvedi Deepak Kar Ayush Jacob Sachin Jangde Kshitiz Goswami Manisha J Vijay	B.A Part-II B.A Part-II B.A Part-III B.Com Part-III B.Com Part-III B.Com Part-II B.Com Part-III B.Com Part-II B.Sc Part -III
6.	Classical Dance	Aradhana Dwivedi	B.Com Part-II

LIST OF SELECTED STUDENTS –SESSION -2013-2014			
S.No	CATEGORY	NAME OF PARTICIPANT	CLASS
1.	Classical Vocal (Karnatak)	Ku. M.Anjali	B.A. Part –III
2.	Classical Instrumental (Solo)Non -Percussion	Ku.Trishna Chakraborty	B.Sc Part-III
3.	Light Vocal (Indian)	Ankit Tiwari	B.Com Part-III
4.	Group Song (Indian)	Ku.Yogita Verma Ku. Rekha Anna Ku. Priyanka Singh Ku. Hiteshwari Sinha Ku. Tincy Anosh Lal	B.Sc Part-III B.Sc Part-III B.Sc Part-III B.Sc Part-III B.C.A Part-III B.Sc Part-III
5.	Folk Dance	Monika Bombarde Sinchu Victor Tincy B. Hiteshwari Sinha Swati Patel SalimaLakra Priyanka Singh Namrata Singh Manisha Singh Akshara Suresh	B.Sc Part-III B.Com Part-III B.C.A Part-III B.Sc Part-III B.Com Part-III B.Sc Part-III B.Sc Part-III M.Com-III Sem B.Com Part-III B.Com Part-II
6.	Classical Dance	Deepak Kar	P.G.D.C.A
7.	Elocution	Ku. Amandeep Kaur	B.Sc Part-I
8.	Debate For the Motion	Ku.Antara Kumar	B.A .Part-III
	Against the Motion	Ku. Ashwini Raghu	B.Com Part-III
9.	One Act Play	Gulshan Singh Dewashish Sen Gupta Satyanarayana Sahu Suraj Das Parvesh Singh Priya Darshani Neha Kumhari	B.C.A. Part-III B.C.A. Part-III B.C.A. Part-III B.C.A. Part-III B.C.A. Part-III B.C.A. Part-III B.C.A. Part-III

		Payal Gupta Priyanka Khatri	B.C.A. Part-III B.C.A. Part-III
10.	On the Spot Painting	Jessy John	B.Sc-Part-II
11.	Poster Making	Anushruti Chakraborty	B.Com-Part-I
12.	Cartooning	Bipasha Mukherjee	B.Com-Part-I
13.	Rangoli	Pooja Roy	B.Sc-Part-III

LIST OF SELECTED STUDENTS –SESSION -2014-2015			
S.No	CATEGORY	NAME OF PARTICIPANT	CLASS
1.	Classical Solo (Hindustani)	Vivek Samuel	B.Sc. Part -III
2.	Classical Instrumental (Solo)Non -Percussion	Amit Kumar Verma	B.Sc Part-I
3.	Light Vocal (Indian)	T.Vishal	B.Com Part-I
4.	Group Song (Indian)	Sharmila Dhurw Preeti Kosre Reena Khalkho Monika Bombarde Priya Verma YogitaVerma	M.Sc-III Sem (Botany) M.Sc-III Sem (Biotech) M.Sc-III Sem (Biotech) M.Sc-I Sem (Chem) M.Sc-III Sem (Maths) M.Sc-I Sem (Biotech)
5.	Debate For the Motion Against the Motion	Aastha Anand Ishan Jha	B.A Part-I B.Com Part-I
6.	Extempore	Neel Farha	B.Sc Part-II
7.	Poster Making	Carol Janis	B.Sc-Part-III
8.	Cartoon Making	Jessy John	B.Sc-Part-III
9.	Rangoli	RajlakshmiVerma	B.Sc-Part-II

10.	Skit(One Act Play)	Jenipha Lakra Damini Chandrakar Neha Malik Pawan. K.Singh Alok Verma Minakshi Sinha Jochna Sahoo Sanjay Soreng Ashok Xalxo	B.Ed B.Ed B.Ed B.Ed B.Ed B.Ed B.Ed B.Ed
11.	Dance Classical Solo	Poulomi Roy	B.A-Part-II
	Group Dance (Folk/Tribal Dance)	Sharmila Dhruw Preeti Kosre Reema Khalkho Monica Bombarde Urvashi Nag Antara Sahu Aditi Pratibha Pathak Kajal Tulani Deepika Dhurw	M.Sc-III Sem (Botany) M.Sc-III Sem (Biotech) M.Sc-III Sem (Biotech) M.Sc-I Sem (Chem) B.Sc-Part-III B.Sc Part-I B.A-Part-I B.Sc Part-I B.Sc Part-I B.Com Part-III

WINNERS OF YOUTH FESTIVAL

The winners of the inter-collegiate youth festival held at the University are as under-:

YEAR	NAME	EVENT	POSITION
2011-2012	Manisha J. Vijay	Solo Classical (Dance)	First
2012-2013	Manisha J. Vijay	Solo Classical(Dance)	First

2013-2014	Trishna Chakraborty Antara Kumar Ashwini Raghu Ankit Tiwari Deepak Kar	Instrumental Debate (For) Debate (Against) Solo Song Classical Dance	First First First First
2014-2015	Amit Kumar Verma Sharmila Dhruw Preeti Kosre Reema Khalkho Monica Bombarde Urvashi Nag Antara Sahu Aditi Pratibha Pathak Kajal Tulani Deepika Dhurw	Instrumental Group Dance	First First

**Inter-Collegiate Competitions (National Science Day, 2016 Sponsored By
CCOSTand NCSTC, Dept. Of Science and Technology, GoI)**

SN	Name	Event	Class	Position	Prize (Cash)
1.	Mr. Parth Sharma	Essay Competition	BJMC IV Sem	II	Rs. 600
2.	Ku. Bhuneshwari	„	BSc II	I	Rs. 1500
3.	Ku. Rajlaxmi Verma	„	BSc III	II	Rs. 1000
4.	Mr. Parth Sharma	PPT Competition	BJMC IV Sem	I	Rs. 1250
5.	Ku. Neelima Sinha	PPT Competition	MSc II Sem	II	Rs. 1000
6.	Ku. Anurita	Poster Competition	M.Sc-II Sem	I	Rs. 1000

Inter College Drama Competition By IPTA Bhilai

YEAR	NAME	PRIZE
2014-2015	S. Priyanka Nadar Neha Malik Jenipha Lakra Minakshi Sinha Damini Chandrakar Amit Shende Dameshwari Verma Pawan Kumar Singh Sangita Lakra	Consolation

STATE/ZONE LEVEL YOUTH FESTIVAL

The students who participated at the State/Zone Level Youth Festival are as under-:

YEAR	NAME	VENUE
2011-2012	Manisha J. Vijay	Kalyani University, WB
2012-2013	Manisha J. Vijay	Kakatiya University, Assam
2013-2014	Trishna Chakraborty Antara Kumar Ashwini Raghu Ankit Tiwari Deepak Kar	Kalinga University, Orissa.
2014-2015	Monica Bombarde Preeti Kosre Reema Khalkho Urvashi Nag Antara Sahu Aditi Pratibha Pathak Kajal Tulani Deepika Dhurw Amit Kumar Verma	Behrampur University, Orissa

OTHERS

YEAR	NAME	EVENT	PRIZE/ACHIEVEMENT
2011-2012	Amrita Talukdar	Classical Solo (Music)	Selected for the 3 rd round of Indian Idol
2013-2014	Ankit Tiwari	Light Vocal	Voice of Chhattisgarh Award
2014-2015		Rastriya Mathdata Diwas Competitions (Debate, Rangoli, Essay Writing, Slogan Writing)	Winner

C. Range of Other Extra Curricular Activities:

The college offers a wide range of extracurricular activities to the students like NSS, NCC, Eco-Club etc. The college believes that overall development of an individual is achieved through involvement in extracurricular activities apart from the regular curricular activities. It is these extracurricular activities that make the campus vibrant and colourful. The range of extracurricular activities starts from the class level and extends to state and national level. The extracurricular activities available to students in the college and the details of the participation are given in the following sections:

NSS

The NSS unit of St. Thomas College aims at personality development of the students through social services. NSS activities also aim at creating environment consciousness, helping the underprivileged and creating social responsibility.

Major Activities and Achievements in NSS:**(A) Regular Activities:****(1) Independence Day and Republic Day Celebrations:**

Independence Day and Republic Day are celebrated in the college with lot of patriotism and involvement of the NSS volunteers. Flag hoisting, speeches, poem recitation, patriotic songs and other cultural performances

are discoursed on the day. Saplings were planted in the premises on the occasion to encourage environmental concern.

- (2) Teachers Day Celebration: NSS volunteers celebrated the day by felicitating the teachers and presenting cultural functions to honour and entertain them. Power Point presentations on the work and contributions of great teachers of the nation were presented.
- (3) NSS Day Celebration: NSS DAY is celebrated every year on 26th September to encourage and inspire the students towards social services. Swami Vivekananda the youth icon of the nation is remembered and his motto “NOT ME BUT YOU” is appraised and encouraged to follow.
- (4) International Youth Day: International Youth Day was celebrated on August 12th to inspire the students of the college in developing youthful attitude of progress, advancement and broadened outlook. Sensitive issues of women and growing need for strengthening women empowerment amongst the youth were the highlight of the celebration.
- (5) Visit To “RED RIBBON EXPRESS”: RED RIBBON EXPRESS at Durg railway station depicted various types of information about HIV-AIDS, its causes and dreaded effects. It also showcased important images, posters and videos about the National Rural Health Mission (NRHM). A few NSS volunteers also attended a 15 minute training session wherein they were given information about how to stay safe and away from HIV. A few volunteers also donated blood and hence helped ill people of society. Certificates were given to students who attended the training session and donated blood.
- (6) Blood Donation Camp: Blood Donation Camp was organized by the NSS wing of St. Thomas College. Along with the donation, blood group detection was also done wherever necessary.
- (7) Cancer Awareness Programme: A seminar on cancer awareness programme was organized by the NSS wing of St. Thomas College on 24th November, 2012.
- (8) Anti- Narcotics and Aids Rally: An anti-narcotics and anti-AIDS rally is conducted by the NSS wing of St. Thomas College every year on December 1st. A large number of NSS volunteers along with the NSS in-charge, staff, students took out rally in Ruabandha Sector to make people aware of ill effects of smoking, drinking etc.
- (9) Vocational Training: Vocational training, about book binding, paper bag making and envelope making was given to NSS students. This training session was organized by the NSS wing of St. Thomas College on 1st December, 2012.
- (10) Sahej Yog: A programme on SAHEJ YOG was organized in the college premises on 16th July 2016. Dr. Amitabh Mathur, Professor from Delhi University along with his team visited the college to impart about the necessity and importance of SAHEJ YOG.
- (11) Cleanliness Campaign: A campaign on cleanliness and hygiene was carried on by the NSS volunteers, on 27th September 2014, in the

Ruabandha market areas to spread the mission” SWACH BHARAT SWASTH BHARAT”.

- (12) Tree Plantation: Time to time tree plantations were done by NSS volunteers on different occasions like National festivals, Hariyali Divas and also places outside the campus like blind school, ashrams or government schools.
- (13) World Aids Day: World AIDS Day is observed on 1st December every year by the NSS volunteers’. Power point presentations on the cause and effect of the disease and how to stay away from the dreaded disease is informed .
- (14) Youth Day: Youth Day popularly celebrated on 12th January, to observe the birthday of Swami Vivekananda, youth icon of the country. Programme on his life and work are highlighted along with cultural activities to remember and honour such great personality of the nation.

(B) Camp Activities:

- (1) Cleanliness Campaign
- (2) Self Discipline, Self-cooking, Self-management of-Time, Money and Limited Resources.
- (3) Prabhat Pheri
- (4) Time-Scheduling of Daily Routine Activities
- (5) Boudhik Charcha by:(a) Brahmakumaris on moral and ethical issues.
(b) Asha Shashi, Psychologists on women and mother-child nutrition.
- (6) Dental Check Up For Rural School Children.
- (7) Yoga for School Students by Yog Guru Mr. O. P. Gupta.
- (8) READY TO EAT Programme for Village Women by NSS Volunteers—on how to make homemade *Cerelac* i.e., nutritious baby food.
- (9) Socio-Economic Survey of the Community Done by NSS Volunteers.
- (10) Community sports and games played between NSS volunteers and students of Govt. Schools.
- (11) Recreational games arranged for community women by NSS volunteers. Gifts and prizes were also given to encourage them.
- (12) Quiz Competitions for Students of Community Schools.
- (13) Vocational Training Programmes for Students of Community School
 - i. Candle-making by Mr. K. T. Poulouse.
 - ii. Book- binding, envelope-making and paper-bag making by NSS volunteers.

(C) Community Outreach Activities:

- (1) Visit To Blind School By NSS Volunteers: Cultural programmes like songs, anthakshri, tree-plantations were done. Money by NSS volunteers to support the institution.

(2) Visit To Mother Teresa Ashram: Cultural programmes like songs and dance were presented to entertain the ailing, suffering and rejected members of the society in the ashram. Money were donated by NSS volunteers to support the institution.

NSS camp held at various villages of Chhattisgarh is given under:

Session	Camp Venue	Stay Tenure
2011 – 12	Dundera	28 th Sep – 4 th Oct'2011
2012 – 13	Khapri	15 th Dec – 21 st Dec'2012
2013 – 14	Purai	3 rd Jan – 9 th Jan'2014

Students Attended State Level, University Level And National Level Camps And Training Programmes:

NSS Volunteer	Level of Representation	Tenure of Camping
Neelima Lakra	NSS Republic Day Parade Camp at National Level	1 st to 31 st Jan'2013
Neelima Lakra	Pre-Republic Day Parade Camp at METAS, by NSS Regional Centre, Patna.	5 th to 14 th Oct'2012
Neelima Lakra	National Level, "Training in Self-Defence Techniques" by special police unit for women and children at Jawaharlal Nehru Stadium, New Delhi.	10 th to 21 st Jan'2013
Snehil Sharma	State Level Camp at Ratanpur, Bilaspur.	4 th to 10 th Jan'2013
M. S. Girish Pillai	University Level Camp at Pt. Ravi Shankar Shukla University.	14 th to 20 th Jan'2013

Competitions organised by NSS WING of the college:

Event	Topic	Winner
Essay Competition	"Are we helping beggars by offering money or should we discourage begging".	Prathmesh Tripathi - BJMC-I Sem Medha Modak - B.Com-III
Debate Competition	"Multinational Corporation – Are they devils in disguise".	Amandeep Kaur – B.Sc-I

		(for the motion) Prathmesh Tripathi- BJMC- I Sem (against the motion)
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NCC:

NCC Training is an integral part of St. Thomas College curriculum. The NCC unit of the college is functioning effectively under the command of prescribed rules.

NCC activities are as follows:

1. Regular Activities:

(A) Independence Day and Republic Day- On August 15 and January 26 NCC cadets conferred their traditional performance.

(B) 125th Anniversary of Dr. Bhimrao Ambedkar was celebrated by NCC.

(C) Unity Day- On November 4th Oath ceremony was held for NCC cadets and Unity Day was also celebrated on the occasion of the 140th anniversary of Sardar Vallabh Bhai Patel, Iron man of the country.

(D) NCC Day Celebration- NCC Day is celebrated every 23rd November. The NCC cadets created awareness in the general public through group song, speech and other competition.

(E) AIDS Awareness Day- On 1st December, AIDS awareness day was conducted and the cadets participated in the poster making competition as a part of spreading awareness about the deadly disease especially amongst the youth.

(F) Blood Donation- On 10th Sep. 2015, Modern Blood Bank of Dr. Ambedkar Hospital, Raipur conducted a blood donation camp in which everyone participated actively. As the part of social service programme 80 cadets came forward to donate their blood. The chief guest of the programme was Pt. Shivamani, Skandh Ashram Founder, Bhilai.

(G) Regular Parade- Regular Parade, is conducted every Saturdays. The training includes drill, map reading, weapon training, field craft, battle craft, social studies, civil defence leadership, camp activities and others.

(H) Tree Plantation- Tree plantation is done every year for special occasions like hariyali divas, national celebrations like independence day, republic day, ekta- divas, sadbhavana divas etc.

2. Camp Activities:

AATC and TSC CAMP- This year 37 CG Battalion cadets attended CATC and TSC camp which was held on 12th June 2015 to 21st June 2015 and 2nd August 2015 to 11th August 2015 at Kendriya Vidyalaya, Durg and Pt. Ravi Shankar Stadium Khursipar, Bhilai. Their training in discipline, security and service was quiet inspiring and motivating. During the research and training organized in the camps, the NCC cadets learnt about commitment towards nation, so that they can serve better their society and nation.

Achievements and Participation:

Mrs. Surekha Jawade, Associate NCC Officer (ANO) of the College has been granted NCC Commission in Senior Wing in the rank of **Lieutenant** w.e.f, 27th May, 2015. She attended the three months ANO Training from Officers Training Academy at Gwalior, from 11th Aug 2014 to 8th Nov 2014.

Best Cadets in Senior Division (SD)

- | | |
|---------------------------|-------------|
| 1. Ashin Shaji | - B.Com-III |
| 2. A. Kiran | - B.Sc-III |
| 3. Harshwardhan Khurasiya | - B.Sc-III |

Best Cadets in Senior Wing (SW)

- | | |
|------------------------|-------------|
| 1. Arti Baghel | - B.Com-III |
| 2. C. Geeta Sushma | - B.Com-III |
| 3. Agnes Karen Christy | - B.A-I |

Cadets of Senior Wing (SW) and Senior Division (SD) Participated In State Level Combined Annual Training Camp (CATC).

SESSION	CATC – B CERTIFICATE	CATC – C CERTIFICATE
2011 - 2012	6 (SD) + 12 (SW) = 18	4 (SD) + 2 (SW) = 6
2012 - 2013	15 (SD) + 11 (SW) = 26	6 (SD) + 6 (SW) = 12
2013 - 2014	16 (SD) + 11 (SW) = 27	10 (SD) + 6 (SW) =16
2014 - 2015	7 (SD) + 4 (SW) + 15 (SW) + 5(SW) = 31	----

Three cadets of senior wing participated in National Level Thal Sainik Camp (TSC) at Bhopal and two at Sagar in the session 2013-2014. Cadet Shubhika Dhari of B.Sc II, attended National Level Camp at GULMARG-KASHMIR, from 19th March to 21st March 2016.

5.3.3 How does the College seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The college seeks the data through the following ways:-

- Feedback from passing out students is collected by using well-structured questionnaire.
- Feedback obtained by the Principal (informal)
- Feedback from recruitment drives (informal)
- Feedback from the performance of students in different competitions (informal)
- Feedback from parents by using well-structured questionnaire.
- Feedback from alumni by using well-structured questionnaire.
- Feedback from hostel by using well-structured questionnaire.

The college uses data for the following:-

- Regular Academic and Non-Academic improvement.
- For improving communication skills of the students.
- For organizing training programmes.
- For making budgetary provisions for improving institutional standard.

5.3.4 How does the College involve and encourage students to publish materials like catalogues, wall magazine, college magazines and other material? List the publications and materials brought out by the students during the previous four academic sessions

The college encourages the students to express their views and creativity through the college magazine published. A magazine committee is constituted for this purpose. Principal is the chief editor who appoints the editor and advises the managing committee. The magazine committee also comprise of the Student Editor for coordinating the activities. 3 Newsletter by the Department of Commerce, Management Studies and Mathematics and Computer Science gives opportunity to the students to highlight the informations regarding the different activities like industrial visits, Guest Lectures, workshops, presentations and other competitions organised by these department.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

The Union consists of members duly elected in the General Election of the college for one year in accordance with the Students' Union Constitution of the university. The President, Vice President, Secretary, Jt. Secretary and Central Council members are elected every year. The elected members are supported by teacher facilitators. One student from each class is elected as class representative. Only in those sections where there is no representation, the representative is selected on the basis of academic and category wise (SC/ST/OBC) by the Principal. Cultural and sports secretary are also

nominated by the Principal. The college appoints a Professor in-charge and other Election Officers who arrange to conduct the elections of the office-bearers. The Office bearers of the student union maintain overall discipline on the campus, work as a facilitator between the students and the college and coordinate all the extra-curricular activities and annual function of the college.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Student representation and participation has been an integral part of academics as well as various activities of the college. All organizing committees for seminars, conferences and workshops conducted in the college have student representation. All Departmental Association activities are represented by students.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution

The college invites former faculty members and alumni for seminars and conferences organized by the college. Some of the former faculty members are external experts in some committees are invited to deliver special sessions. Through such functions the present faculty members and students get an opportunity to interact with the alumni and former faculty of the institution. Major activities and contributions of the Alumni Association are the following:-

- Annual get-together at the college and interaction of the alumni with the teachers from time to time.
- Volunteer as resource persons in conducting workshops and guest lectures.
- Provides career guidance to the students.
- Interaction with faculty also leads to additional information related to institutions and courses.
- Informal feedback on the institution-planning and infrastructure.
- Through college prospectus well placed alumni's views are published.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 VISION

Vision: Value Based Education

- The institute shall be committed in equipping the students with scholastic and non-scholastic skills to face the challenges of the modern world with a competitive spirit.
- To be a center of academic excellence by providing quality education, inculcating and nurturing socio-cultural and moral values in the students.

Mission: Excellence in Education

- To raise undergraduate, post graduate students and research scholars to work towards academic excellence, professional competence, exemplary values and spiritual virtues.
- To have the state-of-the-art infrastructure facilities.
- To transfer appropriate technology to society and develop effective partnership with industries.
- To offer quality teaching and learning environment and help in the upliftment of the society.
- To disseminate new knowledge, and contribute to the economy, innovation and technology.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The top management, Principal and faculty work in unison to execute all institutional work. The Principal along with the IQAC coordinator develops the framework with required modifications and moderations suiting the institutional environment and operating conditions. Besides providing institutional support and encouragement, the Principal discusses the framed quality policy and initiatives and gives appropriate authority and freedom to the staff to implement them.

The management conducts Governing body meeting from time to time and discuss the problems faced in the past and how to overcome them in the future. The governing body consists of 7 members. All futuristic decisions are discussed in these meetings. The areas discussed are addition of new courses, development of infrastructure, admission policies, fee structure etc. The principal calls for academic council meetings once every month and regular teaching learning practices are discussed.

The academic calendar is prepared in the beginning of the session in consultation with the academic council. The faculty members of the college follow the instructions given by the Principal and interact with him every now and then and work towards the good results of the college.

The Role of the Top Management

The management has constituted a governing body as per the rules of University. The Governing Body of the college consists of seven members with administrator as the Chairperson, Principal, two representatives from University, two from faculty and one management representative. Regular meetings are held

- To provide effective leadership to enhance quality and performance of the institution.
- To motivate, empower and encourage the Principal and staff to enhance their performance of duties
- To encourage innovation and excellence
- To be open and flexible to change
- To provide the necessary infrastructure (beautiful and pleasant campus in the heart of the residential area, technology- enabled class rooms, learning spaces, laboratories, computer and AV, ICT facilities) for staff and students.
- To ensure the safety of women staff and students by employing well trained and vigilant security staff both men and women.

The Role of the Principal:

The Principal is approachable, provides support and empowers staff and students. He plays a proactive role in the design and implementation of all academic policies.

- Believes in an open door policy that builds an atmosphere for open discussion and brainstorming.
- Communicates and corresponds with the staff efficiently and quickly. Notices and other information are sent through e-mail messages.
- Takes initiatives to empower faculty by promoting participatory management and organizational change through decentralization of the decision making process.
- Promotes faculty skills and career progression (by encouraging the teaching staff to apply for major and minor project grants). Staff members have presented papers, delivered public lectures and published papers and articles. Under the faculty improvement programme, staff is encouraged to enhance their qualification.
- Interacts with members of the Press very regularly and has been instrumental in making the college well known and admired in academic circles.

- Encourages students to avail opportunities for placement offered on and off the campus.

The Role of Faculty:

Head of department is in charge of the overall progress of their respective departments and meets institutional goals. Faculty members coordinate initiatives taken by the Principal and develop activities which reflect the department/college goals. Impart subject knowledge, interpersonal communication skills, conduct remedial classes (STAP), outreach activities and provide emotional support whenever required to the students. The faculty is also instrumental in implementing and enhancing the quality of education through effective teaching, learning and evaluation methods.

6.1.3 What is the involvement of the leadership in ensuring

- **The policy statements and action plans for fulfilment of the stated mission**

The leadership takes initiatives along with the staff to create academic and extracurricular activities that reflect the institution's goals. The social outreach and community services help building values thus equipping students to meet environmental and global challenges.

- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

An action plan for each academic year detailing the academic, co-curricular, extra-curricular activities is drawn up from inputs like staff, students and management. Various club coordinators ensure that the plans are executed during the session effectively.

- **Interaction with stakeholders**

The stakeholders are students, parents, staff (both teaching and non-teaching), management, alumni and the society at large. The Principal actively interacts with all the stakeholders on various occasions throughout the academic year. Principal meets parents (during admission, annual day and organised meetings) and students on a regular basis. The leadership has adopted the strategy of discussion with students' union and class representatives, and the representatives of neighbourhood community (ward parshad) for sustainable development of the society.

- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**

Under the chairmanship of IQAC cell, analysis/scrutiny/consultations are carried out about the institution and its functioning. Reports by departments, associations, inputs from current students and faculty, all contribute matter for analysis, which is useful for making policies and planning for the future.

- **Reinforcing the culture of excellence**

The leadership encourages the students to participate in the co-curricular and extra-curricular activities like State / National competitions, extension activities, NSS, NCC etc. The achievers are honoured on the annual day of the college. The staff members are also encouraged to pursue research activities and to participate and organize seminars / workshops / conferences of national and international levels. They are also given special permission on duty to attend refresher and orientation programmes.

- **Champion organizational change**

Change that becomes effective and sustainable comes from the people (staff and students) and the leadership needs to facilitate a culture of openness and positive outlook. College continues to grow, where challenges are taken up willingly by its faculty and staff and the administration provides support in taking them up. Opinions and suggestions of staff and students are sought at staff and student council respectively. Various Committees, Heads and Principal work individually and collectively to ensure the smooth functioning of the college. New ideas are welcomed and implemented after brainstorming and through departmental meetings. Efforts are made to de-centralise the decision-making process so as to ensure a more collegial modus operandi. Internal audits (Administration and Academic) and stock verification of laboratories are done at the end of every academic year.

The college encourages participatory approach to translate quality to the functioning of its various administrative and academic units.

The administrative and academic functions are stream-lined with the help of various committee.

Quality is also translated into the functioning of administrative units through staff recruitment procedure, allocation of funds, computerization of administrative offices, automation of library and providing internet facility for the staff and students in the campus. IQAC is responsible for ensuring quality in all academic activities which leads to the overall development of the institution.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- The Principal evaluates the existing policies and give guideline for improvements to Heads of Departments, Coordinators of cells and associations. They in turn report feedbacks periodically to the Principal. The scope of improvement is also discussed.
- The students feedback in the form of the questionnaires are analysed and corrective steps taken.

- The suggestions and recommendations of the peer team of previous NAAC visits are given in-depth consideration by the IQAC, and measures to be introduced are discussed with the staff at large.
- The institution also takes into account feedback received by the parents, alumni, staff and Principal.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

- Top management includes Governing Body (GB).
- The GB encourage faculty to give their best and offers all kind of support required from the institution in helping them give their best for the College be it teaching-learning, administrative work, research or activities of social relevance. Generally, the proposals of the faculty about providing small enablers are immediately accepted.
- Principal in particular is always interested and willing and on a look-out to invite personalities/agencies of repute and distinction to address faculty and students in any manner, like conferences, seminars, special lectures, workshops, or informal visits. Similarly, faculty can always seek suggestion and advice in handling complex issue regarding curriculum, student's growth or opportunities, equipment or exposure from the Principal, who makes a positive contribution either directly or by arranging appropriate linkages with outside experts.
- The faculty has autonomy in lot of departmental decisions. The faculty decides the internal marks of the student based on the criteria given by the University.
- Heads of the Departments allow the faculty to select papers according to their specialization while deciding the workload of the department so that the students are benefited.
- Faculty in consultation with the heads of Department have the freedom to organize seminars/conferences/ guest lectures/workshops/alumni interaction in their respective department.

6.1.6 How does the college groom leadership at various levels?

The institution successfully identifies and grooms people with leadership quality at various levels. Leadership training is given at the level of students, teaching and nonteaching staff.

Students:

The Students Union council is a body that has Office Bearers, class representative (CR), sports and cultural secretaries. They are well represented in various committees and serve as liaison between the conveners /teachers and students. Their innovative ideas for the smooth functioning are welcomed. The Principal and Prof. In-charge have regular meetings with these members on issues related to teaching-learning, activities and facilities in the college.

They are allowed to organize welcome of the fresher, farewell for the outgoing and annual day programs for boosting their leadership, organizational, financial, management and communicational skills.

Individual Staff:

Staff members are put in-charge of various associations, cultural events, NCC and NSS. The coordinators are given freedom to plan and execute duties relating to their respective committee/association programmes. The reports regarding each academic year activities are submitted to the Principal. Plans of activities for the next academic year are shared with the Principal and academic council at the beginning of session. The non-teaching staff is given responsibilities according to their capabilities irrespective of their qualification for the smooth functioning of college.

At the departmental level HOD and faculty can take independent decisions regarding the activities and contribute to the overall growth of the college. Head of the departments are involved in administrative work and thus gain exposure to different aspects of institutional organization.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

- Departments are given the freedom to invite academic experts for their National/ State level programmes from any part of the country.
- The equipment, tools, lab materials and books to be purchased are decided by the respective departments.
- The Purchase committee monitors the purchase of equipment as per the norms of the college.
- Students are given the opportunity to review their evaluated answer scripts and attend on discrepancies if any.
- The internal audit is an in-built mechanism to check the proper implementation of the process of conduct of classes, mode of delivery and evaluation.
- Student and the faculty feedback (formal and informal) mechanism ensure accountability.
- Heads of Departments are given the twofold responsibility of monitoring faculty performance and attending to communications, notices and mails sent from office of the college.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes. The college has participative management. This approach is practiced at all possible levels in the college and stakeholders are involved in the process

of decision making based on shared insight. Participatory management is implemented at various levels like the management, faculty, student and other stake holders.

- The management nominates senior faculty members to represent the faculty in the Governing Body meetings where important decisions are taken.
- The staff along with the Principal drafts the academic year calendar. The departments and various committees organise activities that help achieve the college goals or mission.
- Students are involved in all activities of the college as they are the voice of the college.
- At the department level, Heads of the Departments hold meetings periodically and discuss the points to be brought forth to the Principal and also convey the decisions of the principal and management to the staff.
- Student feedback questionnaire are analysed and corrective measures are taken as per the requirements.
- The Student Union Council consists of student representatives from all UG and PG classes. The principal conducts meetings with the student representatives and they communicate the decision to the entire student body. The representatives of the student union council suggest possible solutions to student problems.
- For college functions in the campus, members of the nonteaching staff and students are included in different working committees with the faculty members.
- Parents are important stakeholders of the institution and their suggestions sought at the parent teachers meetings are conveyed to the Principal through the Head of the department.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

- The college has a “quality policy” focused on achieving the goals, vision and mission of the college. These have been developed through inputs received from the various stakeholders.
- “Quality policy” of the college is driven by the teaching and non-teaching staff of the college and also by students.
- The IQAC implements and reviews all aspects of the education process in the college.
- Teachers submit annual teaching plans in the form of weekly and monthly teaching schedule and syllabus completion is endorsed/verified by students.
- Students also evaluate their teachers at the end of the academic year in a feedback with structured questionnaire.

- Result analysis and discussions is done every year to find scope for improvements.
- Shortage of attendance (Quarterly) is informed to the parents. Parents are asked to meet the concerned faculty/ Principal.

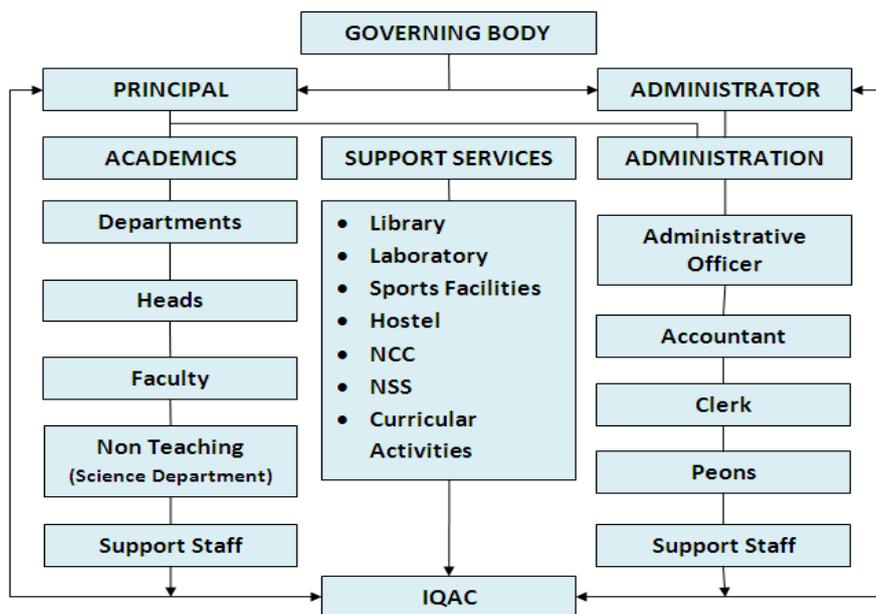
6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes. The college has a perspective plan of development. This plan has been reviewed as per the needs of learners and keeping pace with the higher education policies of the university and UGC. The aspects considered for inclusion in the plan are as follows:

- Growth in terms of academic programmes that focus on skill based education. Inclusion of two programmes
 1. Journalism and Mass communication.
 2. Skill development course in tie up with TISS, Mumbai .
- Need for strengthening core/traditional subjects. Students in this region are opting for core subjects rather than technical courses
- Active participation in curricular and co-curricular activities of the university, state and national level are encouraged.
- Infrastructural expansion and aesthetical improvement of the campus.
- ICT is now incorporated in dissemination of information and knowledge for every student.
- Awareness campaigns for waste management, environmental audit and addressing gender issues are carried out

6.2.3 Describe the internal organizational structure and decision making processes.

The internal organizational structure is as follows:



Though the Bishop is the supreme authority of the college a Governing Body is constituted with Administrator, 2 university representatives, two staff representative, one management representative along with Principal. Administrator looks into the non- academic areas of the college. The Principal of the college heads both the academic and administration of the college. The college office mainly looks into matters related to admissions, eligibility and examinations. It also provides clerical support required for maintaining records and for interaction with government, university, parents and students. **Various committees** in the college help in monitoring and facilitating several administrative functions and thus make administration open and transparent. The decentralization of power is evident from these committees, some of them are statutory and the others non-statutory in nature. The list of committees is given below:

- Academic Council
- Admission Committee
- Anti-Ragging Committee
- Committee for Prevention of Sexual Harassment (CPoSH)
- Committee for Promotion of Research Activities (COPRA)
- Committee for the Promotion of Cultural and Literary Activities
- Committee for the Promotion of Sports Activities
- Discipline Committee
- Examination Committee
- Grievance and Redressal Cell
- Guidance and Counselling Cell
- Internal Quality Assurance Cell (IQAC)
- Laboratory Development Committee
- Library Advisory Committee
- Student Union
- Training and Placement Cell
- Women Cell

Internal Quality Assurance Cell: The IQAC has to ensure that quality standards are maintained efficiently and effectively. In order to do this, the IQAC has established procedures and modalities to collect data and information on various aspects of institutional functioning. The Coordinator of the IQAC has a major role in implementing these functions. The IQAC derives major support from the already existing units and mechanisms that contribute to the functions listed above. The operational features and functions facilitate institutions towards academic excellence and institutions adapt them to suit their specific needs.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

Teaching and Learning

One of the strategies for quality improvement in teaching and learning is to make the learning more student-centric. The IQAC frequently collects and analyses the feedback of students on the quality of teaching-learning and provides suggestions for the improvement. Other initiatives to improve the quality of teaching-learning processes in the college are as follows:

- Providing LCD projector for demonstrations - Enhanced learning infrastructure
- Internet facility for students
- Exposure of Students to short term projects.
- Guest lectures / seminars/ workshops for students.
- Integration of field studies with practical.
- Facilities like INFLIBNET for teachers and students.
- Platform for interaction with Industry
- Feedback is collected from the participants after every event organised (seminars/ workshops etc.)

Research and Development

Initiatives to improve the quality of research and development in the college are as follows:

- Assigning specific roles and responsibilities to the Committee for Promotion of Research Activities.
- Generating awareness amongst the researchers and providing support related to various proposal formats of different funding agencies, budget, purchases of equipment and material under research schemes, account and audit of project expenditure, any additional infrastructure requirements of the researcher etc.
- Updation of publications in terms of citation index, h-index, etc.
- Collaborating/partnering with research institutes/ laboratories etc. for student projects.
- Conduct workshops on Research Methodology to appraise the scholars on the latest statistical software and methods.
- Department of Microbiology and Biotechnology already has a research center and other PG departments will follow soon.

Community Engagement

Through social outreach programme students interact with the socially under-privileged and are thus sensitized to the world beyond the safe walls of an education institution. The college always looks for opportunities to modify and improve the extra-curricular/extension

activities for the benefit of the community. The initiatives in this direction are as follows:

- Every department keenly participates in community service. Under the banner of 'Gyandaan', students teach in government schools where there is a shortage of teachers.
- Students go for 'shramdan', in schools for special children on regular basis.
- The guidance and counselling cell gives voluntary counselling to school children and nearby locals.
- Small scale business proficiency like candle making, mushroom culture etc. is given to women of nearby villages.
- NSS unit organises a winter camp in a nearby adopted village. As a part of the camp, students conduct surveys related to rural development, drinking water, health, girl-child etc.
- Students from NCC and other volunteer groups conduct several programmes for the benefit of the society like Blood donation camp, Aids awareness, Gender sensitivity, Antiragging etc.

Human Resource Management

As an educational institution, the college has to manage a variety of human resources.

- Leadership skills of the teaching faculty are encouraged by giving them positions of responsibility as heads of various committees and/or associations.
- Choice of subjects taught by the faculty is in accordance with the specialization, liking and comfort level of that person.

Industry Interaction

- Regular interactive sessions with industry / experts to understand industry needs.
- Face to face / Panel discussions between the students, teachers and industry experts to know the current scenario and recent developments in particular industries (especially for computer science and life sciences).
- On-Site visit to industries to understand the process functioning of the industry.
- Facilitate activity of working on live projects for computer science students.
- Guest lectures/ special courses for students with the help of Industry experts.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities

of the institution?

- The Principal ensures that adequate information is communicated to the top management and stakeholders. The Principal collects information through various meetings like forum of heads, IQAC, as well as from the minutes of meetings of different statutory/non statutory committees. This information is placed before the managing committee of the college.
- The college uses the data and information obtained from the feedback in decision-making and performance improvement. This is obtained through questionnaires given to students of the college on academic issues.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- The staff is entrusted the responsibility for different tasks such as college admissions, examinations etc. They contribute to the deliberations and help in finding suitable solutions. They can individually interact with the administrator to discuss the needs and constraints of the institution.
- In addition to the involvement of faculty members in the various academic and administrative committees, there is always a representation and support of the non-teaching staff for all these activities.
- The management is always ready to acknowledge work done and encourage all staff members to get fully involved in all the activities of the college.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The resolutions made by the Management Council in the last year are

1. As per NCTE Bhopal norms 7 teachers to be appointed under Statue 28
2. Need not distribute Wi-Fi password
3. Increase DA by 5% with effect from 1.7.2015
4. To begin short term certificate courses
5. The salary scale of Class IV restructured
6. Installation of more CCTV cameras in the campus
7. Purchase of furniture to meet the needs of increasing student strength
8. To add one increment to the salary of all those nonteaching staff whose present scale is less than or equal to Rs. 9300-34800.

All the above mentioned resolutions are implemented.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy.

Yes, the affiliating university makes a provision for according the status of autonomy. The Institution wishes to remain a self-financed institute.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The college has a committee to address grievances /complaints and resolve them. The college has a Women Cell to look into any other matters related to women plus a cell for prevention of sexual harassment that takes care of cases of sexual abuse. Guidance and counselling cell of the college also looks into the cases that require counselling. These committees addresses grievances of both teaching and non-teaching staff and students. The mechanism to handle grievances by the Grievance Redressal Committee and others are:

- Head of the institute receive the grievance from all stakeholders.
- Take cognizance of the grievance(s).
- Settle the grievances within a fixed period of time.
- Report it to the Management.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

Case Details For/Against Status case no. S.T. No. 170/14
Petition withdrawn by the Petitioner. CAN- 1285/15

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

- Yes. IQAC has placed an appropriate formal mechanism for students' feedback on institutional performance, and structured a way of responding to the feedback.
- The feedback of institutional performance is collected from the outgoing students of the college, analyzed and the interpretations are discussed with all the stakeholders to plan strategies for improvement and innovations.
- The college has designed a feedback form for the teaching staff. This feedback is taken at the end of each academic year and for all the programs. There is a well-established mechanism to implement this activity.
- Faculty members are assessed on the parameters of Communication Skills, Quality of Teaching, Content and Method of Delivery,

Resourcefulness and Readiness, Accessibility and Availability to students etc.. on a 10 point scale.

- After the feedback, the report that is generated is analyzed and given to the faculty for improvement on the lacunas.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

A. Teaching Staff

The institution encourages its teaching staff to attend courses conducted by the Academic Staff College, Pt, Ravishankar Shukla University, Raipur or any other institution recognised by UGC like

- Orientation courses.
- Refresher courses
- Conferences/seminars/workshops
- Summer School
- Guest lectures.
- To apply for minor and major research projects

B. Non-Teaching Staff

The institution arranges workshops for the non-teaching staff, besides encouraging them to attend the same in other institutions. They are encouraged to participate in extracurricular activities organised by the institutions.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- The Institution encourages teachers to apply for minor and major research projects.
- The faculty is encouraged to undergo training programmes and skill development programmes.
- The college organizes seminars, conferences and workshops with which the faculty members are updated on recent advancements in their fields.
- The faculty members are nominated to attend workshops organised by RUSA at nearby institutions.
- An introduction to UGC guidelines on Choice based Credit system was given by Prof. A.K. Pati, Director of IQAC/NCNR titled “Choice Chance Changes” Total sixty six members from teaching, non-teaching and office staff attended in St. Thomas College Conference Hall.
- Workshop on use of Electronic Resources was organized by IQAC and conducted by Library Services. The Resource Person for the workshop were Dr. S. Sengupta, Chief Librarian Pt. RSU, Raipur and Dr. Mh. Intiaz Ahmed, Asst. Librarian Pt. RSU, Raipur.

- Two Day Workshop was organized on “Research Methodology” by IQAC. The Resource Person was Prof. G.S. Bajpai, National Law University, Delhi.
- Workshops on stress management are organized for the staff members. Yoga classes are organised to destress.
- The college provides latest infrastructural facilities to the staff members like computers and software. The campus is Wi Fi enabled.
- Faculty members are extended library facilities for research. There is a separate reading room for the staff members.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Performance appraisal of the teaching staff is conducted in terms of the following:

Students provide feedback by filling the feedback form.

- Reports from the Convenors of various activities.
- Informal reports from the Head of Departments.
- Reports shared at IQAC meetings.
- Verbal feedback taken by the Principal when he visits classes.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

- Performance appraisal reports of the teaching faculty are directly discussed with the concerned faculty by the Principal.
- Results of Faculty Feedback Questionnaire are given to the faculty members.
- The feedback received after any programme, academic or extracurricular, is also discussed with the Convenor and suggestions for improvement are given by the Principal.
- Parents provide feedback about matters concerning academics, infrastructure and office services when they meet the class/subject teachers and/or the Principal.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The welfare schemes available for teaching and non-teaching staff

- Maternity leave is given to lady staff members.
- Advances are given to non-teaching staff on request against their salaries.
- Interest free loans are sanctioned to the non-teaching staff and teaching staff.

- 4% percentage of staff have availed the benefit of maternity leave in the session 2015-16.
- 23% of the staff have availed the salary advance in the session 2015-16.

6.3.6 Measures taken by the Institution for attracting and retaining eminent faculty

- The college management takes care to provide all support and help to its staff. The college is known for its green, clean environment and good infrastructure.
- All faculty members are given facilities and encouraged to enhance their qualification and research publication. The facility includes Library and well-equipped laboratories and internet.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- The use of financial resources is under the constant supervision of the Principal and administrator. The Administrative Officer and the accountant keep the Principal apprised of all financial matters on daily basis.
- Every year, the budget, is prepared and submitted to the management for its approval. Then, the available funds are distributed according to the needs of the departments. Expenditure is made with the prior permission of the Principal/management.
- Quotations are invited and opened before the purchase committee and accordingly purchase orders are placed.
- All the official formalities; viz. preparation of vouchers/ stock entry and issue of cheques to the concerned suppliers, are completed effectively and the record is maintained.
- Receipts for all the collections are given and the amount is deposited in banks.
- The college has internal and external audit mechanism to monitor the utilization of the budget effectively and efficiently. The utilization of the budget is monitored regularly by the management.
- Separate accounts are maintained for fees, and grants received from funding agencies.
- Separate and consolidated balance sheets are prepared. Internal, statutory, external audit and audit by the granting authority is done.
- Stock registers showing the purchases done on furniture, equipment; books, etc. are maintained by office/departments/library respectively.
- Office obtains Utilization Certificates for expenses done towards UGC Grants.

- Money collected for certificate programs/associations/cells/ societies are monitored.
- The fees collected from the students under various heads are being spent for the purpose for which it was collected. .
- Records are duly maintained by the concerned authority/committee with invoices for further compliance.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

- An annual statutory audit is conducted by external auditors appointed by the college, Independent Chartered Accountant firm – Vishwanath and Co.
- A government audit is conducted as per instructions from government offices.
- The internal audit is carried out by the Auditor, St. Thomas Mission, Kailash Nagar, Bhilai.
- Last audit was done for the session 2015-16 and no major audit objections were reported.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

Major sources of institutional receipts/funding are Fees from students, Interest from Bank, University Examination, Seminar/Conferences/Workshop Receipts, NSS Receipts, grants from UGC and CCOST. Deficits are managed by the Managing Committee. The reserve fund/corpus available with Institution is Rs. 2,75,30,212.00

Annexure-VII: Audited income and expenditure statement previous four years

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

No additional funding generated.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, the college has an IQAC established in the year 2006. It is constituted as per NAAC recommendations. IQAC is a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. It follows an on-going process of evaluation of requirements for better quality academic instruction and administration.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

IQAC is a strong basis of decision making in the college. The Principal and Management representatives are active members of IQAC. All the decisions taken in the IQAC are implemented in phases. The following are some of the suggestions given by the committee

1. Introduction of New course i.e BA in Journalism and Mass Communication and MA in Psychology
2. External and internal experts can be invited for Guest lectures/Extension lectures.
3. Students to be motivated to make use of library facilities.
4. All the notices for the staff should be e-notices.
5. The website should be updated with the current activities.
6. A separate room for IQAC for its smooth functioning.
7. CCTV cameras should be installed at various points in the college.
8. Ramp to be built for physically disabled students.
9. Need based community services to be initiated in Govt. Higher Secondary School Ruabandha .
10. As a part of green initiative composting to recycle of biomass waste to be started.
11. Environment Audit to be carried out.
12. To develop an English Language Lab.
13. Conduct External Audit of the departments and office.

All the other suggestions are implemented effectively MA Psychology.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The IQAC had 2 academicians as external members on its committee. Their suggestions are documented and passed on to respective bodies for consideration.

d. How do students and alumni contribute to the effective functioning of the IQAC?

The IQAC has alumni representation. The students and Alumni play a very important role by providing feedback about the drawback of policies and

functioning of the college which help the college to upgrade the standard of functioning in the referred matter. Their suggestions help IQAC formulating its agenda for meetings. Alumni volunteer interaction with the students, delivers guest lecturers and in conducting workshops as resource persons. They have provided career guidance to the present students.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC communicate its quality assurance policies, mechanism and outcomes to various external and internal stakeholders through e-notifications, college prospectus as well as college website. The college believes that quality education is the key to the development of individuals as good citizen. As the IQAC is represented by staff from different committee of the institute the plans are easily executed in consultation with members of the committee. The IQAC reviews the data of various aspects and forms strategies for quality improvement. Suggestions are invited and continuous monitoring is done by all the faculty members to achieve the required benchmark.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If ‘yes’, give details on its operationalisation.

Activities of the IQAC are aimed at quality assurance of academic activities and administration. The operational procedures are as follows:

- IQAC meetings are convened twice in an academic year.
- Areas requiring improvement are identified and possible solutions are recommended.
- Suggestions given in earlier meetings are reviewed and decisions on further action are taken.
- Prior decisions and their outcomes are reviewed.
- Formation of associations/clubs enrich the process of teaching-learning.
- The Principal visits while the class is in progress and makes observations and suggestions to the concerned faculty.
- The Administrator assists the Principal with the administrative work and looks into the infrastructural requirements and also addresses various issue concerning the students and staff.
- The IQAC assists by monitoring the smooth functioning and quality of administrative office through periodic reviews to increase work input.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If ‘yes’, give details enumerating its impact.

The institute provides training to its academic staff for effective implementation of the Quality assurance procedures. This is done through:

- Organising in-house workshops for staff.

- Participating at the workshops organised by IQAC of other colleges.
- Nominating staff to attend orientation courses, refresher courses and soft skills training programmes.
- Allowing staff to attend workshops and seminars for knowledge enhancement/ updates in the subject.
- Encouraging staff to present papers at conferences and seminars.
- Encouraging staff to undertake research activities, minor and major research projects.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

The institution does not undertake Academic Audit or external review of academic provisions. Annual Department Audit is done by the management representatives and the coordinator of IQAC and the outcomes are used to suggest improvements in academics and activities of college.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The composition of the IQAC is in accordance with the directives and guidelines of NAAC. Its activities are aligned to the requirements of quality assurance mechanisms as per the guidelines of NAAC.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The teaching-learning process is an ongoing process. The following steps have been taken to enhance quality of the teaching learning process:

- Department meetings are conducted on a regular basis to check the execution of the teaching schedules of the individual faculty and plan accordingly towards the completion of the syllabus.
- Formative and summative assessment is reviewed and changes are made wherever necessary.
- Attendance and performance of the ward inside and outside the classroom is also reviewed and the parents are informed in case of poor performance and attendance.
- The Principal and the Administrator makes regular rounds to ensure regularity of classes.
- The Principal is open to all kinds of communications from staff and students alike for the betterment of the institution.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders through:

- Orientation programme for the fresher's organised at the commencement of the new academic session wherein the Principal introduces the students to the rules, regulations and facilities of the college and the quality assurance programmes.
- The decision taken in IQAC meetings are communicated through the members to all stakeholders
- The Principal communicates the decisions taken in IQAC meetings with the teaching and nonteaching staff through Staff Council and Academic council meetings.
- The informal PTA meetings and orientation programmes at the beginning of the session the parents and students are informed about the various quality assurance policies of the college.
- Relevant notices are circulated in the classes and displayed and the Notice Boards.
- The college website is updated on all notifications pertaining to administrative and academic matters.
- A comprehensive Annual Report prepared for the annual function also apprise the stakeholders regarding the functioning and performance of the college.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the institute conduct a Green Audit of its campus and facilities?

The college is committed to saving the environment and conducted **Environmental Audit**. In the session 2014-15 the staff and the student members of the Eco-club conducted an environmental survey of the campus and facilities. The observations were compiled into a report and submitted to the college authorities along with immediate and long term suggestions to improve environment friendly practices in the campus. This was done again and intends to make this a regular feature.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Conscious involvement of all stake holders facilitates a clean and healthy environment. The institution works towards inculcating practices invoking environmental consciousness among students, creating global awareness and empowering to become agents of social change. Regular monitoring by the college caretaker ensures clean classrooms, washrooms and areas in and around the campus. The initiatives taken by the college are as follows:

Energy conservation

1. The college ensures that the electrical gadgets and equipment are well maintained and are periodically serviced by the electrician. The wiring of the premises are changed as and when required for the safety of the students and contributes to power saving.
2. Ordinary bulbs were replaced by CFL and currently efforts are taken to gradually replace them with LED's
3. Switch off drills are practiced on a regular basis. The support staff of the college are assigned to monitor different wings. This practice has motivated the students and staff towards energy conservation.
4. All computers are programmed to power saving mode. The computers are switched on as per need under the supervision of the lab assistant who also assures that computers are switched off immediately after use.
5. Regular defrosting of refrigerators and thermostat setting to the optimum temperature also contribute to energy conservation.
6. The class rooms and labs are well ventilated and also permit enough daylight. Maximum utilization of natural light is done to cut down usage of power in both classrooms and laboratories.

7. The gas pipelines in college laboratories are cleaned and maintained regularly. After every practical the lab assistant ensures that the burners and cylinders are switched off.

Use of renewable energy: No

Water harvesting

1. Main building of the college has the provision of rainwater harvesting since 2005 thus restoring the ground water table.
2. The grey water of the college campus and hostel is drained into a recharge pit (4/4/6 ft) near the boundary of the campus.
3. Wastage of water is minimized by proper maintenance of pipelines and taps.

Check dam construction: NIL

Efforts for carbon neutrality

The campus is green and regular tree plantations are done during monsoon by the NSS, NCC, Eco Club and Botanical Association and monitor their growth, thus offsetting the carbon neutralization. The plantation also includes drought resistant varieties suitable for this area. The rich floral diversity and well maintained gardens of the college also contribute to low carbon levels. Reduced use of wood furniture also contributes to the carbon neutralization. Ornamental plants beautify the campus and provide green cover and clean air. Herbal garden setup is initiated to help students to learn more about health-friendly benefits of plants.

Plantation

1. Organic farming of seasonal varieties of vegetables and fruits is a practice.
2. Mixed cropping method is followed.
3. Use of chemical fertilizers are minimized.
4. NSS and NCC students are encouraged to plant saplings. Outsourcing staff engaged a gardeners help in the maintenance and growth.

Waste Management

The college systematically segregates different types of waste at source for recycling or disposal. Efforts are taken to create awareness on methods of disposal of paper, organic matter, plastic and recyclable materials.

1. Organic Waste

Botanical Association developed a compost pit by re-using an old underground tank and recycled materials existing in the campus to

cover the pit. The pit is located behind the college for collecting the organic and biomass waste and converted into manure which is used in the plantations.

2. Paper Waste

The administration has been very serious about cutting down unnecessary use and wastage of paper. It is made mandatory that staff will print documents for proof reading only on used papers. All notices are send via mail or a copy is circulated to all with each person signing after reading. These measures drastically reduced the wastage of paper.

3. Hazardous Waste

Waste generated for the microbiology and biotechnology laboratories (culture media) are autoclaved and appropriately disposed. The liquid and chemical waste generated in all other departments are diluted and discharged into the drainage system.

4. e-waste management

- Optimisation is the key in the management of e-waste and all the staff are directed to follow this rule effectively.
- All the e- waste generated by the office and the departments is collected and handed over to the store from where they are disposed to organisations where the hardwares can be used by students learning Hardware technology.
- The remaining wastes are appropriately disposed.
- The institution also ensures to create awareness and consciousness on “say no to plastics.”

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

Details of innovations introduced during the last four years which have created a positive impact on the functioning of the college are

Internal audit of departments by IQAC.

In 2011-12 the college has developed a comprehensive system to conduct an internal audit of all the department where the IQAC acts as an academic and administrative audit committee. Teaching of different disciplines has been increasingly using Laptop for classroom teaching and demonstration. All the departments are required to prepare their annual report which includes student profiles, achievements, result analysis (class wise and faculty wise), research activities, department/forum/association activities, departmental library

services, STAP for weak and advanced learners, stock verification etc. The IQAC evaluates the functioning of the department and give suggestions for improvement.

STAP (Special Teaching Assistance Programme) was introduced in 2012-13 for advanced learners. The college has STAP for weak learners but felt the need for assisting advanced learners. As **advanced learners** acquire new concepts and knowledge quickly the subject teachers involve them in activities that can quicken their pace of learning by providing them with more challenging and engaging activities. Accelerated learning is a part of engaging an advanced learner. Acceleration activity in the college includes a broad spectrum of option for assigning advanced texts on the topics or independent projects that permit them to inquire about a topic more deeply or preparation for competitive exams along with the program enrolled etc.

Outreach programmes

Outreach activity of the college provides services to student population who do not have access to basic educational needs. The staff and students reach these section of student population and attempts to address their challenges and enhance wellbeing. Through Gyandaan the weak students of Govt. Primary School, Ruabandha are supported throughout the year by tutoring them on all subjects. Making study of plants and fractions easier, reuse of papers into paper crafts, bags and creating awareness on health and personal hygiene are the major areas of work by students in some schools in the township. Besides these the villagers are also educated through skits and street plays on social issues like girl child education and child labour. These kinds of work develop a critical and holistic approach in students towards understanding and intervening in social problems

Preparation for competitive exams

As the job market is very competitive students need good preparation to appear in any exams. The college provides the desiring students with expertise so that they not only qualify entrance examination but also to get better ranking. The experts help the students to prepare an outline to structure the study plan, reframe mindsets, clear basic concepts, provide study materials and keep a track of progress by giving practice tests all at no extra charge. The library facility that the college offers is considered one of the best in the region and is appreciated widely by the students. The faculty also assists students during their preparations.

Environmental Auditing

In the session 2014-15 the staff and the student members of the Eco club conducted an environmental survey of the college campus and facilities offered. The observations are compiled into a report and submitted to the college authorities with suggestions to go greener.

Civil Services Aspirants Forum

The response to the preparation of competitive exams was so encouraging that Civil Services Aspirants Forum was constituted. This forum is a community of aspirants, who have decided to come together to work as a team. The forum, as a team, have decided to pool all resources and efforts, and help the fellow aspirants. The college takes efforts to resolve the queries and confusions of the fellow aspirants in the best possible way. The effort of the forum is to provide facilities free of cost. As the teaching community, that put all their effort for one dream, the forum finds best ways to serve all the needs of the aspirants. Aspirant forum keeps them updated with the latest development and events in the world of Civil Services Examination. The college arranges for mentoring of aspirants of the civil services examination by officials of the respective cadre.

Need based community services implemented by IQAC

Community service has become an integral part of the college. The college is organising need based community service every year by identifying and mobilising group of students interested in community service to meet needs of school children in Government Higher Secondary School, Ruabandha, Bhilai. Looking into the problem of inadequate teachers faced by the school the IQAC of the college took the initiative of organising a two weeks service of imparting knowledge. The college strongly agrees on the value of sensitizing students towards social responsibility. The staff and students relates to their obligation towards the underprivileged section of the society by visiting orphanages and old-age homes where they connect and transform their own lives.

DIY Plant Files: Wild and cultivated flora in the campus.

Chhattisgarh state is known to harbour a rich wealth of plants. The college is spread over 10 acres of land with a wonderful diversity of flora. The flora in the campus represents the micro unit of the floral diversity. In 2015-16 an attempt has been made by the Botanical Association of the college to prepare

an account on the flora of college and also familiarise the college fraternity with the flora of the campus. Staff and students of all discipline enthusiastically participated. The PG students of Botany learned to identify the plant with its importance. The success of this exercise resulted in the following: An e-herbarium is in the making and the participants now agree that any plant is weed only till one knows its importance.

External Audit

The college realises that monitoring and evaluation of institutions progress require a carefully structured system of internal and external introspection. For quality assurance the St. Thomas College has taken steps to monitor its progress and evaluate performance by establishing not only the IQAC but also through external experts. Every department, library and office was evaluated on quality management procedures and continued enhancement of quality of student experience. External audit was conducted by two experts from V.Y.T.P.G Govt. Autonomous College, Durg which is the Nodal College of Durg District along with the members of IQAC. A report of the review was produced and the department is asked to respond to address any issues identified.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given format which have contributed to the achievement of the institutional objectives and or contributed to the quality improvement of the core activities of the college.

The college has many good practices like the daily sessions of the college starts with the college prayer “**Om! Aasatomā sadgamaya, tamosomā jyotirgamaya, mrityormā amritamgamaya, Om śhāntih śhāntih śhāntih**” which means “**From ignorance, lead me to truth; from darkness, lead me to light; from death, lead me to immortality. Om peace, peace, peace**”. The rest are as follows: Blood Donors Club, Special Teaching Assistance Program (STAP), Community Services, Promote National Integration, communal harmony: Sadhbhavana Sammelan, Guidance, Counselling and Placement, Environmental Awareness and Book Bank.

Best Practices I

Title: Camaraderie and Volunteerism towards Social responsibility

Community service and volunteerism are an investment in our community. Volunteering strengthens any community and understanding community needs helps foster empathy and self-efficacy among the new generation. The college has adopted village Ruabandha in 2004 and students are encouraged to take active part in programmes like organizing health and hygiene awareness programmes, cleanliness drives, awareness rallies against narcotics, HIV, illiteracy etc. in the village. Students and staff of Education department and NSS unit of the college undertake camps annually in nearby villages and organise awareness programmes and rallies besides performing cultural programmes.

Goal:

Enable graduates who grow into leadership positions in industry knowing the heartbeat of society better, so that decisions made will not be based merely on the bottom-line but with integrity toward society and the environment. Uniting people from diverse backgrounds to work toward a common goal through camaraderie and teamwork.

Context:

Being relatively new state of the country most disadvantaged people live in rural areas. As the incidence of poverty is same in both rural and urban areas there is a lack of awareness towards education, healthcare and social issues. Through community services the institution inculcates moral responsibilities towards these issues among younger generations.

Practices:

There is a very active **Blood Donors Club** in the college. Under the leadership of NCC, NSS ComZenith and Department of Microbiology blood group of staff and students are determined and interested members (staff and students) are registered. Routine blood donations are done by these members in various camps and whenever need arises in the nearby hospitals the students donate blood for the poor patients.

Need Based Service:

The IQAC of college organises need based community service every year by identifying and mobilising group of students interested in community development to meet needs of school children in Government Higher Secondary School, Ruabandha, Bhilai. Students help in completing a part of the syllabus as the school faces problem of inadequate teachers. Two weeks services are given by the PG students of the college. The management appreciates their contribution and award them with certificates.

Extension activity:

The College strongly agrees on the value of sensitizing students towards social responsibility. The staff and students of P.G. Department of Mathematics and Computer Science organise **Learning with fun** where they invite primary school students to the computer lab and teach them fractions and create interest in them for computers through interactive sessions. The PG Department of Economics organises an year long programme of **Gyan daan** for weak students of primary classes and teaches them Mathematics, English Science and Social Studies. The staff and students relate to their obligation towards the underprivileged section of the society by visiting orphanages, old-age homes and schools for specially able children where they connect and transform their own lives.

The college team of **Anti-Narcotic Cell** visit nearby schools and villages to conscientize the students and public against the ill-effects of narcotics and administer a pledge of abstinence.

Outreach Programs:

The NSS and NCC wing of the college organizes camps in nearby village and create awareness towards health issues, personal hygiene, and also social issues like educating girl child, child labour, alcoholism and drug addiction. AIDS awareness programme is also conducted. Dental camps are organized by Education department.

Evidence of success:

All the services were accepted by the community with enthusiasm. Volunteers (student and staff) develop qualities of integrity, compassion and self-reliance through these activities. They have realized the value of education and the challenges faced by dropouts in the society. Student's participation has increased in all these activities.

Problems encountered and Resources required:

As the college is a multi-faculty college running in two shifts coordinating activities across all disciplines is a challenge. Organizing activities also becomes difficult due to tight lecture and exam schedules. Lack of sensitivity among students towards the need to support such activities is an issue of concern. Fund mobilization to organize events is sometimes a problem for the college.

The most important **resource required** is dedicated staff who can function within the local resources available to solve any community's needs thus encouraging civic responsibility and making the students realise that everyone counts.

Best Practices II

Title: Getting in- sync with the environment

Goal: Conserve or perish has become the slogan of human kind all over the world. College aims towards developing a holistic approach for creating a Eco friendly atmosphere and also follow practices that helps in conservation and protection of environment.

Context:

College is situated in the industrial township (Bhilai Steel Plant, its auxiliary units and other small scale industries), therefore cleanliness of campus, beautification and pollution free ambience becomes imperative. The college takes the responsibility by playing a leading role in generating environmental consciousness in the region. The green campus with its large number of trees will help to minimize the harmful effects of pollution from the industry. It will also help maintain carbon neutrality, temperature balance and to certain extent help in conservation of water thus contributing towards maintaining biodiversity. The green pasture of the campus helps in soil conservation and is a source of fodder to livestock, which are reared by the cow herds in the vicinity.

Practice:

Eco club is established in the college with an aim of conservation and protection of the nature. This club consists of staff and student members, functioning as the organizers of various activities of this club. Environmental awareness programs such as guest lecture, exhibition of best out of waste etc are organized by eco club.

Plantation:

Tree plantation is done during monsoon. The biodiversity in the campus includes herbs, shrubs and trees of the following nature - foliage, flowering, fruiting and seasonal plants. Hundreds of plants (seasonal and others) are added every academic year and are well maintained. This practice will minimize the effects of pollution from the factories.

Organic farming:

Organic farming is practiced in the campus, wherein organic waste generated in the hostel and biomass waste of the campus is converted by composting and used as manure. This practice leads to the harvest of toxin free crops, which supplements the requirements of hostel inmates and staff. Mixed cropping method is also followed and use of fertilizers are minimized.

Water conservation:

Rain water harvesting is done in the main building of the college since 2005 thus restoring the ground water table and the college never faced the problem

of water scarcity even though this area faces water crisis. Drip irrigation method is initiated for watering the plants in the herbal garden to minimize the wastage of water and gradually the remaining gardens of the college will follow this method. The grey water of the college campus and hostel is drained into a recharge pit outside the campus. Wastage of water is minimized by proper maintenance of pipelines of pipe lines and taps.

Energy conservation:

All the equipment in the college are well maintained and are periodically serviced thus contributing to power saving. Regular practice of switch off drills has motivated the students and staff towards energy conservation. All computers are programmed to power saving mode. The class rooms and labs are well ventilated and also permit enough daylight. Maximum utilization of natural light is done to cut down usage of power in both classrooms and laboratories. Currently efforts are taken to gradually replace them with LED. Institution is aiming to harvest solar energy in near future. Indigenous method such cow pats and logs and twigs of old or fallen trees (storms) are also used for cooking in hostel thus contributing towards energy conservation

Waste Management:

The college management takes serious efforts to create awareness on safe and better methods of waste disposal. The campus is plastic free zone. Organic Waste is converted into compost and used as manure in plantations. Reuse of paper is mandatory. Hazardous and e-waste are disposed off safely.

Conservation of Biodiversity

- Reuse of paper for various purposes help in conservation of trees.
- Minimum use of pesticides, insecticide and fertilizers contribute to conserving the soil
- Plantation of trees, plants and establishment of herbal garden help conserve biodiversity.

Evidence of Success:

- Successful conduction of environment audit since 2014-15
- Green, tobacco free, plastic free campus explains the success of programme
- Students of all discipline voluntarily participate in all activities related to clean campus and conservation of nature.
- Herbal garden helped creating awareness regarding importance of local herbs in medicine and nutrition

Problems Encountered and resources required:

The self-financing status of the college results in financial constraints in taking up new possible projects or ideas like installation of alternative source of

energy. Extreme climatic condition in summer and vacations during that period acts as a limitation too.

The Resources required are learning in groups and joining groups or organisations, so that well informed environment stewards among the stakeholders of the college can act as a catalyst in instilling hopefulness for the future.

EVALUATIVE REPORT OF THE DEPARTMENTS

DEPARTMENT OF BOTANY

1. Year of Establishment – UG 1984
PG 1999
2. Names of Programmes / Courses offered: - UG and PG.
3. Names of Interdisciplinary Courses and the departments / Unit involved - None.
4. Annual / Semester / Choice based credit system (Programme wise)-
UG - Annual
PG – Semester
5. Participation of the department in the courses offered by other departments - None.
6. Courses in collaboration with other university, Industries, Foreign institutions, etc. Initiatives taken to develop collaboration with Covenant Centre for Development, Durg, C.G.
7. Details of courses / programmes discontinued (if any) with reasons-
None.
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Asst. Professors	03	03

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience (yrs)	No. of Ph.D students guided for the last 4 years
Dr. Vinita Thomas	M.Sc, MPhil, PhD	Assoc. Professor	Plant Pathology	32	-
Dr. Jyoti Bakshi	M.Sc, Ph.D, B.Ed.	Asst. Professor	Plant Pathology	16	-
Ms.Trainee Sahu	M.Sc, B.Ed, M.Ed.	Asst. Professor	-	02	-
Ms. Seepiyaan Dalal	M.Sc., B.Ed.	Asst. Professor	-	-	

10. List of Senior visiting faculty- None

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty –

1 Temporary staff- MSc I/II Sem - 25%, MSc III/IV Sem - 25%

12. Student – Teacher Ratio (Programme wise)-

B.Sc. I	-	20:1
B.Sc. II	-	13:1
B.Sc. III	-	10:1
MSc I/II Sem	-	3:1
MSc III/IV Sem-		3:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled- 1 Technical and 1 Administrative staff

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG

Ph.D	-	2
PG	-	2

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- None.

16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received - None.

17. Research Center / facility recognized by the University - None.

18. Publications:

- Publication of faculty: 8
- Number of papers published in peer reviewed Journals (national / international) by faculty and students – Nil
- Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)
- Monographs- Nil
- Chapter in Books- Nil
- Books Edited- Nil
- Books with ISBN / ISSN numbers with details of publishers - Nil
- Citation index - 1
- SNIP - Nil
- SJR- Nil
- Impact Factor : Range - 1.20 - 2.937
- H-index- 1

19. Areas of Consultancy and income generated – None

20. Faculty as members in National committees b) International Committees c) Editorial Boards.... None

21. Student projects

- a. Percentage of students who have done in-house projects including inter departmental / programme -100%
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies- None.

22. Awards / Recognitions received by faculty and students –

- University Gold Medal: Charu Agarwal, B.Sc Final, 2014-15
- University Merit List : 6th Rank, 2014-15 Pooja Yadav MSc
9th Rank, 2014-15 Seepiyaan Dalal MSc
- Essay Competition: National Science Day Celebration 2016
I Prize: Bhuneshwari Anandkar BSc II
II Prize: Rajlakshmi Verma BSc III.
- Awarded Best Poster, 2015: Ms Tarinee Sahu Asst. Prof. and Ms Seepiyaan Dalal MSc IV Sem, Botany. Domestication of Medicinal Plants' - 29th Jan, 2015 organised by GD Rungta College of Science and Technology. Bhilai

23. List of eminent academicians and scientists / visitors to the department-

Dr. Utkarsh Ghate, Director
Covenant Centre for Development, Durg, CG

24. Seminars / Conferences / Workshops organized & the source of funding

1. National - None.
2. International -None.

25. Student profile programme / Course wise: Session 2014-15

Course / programme	Application Received	Selected	Enrolled		Pass %
			M	F	
B.Sc I Year	59	56	9	47	62.5%
B.Sc II Year	34	30	5	25	97%
B.Sc III Year	29	25	8	17	100%
M.Sc I/II Sem.	15	10	4	5	88.9%
M. Sc III/IV Sem.	10	10	0	10	100%

*M = Male *F = Female

26. Diversity of Students (2015-16)

Course	% from same state	% from other state	% from abroad
B.Sc I	86.44%	13.56%	Nil
B.Sc II	100%	Nil	Nil
B.Sc III	100%	Nil	Nil
M.Sc I/II Sem	100%	Nil	Nil
M.Sc III/IV	100%	Nil	Nil

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.
Documentation not available

28. Students Progression

Student Progression	Against % Enrolled
UG to PG	10%
PG to M.Phil	-
PG to Ph.D	-

Ph.D to Post-Doctoral	-
<p style="text-align: center;">Employed</p> <ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	Jessy John - Officer in Syntel since July, 2015. 50% of the Department faculty comprises of ex-students.
Entrepreneurship/Self-employed	-

29. Details of Infrastructural facilities

- a. **Library** - Besides Central Library students have access to Departmental Library which has 185 books excluding personal books belonging to Faculty members.
- b. **Internet facilities for staff and students** – Yes, there are two systems in the department for the staff and students besides being a Wi-Fi enabled campus.
- c. **Class rooms with ICT facility**- Nil. Though ICT enabled Seminar and Conference Hall is easily accessible.
- d. **Laboratories**- 3 (One for Under Graduate and 2 for Post Graduate students) with all the necessary equipments and chemicals, biotechnological kits and glasswares.

30. Number of students receiving financial assistance from college, university, government or other agencies-

1. College: 1 student, Rs. 4000 **2. Govt.:** 6 students, Rs. 30,810.

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts (2015-16)

Workshops- 2

- Instrumentation relevant in Experimental Biology: 5th - 10th October, 2015.
External Experts: Dr. Suruchi Parkhey & Dr. Debojit Guha (Alumni).
- Discovery of Potential bio active compound from local botanical resources- In vitro studies to drug designing: 3rd to 9th March, 2016.
External Experts: NitZa Biologicals, Hyderabad

32. Teaching methods adopted to improve student learning-

Demonstration, e-Video tutorials, Sample Answers, Revision, STAP etc.

33. Participation in Institutional Social Responsibility (ISR) and extension activities-

ISR- Need Based Service :VOLUNTEER ACTIVITY : Need based service- Looking into the problem of inadequate teachers faced by the school, 19 students of MSc I and III Semester rendered services by teaching Science and Environmental Science to students of class IX, X and XII of Government Higher Secondary School, Ruabandha, Bhilai from 5th - 17th October, 2015.

Extension Activity- COMMUNITY SERVICE: To create awareness on health and hygiene. Students visited Bhagat Singh Ashram, Khursipar, on 31st October, 2015 and also shared their joys and sorrows.

34. SWOC analysis of the department and future plans

A. SWOC Analysis

STRENGTH

- Competent faculty with diversified interests and expertise
- Well-equipped laboratories
- Well maintained Botanical and herbal garden
- Department library has a good collection of classical and modern books
- Effective mentoring
- Organises workshops to expose the students and faculty to recent trends

WEAKNESS

- Lack of motivation among students
- Inadequate Research activity
- Assistance in campus placement
- Curriculum does not offer dissertations

OPPORTUNITY

- Enhancing experimental learning through periodic industrial visit, interaction with eminent scientists thus exposing the students to applications of the subject.
- Transfigure traditional laboratory techniques with *in silico* methods
- Providing exposure to students through MoU's with organisations
- Increase the number of books for PG students with Hindi Medium

CHALLENGES

- Keeping abreast of advanced ICT component
- Development of employment skills in students
- Building network of alumni

B. Future plans

Apply for Research projects

Develop a Medicinal Arbour in the college premises

Introduce consultancy in environment aspects

DEPARTMENT OF CHEMISTRY

- Year of establishment: UG 1984
PG 2011
- Names of Programmes / Courses offered:
UG - B. Sc. (Mathematics and Biology Stream),
B.Sc. (Industrial Chemistry)
PG - M.Sc. Chemistry
- Names of Interdisciplinary Courses and the departments / unit involved-
None
- Annual / Semester / Choice based credit system (Programme wise)
Annual- UG Semester- PG
- Participation of the department in the courses offered by other departments
– None
- Courses in collaboration with other university, Industries, Foreign
institutions, etc.- None
- Details of courses / programmes discontinued (if any) with reasons- None
- Number of Teaching posts

Designation	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	02	02
Asst. Professors	02	02

- Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil etc.,)

Name	Qualification	Designation	Specialization	Experience	No. of Ph.D the last 4 years
Dr. James Mathew	MSc PhD	Asso. Prof.	Inorganic Chemistry	26	Nil
Dr. Chanda Verma	MSc PhD	Asso. Prof.	Organic Chemistry	23	Nil

Dr. A. K. Bhui	MSc PhD	Asst. Prof.	Physical Chemistry	19	Nil
Ms. Neha Verma	M.Sc.	Asst. Prof.	Chemistry	Nil	Nil

10. List of Senior visiting faculty Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty Theory-32%, Practical-20%
12. Student – Teacher Ratio (Programme wise)
 UG - Bio-Maths: 72.5:1,
 Industrial Chemistry: 3.75:1
 PG - 8.75:1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled - 1 Technical and 1 Administrative Staff
14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG
 Ph.D - 3
 PG - 1
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received - Nil
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received - Nil
17. Research Center / facility recognized by the University - Nil
18. Publications:
- Publication of faculty - 11
 - Number of papers published in peer reviewed Journals (national / international) by faculty and students - 11
 - Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) Nil
 - Monographs Nil
 - Chapter in Books Nil
 - Books Edited Nil
 - Books with ISBN / ISSN numbers with details of publisher - Nil
 - Citation index

Dr. James Mathew	-3
Dr. Chanda Verma	-8
Dr. Ashish Kumar Bhui	-111

- SNIP Nil
- SJR Nil
- Impact Factor Range: 0.6-2.3
- H-index: Dr. James Mathew - 1
Dr. Chanda Verma - 1
Dr. Ashish Kumar Bhui - 4

19. Areas of Consultancy and income generated Nil

20. Faculty as members in

- a. National committees b) International Committees c) Editorial Boards....
Member of Indian Chemical Society – 2

21. Student projects

- a. Percentage of students who have done in-house projects including inter departmental / programme Nil
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies Nil

22. Awards / Recognitions received by faculty and students

Best Teacher Award- Dr. Chanda Verma by Rotary Club

- University Gold Medal: Charu Agarwal, B.Sc Final, 2014-15
- University Merit List : 3rd Rank, 2013-14 Durga Tiwari MSc
6th Rank, 2014-15 Alka Banchor MSc
- Essay Competition: National Science Day Celebration 2016
I Prize: Bhuneshwari Anandkar BSc II
II Prize: Rajlakshmi Verma BSc III.

23. List of eminent academicians and scientists / visitors to the department

Dr. Rajnikant Sharma, Central Water Pollution, Bhopal

Dr. BC Mal Vice Chancellor, CSVTU, Durg.

Dr. T.S. Pal, Prof., IIT Kharagpur.

Dr. Anjali Pal, Prof., IIT Kharagpur.

Dr. Sunil Kumar Maity, Prof., IIT Hyderabad.

Dr. Manorama Singh, Asst. Prof. GGV, Bilaspur.

24. Seminars / Conferences / Workshops organized and the source of funding

1. National

- a. Symposium on Chemistry – Our Life Our Future on 24th Sept. 2011
- b. Innovation and Advancement in Chemical Sciences and Technology, Feb 10-11, 2015 Sponsored by CCOST, Raipur

25. Student profile programme / Course wise: Results of 2014-15

Name of the course / programme	Application Received	Selected	Enrolled		Pass %
			*M	*F	
B.Sc Part I	174	149	47	102	67.86%
B.Sc. Part II	55	55	14	41	100%
B.Sc. part III	41	41	11	30	100%
B.Sc Part I (Industrial Chemistry)	7	6	3	3	66.6%
B.Sc. Part II (Industrial Chemistry)	06	06	02	04	100%
B.Sc. Part III (Industrial Chemistry)	06	06	02	04	100%
M.Sc. I Sem	26	16	03	13	81.25%
M.Sc. III Sem	18	18	06	12	77.78%

*M = Male *F = Female

26. Diversity of students: Year 2015-16

Course	% from the same state	% from other state	% from abroad
Chemistry			
B.Sc I	84.8	15.2	NIL
BSc II	89.4	10.6	NIL
BSc III	94.2	5.8	NIL
Industrial Chemistry			
B.Sc I	100	NIL	NIL
BSc II	100	NIL	NIL
BSc III	100	NIL	NIL
M.Sc I/II	80	20	NIL
MSc III/IV	87.5	12.5	NIL

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
01 -GATE (No document available)

28. Students progression

Student Progression	Against % enrolled
UG to PG	17.14% (6/35)
PG to M. Phil	NA

PG to Ph.D	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	UG 01 PG 05
Entrepreneurship / Self-employed	01(Sudeshna Dutta - M.Sc.2012)

29. Details of Infrastructural facilities

- a. **Library** - The department has well equipped library containing books of Indian and foreign authors numbered to 256
- b. **Internet facilities for staff & students** - 2 Desktop computers with Internet facility and WIFI
- c. **Class rooms with ICT facility** - None. Though ICT enabled Seminar and Conference Hall is easily accessible.
- d. **Laboratories** - 3 well equipped separate laboratories for B.Sc. (Chemistry and Industrial Chemistry) and M.Sc. (Pre and Final) students in addition to 1 instrumental room and 1 balance room.

30. Number of students receiving financial assistance from college, university, government or other agencies

1. College:	UG - 2 students,	Rs. 4000 each
2. Govt.:	PG- 8 students,	Rs. 22,050
	UG- 9 students,	Rs. 36,415

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts -

Special Lecture:

Dr. Neeraj Sharma, Project Fellow, Govt. VYT College, Durg

Dr. Gautam Sheel, Project Associate, Govt. VYT College, Durg

Mr. Abhinav Lal, NET, Pioneer Institute, Bhilai

Industrial Visit to BALCO and AMUL, India

32. Teaching methods adopted to improve student learning

Demonstration, e- video tutorials, Sample Answers, Revision, STAP etc.

33. Participation in Institutional Social Responsibility (ISR) and extension activities: Community service involving teaching middle and high school students by PG students in Govt. Higher Secondary School, Ruabandha.

34. SWOC analysis of the department and future plans

Strength	<ul style="list-style-type: none"> • Good infrastructure, well equipped lab, Department library facility • Experienced faculty
Weakness	<ul style="list-style-type: none"> • Less no. of students enrolment in Industrial Chemistry • Lack of separate technical staff in handling scientific instruments.
Opportunities	<ul style="list-style-type: none"> • Faculty with consultancy potential • Take up interdisciplinary research work • Prepare students for competitive exams. • Increase the number of student enrolment for Industrial Chemistry.
Challenges	<ul style="list-style-type: none"> • To make the programmes attractive and job oriented.

Future Plans:

- Develop a research centre.
- Signing MoU with Bhilai Institute of Technology, Durg for knowledge exchange in instrumentation, techniques and analysis.
- Introduce a certificate course.

DEPARTMENT OF COMMERCE

1. Year of establishment UG:1984, PG: 1998
2. Names of Programmes / Courses offered :UG and PG
3. Names of Interdisciplinary Courses and the departments/unit involved: Economics, Mathematics, Hindi, English, Computer, BBA
4. Annual / Semester / Choice based credit system (Programme wise) :
Annual / Semester
5. Participation of the Department in the Courses : BBA and BJMC offered by other Departments
6. Courses in collaboration with other university, : Nil
Industries, Foreign institutions, etc. –
7. Details of courses / programmes discontinued : Nil
(if any) with reasons
8. Number of Teaching Posts

Designation	Sanctioned	Filled
Professors	----	----
Associate Professors	Nil	01
Asst. Professors	06	09

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualifica-tion	Designa-tion	Specializa-tion	Exper-ience	No. of Ph.D for the last 4 years
Dr. Ashok Kumar Mishra	M.Com, ICWAI(3 rd stage), M.B.A.,	Asso. Prof.	Accounting & Finance	24	Awarded 01

	L.L.B, PGDBM, Ph.D, M.A.(Eco)				In- Progress 03
Dr. Sapna Sharma	M.Com, M.A., L.L.B, MPhil, PhD	Asst. Prof.	Cost A/c, Manage- ment A/c, Communi- cation, Banking	21	NIL
Dr. Sheeja Varkey	M.Com, B.Ed, M.B.A., Ph.D	Asst. Prof.	Finance & Marketing	15	NIL
Mrs. Rincey.B. Abraham	M.Com, M.A.(Eco), B.Ed, MPhil	Asst. Prof.	Finance	11	NIL
Dr. Bhuvana Venkatrama n	M.Com, PGDBA, ICWAI-Inter, MPhil, PhD	Asst. Prof.	Finance & Law	7	NIL
Mr. Laxman Prasad	M.Com, NET, MBA, PhD pursuing, CMA Group-I, MSc.(VE & S)	Asst. Prof.	Finance & Marketing	5	NIL
Mrs. Sunita Kshatriya	M.Com, M.A., MOM, Pursuing Ph.D	Asst. Prof.	Finance	6	NIL
Mr. Sandeep Bhawani	M.Com, PGDCA, MPhil, Pursuing Ph.D	Asst. Prof.	Finance & Taxation	4	NIL
Ms. Aditi Acharya	M.Com, NET, M.A.(sociology) Pursuing Ph.D.	Asst. Prof.	Statistics & Manage- ment	1	NIL
Ms. Priyanka Raghav	M.Com, ICMA, DFM, CS (Inter)	Asst. Prof.	Cost and Manage ment Accounting	-	NIL

10. List of Senior visiting faculty : Nil

11. Percentage of lectures delivered and practical classes : 10%
(programme wise) by temporary faculty

12. Student – Teacher Ratio (Programme wise):

B.Com Part I – 39.3:1

B.Com Part II – 36.1:1

B.Com Part III – 22.8:1

M.Com I/II 4.8:1

M.Com III/IV 4.5:1

13. Number of Academic Support Staff (technical) and Administrative Staff; sanctioned and filled - 1
14. Qualification of teaching faculty with: DSc/ D.Litt/ Ph.D/ MPhil/ PG :
Ph.D.: 04
M.Phil:02
PG: 04
15. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received : Nil
16. Departmental projects funded by DST- FIST; UGC,DBT, ICSSR, etc. and total grant received-
MRP (Minor) – 04 Grant received Rs. 4,65,000/-
17. Research Center / facility recognized by the University : Nil
18. Publications:
- Publication - Total publication- 09
 - Number of papers published in peer reviewed Journals (national / international) by faculty and students – 09 (National 04 and International 05)
 - Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) – Nil
 - Monographs - Nil
 - Chapter in Books - Nil
 - Books Edited - Nil
 - Books with ISBN / ISSN numbers with details of publishers - Nil
 - Citation index - Nil
 - SNIP - Nil
 - SJR - Nil
 - Impact Factor – 5.8
 - H-index – Nil
19. Areas of Consultancy and income generated : Nil
20. Faculty as members in
a) National committees b) International Committees c) Editorial Boards: Nil
21. Student Projects

- a. Percentage of students who have done in-house projects including Inter departmental / Programme: 26
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies: Nil

22. Awards / Recognitions received by faculty and students - : 01

23. List of eminent academicians and scientists / visitors to the department : Nil

24. Seminars / Conferences / Workshops organized & the source of funding

1. National : Nil
2. International : Nil

25. Student profile programme / Course wise: 2014-15

Name of the course / programme	Application Received	Selected	Enrolled		Pass %
			*M	*F	
B.Com Part I	500	402	204	198	80.4%
B.Com Part II	325	305	125	180	93.8
B.Com Part III	250	222	90	132	88.8
M.Com I Sem	50	30	4	26	60
M.Com III Sem	26	26	8	18	100

*M = Male *F = Female

26. Diversity of students: 2015-16

Course	% from Same State	% from other State	% from Abroad
B.Com Part I	90.8	9.2	
B.Com Part II	86.2	13.8	–
B.Com Part III	90.1	9.9	–
M.Com I Sem	83.4	16.6	–
M.Com III Sem	92.3	7.7	–

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc :
No Documentation Available

28. Students Progression

Student Progression	Against % enrolled
UG to PG	90%
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	} Nil
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

- a. Library:** Besides Central Library the Departmental Library exists with a number of books
- b. Internet facilities for staff & students :** Yes
- c. Class rooms with ICT facility :** Nil
- d. Laboratories :** Nil

30. Number of students receiving financial assistance from college, university, government or other agencies – 2015-16

- 1) College: UG- 22 students, Rs. 1,15,000
PG-1 student, Rs. 5000
- 2) Government:
UG- 12 students, Rs. 34,235
PG- 1 student, Rs. 1835

31. Details on student enrichment programmes –(Special lectures / workshops/ seminar) with external experts: Nil

32. Teaching methods adopted to improve student learning :
Industrial Visit and STAP

33. Participation in Institutional Social Responsibility (ISR) and extension activities

1. The Commerce Association 'COMMZENITH' of St. Thomas College undertook a teaching initiative under its community service program. The students of M.Com final year volunteered for assisting in teaching work at Government School, Ruabandha Sector, Bhilai during the month of October. Apart from the instructing their younger counterparts as per the requirements of the syllabus, they also discussed the importance of hard work, discipline and moral values to excel in their chosen career and in life.
2. The Commerce Association 'COMMZENITH' of St. Thomas College organized a blood donation camp in the college premises on Saturday, 19 September 2015. The camp aimed at making students aware of their social responsibilities and they too participated enthusiastically for the noble cause. In total, 77 units of blood was collected which will be provided to the patients of Dr. Bhim Rao Ambedkar Memorial Hospital & Pt. Jawaharlal Nehru Memorial Medical College, Raipur.

34. SWOC analysis of the department and future plans –

STRENGTHS

- 60% of the total college strength
- Qualified and dedicated staff with different area of specialization
- Extracts the inherited talents
- Overall personality developments
- Fulfill education through practical thinking
- Self help and help others programme
- Faculties' participation in national, international seminars and conferences.
- Community services
- Arranging industrial visit for students to get knowledge industries.

WEAKNESS

- Student teacher ratio
- Requires improvement in ICT facility in teaching and learning

OPPORTUNITIES

- Addition of short term courses like Tally and diploma courses
- To persuade students for courses like ACA, ICWA and CS etc.
- To prepare students for Competitive exams

CHALLENGES

- Incorporation of changes in implementing commerce curriculum
- To enhance learning process

Future plans of the department-

To establish research centre.

To provide vocational training to the M.Com and B.Com students by entrepreneurs.

Department of Economics

1. Year of establishment – UG Course – 1984 , PG Course – 1998
2. Names of Programmes / Courses offered – UG and PG
3. Names of Interdisciplinary Courses and the departments / unit involved – Nil
4. Annual / Semester / Choice based credit system (Programme wise) –
 - UG – Annual
 - PG – Semester
5. Participation of the department in the courses offered by other departments
 - Bachelor of Commerce (B.Com)
 - Bachelor of Journalism and Mass Communication (BJMC)
 - Bachelor of Business Administration (BBA)
6. Courses in collaboration with other university, Industries, Foreign institutions, etc. – Yes:
 - Pt. Ravishankar Shukla University, Raipur
 - Kushabhau Thakre Patrakarita Avam Jansanchar Vishwa Vidyalaya, Raipur
7. Details of courses / programmes discontinued (if any) with reasons – N/A
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	1
Asst. Professors	3	3

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience (Yrs)	No. of Ph.D for the last 4 years
Dr. Mariam Jacob	M.A., Ph.D.	Assoc. Prof.	Indian Economy, Micro Economics, Money Banking,	30	Nil

			Public Finance and Demography		
Dr. Aparna Ghosh	M.A., Ph.D.	Asst. Prof.	Micro Economics, Macro Economics, International Trade & Economics of Growth & Dev	7	Nil
Ms. Pragati Krishnan	MA, M.Phil (Eco)	Asst. Prof.	Macro Economics, Environmental Economics, Public Finance and Research Methodology	2	Nil
Ms. Chandni Shukla	MA (Eco), MBA and PGDCA	Asst. Prof.	Statistical Methods, Research Methodology and Money and Banking	1	Nil

10. List of Senior visiting faculty – Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

- BA I – 17%
- BA II – 67%
- BA III – 83%
- MA I/II – 65%
- MA III/IV – 60%
- BBA III Sem 20%
- BJMC II Sem- 10%
- BJMC IV Sem – 25%

12. Student – Teacher Ratio (Programme wise)

2015 – 2016		Student – teacher Ratio
UG	BA Part I	7:1
	BA Part II	7:1
	BA Part III	5:1
PG	MA Sem I	3:1
	MA Sem II	1:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled – 01

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG
 - Ph. D – 2
 - M.Phil – 1
 - PG – 1
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received – Nil
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received – Nil
17. Research Center / facility recognized by the University – Nil
18. Publications:
 - Publication - 2
 - Number of papers published in peer reviewed Journals (national / international) by faculty and students –International – 2
 - Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) – Nil
 - Monographs - Nil
 - Chapter in Books - Nil
 - Books Edited - Nil
 - Books with ISBN / ISSN numbers with details of publishers - Nil
 - Citation index - Nil
 - SNIP - Nil
 - SJR - Nil
 - Impact Factor – 2.782
 - H-index – Nil
19. Areas of Consultancy and income generated – N/A
20. Faculty as members in National/ International committees/ Editorial Boards – Nil
21. Student projects
 - Percentage of students who have done in-house projects including inter departmental / programme – Nil
 - Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies- Nil
22. Awards / Recognitions received by faculty and students –

I. UG – 2 University Merit Holders (2014- 2015)

II. PG - 1 University Merit Holders (2014- 2015)

23. List of eminent academicians and scientists / visitors to the department
Nil
24. Seminars / Conferences / Workshops organized & the source of
Funding National/ International – Nil
25. Student profile programme / Course wise (Year 2014-15)

Name of the course / programme	Applica-tion Received	Selected	Enrolled		Pass Percentage
			*Male	*Female	
BA Part I	30	25	14	11	84%
BA Part II	15	15	5	10	100%
BA Part III	21	21	6	15	100%
MA Sem I & II	Nil	Nil	Nil	Nil	Nil
MA Sem III & IV	03	03	0	03	100%

*M = Male *F = Female

26. Diversity of students (Year 2015-16)

Name of the Course	% from same state	% from other state	% from abroad
BA Part I	90.5	9.5	Nil
BA Part II	71.4	28.6	Nil
BA Part III	87.5	12.5	Nil
MA Sem I/ II	100	Nil	Nil
MA Sem III/ IV	100	Nil	Nil

27. How many students have cleared national and state competitive examination such as NET, GATE, Civil Services, Defense Services, etc. – No documentation available

28. Students progression (Year 2015-16)

Student progression	No. of Students
UG to PG	05
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed	
Campus Selection	01
Other than campus recruitment	01
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

- a. Library – Department Library
- b. Internet facilities for staff & students – Available -Wi-Fi
- c. Class rooms with ICT facility - No class rooms have ICT facility but the Conference hall and the Seminar hall available for classes when necessary.
- d. Laboratories – N/A

30. Number of students receiving financial assistance from college, university , government or other agencies –
College -3 students - Rs. 12000.00

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts

- Special Lecture – 01 (International Literacy day on importance of education)

32. Teaching methods adopted to improve student learning –

- Interactive Sessions
- Special Teaching Assistance Program (STAP)
- Power Point Presentation

33. Participation in Institutional Social Responsibility (ISR) and extension activities - Community services – creating awareness through skit, posters, PPT, among government school children --Gyandaan Program

34. SWOC analysis of the department and future plans

Strength-

- Well qualified and dedicated staff
- Good student-teacher ratio
- Involvement of teachers in project and research activities
- Student involvement in different activities and competitions like PPT, extempore, quiz etc.
- Well equipped department library catering to the need of the students and teachers.
- Special teaching assistance programme (STAP) – A need based programme providing individual attention to the students.
- 100% result both at the under-graduate and post-graduate level and achieving positions in the university merit list.

Weakness

- Unable to organize seminars /conferences/workshops etc.

Opportunity

- To provide guidance and coaching on a regular basis to students towards preparation for SET and NET Exam

Challenges

- Increase enrollment in PG
- Keen involvement of the faculty in research activity and projects

Future Plans

- To help the department to grow to become a research center

DEPARTMENT OF EDUCATION

1. Year of establishment - 2002
2. Names of Programmes / Courses offered – UG
3. Names of Interdisciplinary Courses and the departments / unit involved-
None
4. Annual / Semester / Choice based credit system (Programme wise)-
Semester System
5. Participation of the department in the courses offered by other
departments – None
6. Courses in collaboration with other university, Industries, Foreign
institutions, etc. – None
7. Details of courses / programmes discontinued (if any) with reasons – Nil
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	07	07

9. Faculty profile with name, qualification, designation, specialization,
(D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualifi- cation	Desig- nation	Special- ization	Experi- ence (Yrs)	No. of Ph.D students guided for the last 4 years
Dr. Sheeja Thomas	B.Sc (Bio), M.Sc (Organic Chem), BEd M.Ed, Ph.D (Edu)	Asst. Prof.	Educational Technology and management,	14	Nil

	NET(Edu.)				
Mrs. Deepthi Santosh	B.A (Eco), B.Ed, M.A (Sociology), M.Ed, M.Phil(Edu.) NET (Edu.)	Asst. Prof.	Philosophy and Sociological Perspectives in Education,	2 years as guest lecturer in sociology. 13 years	Nil
Dr. Sonia Popli	B.Sc (Bio), B.Ed, M.Ed, M.Phil (Edu) NET (JRF), Ph.D (Edu), M.A (Eng)	Asst. Prof.	Measurement & Evaluation, Guidance & Counseling,	04 years as UGC- JRF. 13 years	02 Awarded 04 Enrolled
Dr. Shabnam Khan	B.Com, M.A (Eng) M.A(Econo mics), B.Ed, M.Ed, M.Phil (Edu) NET (Edu.) Ph.D (Edu)	Asst. Prof.	Methodology of Teaching English, Guidance and Counselling, Research Methodology.	12 years	Nil
Dr. Reema Dewangan	B.Sc, M.Sc. (Physics), B.Ed, M.Ed, M.A(Psycho logy) Ph.D (Edu.)	Asst. Prof.	Educational and Mental Measurement, Research Methodology	12 years	Nil
Mrs.Rupa Shrivastav	B.A, M.A (Hindi), B.Ed, M.Ed, M.Phil (Edu)	Asst. Prof.	Methodology of Teaching Hindi	7years and 6 months	Nil
Mrs. Surekha Jawade	B.A,M.A (Hindi) B.Ed, M.Ed, M.Phil Edu.	Asst. Prof.	Methodology of Teaching Hindi	12year	Nil

10. List of Senior visiting faculty- Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- Nil

12. Student – Teacher Ratio (Programme wise)- B. Ed – 5:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled- 2

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG
Ph.D.: 04
M.Phil: 3
15. Number of ongoing projects from a. National b. International funding agencies and grants received : 5 MRP are sanctioned of Rs 7,85,000
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received – 5 MRP are sanctioned of Rs 7,85,000
17. Research Center / facility recognized by the University- Nil
18. Publications:
 - a. Publication : 29
 - b. Number of papers published in peer reviewed Journals (national / international) by faculty and students: 29
 - c. Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)
 - d. Monographs- Nil
 - e. Chapter in Books- Nil
 - f. Books Edited - Nil
 - g. Books with ISBN / ISSN numbers with details of publishers- Nil
 - h. Citation index - Nil
 - i. SNIP - Nil
 - j. SJR-- Nil
 - k. Impact Factor- 1.5408-5.215
 - l. H-index - Nil
19. Areas of Consultancy and income generated - Nil
20. Faculty as members in
 - a. National committees b) International Committees c) Editorial Boards.... Nil
21. Student projects
 - a. Percentage of students who have done in-house projects including inter departmental / programme- Nil
 - b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies- Nil
22. Awards / Recognitions received by faculty and students
2014-15 Akash Haider – University Merit
23. List of eminent academicians and scientists / visitors to the department

Dr. Neera Pandey (H.O.D-Department of Education, Shankaracharya College of Education) delivered Guest Lecture on 27 Sept.2014 on “Gestalt Theory”

24. Seminars / Conferences / Workshops organized and the source of funding:
Nil

25. Student profile programme / Course wise:

Name of the course / programme	Application Received	Selected	Enrolled		Pass %
			*Male	*Female	
U.G Session-2014-15	100	100	26	74	97.97%

*M = Male *F = Female

26. Diversity of students(2015-16)

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
B.Ed	66.7	33.3	Nil

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
One student cleared NET in the year 2015

28. Students Progression

Student Progression	Against % Enrolled
UG to PG	(02)- 02% (of session 2014-15)
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed	
<ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	(04)-04% (of session 2014-15)
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

- a. Library** - Departmental Library with 366 books
b. Internet facilities for staff & students- Available

c. Class rooms with ICT facility- Conference hall and Seminar hall are available for ICT classes

d. Laboratories- Science Lab, ICT Lab, Psychology Lab Available

30. Number of students receiving financial assistance from college, university, government or other agencies

Students receiving scholarship (Session-2014-15)

College – 1 Govt. agencies – 11

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts

Dr. Neera Pandey (H.O.D-Department of Education, Shankaracharya College of Education), delivered Guest Lecture on 27 Sept.2014 for Lecture on the topic “Gestalt Theory”.

32. Teaching methods adopted to improve student learning:

Project Method, Active Learning Method (ALM), Use of L.C.D, Power Point Presentations, Laboratory Method, Experimental Method, Other Interactive Methods.

33. Participation in Institutional Social Responsibility (ISR) and extension activities

Community Activities were conducted during the session-2015 as under:-

1. Visit to Mother Teresa Ashram, Vaishali Nagar on 16th Oct 2015
2. Dental Check Up of School students at St. Thomas School, Risali on 3rd Nov. 2015.
3. Craft and Tree Plantation at St. Thomas School, Risali on 6th Nov 2015

34. SWOC analysis of the department and future plans

STRENGTHS:

- Good infrastructure for all round development of the students.
- The department has dedicated, highly qualified, skilled and competent faculty engaged in research activities.
- Promotes and maintains quality training in their academic pursuits.
- The teacher student ratio is good enough to successfully address individual need of the students.
- Department takes initiative in Social Responsibility.
- The college is considered as an institution of great reputed resulting in preference in placements.
- Every year students excel in academics and get position in the merit list of the University.
- Regular remedial support is given to weak students.

WEAKNESS:

- Financial constraints due to low intake of students
- ICT facility needs to be upgraded

OPPORTUNITIES:

- The department has infrastructural facilities for starting up Diploma and P.G Programmes.
- Research centre can be established to provide more output in the higher research areas.

CHALLENGES:

- Sustaining quality of work culture of the department
- Attracting the employers for conducting campus recruitment drives.
- Increasing student enrolment.
- To keep pace with rapid changes in higher education.

FUTURE PLANS-:

Develop strategies to increase enrolment of students to the existing courses.

DEPARTMENT OF ENGLISH

1. Year of establishment- 1984 - UG, 1998 –PG
2. Names of Programmes / Courses offered: UG, PG.
3. Names of Interdisciplinary Courses and the departments / unit involved
Nil.
4. Annual / Semester / Choice based credit system (Programme wise) –
 - Annual – B.A, B.Com, B.Sc, BCA.
 - Semester – B.B.A, B.A (JMC), M.A – English
5. Participation of the department in the courses offered by other departments
 - U.G. - B.A, B.Com, B.Sc, BCA. B.B.A, B.A. (JMC),
 - P.G. - M.A. -English.
6. Courses in collaboration with other university, Industries, Foreign institutions, etc.-Nil
7. Details of courses / program discontinued (if any) with reasons – Nil.
8. Number of teaching posts

Designation	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Asst. Professors	04	04

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualifi- cation	Designa- tion	Specialization	Experi- ence (Yrs)	No. of Ph.D students guided for the last 4 years
Dr. Shiny	MA,	Asstt. Prof	Indian Writing,	17	Nil

Mendonce	M.Phil, Ph.D.		American Lit, Linguistics, Critical theory.		
Dr. Sujata Koley	MA, M.Phil, Ph.D.	Asstt. Prof	Indian Writing, American Lit. Modernist Lit.	02	Nil
Mrs. Susan Ebison	MA, M.Phil	Asstt. Prof	Indian Writing, American Lit	07	Nil
Mrs. Lakshmi Pramod	M.A , B.Ed	Asstt. Prof	Indian Writing, American Lit, Critical Theory	08 months	Nil

10. List of Senior visiting faculty- Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty – 20% of the total class

12. Student – Teacher Ratio (Programme wise)

- BA I - 12.5:1
- BA II - 11: 1
- BA III - 8: 1
- MA - 7:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled – 01

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG –

- Ph.D – 02.
- M.Phil – 01.
- PG – 01

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received – Nil

16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received – Nil

17. Research Center / facility recognized by the University – Nil

18. Publications:

Publication of faculty - 01

Number of papers published in peer reviewed Journals (national / international) by faculty and students- 01

Peer reviewed Journal (National) (Research Link) – 01

Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)- Nil

Monographs- Nil

Chapter in Books- Nil

Books Edited- Nil

Books with ISBN / ISSN numbers with details of publishers- Nil

Citation index- Nil

SNIP- Nil

SJR - Nil

Impact Factor - 2.782

H-index- Nil

19. Areas of Consultancy and income generated – Nil

20. Faculty as members in -

b. National committees b) International Committees c) Editorial Boards – Nil

21. Student projects –

a. Percentage of students who have done in-house projects including inter departmental / programme - Nil

b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies - Nil

22. Awards / Recognitions received by faculty and students –

- Cultural Award - 01 (student)
- Sports Award - 01 (student)

23. List of eminent academicians and scientists / visitors to the department - Eminent Academician and Visitor

- Mr. Mukesh Yadav (Director, Fluency Academy)
- Mr. Abhishek Agrawal (Writer and Novelist, National level)

24. Seminars / Conferences / Workshops organized & the source of funding

1. National - Nil
2. International – Nil

25. Student profile programme / Course wise: Academic year 2014 - 15

Name of the course / program	Application Received	Selected	Enrolled		Pass %
			*Male	*Female	
BA I	30	25	14	11	98%
BA II	15	15	05	10	100%
BA III	21	21	06	15	100%
MA I,II	15	11	03	08	90.9%
MA III,IV	20	18	02	16	100%

*M = Male *F = Female

26. Diversity of students – Academic year 2015 - 16

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
BA I	90.5	9.5	Nil
BA II	71.5	28.5	Nil
BA III	87.5	12.5	Nil
MA I/II	94.7	5.3	Nil
MA III/IV	100	Nil	Nil

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?

- CTET- 01(student)

28. Students progression- Academic Year – 2015 - 16

Student Progression	Against % Enrolled
UG to PG	20%
PG to M.Phil	05% (other institution)
PG to Ph.D	02% (other institution)
Ph.D to Post-Doctoral	Nil

Employed	
Campus Selection	02%
Other than campus recruitment	10%
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

a. **Library-**

- 05 Journal available in Central Library
- 172 books in Departmental library

b. **Internet facilities for staff & students** – Available for staff and PG students.c. **Class rooms with ICT facility** - ICT enabled Seminar and Conference hall is usedd. **Laboratories-** Language Lab - 1

30. Number of students receiving financial assistance from college, university, government or other agencies.

- a. College :BA - 03 students M.A- 02 students

31. Details on student enrichment programmes (special lectures / workshops/seminar) with external experts.

- Mr. Mukesh Yadav (Director, Fluency Academy) – Communication skills
- Mr. Abhishek Agrawal (Writer and Novelist, National level) -- Creative Writing.

32. Teaching methods adopted to improve student learning –

- a. Audio – Visual aids used to improve learning process.
- b. Subject based Film Screening
- c. Students are coached for Research oriented Teaching Learning process.
- d. Regular departmental Activities under the aegis of Language Forum held to enhance the learning process .These activities include interdisciplinary Psychology and English) guest lecture , various competitions like creative writing, self-composed Poem recitation, workshops, paper presentation etc.

33. Participation in Institutional Social Responsibility (ISR) and extension activities- Community Service –by UG and PG Students to various schools, visit Old Age home and Orphanage

34. SWOC analysis of the department and future plans-

STRENGTH

- Well established UG and PG Library.
- Well qualified teachers.
- Research Oriented Teaching.
- Well maintained infrastructure.
- Good number of students for both UG and PG.
- Good support from other Departments of the college.
- Good academic result.

WEAKNESSES

- Department does not have Publication and research areas
- Difficulty in coping with the Third language students.

OPPORTUNITIES

- Improving Language Lab.

CHALLENGES

- Medium of teaching (majority of students are from Hindi medium), bilingual method

FUTURE PLANS

- To run short term certificate courses.
- Establish the department as Research Centre.

DEPARTMENT OF HINDI

1. Year of establishment- Year -1984
2. Names of Programmes / Courses offered:
UG (B.Com, B.Sc., B.A - Part I, II, III),
B.B.A-II Semester
B.J.M.C-II Semester
3. Names of Interdisciplinary Courses and the departments / unit involved-
Nil
4. Annual / Semester / Choice based credit system (Programme wise)

Annual	Semester
B.Com - Part I,II,III	B.B.A-II Semester
B.Sc - Part I,II,III	B.J.M.C –II Semester
B.A - Part I,II,III	

5. Participation of the department in the courses offered by other departments-B.Com, B.A, B.Sc., B.B.A II Sem, B.J.M.C II Sem
6. Courses in collaboration with other university, Industries, Foreign institutions, etc.
B.J.M.C –II Sem
7. Details of courses / programmes discontinued (if any) with reasons- Nil
8. Number of Teaching Posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	02	02

- 9 Faculty10 profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D students guided for the last 4 years
Mrs Surekha Jawade	M.A (Hindi Lit), M.Ed. M.Phil (Edu)	Asst. Prof.	-	16 Years	-

Mrs Rupa Shrivastav	M.A (Hindi Lit), M.Ed. M.Phil Edu	Asst. Prof.	-	8 Years	-
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10. List of Senior visiting faculty- Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- Nil
12. Student – Teacher Ratio (Programme wise) –

Student Wise Programme	Student -Teacher ratio
B.Com-Part-I	61: 1
B.Com-Part-II	60: 1
B.Com-Part-III	77:1
B.A - Part –I	21 : 1
B.A - Part –II	15:1
B.A - Part –III	21:1
B.Sc-Part –I	113:1
B.Sc-Part –II	55:1
B.Sc-Part –III	34:1
B.B.A-II Sem	53:1
B.J.M.C-II Sem	11:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled-01
14. Qualification of Teaching Faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG MPhil – 2
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received – Nil
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received- Nil
17. Research Center / facility recognized by the University Nil
18. Publications
Publication of faculty - 2
 - Number of papers published in peer reviewed Journals (national / international) by faculty and students- 2
 - Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare

Database- International Social Sciences Directory, EBSCO host, etc.)-Nil

- Monographs - Nil
- Chapter in Books- Nil
- Books with ISBN / ISSN numbers with details of publisher – Nil
- Citation index : Nil
- SNIP: Nil
- SJR: Nil
- Impact Factor 1.776
- H-index : Nil

19. Areas of Consultancy and income generated - Nil

20. Faculty as members in Nil

a) National committees b) International Committees c) Editorial Boards... Nil

21. Student projects

- Percentage of students who have done in-house projects including inter Departmental Programme –

B.B.A-II Sem	100%
B.J.M.C-II Sem	100%

- Percentage of students placed for projects in organizations outside the institution i.e in Research laboratories / Industry / Other agencies - Nil

22. Awards / Recognitions received by faculty and students - Nil

23. List of eminent academicians and scientists / visitors to the department
Nil

24. Seminars / Conferences / Workshops organized & the source of funding
National /International – Nil

25. Student profile programme / Course wise:

Name of the course / programme	Application Received	Selected	Enrolled		Pass %
			*Male	*Female	
B.Com I,II,III	500/300/300	370/239/23 3	183/100/ 87	187/139/ 146	92.97/ 99.16/ 99.57

B.Sc I,II,III	300/150/100	227/110/68	76/33/21	151/77/ 47	96.9 / 99 / 100
B.A I,II,III	30/30/30	21/15/21	13/6/7	9/9/14	95.45 / 93.3 / 100
B.B.A – IISem	60	53	23	30	98.11
B.J.M.C –II Sem	15	11	07	04	72.72

*M = Male *F = Female

26. Diversity of students

Name of the Course	% of students from the same state	% of students from other state	% of students from board
B.Com I,II,III	90.8/86.2/90.1	9.2/13.8/9.9	-
B.Sc. I,II,III	87.9/91.21/96.2	12.1/8.79/3.8	-
B.A I,II,III	90.5/71.4/87.5	9.5/28.5/12.5	-
B.B.A –II Sem	87.5	12.5	-
B.J.M.C –II Sem	92.3	7.7	-

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.? 01

28. Students progression - NA

Student Progression	Against % Enrolled
UG to PG	-
PG to M.Phil	-
PG to Ph.D	-
Ph.D to Post-Doctoral	-
Employed	-
<ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	
Entrepreneurship / Self-employed	-

29. Details of Infrastructural facilities

- a. Library- Book available in Central Library
- b. Internet facilities for staff & students- Yes
- c. Class rooms with ICT facility -No
- d. Laboratories –No

30. Number of students receiving financial assistance from college, university government or other agencies –Nil

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts- Nil

32. Teaching methods adopted to improve student learning- Class room teaching and STAP

33. Participation in Institutional Social Responsibility (ISR) and extension activities- Community Work done in CCET, Kailash Nagar Supela Bhilai to teach students about significance of Hindi as our national language.

34. SWOC analysis of the department and future plans:

SWOC analysis not conducted

Future Plans: Introduce Hindi Literature in B.A.

Department of Journalism and Mass Communication

1. Year of establishment : 2012
2. Names of Programmes / Courses offered : UG
3. Names of Interdisciplinary Courses and the departments / unit involved: Nil
4. Annual / Semester / Choice based credit system (Programme wise): Semester
5. Participation of the department in the courses offered by other departments: Nil
6. Courses in collaboration with other university, Industries, Foreign institutions, etc.: Nil
7. Details of courses / programmes discontinued (if any) with reasons: Nil
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	2	2

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years
C. G. Akhila	M.A. (Mass Communication)	Assistant Professor	Journalism and Public Relations	5 years	-
Bichitrananda Panda	M.Sc. (Electronic Media)	Assistant Professor	Television Journalism and Production	1 year	-

10. List of Senior visiting faculty :Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

S.No	Classes	Percentage
1.	BJMC Part I	70%
2.	BJMC Part II	75%
3.	BJMC Part III	75%

12. Student – Teacher Ratio (Programme wise):

S. No	Classes	Percentage
1.	BJMC Part I	3: 1
2.	BJMC Part II	3: 1
3.	BJMC Part III	2:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 1

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG:
M.Phil: 1
PG-1

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received: Nil

17. Research Center / facility recognized by the University: Nil

18. Publications:

- Publication of faculty - Nil
- Number of papers published in peer reviewed Journals (national / international) by faculty and students - Nil
- Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.): Nil
- Monographs: Nil
- Chapter in Books- Nil
- Books Edited: Nil
- Books with ISBN / ISSN numbers with details of publishers: Nil

- Citation index - Nil
- SNIP - Nil
- SJR- Nil
- Impact Factor - Nil
- H-index - Nil

19. Areas of Consultancy and income generated: Nil

20. Faculty as members in National /International Committees/
Editorial Board : Nil

21. Student projects

- Percentage of students who have done in-house projects including inter departmental programme: Nil
- Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies: Nil

22. Awards / Recognitions received by faculty and students:
Kalapratibha Award won by student of 4th Semester

23. List of eminent academicians and scientists / visitors to the department:
Prof. (Dr.) Man Singh Parmar, Vice Chancellor, KushabhauThakre
Patrakarita Avam jansanchar Vishwa Vidyalaya , Raipur

24. Seminars / Conferences / Workshops organized & the source of funding

- National: Nil
- International: Nil

25. Student profile programme / Course wise:

Name of the course / programme	Application Received	Selected	Enrolled		Pass Percentage
			*Male	*Female	
BA(JMC) Sem I	16	13	6	7	91%
BJMC Sem III	4	4	2	2	100%
BJMC Sem V	3	3	2	1	100%

*M = Male *F = Female

26. Diversity of students (2015-16)

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
BA(JMC) Sem I/II	92.31	7.69	NA
BJMC Sem III/IV	90	10	NA
BJMC Sem V/VI	100	Nil	Nil

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
Nil

28. Students progression

Student Progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	Nil
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

- a. Library: Central Library provides all necessary books
- b. Internet facilities for staff & students: Yes, there is a system for the staff in the department. For students, there are 10 systems in the library besides being Wi-Fi enabled campus
- c. Class rooms with ICT facility: Nil
- d. Laboratories: N/A

30. Number of students receiving financial assistance from college, university , government or other agencies: 01
31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts: Student interaction by Asha Shukla, Chairperson of Pt. Madhav Rao Sapre Research Center, KTUJM, Raipur.
32. Teaching methods adopted to improve student learning: Regular lecture methods are used, students take seminars and give presentations on completion of a topic and also discussions and special activity classes are conducted on Saturdays to students for professional exposure.
33. Participation in Institutional Social Responsibility (ISR) and extension activities. – “Nukkad Natak” was performed by the students in Civic Centre, Bhilai to spread awareness about the rational use of ‘Social Media’
34. SWOC analysis of the department and future plans:

STRENGTH

- Well aware and socially sensitive students.
- Good academic performance
- Active participation in extracurricular activities at college, inter college and university level.

WEAKNESS

Infrastructural facilities for the course need to be improved.

OPPORTUNITY

Develop a Media Lab.

CHALLENGES

To motivate students to pursue journalism and mass communication as a career.

FUTURE PLANS

Enhance the functioning of the department.

Department of Management Studies

1. Year of establishment : 1999
2. Names of Programmes / Courses offered: UG - BBA
3. Names of Interdisciplinary Courses and the departments / unit involved :
There is no Interdisciplinary Courses but the department takes the assistance in the following to complete the syllabus.

Semester	Subjects	Department Involved
I	English	Department of English
	Computer Application	Department of Computer Science
	Business Maths	Department of Maths
II	Hindi	Department of Hindi
	Business Economics	Department of Economics
	Cost Accounting	Department of Commerce
III	Business Environment	Department of Economics
	Management Information System	Department of Computer Science
IV	Organisational Behaviour	Department of Commerce
	HR Management	Department of Commerce
V	Quantitative Techniques	Department of Maths
VI	Business Taxation	Department of Commerce

4. Annual / Semester / Choice based credit system (Programme wise):
Semester
5. Participation of the department in the courses offered by other departments : M.Com, BCA, BA, M.A(Eco), M.Sc (Biotech).
6. Courses in collaboration with other university, Industries, Foreign institutions, etc.: Nil
7. Details of courses / programmes discontinued (if any) with reasons : Nil
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	2	2

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D students guided for the last 4 years
Dr. Susan R. Abraham	Ph.D MBA(F) M.Com	Assistant Professor	Finance & Marketing	15	Nil
Mr. Mahendra Ikhar	MBA M.Com	Assistant Professor	Finance & Marketing	7	Nil

10. List of Senior visiting faculty : Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Semester	Percentage
I	60%
II	60%
III	40%
IV	60%
V	20%
VI	60%

12. Student – Teacher Ratio (Programme wise) : BBA

Semester	Ratio
I	12:1
II	11.6:1
III	12.75:1
IV	10.2:1
V	18.3:1
VI	18.3:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 1

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG

Ph.D --- 1

PG --- 1

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received : Nil

17. Research Center / facility recognized by the University : Nil

18. Publications: For the Year 2015-16

- Publication of faculty-----3
- Number of papers published in peer reviewed Journals (national / international) by faculty and students----1
- Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)-----Nil
 - Monographs -Nil
 - Chapter in Books -Nil
 - Books Edited Nil
 - Books with ISBN / ISSN numbers with details of publishers - Nil
 - Citation index- Nil
 - SNIP: Nil
 - SJR: Nil
 - Impact Factor: Range - 1-3.029
 - H-index: Nil

19. Areas of Consultancy and income generated : Nil

20. Faculty as members in: Editorial Board: 1(Asian Journal of Management)

21. Student projects

- a. Percentage of students who have done in-house projects including inter departmental / programme : Nil
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies : 100%

22. Awards / Recognitions received by faculty and students [2014-15]
Students University Merit List

Year	Name of student	Position
2014-15	Namrata Pathodiya	2 nd
	Kiran Sharma	4 th

Nitish Bhagat received Ist prize in Drawing in 8th International Competition and Festival of Indian Art and Culture 2016 held at Bangkok

23. List of eminent academicians/scientists /visitors to the department : Nil
24. Seminars / Conferences / Workshops organized & the source of funding - Nil
25. Student profile programme / Course wise: [Year 2014-15]

Name of the course / programme (refer question No-4)	Applicati on Received	Selected	Enrolled		Pass Percentage
			*Male	*Female	
BBA I Semester	71	60	28	32	100%

*M = Male *F = Female

26. Diversity of students [2015-16]

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
BBA Sem I/II	91.7	8.3	Nil
BBA Sem III/IV	87.5	12.5	-
BBA Sem V/VI	91.2	8.8	-

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.? Nil

28. Students progression

Student Progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	20% of final year students Nil
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

- a. Library : Department has a library with 117 books.
- b. Internet facilities for staff & students: For staff in the department and for students, there are 10 systems with internet available in the library.
- c. Class rooms with ICT facility: Nil. Though ICT enabled seminar and conference hall are easily accessible.
- d. Laboratories: N/A

30. Number of students receiving financial assistance from college, university , government or other agencies :

- i) College: 1 student, Rs. 6000
- ii) Government: 7 students, Rs. 42,000

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts :

- Guest lecture (Industry interaction): 24th September 2015.
External expert: Mr. Neeraj
- Workshop -“Barriers on the way of effective communication”:
7th October 2015.
External Expert: Dr. Debjani Mukherjee, HOD Dept. of Psychology, St. Thomas College, Bhilai
- Seminar- Project reports and methodology 30th January 2016.
External Expert: Dr. Manoj Varghese, Dean (Student Development), HOD Management Studies, Rungta College of Engineering and Technology, Bhilai
- Orientation programme 1st March 2016.
External expert: Dr. Prithish Behra, Tata Institute of Social Sciences, Mumbai.

32. Teaching methods adopted to improve student learning; Powerpoint presentations, management games, group discussion.

33. Participation in Institutional Social Responsibility (ISR) and extension activities Nil

34. SWOC analysis of the department and future plans

Strengths	<ul style="list-style-type: none"> • Qualified, experienced, Dedicated faculty members • Organising Weekly activity Classes • Organising National Conferences • Conducting Various events under the aegis of Management Association- Unborn
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	<p>Archons</p> <ul style="list-style-type: none"> • Conducting pool campuses and students being successfully employed
Weakness	<ul style="list-style-type: none"> • Lack of ICT facility and accessories.
Opportunities	<ul style="list-style-type: none"> • Services of Alumni to be better utilized • Live Projects for the students can be undertaken
Challenges	<ul style="list-style-type: none"> • Establish more linkages with Industry • Organising Industrial Tours • Collaboration with Management Association nationally

Future Plans of the Department:--

- a. MBA Course to be introduced

Department of Mathematics & Computer Science

- Year of establishment : U.G (Mathematics): 1984
U.G - Computer Science: 1995
P.G - Mathematics: 1997
P.G - Computer Science: 2001
PGDCA: 2001
- Names of Programmes / Courses offered UG, PG, M. Phil., Ph.D., Integrated Master; Intergrated Ph.D., etc.)

UG	B.Sc.- Computer Science B.Sc.- Mathematics B.Sc – Information Technology BCA
PG	M.Sc.- Computer Science M.Sc. - Mathematics M.Sc.- Information Technology
DIPLOMA	PGDCA

- Names of Interdisciplinary Courses and the departments / unit involved- Nil
- Annual / Semester / Choice based credit system (Programme wise)
UG – Annual
PG - Semester
PG Diploma - Semester
- Participation of the department in the courses offered by other departments – BCom, BA (JMC), BBA, BSc (Microbiology and Biotechnology)
- Courses in collaboration with other university, Industries, Foreign institutions, etc.: BA(JMC) Kushabhau Thakre Patkarita awam Jansanchar Vishwa Vidyalay Raipur, CG
- Details of courses / programmes discontinued (if any) with reasons – Nil
- Number of teaching posts :

Designation	Sanctioned	Filled
Professors	-	Mathematics : 01

Associate Professors	-	-
Asst. Professors	Mathematics: 06 Computer Science:07	Mathematics: 06 Computer Science:07

9. Faculty profile with name, qualification, designation, specialization,
(D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years
Dr. Reny George	M.Sc Maths PhD	Principal	Fixed point theory, Fuzzy sets	32	1
Dr. Suja Varghese	M.Sc Maths M.Phil PhD	Asst. Professor	Variational Inequality	17	-
Mr.Santosh Kumar Miri	M.Sc. CS M.Phil	Asst. Professor	Data Mining	16	-
Mrs.Smita Suresh Danial	M.Sc.IT M.Phil CS	Asst. Professor	Data Structure	15	-
Mrs. K. Manju	M.Sc.CS M.Phil	Asst. Professor	RDBMS	12	-
Mrs. Seril Saji	M.Sc Maths M.Phil	Asst. Professor	Non Linear Operators	8	-
Ms Preeti Jain	M.Sc CS MCA M.Phil	Asst. Professor	Web Mining	5	-
Ms Neelam Pandey	M.Sc Maths)	Asst.prof	Topology	5	-
Ms Snigdha Dey	M.Sc Maths	Asst.Prof	Operation Research	2	-
Mrs. G. Rekha	M.Sc Maths	Asst.Prof	Real Analysis	2	-
Mrs Shikha Tiwari	M.Sc Maths	Asst.Prof	Discrete Mathematic	1	-

Ms Seema Makhija	MCA	Asst.Prof	Data Structure	3	-
Ms Shobha Sharma	MCA	Asst.Prof	Computer Network	3	-

10. List of senior visiting faculty – Nil

11. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty

PROGRAM	THEORY	PRACTICAL
BCA-I	50%	50%
BCA-II	35%	35%
BCA-III	35%	35%
B. Sc. -I	60%	Nil
B. Sc. -II	60%	Nil
B. Sc. -III	40%	Nil
M.Sc. I/ II Sem (Mathematics)	80%	Nil
M.Sc. III/ IV Sem (Mathematics)	60%	100%
M.Sc. I/II Sem (C.S)	60%	20%
M.Sc. IIIrd & IVth Sem (C.S)	60%	20%
PGDCA	70%	Nil

12. Student – Teacher Ratio (Programme wise)

S.No.	Programme	Ratio
1.	B.Sc Part – I(Maths)	44:1
2.	B.Sc Part - II (Maths)	31:1
3.	B.Sc Part - III(Maths)	19:1
4.	M.Sc Mathematics I sem / II sem	6:1
5.	M.Sc Mathematics III sem / IV sem	5:1
6.	B.Sc Part – I (Comp)	30:1
7.	B.Sc Part - II (Comp)	25:1
8.	B.Sc Part –III (Comp)	25:1
9.	B.CA Part-I	3:1
10.	B.CA Part-II	2:1
11.	B.CA Part-III	3:1
12.	M.Sc Computer I sem / II sem	2:1
13.	M.Sc Computer III sem / IV sem	2:1
14.	PGDCA I sem / II sem	10:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled Academic support staff : 2
14. Qualification of teaching faculty with D. Sc/ D. Litt/ Ph. D/ M. Phil/ PG
Ph. D - 02
M. Phil – 05
M.Sc. – 04
MCA - 03
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-----Nil
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received-----Nil
17. Research Center / facility recognized by the University----Nil
18. Publications:
- Publication faculty: 06
 - Number of papers published in peer reviewed Journals (national / international) by faculty and students: 06
 - Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)
 - Monographs: Nil
 - Chapter in Books: Nil
 - Books Edited: Nil
 - Books with ISBN / ISSN numbers with details of publishers: Nil
 - Citation index: Nil
 - SNIP: Nil
 - SJR: Nil
 - Impact Factor: Nil
 - H-index: Nil
19. Areas of Consultancy and income generated – Nil
20. Faculty as members in
a. National committees b) International Committees c) Editorial Boards.... - Nil
21. Student projects
a. Percentage of students who have done in-house projects including inter departmental / programme - 100%

- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies - Nil

22. Awards / Recognitions received by faculty and students –

- University merit holders:
 - Priyanka Khatri (M.Sc. Mathematics) 10th position
 - Ms. Priyanjali (B.Sc. -III) 7th position
 - Ms. A. Shobhawati (B.Sc. -III) 8th position
- National Science day: 27th Feb, 2016 (Power Point Presentation on “Make in India- Science & Technology driven innovations”
Ms. Neelima Sinha won a cash prize of Rs. 1000/-

23. List of eminent academicians and scientists / visitors to the department –

- Dr. A. K. Somasekhar- Topic “Opportunities in computing Technology”
Date: 19th Sept., 2015
- Dr. H. K. Pathak- Topic” See the world through Mathematics”
Date: 21st Sept., 2016
- Dr. R.D. Sarma - Introduction of Fuzzy sets
Date: 27th Feb., 2016

24. Seminars / Conferences / Workshops organized & the source of funding -

- a. National - Nil
b. International - Nil

25. Student profile programme / Course wise:

Name of the course / programme	Application Received	Selected	Enrolled		Pass Percentage
			*Male	*Female	
B.Sc Part – I (Maths)	150	131	55	76	71.6%
B.Sc Part – II (Maths)	100	59	23	36	94.9%
B.Sc Part – III (Maths)	65	35	8	27	96.9%
M.Sc Mathematics I sem / II sem	40	29	14	15	92.85%
M.Sc Mathematics I sem / II sem	40	26	11	15	100%
B.Sc Part – I	70	62	25	37	75%

(Comp)					
B.Sc Part - II (Comp)	45	42	10	32	100%
B.Sc Part – III(Comp)	50	18	4	14	88.23%
B.CA Part-I	40	24	15	9	37.5%
B.CA Part-II	28	28	16	12	92.8%
B.CA Part-III	23	23	2	21	95%
M.Sc Computer I sem / II sem	10	8	2	6	100%
M.Sc Computer III sem / IV sem	8	6	nil	6	100%
PGDCA I/II Sem	40	28	11	18	96.5%

*M = Male *F = Female

26. Diversity of students

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
BSc I	90.5	9.5	-
BSC II	90.3	9.7	-
BSc Part-III	99	1	-
BCA I	93.1	6.9	-
BCA II	100	-	-
BCA III	88.9	11.1	-
MSc Maths I/II	80	20	-
MSc Maths III/IV	84.6	15.4	-
MSc CS I/II	88.9	11.1	-
MSc CS III/IV	87.5	12.5	-
PGDCA	80	20	-

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
Nil

28. Students progression

Course	Against % enrolled
UG to PG	25.7%
PG to M.Phil	NIL
PG to Ph.D	NIL
Ph.D to Post-Doctoral	NIL
Employed <ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	4.3% Shreya Soni (Ex- BCA) Wipro
Entrepreneurship / Self-employed	NIL

29. Details of Infrastructural facilities

- a. Departmental Library: - Besides the central library the department has a library with 146 books for both the staff and students
- b. Internet facilities for staff & students: This facility is available for students and staffs. 1st Lab - 25 systems, 2nd Lab - 26 systems
- c. Class rooms with ICT facility – 3rd Computer Lab is ICT enabled.
- d. Laboratories – 3 Computer Lab

30. Number of students receiving financial assistance from college, University, Government or other agencies:

- i) College - UG : No. of students- 7, Amount- 38,000/-
- ii) Government – UG : No. of students – 10, Amount – 42,620/-
PG : No. of students – 18, Amount – 34,870/-

31. Details on student enrichment programs (special lectures / workshops/ seminar) with external experts –

- Dr. A. K. Somasekhara- Topic “Opportunities in computing Technology”
Date : 19th Sept., 2015
- Dr. H. K. Pathak- Topic” See the world through Mathematics”
Date: 21st Sept., 2016
- Dr. R.D. Sarma - Introduction to Fuzzy Sets on 27th Feb, 2016

32. Teaching methods adopted to improve student learning:

Class room seminars, STAP

33. Participation in Institutional Social Responsibility (ISR) and extension activities –

Community Service “Learning With Fun”

Date : 22nd Oct. – 24th Oct. 2015

Smart class for students of class IV and V of Govt. Middle School, Ruabandha, Bhilai.

Need -Based Service

Date : 5th Oct. – 17th Oct. 2015

Govt. Higher Secondary School Ruabandha, Bhilai.

Topic : “Trigonometry” in Mathematics for class IX students

34. SWOC analysis of the department and future plans –

Strength:

- Proficient faculty with technical knowledge and expertise.
- Laboratories with latest software and internet facilities.
- Collection of reference and text books in departmental library.
- Timely conductance of departmental activities like seminars, workshops, expert talks and conferences.
- Development of scientific and technical skills in students through forum activities.
- Guidance and placement activities for final year’s students.

Weakness:

- Inadequate research activity.

Opportunity

- Provision of books for Hindi medium students.
- Workshops on latest technologies.

Challenges

- Alumni Support.
- Personality Development of students.

Future plans

- To begin the Research activities.
- Development of laboratories

DEPARTMENT OF MICROBIOLOGY AND BIOTECHNOLOGY

1. Year of establishment- UG: Microbiology - 1989
Biotechnology - 2005
PG: Microbiology - 1989
Biotechnology – 2002
2. Names of Programmes / Courses offered
UG: Microbiology, Biotechnology
PG: Microbiology, Biotechnology
Ph.D: Microbiology
3. Names of Interdisciplinary Courses and the departments / unit involved-
None
4. Annual / Semester / Choice based credit system (Programme wise)-
UG- Annual
PG- Semester
5. Participation of the department in the courses offered by other departments
Yes - Computer Science, Mathematics, Management.
6. Courses in collaboration with other university, Industries, Foreign institutions, etc. –Nil
7. Details of courses / programmes discontinued (if any) with reasons- Nil
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Asst. Professors	04	04

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Quali.	Design.	Specialization	Exp.	Ph.D students guided last 4 years
Dr. M.G. Roymon	M.Sc, Ph.D	Head	Microbiology	30	6
Mrs. V. Shanti	M.Sc	Assistant Professor	Biochemistry	14	--

Dr. Ujjwala Supe	M.Sc, Ph.D	Assistant Professor	Plant Biotechnology	11	--
Dr. Debojit Guha	M.Sc, Ph.D CSIR NET, GATE	Assistant Professor	Molecular Biotechnology	3	--
Dr. Shubha Thakur	M.Sc, Ph.D UGC NET, CG SET	Assistant Professor	Molecular Biology	2	--

10. List of Senior visiting faculty- Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- Nil

12. Student – Teacher Ratio (Programme wise)

UG - 28:1

PG - 11:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled-

Staff	Sanctioned	Filled
Technical	02	02
Administrative	01	01

14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG

Ph.D — 4 faculty

M.Sc — 1 faculty

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- Nil

16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received- Nil

17. Research Center / facility recognized by the University-

Research Center for Microbiology recognized by Pt. Ravi Shankar Shukla University, Raipur

18. Publications:

- Publications of faculty : 7
- Number of papers published in peer reviewed Journals (national / international) by faculty and student : 7

- Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) : 7
 - Monographs: Nil
 - Chapter in Books - 02
 - Books Edited: Nil
 - Books with ISBN / ISSN numbers with details of publisher – 02
 - 1) 978-81-7622-330-0
 - 2) 978-3-659-64920-2
 - Citation index - 30
 - SNIP: Nil
 - SJR: Nil
 - Impact Factor - 2.6
 - H-index - 6
19. Areas of Consultancy and income generated- Nil
20. Faculty as members in National/ International Committees/ Editorial Boards
- Dr. Ujjwala Supe – National Committee (Indian Science Congress Life member LA 30325) and Editorial Boards (DBT project)
21. Student Projects
- a) Percentage of students who have done in-house projects including inter departmental / programme – Nil
 - b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies - 57%
22. Awards / Recognitions received by faculty and students
- Shubha Thakur received Young Scientist Award on 28 Feb. 2015, at IGKV, Raipur.
 - Bhumika Vaishnav received 1st prize in poster making competition on AIDS awareness day at St. Thomas College.
 - Rajlaxmi of B.Sc final Biotechnology received 2nd prize in Essay competition on National Science day celebration at St. Thomas College sponsored by CGCOST.
23. List of eminent academicians and scientists / visitors to the Department-
- Prof. M. Dr. M. Karuppayil, SRTM University, Nanded
 - Prof. R. Gothalwal, Department of Biotechnology, Barkatullah University, Bhopal
 - Dr. K.K. Sahu, SOS in Biotechnology, Pt. Ravi Shankar Shukla University Raipur

- Dr. K. Shende, Department of Bioinformatics, Barkatullah University, Bhopal.

24. Seminars / Conferences / Workshops organized & the source of funding – Nil

25. Student profile programme / Course wise (14-15)

Name of the Course / Programme	Application Received	Selected	Enrolled		Pass %
			*Male	*Female	
B.Sc I	85	71	15	56	77.4
B.Sc II	43	36	07	29	100
B.Sc III	30	26	06	20	100
M.Sc I Sem	20	09	01	08	100
M.Sc II Sem	15	09	01	08	100
M.Sc III Sem	20	12	03	09	100
M.Sc IV Sem	11	12	03	09	100

*M = Male *F = Female

26. Diversity of students (15-16)

Name of the Course	% of Students from The Same State	% of Students from Other State	% of Students from Abroad
B.Sc I	94.0%	6.0%	--
B.Sc II	96.2%	3.8%	--
B.Sc III	100%	--	--
M.Sc I sem	94.7%	5.3%	--
M.Sc II sem	94.7%	5.3%	--
M.Sc III sem	89%	11%	--
M.Sc IV sem	50%	50%	--

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
01 Sonali Putatunda (NET). There may be many but not documented.

28. Students progression

Student Progression	Against % enrolled
UG to PG	54%
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus Selection • Other than campus Recruitment 	Nil 5 student as Teacher
Entrepreneurship Self-employed	Nil

29. Details of Infrastructural facilities

- a. Library - 112 books
- b. Internet facilities for staff & students – Computer, Wi-Fi , Printer
- c. Class rooms with ICT facility---Nil
- d. Laboratories- 04 (Equipped)

30. Number of students receiving financial assistance from college, university, government or other agencies –

College: 4 students, Rs. 30,000

Govt.: 8 students, Rs. 56,770

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts –

Date	Days	Chief Guest/ Speaker	Topics
17/11/2015	Tuesday	Dr. M. Karuppaiyil, Prof., SRTM University, Nanded	Drug discovery through Accident
18/11/2015	Wednesday	Dr. M. Karuppaiyil, Prof. SRTM University, Nanded	Can Bacteria talk to Animals?

32. Teaching methods adopted to improve student learning ----STAP, Computer, LCD, Poster

33. Participation in Institutional Social Responsibility (ISR) and extension activities- Community Services, AIDS awareness Day, Blood Donation Camp

34. SWOC analysis of the department and future plans

STRENGTHS

- Sincere, dedicated and committed faculty and visionary management.
- Promotes research culture and publications.
- Conducts various extension and awareness programmes.

WEAKNESSES

- Disinterest in pursuing higher studies.
- Less opportunity in research activities for the under-graduate students.

OPPORTUNITIES

- Introduction of Employability Skill Development programme at the national level for enhancing the employment opportunities for students.
- To collaborate with national agencies for offering consultancy services.
- Linkages with national and international institutions.

CHALLENGES

- Fee structure
- Challenges on bringing below average students into extraordinary students.

FUTURE PLANS

- Publish Newsletter of Association
- Organize workshop on maintenance and operation of basic laboratory instrumentation in collaboration with Western Regional Instrumentation unit (WRIC, Mumbai) in month of August in the next session.

Department of Physics and Electronics

1. Year of establishment :

Physics UG: 1984
Electronics UG: 1998
Electronics PG: 2003

2. Names of Programmes / Courses offered :

UG - Physics and Electronics
PG – Electronics

3. Names of Interdisciplinary Courses and the departments/unit involved:

BCA

4. Annual / Semester / Choice based credit system (Programme wise)

UG : Annual
PG : Semester

5. Participation of the department in the courses offered by other

Departments : BCA (Department of Computer Science)

6. Courses in collaboration with other university, Industries, Foreign institutions, etc. : Nil

7. Details of courses / programmes discontinued (if any) with reasons : Nil

8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	Physics: 01	02
	Electronics: 01	01

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience (yrs)	No. of Ph.D students guided for the last 4 years
Mr. Mohan Patel	M. Sc., M. Tech. NET	Assistant Professor	Electronics	08	Nil
Dr. Biplab Goswami	M. Sc., Ph. D., NET	Assistant Professor	Physics	02	Nil
Ms. Tulika	MSc	Assistant Professor	Physics	01	Nil

10. List of Senior visiting faculty : Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 20%
12. Student – Teacher Ratio (Programme wise) :
- B.Sc.I (Physics)-62:1
 - B.Sc.II (Physics)-28:1
 - B.Sc.III (Physics)-8:1
 - B.Sc.I (Electronics)-11:1
 - B.Sc.II (Electronics)-6:1
 - B.Sc.III (Electronics)-4:1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled : 1
14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG
- PhD: 1
 - PG: 2
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received : Nil
17. Research Center / facility recognized by the University : Nil

18. Publications:

- Publication of faculty : 11
- Number of papers published in peer reviewed Journals (national / international) by faculty and students : 11
- Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.): 11
- Monographs Nil
- Chapter in Books Nil
- Books Edited Nil
- Books with ISBN / ISSN numbers with details of publishers Nil
- Citation index 51, 3
- SNIP Nil
- SJR Nil
- Impact Factor 0.41- 3.34
- H-index
 - Dr. Biplab Goswami: 05
 - Mohan Patel: 01

18. Areas of Consultancy and income generated : Nil

19. Faculty as members in
a) National committees b) International Committees c) Editorial Boards
Nil

20. Student projects
a. Percentage of students who have done in-house projects including inter departmental / programme: Nil
b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies: Nil

21. Awards / Recognitions received by faculty and students :
a. University Merit Holders
BSc Final: A. Shobhawati: 7th Rank, 2014-15
Priyanjali: 8th Rank, 2014-15
b. JAM Qualified Student: Mr. Manmohan Singh Thakur, 2014-15

22. List of eminent academicians and scientists / visitors to the department
Nil

23. Seminars / Conferences / Workshops organized and the source of funding
1. National 2. International : Nil

25. Student profile programme / Course wise:

Name of the course / programme	Application Received	Selected	Enrolled		Pass %
			*Male	*Female	
Physics+Mathematics+Chemistry (PMC) (I+II+III)	60+5+3=68	45+5+3=53	21+2+1=24	24+3+2=29	67.92
Physics+Mathematics+Electronics (PME) (I+II+III)	25+12+4=41	22+12+4=38	9+8+2=19	13+04+02=19	78.76
Physics+Mathematics+Computer Science (PMCS) (I+II+III)	65+39+17=121	57+39+17=113	19+10+2=31	38+29+17=84	65.78
Physics+Mathematics+Information Technology (PMIT) (I+II+III)	00+01+05=06	00+01+05=06	00+1+1=2	00+00+04=04	100

*M = Male *F = Female

26. Diversity of students

Course	% from the same state	% from other state	% from abroad
BSc I PMC	82.2	17.8	-
BSc II PMC	78.1	21.9	-
BSc III PMC	100	-	-
BSc I PME	89.5	10.5	-
BSc II PME	92.3	7.7	-
BSc III PME	100	--	-
BSc I PMCS	90	10	-
BSc II PMCS	90.7	9.3	-
BSc III PMCS	95	5	-
BSc I PMIT	100	-	-
BSc II PMIT	100	-	-
BSc III	100	-	-

PMIT			
------	--	--	--

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.

-

JAM: 01

28. Students progression

Student progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed	
• Campus Selection	Nil
• Other than campus recruitment	
Entrepreneurship / Self-employed	Nil

29. Details of Infrastructural facilities

a. Library

Departmental library with around 50 books (including the teacher's books) is available. Students and teachers can issue the books.

b. Internet facilities for staff & students

In the department internet facility is available for the departmental staff members. Students can avail internet facility in the Central Library.

c. Class rooms with ICT facility

Institute is having one Conference hall and one Seminar hall which can be used by the department with prior permission.

d. Laboratories

Separate laboratory space with instruments is available for both Physics and electronics lab.

30. Number of students receiving financial assistance from college, university, government or other agencies : Nil

31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts : Nil

32. Teaching methods adopted to improve student learning:

Conventional method of teaching is adopted along with seminar given by the students and STAP.

33. Participation in Institutional Social Responsibility (ISR) and extension activities: Nil

34. SWOC analysis of the department and future plans

Strength:

The basic strength of the department is discipline. The core strength is a team of fully trained and educated faculty members whom promotes positive education. The college has procedure of balancing assessments and feedbacks, where the student can understand their position.

Weakness:

The main weakness is a requirement of research and development area where the teacher the student as engage in collaborative learning process.

Opportunity:

Students from the department can participate, score well and win in different competitive examinations.

Challenges:

100% result in University exams and National level exams

Future Plans:

- Starting up MSc Physics in coming years
- Designing State and national level Projects in UG level
- Organizing Seminars

DEPARTMENT OF PSYCHOLOGY

1. Year of Establishment : 1987
2. Names of Programmes / Courses offered :UG
3. Names of Interdisciplinary Courses and the departments / unit involved:
NA
4. Annual / Semester / Choice based credit system (Programme wise):
Annual
5. Participation of the department in the courses offered by other departments: Journalism and Mass Communication
6. Courses in collaboration with other university, Industries, Foreign institutions, etc.: BA in Journalism and Mass Communication, Kushabhau Thakre Patrakarita Awam Jansnchar Vishwa Vidyalaya, Raipur. CG
7. Details of courses / programmes discontinued (if any) with reasons: NA
8. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	1
Asst. Professors	1	-

9. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualifi- -cation	Designa- -tion	Specialisa- -tion	Experi- -ence	No. of Ph.D students guided for the last 4 years
Dr. Debjani Mukherjee	MA PhD	Asso. Prof	Organizational Behaviour, Counselling	25	Nil

10. List of Senior visiting faculty :Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
12. Student – Teacher Ratio (Programme wise):
 - BA I- 18:1
 - BA II- 11: 1
 - BA III- 8: 1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 1
14. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ Ph.D.: 1
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil
16. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received: Nil
17. Research Center / facility recognized by the University: Nil
18. Publications:
 - Publication of faculty: 5
 - Number of papers published in peer reviewed Journals (national / international) by faculty and students: 5
 - Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.): Nil
 - Monographs: Nil
 - Chapter in Books: 1
 - Books Edited: Nil
 - Books with ISBN / ISSN numbers with details of publishers: Nil
 - Citation index : 4
 - SNIP
 - SJR
 - Impact Factor: Nil
 - H-index: 1
19. Areas of Consultancy and income generated: Nil

20. Faculty as members in:

- a) National committees : 3
Indian Science Congress Association,
Indian Academy of Applied Psychology,
National Academy of Psychology
- b) International Committees : 1
International Positive Psychology Association
- c) Editorial Board
- d) Others: Reviewer of abstracts for 2015 conference of IPPA at
Florida, USA.

21. Student projects:

- a. Percentage of students who have done in-house projects including inter departmental programme: Project work assigned in BA III year and field work for BA II year as part of curriculum for practicals.
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies: Nil

22. Awards / Recognitions received by faculty and students: Nil

23. List of eminent academicians and scientists / visitors to the department:
Nil

24. Seminars / Conferences / Workshops organized & the source of funding:

1. National : Nil
2. International : Nil

25. Student profile programme / Course wise: 2014-15

Name of the course / programme	Applicati on Received	Selected	Enrolled		Pass Percentage
			*Male	*Female	
BA I	30	25	14	11	92%
BA II	15	15	5	10	100%
BA III	21	21	6	15	100%

*M = Male *F = Female

26. Diversity of students

Name of the Course 2015-16	% of students from the same state	% of students from other state	% of students from abroad
BA I	90.5	9.5	---
BA II	71.4	28.6	---
BA III	87.5	12.5	---

27. How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
NA

28. Students progression: NA

Student progression	Against % Enrolled
UG to PG	-
PG to M.Phil	-
PG to Ph.D	-
Ph.D to Post-Doctoral	-
Employed	-
<ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	
Entrepreneurship / Self-employed	-

29. Details of Infrastructural facilities

- a. Library: The department library has personal books of the faculty
- b. Internet facilities for staff & students: Yes, there is a system for the staff in the department. For students, there are 10 systems in the library besides being a Wi-Fi enabled campus
- c. Class rooms with ICT facility: Nil. ICT enabled seminar and conference hall available.

d. Laboratories: Psychology Laboratory has psychometric tools and instruments as per requirement of the Undergraduate (BA) syllabus.

30. Number of students receiving financial assistance from college, university, government or other agencies:
BA II – 01, BA III – 02 Total =03
31. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts: Nil
32. Teaching methods adopted to improve student learning: Traditional lecture methods are used and students take seminars and give presentations on completion of a topic.
33. Participation in Institutional Social Responsibility (ISR) and extension activities: Students go for regular “Shramdaan’ to schools for special children and “Akshay Patra”- an institution run by the ISKCON which provide mid-day meal to students in local government schools.
34. SWOC analysis of the department and future plans:

STRENGTH

- Individual attention is given to all students as the student teacher ratio is very good.
- Both English and Hindi are used as a medium of instruction.
- A good infrastructure and well equipped laboratory

WEAKNESS

Being a department with just undergraduate program, alumni is not that strong.

OPPORTUNITY

Passing out students demand for PG course can be initiated.

CHALLENGES

Increase number of student enrolment.

FUTURE PLANS: Establish P.G. course.

DEPARTMENT OF ZOOLOGY

- 1 Year of establishment - 1984
- 2 Names of Programmes / Courses offered - UG
Names of Interdisciplinary Courses and the departments / unit involved – Environmental Science and Human rights-Complete paper for all first year UG students.
- 3 Annual / Semester / Choice based credit system (Programme wise) – Annual
- 4 Participation of the department in the courses offered by other departments – Nil
- 5 Courses in collaboration with other university, Industries, Foreign institutions, etc. - Nil
- 6 Details of courses / programmes discontinued (if any) with reasons –Nil
- 7 Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	02	02

- 8 Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)

Name	Qualification.	Design.	Spec.	Exp.	No. of Ph.D students guided for the last 4 years
Dr. Jayasree Balasubramanian	MSc., MPhil.P h.D	Asst. Prof.	Entomology	12	-
Dr. Joyamma John	MSc., MPhil.P h.D	Asst. Prof.	Animal Physiology	13	-

- 9 List of Senior visiting faculty - Nil

- 10 Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty – Nil
- 11 Student – Teacher Ratio (Programme wise) –
 B.Sc.I - 30:1
 B.Sc.II -22:1
 B.Sc.III -12:1
- 12 Number of academic support staff (technical) and administrative staff; sanctioned and filled- Technical Staff -1 , Administrative Staff -1
- 13 Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG – Ph.D. – 2
- 14 Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : One project from National funding agency (UGC); Grant received: 3.5 lakhs
- 15 Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grant received: Total 2

S. No	Funding Agency	Status	Amount
1	UGC	Completed(2011-2013)	1.6 Lacs
2	UGC	Ongoing (2014-16)	3.5 Lacs

- 16 Research Center / facility recognized by the University - Nil
- 17 Publications:

- Publication faculty : 4
- Number of papers published in peer reviewed Journals (national / international) by faculty and students – 2 in National and 2 in International journals
- Number of publications listed in international Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.): 01
- Monographs - Nil
- Chapter in Books- Nil:
- Books Edited- Nil

- Books with ISBN / ISSN numbers with details of publishers- Nil
 - Citation index- 03
 - SNIP Nil
 - SJR Nil
 - Impact Factor- Range 0.55 to 2.2
 - H-index- 01
- 18 Areas of Consultancy and income generated –Nil
- 19 Faculty as members in - National committees b) International Committees
c) Editorial Boards.... Nil
- 20 Student projects-
- a. Percentage of students who have done in-house projects including inter departmental / programme – In-house - 100% of the students submit written projects
 - b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / Other agencies
- 21 Awards / Recognitions received by faculty and students-Nil
- 22 List of eminent academicians and scientists / visitors to the department-
Prof (Dr.) Ram Bhooj,
Program specialist, Ecological and Earth Sciences,
UNESCO, New Delhi.
- 23 Seminars / Conferences / Workshops organized & the source of funding
National – 1(2012)-UGC funded
International-Nil
- 24 Student profile programme / Course wise:2014-15

Name of the course / programme (refer question No-4)	Appli- cation Received	Selected	Enrolled		Pass Percentage
			*Male	*Female	
B.Sc. I	75	63	17	46	77%
B.Sc.II	24	24	08	16	100%
B.Sc.III	14	14	03	11	100%

*M = Male *F = Female

25 Diversity of students; 2015-16

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
B.Sc.I	82.6	17.4	-
B.Sc.II	87.9	12.1	-
B.Sc.III	88.5	11.5	-

26 How many students have cleared national and state competitive examinations such as NET, GATE, Civil Services, Defense Services, etc.?
(Document not available)

2011- 01(NET)

2016 -01 (GATE)

27 Students progression-2014-15

Student progression	Against % Enrolled
UG to PG	NA
PG to M.Phil	-
PG to Ph.D	-
Ph.D to Post-Doctoral	-
Employed	
<ul style="list-style-type: none"> • Campus Selection • Other than campus recruitment 	01
Entrepreneurship / Self-employed	-

28 Details of Infrastructural facilities

- a. Library** – Besides Central Library there is a Departmental library with about 110 books

- b. Internet facilities for staff & students-** There is one system in the department for staff and students besides Wi-Fi.
- c. Class rooms with ICT facility-** Nil though ICT enabled seminar and conference hall are easily accessible.
- d. Laboratories** –One well equipped laboratory.

- 29 Number of students receiving financial assistance from college, university, government or other agencies:
- a. College: 1 student, Rs. 4000
 - b. Government: 2 students
- 30 Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts- Nil
- 31 Teaching methods adopted to improve student learning- Models and charts, class room seminars, Power point presentation
- 32 Participation in Institutional Social Responsibility (ISR) and extension activities- Nil
- 33 SWOC analysis of the department and future plans

STRENGTH

- Experienced and dedicated staff
- Well equipped laboratory
- Special teaching assistance to help weaker students and to promote and encourage good students.
- There is a strong bond and a high level of interaction between faculty and students

WEAKNESS

- Lack of PG program
- Unable to provide guidance and assistance regarding employment

OPPORTUNITIES

New programs-Short term courses like apiculture / sericulture

CHALLENGES

Financial constrain to start any new programme

FUTURE PLANS

To start PG program in the department



0788 - 2275970 P&T (O)

ST. THOMAS COLLEGE

RUABANDHA, BHILAI - 490 006, DURG (DIST.), CHHATTISGARH
(A Post Graduate College, Affiliated to Pt. Ravishankar Shukla University, Raipur.)

NAAC ACCREDITED WITH B GRADE

DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this Self Study Report (SSR) is true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions and no part therefore has been outsourced.

I am aware that the peer team will validate the information provided in the SSR during the Peer Team visit.


Dr. M.G. Roymon
PRINCIPAL



Place: Bilai
Dated: 16.09.2016

FOUNDED AND MANAGED BY ST. THOMAS MISSION, BHILAI
SOCIETY REGISTERED UNDER C.G. GOVERNMENT SOCIETIES ACT REG. NO. 8400 DATED : 24 - 10 - 79



ST. THOMAS COLLEGE

RUABANDHA, BHILAI - 490 006, DURG (DIST.), CHHATTISGARH
(A Post Graduate College, Affiliated to Pt. Ravishankar Shukla University, Raipur.)

NAAC ACCREDITED WITH B GRADE

CERTIFICATE OF COMPLIANCE

This is to certify that St. Thomas College, Bhilai fulfils all norms

1. Stipulated by Pt. Ravishankar Shukla University Raipur, CG.
2. Regulatory Council/Body- University Grants Commission
3. The Affiliation and Recognition is valid on date.

It is noted that NAAC's accreditation if granted shall stand cancelled automatically once that the institution loses its University affiliation or Recognition by regulatory Council as the case maybe.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is agreeable that the undertaking given to NAAC will be displayed on the college website.

Place: Bhilai
Date: 16th September, 2016




Dr. M.G. Roymon
Principal

Post Accreditation Initiatives

Post Accreditation Initiatives taken by the college are as follows:

- The Central Library is fully automated.
- Nodal Officer for Scholarships was appointed to look into position granted to all those (SC, ST, OBC) who have applied for the same.
- Introduction of BA in Journalism and Mass Communication (Kushabhau Thakre Patrakarita Avam Jansanchar Vishwavidyalaya, Raipur, CG) in 2012-13.
- Introduced certificate programme: The College conducts a Foundation and Domain Certificate course of National University Student Skill Development (NUSSD), a nationwide skill development initiative designed and undertaken by the Tata Institute of Social Sciences (TISS) in collaboration with Ministry of Youth Affairs and Sports.
- Besides weak learners Special Teaching Assistance Program was conducted for advanced learners and students having supplementary and ATKT exams.
- Introduces Mar Theodosius Memorial Cup Intercollegiate Basketball Tournament with cash prizes for the winner and runner.
- The IQAC of the college conducts activities to inculcate awareness among students regarding social responsibility. Need based community services were conducted for students of Govt. Higher Secondary School Ruabandha and other schools in the region by Postgraduate students.
- Result Analysis to be done paper-wise for each subject. Result analysis format was improved to facilitate better assessment.
- The introduction of Yoga Classes to improve the mental and physical health of both staff and students and staff.
- Initiated the process for MA in Psychology but due to some technical problems approval was not granted by the university.
- College Website upgraded and updated with the current activities.
- Motivated the student to make use of the library facility to the optimum by giving them assignments for which they need to refer books available in the library.
- Conducting Environment Audit from 2014-15 and reports discussed with the management.
- SWOT Analysis of all the department and College was to be done from 2014-15.
- Herbal Garden was established in 2015-16 with the view to familiarize with the morphology and benefits of herbs in medicine and culinary.

- One day Workshop on Use of Electronic Resources was organised by Library Services was conducted with the assistance of external experts.
- The Non-teaching staffs are encouraged for computer literacy and other training programs. 6 day Workshop on "**Computer Basics and MS-Office**" for skill promotion of all the non-teaching staff of the college was conducted by Department of Computer Science.
- Two day Professional Training Workshop for Office Assistants and Clerical staff was organised by IQAC on "**Office Productivity**" in collaboration with HR of Bhilai Steel Plant (SAIL undertaking Unit). The workshop also focused on office procedures, professionalism, communication skills, ethics, team building and office bonding with the purpose to achieve goals.
- Department of Microbiology & Biotechnology organised a seven day workshop on "Maintenance and Repair of Laboratory Instruments" in collaboration with Western Regional Instrumentation Centre (WRIC), Mumbai- A National Facility of UGC.
- All the notices for the staff should be e-notices mailed in the respective id.
- Provision of a separate office for IQAC for its smooth functioning
- CCTV cameras installed at strategic points in the college.
- Wheel chair friendly ramps built in the ground floor for physically disabled students
- As a part of green initiative composting to recycle of biomass waste was started.
- Established an English Language Lab in the college.
- Conducted External Audit of the departments and office from 2014-15.

Office

- Installed exclusive software for fee collection. Computerised receipts issued on pre-printed format.
- Daily fee collection statement printed and filed countersigned by Principal. Daily fee collection deposited with bank in full on the same day.
- Fee collection counter modified with improved furniture's, racks and cash counting machine with fake note detector.
- Two exclusive counters for fee collection and one for enquiry and issuing T.C, C.C and other certificates to students.
- A new bank account opened with SBI for introducing online fee collection and fee collections through challans.
- Accounting system fully computerised. Daily cash book printouts taken and filed, countersigned by Principal.

- All payments above Rs. 5000/- strictly made through cheques and all expenses made strictly as per budget provisions.
- Periodic audit conducted by the internal and external auditors.
- New salary software introduced automatically despatching monthly salary slips with complete details to all staffs through emails to save waste of paper.
- All statutory payments (P.F / TDS) made through online banking.
- One additional staff appointed for the smooth functioning of the office. Separate cabins for all office staff with almirah and racks for the safe custody of records.
- Entry to office for students, parents, outsiders and college staff strictly prohibited to maintain the sanctity of the office.
- One multi task printer with scanner and copier installed in office.

With these initiatives the institute looks forward to the peer team visit whose expert suggestions will help us achieve newer heights.

Compliance of Recommendation of Peer Team

Compliance of Recommendations given during NAAC- 2nd Cycle for Quality Enhancement of the Institution

1. Interdepartmental and collaborative research needs to be prioritized

In order to prioritize collaborative research the following initiatives were taken

1. Sanctioned leave for three months as to work as a Guest Scientist at Helmholtz Institute, Jena, Germany and was granted fellowship for the same.

2. The Committee for the Promotion of Research Activities (COPRA) has initiated interdepartmental research by arranging the following:

SN.	Year	Events
1.	2011-12	Two days workshop on “Research Methodology” by the IQAC for all the staff member of the college
2.	2012-13	Five Days workshop on “Research Methodology and statistical analysis” by Department of Psychology Sponsored by CCOST.
3.	2014-15	IQAC Interdisciplinary talk by Dr. James Mathew Department of Chemistry – Scientometrics: Quantitative Feature of Scientific Research.
4.	2015-16	Research Publications and Citation Analysis was the title of the talk delivered by Dr. Reny George, Principal, St. Thomas College, Bhilai Mr. Mahendra Ikkar, Dept. of Management delivered a talk on Research Approach and Research Design

3. Collaborations for Research

The college has made concerted efforts in this direction. The Departments that have developed collaboration with institutions for research purposes are as follows:

Departments	Collaborations for Research Activities
Chemistry	<ul style="list-style-type: none"> • Environmental Modelling Works in collaboration with School of Studies, Chemistry of Pandit Ravishankar Shukla University, Raipur. • Dr. Chanda Verma is co-investigator of 2 project in collaboration with Bhilai Institute of Technology, Durg <ol style="list-style-type: none"> 1. CCOST in 2013-14. 2. NRFCC, BRNS, Department of Atomic Energy,

	<p>GOI, 2016</p> <ul style="list-style-type: none"> MSc pass out students are preferred as project fellows in BIT.
Microbiology	Established collaboration with NiTza Biologicals Hyderabad. This collaboration has resulted in hands on training on new and advanced technology in Molecular Biology and Genetics
Physics	Collaborates with the department of Applied Physics of ISM, Dhanbad and SoS in Electronics and Photonics of Pandit Ravishankar Shukla University, Raipur regarding sharing of facilities and equipment.
Mathematics	Dr. Reny George: A major research project is undergoing at Salman bin Abdul Aziz University (Kingdom of Saudi Arabia).
Psychology	Dr. Debjani Mukherjee: 1. Research work at University of Roma, Italy which deals with the topic of finding positivity in today's youth on global basis is completed 2. Co-Investigator of a Research Project sanctioned by Project UNICEF in collaboration with JLN Medical College, Raipur.
Commerce	Registered as a research guide at Pt. Ravishankar Shukla University, Raipur. MATS University, Dr. CV Raman University, Kota and is collaborated with VYT PG autonomous College, Durg for Research Centre facility
Education	Registered as a Research Guide at MATS University, Raipur and Pt. Ravishankar Shukla University, Raipur and is collaborated with Kalyan PG Autonomous College Bhilai for Research Centre
Botany	Initiatives are taken to develop collaboration with The Covenant Centre for Development, Durg.

2. ICT enabled teaching learning process to be intensified

The College facilitates use of ICT resources by providing access to internet to all staff and students for downloading information. The Computer Department helps the staff to use computer aided teaching learning materials and also provides training for the students to prepare their assignments, seminars and course work using the available resources. The college also

encourages the staff to use these resources for classroom demonstrations. ICT enabled teaching is organized in the seminar and conference hall.

Important information, subject material, performa etc. are passed to the staff through e-notices via email. Audio- video lessons/ You-tube videos and screening of short films are some of other learning materials made available for students. Computer Lab systems are enabled for staff and students in 'multi-lingual editing' software to learn and practice in regional languages.

3. More faculty members to be encouraged to apply for Major minor research project funded by UGC and other agencies.

The Committee for the Promotion of Research Activities (COPRA) has taken initiatives in this direction and the details of ongoing and completed projects and grants received in last four years:

Nature of the Project	Duration From - To	Title of the Project	Name of the Funding agency	Total Grant Sanctioned
Major Project	2011-2014	Biodiversity of important Bacterial Pathogens occurring in the river Shivrath of Durg district	UGC	Rs8,40,300/
Minor Project	2011-2013	To study the effectiveness of Anger Management on Aggressive Behaviour and Academic Anxiety of Middle School Students of CG state.	UGC	Rs.1,50,000/
Minor Project	2011-2013	Effect of Liver and Renal toxicity induced by Arsenic compounds and the role of Zeolite in Teleost Cat fish, Heteropneustes fossils.	UGC	Rs.1,60,000/
Minor Project	2011-2015	Effect of Occupational Stress on Teacher Effectiveness of the Secondary School Teachers	UGC	Rs.1,50,000/
Minor Project	2012-2013	Microbial production of fructosyl transferase for the synthesis of prebiotic food	UGC	Rs. 95,000/

Minor Project	2012-2013	“Occupation and Employment Pattern of Women in the unorganized sector in Durg District of Chhattisgarh State with Special Reference to the Backward Class,”	UGC	Rs.1,00000/-
Minor Project	2012-2013	“Industrial Environmental Impact On Child Labour In Chhattisgarh: With Special Reference To Durg District”	UGC	Rs.1,00000/-
Minor Project	2012-2014	Photochemical Analysis of Fresh Water Algae as Bioresource	UGC	Rs.1,60,000/
Minor Project	2012-2014	Isolation and Characterisation of thermoalkolophilic Bacterial Xylanase from Bhilai-Durg region	UGC	Rs.1,95,000/
Minor Project	2013-2014	A study of Effectiveness of Training and Development on SAIL Employees	UGC	Rs.1,10,000/
Minor Project	2013-2014	Chatravasi aivam gair chatravasi ki samvegatmak budhi ka tulnatmak addyayan	UGC	Rs.85,000/
Minor Project	2013	A study to access the performance and quality of financial decision making in BSP through the application of accounting information especially through cash flow and earnings .	UGC	Rs.1,00000/-
Minor	2014-2015	Analysis of awareness	UGC	Rs.1,45,000/

Project		of Consumer Protection Act 1986 with special reference to Durg Bhilai region of CG		
Minor Project	2014-2015	5 year plan- A boon to CG economy.	UGC	RS.1,50,000/
Minor Project	2014-2015	Coaching classes as business model in the field of higher education with special reference to Bhilai and Durg cities of CG state.	UGC	Rs,80,000/
Minor Project	2014-2016	To study the hypoglycemic effect of photo chemicals obtained from locally available plants on albino rats.	UGC	Rs.3,50,000/
Minor Project	2014-2016	A comparative study of Self-Perception on Teaching Effectiveness of Government and Non-Government School teachers	UGC	Rs.2,10,000/
Minor Project	2014-2016	Vibhian Vidhyalaya Ke Kaksha Nauke Vidhyarthiyoun ki Tark Yoghyata ka Tulnatmak Adhyayan	UGC	Rs.1,45,000/

3. Efforts required for sanctioning scholarships to all SC/ST students

The college has a Scholarship Bureau with a Nodal Officer and intensified the efforts for sanctioning scholarships for all those students who applied and were eligible.

Year	Number	Amount
12-13	51	276244.00
13-14	102	611243.00
14-15	107	568962.00
15-16	84	395902.00

4. All permanent vacant posts may be filled.

The college has taken efforts in filling permanent posts and the details are as follows

1. 8 Permanent posts were filled under Section 28 in 10.02. 2011 in the Department Management Studies and Education.
2. 3 permanent posts were filled under Section 28 in 05.10. 2012 in the Department of English, Biotechnology and Commerce.
3. 6 permanent posts were filled under Section 28 in 21.11.2014 in the Department of Commerce, Microbiology, Biotechnology, Physics and Electronics.
4. Initiatives are taken fill vacant posts in the session 2016-17

5. Administrative and accounting procedures require systematization

The Management have directed the Administrator, Principal, Finance controller and the office staff to take all necessary steps to systematize the administrative and accounting procedures. The following steps are undertaken to upgrade the working of the office

- Installed exclusive fee software for fee collection. Computerised receipts issued on pre-printed format.
- Daily fee collection statement printed and filed countersigned by Principal. Daily fee collection deposited with bank in full on the same day.
- Two exclusive counters for fee collection and one for enquiry and issuing T.C, C.C and other certificates to students.
- A new bank account opened with SBI for introducing online fee collection and fee collections through challans.
- Accounting system fully computerised. Daily cash book printouts taken and filed countersigned by Principal.
- All payments above Rs. 5000/- strictly made through cheques and all expenses made strictly as per budget provisions.
- Periodic audit conducted by the internal and external auditors.
- New salary software introduced automatically despatching monthly salary slips with complete details to all staffs through emails to save waste of paper.
- All statutory payments (P.F/TDS) made through online banking.
- One additional staff appointed for the smooth functioning of the office.
- One multi task printer with scanner and copier installed in office.

6. Non-teaching staff to be trained in computers and other procedures

The Non- teaching as well as the office staff were trained in different procedures to enhance their performance. Details are as follows:

1. The Non-teaching staffs are encouraged for computer literacy and other training programs. 6 day Workshop on "**Computer Basics and MS-**

Office" for skill promotion of all the non-teaching staff of the college was conducted by Department of Computer Science.

2. Two day Professional Training Workshop for Office Assistants and Clerical staff was organised by IQAC on **"Office Productivity"** in collaboration with HR of Bhilai Steel Plant (SAIL undertaking Unit). The workshop also focused on office procedures, professionalism, communication skills, ethics, team building and office bonding with the purpose to achieve goals.
3. Department of Microbiology and Biotechnology organised a seven day workshop on "Maintenance and Repair of Laboratory Instruments " in collaboration with Western Regional Instrumentation Centre (WRIC) , Mumbai- A National Facility of UGC.

7. Language lab to be established for effective communication skills.

A language lab has been established for effective communication skills in English.

8. Staff welfare measures to be introduced

Welfare measures are existing in the college since inception for both teaching and non-teaching staff and they are as follows:

- Provident Fund
- Gratuity
- Maternity leave and post-delivery assistance
- Fee concession for wards
- Housing facility
- Interest free loans and advance payment schemes especially for non-teaching staff.
- Long leave for genuine reasons for staff.

9. Institute industry interaction may be intensified inclusive studies on environmental pollution.

The institution has intensified interactions with various industries and is on the verge of signing a MoU with Bhilai Steel Plant on environmental issues.

10. Special efforts may be made for the improvement of demand ratio.

Special efforts made for the improvement of demand ratio are

- Advertisements in National and local news papers
- Exemplary results in university exams
- Incentives to sports personals
- Special attentions are given to students who represent the college in sports, cultural, literary activities, NCC and NSS during their events and camps.

- Special Teaching assistance program for weak as well as advanced learners and students appearing for supplementary and ATKT exams.

कार्यालय आयुक्त,
आदिम जाति तथा अनुसूचित जाति विकास
छत्तीसगढ़, रायपुर

क्रमांक/अ0सं0/151/2013-14/186/ 6544

रायपुर, दिनांक 24/8/15

//आदेश//

छत्तीसगढ़ शासन, आदिम जाति तथा अनुसूचित जाति विकास विभाग के पत्र क्रमांक/9096/2007/25-2/आजावि, रायपुर दिनांक 11.10.2007 में प्रदत्त अधिकार एवं संबंधित जिला कलेक्टर जिला दुर्ग के सत्यापन एवं जांच प्रतिवेदन के आधार पर नीचे लिखे शैक्षणिक संस्था को धार्मिक अल्पसंख्यक शैक्षणिक संस्था की "स्थाई मान्यता" निम्नलिखित शर्तों के अधीन प्रदान की जाती है :-

क्र०	जिला	अशासकीय संस्था का नाम	पंजीयन क्र० दिनांक	शैक्षणिक संस्था का नाम	प्रारम्भ वर्ष	विशेष
1	2	3	4	5	6	7
1	दुर्ग	सेंट थामस मलन्कारा ओर्थोडोक्स सीरियन चर्च मिशन भिलाई जिला-दुर्ग	8400 24.10.1979	सेंट थामस कालेज रुवाबांधा भिलाई जिला-दुर्ग	1984	-

शर्तें :-

- गैर अनुदान प्राप्त तथा अनुदान प्राप्त अल्पसंख्यक शैक्षणिक संस्था में प्रवेश केवल अल्पसंख्यक समुदाय तक ही सिमित नहीं होगा, लेकिन अल्पसंख्यक के आवेदको को प्रवेश में प्राथमिकता दी जा सकेगी, परन्तु इस संबंध में संवैधानिक प्रावधानों के अनुरूप केन्द्र एवं राज्य शासन द्वारा निर्धारित नियम बाध्यकारी होंगे।
- शैक्षणिक संस्थाओं द्वारा पूर्णतः धार्मिक निर्देश/शिक्षा प्रदाय नहीं किया जावेगा।
- संस्था द्वारा यह भी अनिवार्य रूप से पालन किया जावेगा कि अल्पसंख्यकों द्वारा चलाई जा रही संस्था होने का (Privilege) दुरुपयोग/अनुचित लाभ किसी व्यक्ति या संस्था के लिये नहीं करेंगी।
- संस्था किसी विद्यार्थी को बिना उनके अभिभावकों की पूर्व लिखित सहमति के किसी विशेष धार्मिक प्रवचन/पूजा के लिये बाध्य नहीं करेंगी।
- संस्था में भर्ती के लिए चयन प्रक्रिया हेतु विश्वविद्यालय/मण्डल तथा राज्य शासन के नियम/निर्देश लागू होंगे, निर्धारित शैक्षणिक अहर्ता में शिथिलता नहीं दी जावेगी। योग्य शिक्षक एवं अन्य अमले हेतु भर्ती करने की स्वतंत्रता रहेगी, परन्तु सलाह दी जाती है कि शिक्षकों तथा अन्य अमलों का चयन खुली (Open) विज्ञप्ति से एवं पारदर्शी प्रक्रिया से किया जाये।
- शैक्षणिक संस्था के प्रशासन एवं प्रबंधन के लिये नियम रहेंगे जिसमें संस्था संबंधित संचालनालय/मंडल/विश्वविद्यालय से संबंधीकरण आदि का स्पष्ट उल्लेख होगा, शिक्षकों की सेवा शर्तों तथा योग्यता निर्धारित करते समय संस्था का द्वारा सामाजिक एवं साम्प्रदायिक सद्भावना बनाये रखा जायेगा।
- संस्था के शिक्षकीय एवं गैर शिक्षकीय अमले के लिये अनुशासन, नियम बनाते समय प्राकृतिक न्याय का ध्यान रखा जाये, संस्था के उत्कृष्ट प्रशासन का ध्यान रखा जाये, शैक्षणिक संस्थाओं के लिये जो अन्य सामान्य नियम हैं वह भी लागू होंगे।

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8. संस्था के प्रबंधकारणी में अधिकांश अल्पसंख्यक समुदाय के सदस्य रहेंगे, यह सुनिश्चित किया जावे। साथ ही संवैधानिक प्रावधानों के अनुरूप केन्द्र एवं राज्य शासन द्वारा निर्धारित नियम भी लागू होंगे।
9. किसी अल्पसंख्यक शैक्षणिक संस्थाओं को विश्वविद्यालय/मण्डल से सम्बद्धीकरण के लिये प्रवेश में वरीयता का आधार, शिक्षा की उत्कृष्टता, प्रवेश की सुव्यवस्थित एवं पारदर्शी प्रणाली, आवश्यक भौतिक संरचना, पाठ्यक्रम तथा शैक्षणिक गुणवत्ता आदि की पूर्ति का ध्यान रखा जाना होगा।
10. गैर अनुदान प्राप्त अल्पसंख्यक शैक्षणिक संस्थाओं को इस विषय में राज्य शासन द्वारा जारी नीति तथा निर्देशों के अंतर्गत रहते हुये शिक्षण शुल्क लेने की स्वतंत्रता होगी परन्तु अनुचित लाभ अर्जन नहीं किया जा सकेगा, 'केपीटेशन फीस' लिये जाने की अनुमति नहीं होगी, इस संबंध में विभिन्न याचिकाओं में माननीय उच्चतम न्यायालय एवं माननीय उच्च न्यायालय द्वारा पारित निर्णय/निर्देश लागू होंगे।

यदि संस्था द्वारा उपरोक्त नियमो/निर्देशो का उल्लंघन करते पाया जाता है तो मान्यता निरस्त किया जा सकेगा।

(एम. एस. पुराने)
आयुक्त

आदिम जाति तथा अनुसूचित जाति विकास
छत्तीसगढ़, रायपुर

पृ0क्रमांक/अल्पसंख्यक/151/2012-13/ 6545

रायपुर, दिनांक 24/8/13

प्रतिलिपि :-

1. सचिव, छ0ग0 शासन, आदिम जाति तथा अनुसूचित जाति विकास विभाग, मंत्रालय रायपुर।
2. सचिव, छ.ग. उ.मा.शिक्षण मंडल रायपुर (छ.ग.)।
3. कलेक्टर, जिला-दुर्ग (छ.ग.)।
4. सहायक आयुक्त, आदिवासी विकास, जिला-दुर्ग (छ.ग.) को सूचनार्थ तथा आवश्यक कार्यवाही हेतु प्रेषित।
5. सचिव, छ0ग0 राज्य, अल्पसंख्यक आयोग रायपुर।
6. सेंट थामस मलन्कारा ओर्थोडोक्स सीरियन चर्च मिशन भिलाई जिला-दुर्ग (छ.ग.)की ओर सूचनार्थ।

आयुक्त

आदिम जाति तथा अनुसूचित जाति विकास
छत्तीसगढ़, रायपुर

28/9/89

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-2

No. F. 8-115/89(CPP-1)

12 September, 1989.

To,

The Director,
Ravishankar University,
Raipur (M.P.)-492010.

Sub: List of Colleges prepared under Section 2(f) of the
UGC Act, 1956 - Inclusion of New Colleges.

Sir,

I am directed to refer to your letter No. 643/CGC/F65/
2(f)/89, dated 28.6.1989 on the above subject and to say that
the name of the following college has been included in the
above list under Non-Govt. Colleges teaching upto Bachelor's
Degree :-

Name of the College	Year of Estt.	Remarks
St. Thomas College, Bhilai (on temporary affiliation) (Fr. John V. John)	1984-85	The college is not fit to receive central assistance under Section 12(B) of the UGC Act, 1956 till it is granted perma- nent affiliation by the University concerned.

The indemnity bond and other documents in respect of
the above college have been accepted by the Commission.

Yours faithfully,

Sd/-

(Kishan Chand)
UNDER SECRETARY

OFFICE OF THE DIRECTOR, COLLEGE DEVELOPMENT COUNCIL,
RAVISHANKAR UNIVERSITY, RAIPUR

Encl. No. 189 /CGC/F.63/2(f)/89

Raipur, Dated 23rd, Sept. '89

Copy forwarded to: The Principal, St. Thomas College, Bhilai. for
information.

Kishan Chand
Director

True copy

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Application file

राज्य सरकार, राजपुत्र
राजपुत्र, राजपुत्र, राजपुत्र

राजपुत्र

क्र.सं. 1877/3010/290/91

राजपुत्र, तारीख: 10. मार्च, 1991.

राजपुत्र / राजपुत्र - राजपुत्रों की उनके नाम के
सम्बन्ध उत्तराधिकार / राजपुत्रों में राजपुत्र राजपुत्र के राजपुत्र राजपुत्र
के जो राजपुत्र के राजपुत्र राजपुत्र 30. 6. 91 के अनुसार हस्ता. राजपुत्र प्रदा
की जाती है :-

क्र.सं.	राजपुत्र का नाम	श्रेणी	वर्ग
1.	राजपुत्र, राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, उर्दू, राजपुत्र राजपुत्र
2.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, राजपुत्र, उर्दू, राजपुत्र, राजपुत्र
3.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, उर्दू, राजपुत्र, राजपुत्र
4.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, उर्दू, राजपुत्र, राजपुत्र, राजपुत्र, राजपुत्र, राजपुत्र
5.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, उर्दू, राजपुत्र, राजपुत्र, राजपुत्र
6.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, उर्दू, राजपुत्र, राजपुत्र, राजपुत्र
7.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, उर्दू, राजपुत्र, राजपुत्र, राजपुत्र
8.	राजपुत्र राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, राजपुत्र, उर्दू, राजपुत्र, राजपुत्र
9.	राजपुत्र - राजपुत्र	श्रेणी I, II, III	हिन्दी, अंग्रेजी, राजपुत्र, उर्दू, राजपुत्र, राजपुत्र
10.	राजपुत्र राजपुत्र	श्रेणी I, II, III	अंग्रेजी, हिन्दी, राजपुत्र, राजपुत्र, राजपुत्र
11.	राजपुत्र राजपुत्र	श्रेणी I, II, III	राजपुत्र, राजपुत्र, राजपुत्र

राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)
पश्चिम क्षेत्रीय समिति



National Council For Teacher Education
(A Statutory Body of the Government of India)
Western regional Committee

F.No. WRC/223076/B.Ed. (Revised Order)/2015 /144378

Date: 21/05/2015

TO BE PUBLISHED IN GAZETTE OF INDIA PART III SECTION 4

Revised Order

Whereas, in exercise of the powers conferred by sub-section (2) of Section 32 of the National Council for Teacher Education Act, 1993 (73 of 1993), and in supersession of the National Council for Teacher Education (Recognition Norms and Procedure) Regulations, 2009, the National Council for Teacher Education has notified the Regulations, 2014 on 01.12.2014.

2. And whereas, the St. Thomas College, Rurahadha, Bhillai, Durg, Chhattisgarh by affidavit dt. 22.01.2015 has consented to come under new Regulations and sought for two basic units in B.Ed. which require additional facilities.

3. And whereas, it has been decided to permit the institution to have two basic units of 50 students each subject to the institution fulfilling following conditions namely.

- I. The institution shall create additional facilities that include (a) additional built-up area, (b) additional infrastructure, (c) additional funds, (d) additional staff as per Regulations, 2014 and inform Regional Committee with required documents by October 31, 2015.
- II. The applicant-institution for additional unit will be required to submit the required documents such as land documents, Encumbrance Certificate (EC), Land Use Certificate (LUC), Building Plan (BP) and the Approved Staff List in the specified proforma available on the website to the Regional Committee in proof of having provided additional facilities before October 31, 2015. Building Completion Certificate (BCC) may be given along with other documents if available, otherwise it can also be given to the Visiting team at the time of inspection.
- III. The Regional Committee shall arrange for verification of documents, inspection of these premises and check adherence to these conditions by 20 Feb, 2016. If it is found by the Regional Committee that the institution fails to comply with these requirements, the institutions shall not be permitted to admit students for the academic year 2016-2017.
- IV. In case any existing institution's matter is sub-judice under court direction/SCN under section 17 of the NCTE Act/Complaint etc., the institution shall be required to submit a copy of the Hon'ble Court order/reply to SCN/complaint/already submitted alongwith the documents, if any together the documents referred above. In case the institution's request for staffing of premises is pending, such institutions shall be required to submit the requisite documents as per provisions of the NCTE Regulations, 2014 with a copy of the order/NOC of the affiliating body/State Govt. and such other documents as indicated in the revised formal recognition order. The final decision shall be subject to the directions given by the Hon'ble Court in the Writ/Petition/case pending by the Western Regional Committee in respect of Section 17/complaint cases etc.

To
Admission
22/5/15

Now therefore, in the light of the above and in accordance with the NCTE Regulations, 2014, the Western Regional Committee (NCTE) hereby issues the revised recognition order to St. Thomas College, Rurahadha Bhillai, Durg, Chhattisgarh for conducting B.Ed programme of two years duration with an annual intake of 100 students (two basic units of 50 students each) from the academic session 2015-16 subject to fulfillment of the conditions mentioned herein before 31.10.2015.

5. Further, the recognition is subject to fulfillment of other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/Body, the State Government etc. as applicable. The affiliating body (University/State Govt.) shall also be required to verify the authenticity of the land & building documents as well as appointment of requisite teaching & non-teaching staff as per provisions of the NCTE Regulations, 2014 by the concerned institution before grant of affiliation to an institution.

Cont.....2

मानस भवन, श्यामला हिल्स, भोपाल-462002

Manas Bhawan, Shyamla Hills, Bhopal-462002

दूरभाष/ Phone: 0755-2739672, 2660915, 2660379, 2660372 फेक्स/ Fax: 0755-2660912

Email: wrc@ncte-india.org Website : www.nctewrc.co.in
NCTE H.Qrs. Website : www.ncte-india.org

6. The institution shall submit to the Regional Committee a Self-Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a Chartered Accountant.

7. The institutions shall maintain & update its web-site as per provisions of NCTE Regulations and always display following as mandatory disclosure:

- a) Sanctioned programmes along with annual intake in the institution;
- b) Name of faculty and staff in full as mentioned in school certificate along with their qualifications, scale of pay and photograph.
- c) Name of faculty members who left or joined during the last quarter;
- d) Names of Students admitted during the current session, along with qualification, Percentage of marks in the qualifying examination and in the entrance test, if any, date of admission, etc.;
- e) Fee charged from students;
- f) Available infrastructural facilities;
- g) Facilities added during the last quarter;
- h) Number of books in the library, journals subscribed to and additions, if any, in the last quarter;
- i) The affidavit with enclosure submitted along with application.
- j) The institution shall be free to post additional relevant information, if it so desires.
- k) Any false or incomplete information on website shall render the institution liable for withdrawal of recognition.

If institution contravenes any of the above conditions or the provision of the NCTE Act, Rules, Regulations and orders made and issued there under, the institution will render itself liable to adverse action including withdrawal of recognition by the Regional Committee under the provisions of Section 17(1) of the NCTE Act 1993.

8. Recognition order no. No. WRC/5-6/40/2002/05720-24 dt. 20.09.2002 be treated as cancelled from the date of issue of this revised order.

By Order,

(Sunil Shrivastava)
Regional Director

The Manager,
Government of India Press
Department of Publications (Gazette Section)
Civil Lines, New Delhi - 110054.

Copy to:

- ✓ (1) The Principal, St. Thomas College, Rukabadha Bihari, Durg, Chhattisgarh.
- (2) The Registrar, Pt. Ravji Shukla University, Raipur, Chhattisgarh.
- (3) The Education Secretary, (Higher Education), Government of Chhattisgarh, Mantralaya, Raipur - 492001, Chhattisgarh
- (4) The Secretary, Dept. of School Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi - 110 061.
- (5) The Member secretary, National Council for Teacher Education, Hans Bhawan, Wing II, I, Bahadurshah Zafar Marg, New Delhi-110 002.
- (6) The Computer Programmer, Computer Section, WRC, NCTE, Bhopal with a request to include the name of the institution in the recognized list uploaded in WRC website.
- (7) Office Order file/corruption file, 223076

(Sunil Shrivastava)
Regional Director

Annexure-V

Department	Publication per Faculty	Peer Reviewed National Journal Papers	Peer Reviewed International Journal Papers	Publications Listed in International Database	Monographs	Chapter In Books	Books Edited	Books With ISBN/ISSN Numbers	Citation Index	SNIP	SJR	Impact Factor	h-Index
Botany	Dr. Jyoti Bakshi-1 Mr. Pravin Jain-1 Mrs. Meenakshi Bharadwaj-6	3	5	-	-	-	-	-	1	-	-	1.20-2.93	1
Biotechnology & Microbiology	Dr.M.G.Roymon-21 Dr. Ujwala Supe-4 Mrs.V.Shanti-8 Dr. Debojit Guha-1 Ms. ShubhaThakur-7	4	37	41		2		2	30			0.2-2.6	6
Chemistry	Dr. James Mathew-3 Dr. Chanda Verma-3 Dr. Ashish Kumar Bhui-5	11	-	-	-	-	-	-	3 8 111	-	-	-	-
Commerce	Dr. Ashok Mishra-9 Dr. Sheeja Varkey-2 Mrs. Rincey.B.Abraham-8 Dr. Bhuvana Venkatraman-13 Mr. Laxman Prasad-5 Mrs. Sunita Kshatriya-4 Mr. Sandeep Bhawnani-4 Ms. Aditi Acharya-5	12	9	-	-	1	-	-	-	-	-	-	-

Economics	Dr. Aparna Ghosh	2	-	-	-	-	-	-	-	-	-	2.782	-
Education	Dr. Sheeja Thomas-4 Dr. Sonia Popli-5 Dr. Shabnam Khan-9 Dr. Reema Dewangan-9 Mrs. Rupa Shrivastava-2	19	10	-	-	-	-	-	-	-	-	1.6714- 3.2416	-
English	Dr. Sujata Koley	-	1	-	-	-	-	-	-	-	-	2.782	-
Hindi	Mrs. Surekha Jawade 1 Mrs. Rupa Shrivastav 1	1	-	-	-	-	-	-	-	-	-	1.776	-
Management	Dr.Susan R. Abraham-8 Mr. Mahendrakumar Ikhar-2	7	1	-	-	-	-	-	-	-	-	-	-
Mathematics & Computer Science	Dr. Reny George- 6 Dr. SujaVarghese- 6 Mrs.Smita Suresh Daniel-4 Mrs K.Manju-3	4	9	-	-	-	-	-	-	-	-	-	-
Physics	Dr Biplob Goswami Mr. Mohan Patel	0 1	10 -	10 1	- -	- -	- -	- -	51 3	- -	- -	0.41- 3.34	5 -
Psychology	Dr. Debjani Mukherjee	4	1	-	-	2	-	-	4	-	-	-	1
Zoology	Dr. Jayasree Balasubramanian-4	3	1	1	-	-	-	-	3	-	-	0.55- 2.2	1

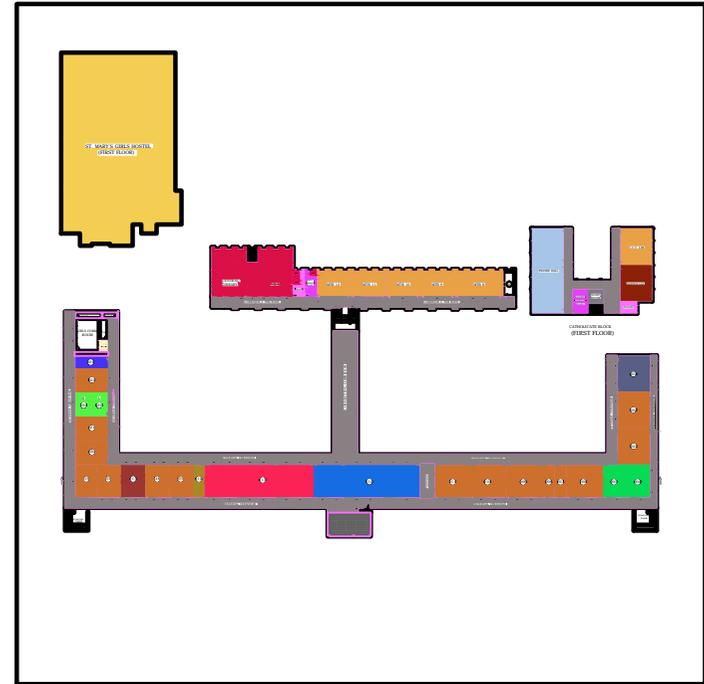
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
THE ST. THOMAS COLLEGE

AT RUABANDHA, BHILAI, (C.G.)

[LAYOUT PLAN]



**GROUND FLOOR PLAN
(COLLEGE BUILDING)**



**FIRST FLOOR PLAN
(COLLEGE BUILDING)**

ROOM COLOUR LGENDS		
S.N.	ROOM No.	PARTICULARS
1.	101	CHEMISTRY LAB
2.	102	CHEMISTRY LAB
3.	103	DEPT. OF CHEMISTRY
4.	104	CHEMISTRY LAB
5.	105	CHEMISTRY LAB
6.	106	DEPT. OF PHYSICS & ELECTRONICS
7.	107	PHYSICS & ELECTRONICS LAB

ROOM COLOUR LGENDS		
S.N.	ROOM No.	PARTICULARS
8.	115	BIOTECH. LAB PG
9.	116	MICROBIO. LAB PG
10.	117	MICROBIO. LAB UG
11.	118	STAFF TOILET
12.	119	---
13.	120	INSTRUMENTATION ROOM
14.	121	DEPT. OF MICROBIOLOGY

ROOM COLOUR LGENDS		
S.N.	ROOM No.	PARTICULARS
15.	122	BIOTECH. LAB PG
16.	123	MICROBIO. RESEARCH CENTRE
17.	124	BOTANY LAB
18.	125	BOTANY LAB
19.	126	BOTANY LAB
20.	127	DEPT. OF BOTANY
21.	128	ZOOLOGY LAB

ROOM COLOUR LGENDS		
S.N.	ROOM No.	PARTICULARS
22.	129	SPORTS ROOM
23.	130	DEPT. OF ZOOLOGY
24.	MTB-1	DEPT. OF MANAGEMENT STUDIES TRAINING & PLACEMENT CELL
25.	MTB-2	SEMINAR HALL
26.	MTB-3 TO MTB-6	CLASS ROOMS
27.	MTB-7	EXAM CONTROL ROOM
28.	27	CENTRAL LIBRARY

ROOM COLOUR LGENDS		
S.N.	ROOM No.	PARTICULARS
1.	201	DEPT. OF COMMERCE (CENTRE FOR PROMOTION OF BUSINESS ACTIVITY)
2.	202, 203	CLASS ROOMS
3.	204	LANGUAGE LAB
4.	205	DEPT. OF ENGLISH WOMEN CELL
5.	206 TO 211	CLASS ROOMS
6.	212	CONFERENCE HALL
7.	213, 214	COMPUTER CENTRE

ROOM COLOUR LGENDS		
S.N.	ROOM No.	PARTICULARS
8.	215	DEPT. OF MATHEMATICS
9.	216, 217	CLASS ROOMS
10.	218	DEPT. OF PSYCHOLOGY GUIDANCE & COUNSELLING CELL
11.	219 TO 223	CLASS ROOMS
12.	224	DEPT. OF ECONOMICS (ADVANCED EDUCATION CELL)
13.	225	DEPT. OF HINDI
14.	56	IQAC OFFICE
15.	MTB-8 TO MTB-12	CLASS ROOMS

ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH
 Owned by : Malankara Orthodox Syrian Church-Catholicate Aramana, Devalokam, Kottayam, Kerala.
 Managed by: St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai

INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2016



Year ended 31.03.2015 Amt (Rs.)	INCOME	SCHD.	Year ended 31-03-2016 Amt (Rs.)
23,574,300.00	<u>Tuition Fees</u>		26,774,801.00
8,906,755.00	<u>Other Fees</u>	9	9,122,129.00
2,632,520.00	<u>Interest From Bank</u>		2,813,900.00
481,124.00	<u>University Fee for Examination</u>		387,978.00
67,150.00	<u>Seminar Receipts</u>		2,400.00
	<u>Seminar (CCOST)</u>		30,000.00
50,125.00	<u>National Service Scheme</u>		-
353,002.00	<u>House Rent</u>		380,344.00
36,064,976.00	TOTAL		39,511,552.00



ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH

Owned by : Malankara Orthodox Syrian Church-Catholcate Aramana, Devalokam, Kottayam, Kerala.

Managed by: St. Thomas Malankara Orthodox Syrian Church Misslon, Bhilai



INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2016

Year ended 31.03.2015 Amt (Rs.)	EXPENDITURE	SCHD.	Year ended 31-03-2016 Amt (Rs.)
23,533,865.00	<u>Salaries & Allowanaces</u>	10	26,505,123.00
5,557,670.00	<u>Administrative Expenses</u>	11	6,169,303.00
284,479.00	<u>Welfare Expenses</u>	12	461,530.00
939,948.00	<u>Running, Repairs & Maintenance</u>	13	1,196,278.00
711,297.00	<u>University Expenses</u>	14	741,765.00
77,903.00	<u>Seminar Expenses(CCOST)</u>		47,478.00
5,690.00	<u>Seminar Expenses</u>		23,966.00
21,185.00	<u>National Service Scheme</u>		24,214.00
348,557.00	<u>House Rent</u>		365,192.00
800,000.00	<u>Depreciation Reserve</u>		300,000.00
3,653,957.00	<u>Depreciation</u>		3,569,609.00
130,425.00	<u>Excess of Income over Expenditure</u>		107,094.00
36,064,976.00	TOTAL		39,511,552.00

AUDITOR'S REPORT

As per our separate report on the Balance Sheet of even date

For,

For, B.VISHWANATH & Co.
Chartered Accountants

FRN 007875C



Sukhwinder Saini
(Sukhwinder Saini)
PARTNER
M. NO 413433

Place: Bhilai
Date: 23.05.2016

ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH
 Owned by : Malankara Orthodox Syrian Church-Catholicate Aramana, Devalokam, Kottayam, Kerala.
 Managed by: St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai

INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2015



Year ended 31.03.2014 Amt (Rs.)	INCOME	SCHD.	Year ended 31-03-15 Amt (Rs.)
23,769,950.00	<u>Tuition Fees</u>		23,574,300.00
10,965,099.00	<u>Other Fees</u>	9	8,906,755.00
2,516,318.00	<u>Interest From Bank</u>		2,632,520.00
328,878.00	<u>University Fee for Examination</u>		481,124.00
61,760.00	<u>Seminar Receipts</u>		67,150.00
6,750.00	<u>National Service Scheme</u>		50,125.00
-	<u>House Rent</u>		353,002.00
37,648,755.00	TOTAL		36,064,976.00



ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH

Owned by : Malankara Orthodox Syrian Church-Catholicate Aramana, Devalokam, Kottayam, Kerala.

Managed by: St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai



INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2015

Year ended 31.03.2014 Amt (Rs.)	EXPENDITURE	SCHD.	Year ended 31-03-15 Amt (Rs.)
23,821,598.00	<u>Salaries & Allowanaces</u>	11	23,533,865.00
6,675,465.50	<u>Administrative Expenses</u>	12	5,557,670.00
260,919.00	<u>Welfare Expenses</u>	13	284,479.00
1,077,903.00	<u>Running, Repairs & Maintenance</u>	14	939,948.00
938,836.00	<u>University Expenses</u>	15	711,297.00
149,842.00	<u>Seminar Expenses(CCOST)</u>		77,903.00
14,257.00	<u>Seminar Expenses</u>		5,690.00
28,879.00	<u>National Service Scheme</u>		21,185.00
33,128.00	<u>House Rent</u>		348,557.00
800,000.00	<u>Depreciation Reserve</u>		800,000.00
3,765,410.00	<u>Depreciation</u>		3,653,957.00
82,517.50	<u>Excess of Income over Expenditure</u>		130,425.00
37,648,755.00	TOTAL		36,064,976.00

AUDITOR'S REPORT

As per our separate report on the Balance Sheet of even date

For,

For, B.VISHWANATH & Co.

Chartered Accountants

FRN 007875C

Manjesh
(Manjesh Agrawal)

PARTNER

M. NO 517143



Place: Bhilai

Date: 01.05.2015

ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH
 Owned by : Malankara Orthodox Syrian Church-Catholicate Aramana, Devalokam, Kottayam, Kerala.
 Managed by: St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai



INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2014

Year ended 31.03.2013 Amt (Rs.)	INCOME	SCHD.	Year ended 3/31/2014 Amt (Rs.)
20,159,800.00	Tuition Fees ✓		23,769,950.00
11,730,363.00	Other Fees ✓	9	10,965,099.00
1,344,272.00	Interest From Bank ✓		2,516,318.00
415,794.00	University Fee for Examination ✓		328,878.00
314,350.00	Seminar Receipts (UGC) ✓		61,760.00
129,783.00	National Service Scheme ✓		6,750.00
2,213.00	House Rent ✓		-
8,793.20	Excess of Expenditure Over Income		
34,105,368.20	TOTAL		37,648,755.00



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ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH

Owned by : Malankara Orthodox Syrian Church-Catholicate Aramana, Devalokam, Kottayam, Kerala.

Managed by: St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai



INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2014

Year ended 31.03.2013 Amt (Rs.)	EXPENDITURE	SCHD.	Year ended 3/31/2014 Amt (Rs.)
18,993,843.00	Salaries & Allowanaces	10	23,821,598.00
6,735,786.20	Administrative Expenses	11	6,675,465.50
306,495.00	Welfare Expenses	12	260,919.00
1,083,666.00	Running, Repairs & Maintenance	13	1,077,903.00
2,000,000.00	Mission Educational Development Expenses		-
713,923.00	University Expenses	14	938,836.00
314,350.00	Seminar Expenses(UGC)		149,842.00
	Seminar Expenses		14,257.00
129,783.00	National Service Scheme		28,879.00
	House Rent		33,128.00
	Depreciation Reserve		800,000.00
3,827,522.00	Depreciation		3,765,410.00
-	Excess of Income over Expenditure		82,517.50
34,105,368.20	TOTAL		37,648,755.00

AUDITOR'S REPORT

As per our separate report on the Balance Sheet of even date

For,

For, B.VISHWANATH & Co.

Chartered Accountants

FRN 007875C

B. Vishwanath
(B. VISHWANATH)

PARTNER

M. NO 74096



Place: Bhilai
Date: 15.05.2014

ST. THOMAS COLLEGE, RUABANDHA, BHILAI, DURG, CHHATTISGARH
 Owned by : Malankara Orthodox Syrian Church-Catholcate Aramana, Devalokam, Kottayam, Kerala.
 Managed by: St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai



INCOME & EXPENDITURE ACCOUNT AS ON 31/03/2013

Year ended 31.03.2012 Amt (Rs.)	EXPENDITURE	SCHD.	Year ended 3/31/2013 Amt (Rs.)
19,509,371.00	<u>Salaries & Allowanaces</u>	11	18,993,843.00
5,967,236.50	<u>Administrative Expenses</u>	12	6,735,786.20
40,705.00	<u>Welfare Expenses</u>	13	306,495.00
1,065,245.00	<u>Running, Repairs & Maintenance</u>	14	1,083,666.00
1,500,000.00	<u>Mission Educational Development Expenses</u>		2,000,000.00
562,624.00	<u>University Expenses</u>	15	713,923.00
240,664.00	<u>Seminar Expenses</u>		314,350.00
43,991.00	<u>National Service Scheme</u>		129,783.00
1,923,072.00	<u>Land Lease Payment to SAIL, BSP</u>		-
30,812.00	<u>House Rent</u>		-
81,067.00	<u>Naac Expenses</u>		-
3,788,196.00	<u>Depreciation</u>		3,827,522.00
34,752,983.50	TOTAL		34,105,368.20

AUDITOR'S REPORT

As per our separate report on the Balance Sheet of even date

For, B.VISHWANATH & Co.
Chartered Accountants

FRN 007875C



(Jitendra Goyal)

PARTNER

M. NO 422657

Place: Bhilai

Date: 01.05.2013