



**ST. XAVIER'S COLLEGE [AUTONOMOUS]
Dr. CAMIL BULCKE PATH
RANCHI – 834001**

**The Annual Quality Assurance Report
(AQAR) of the IQAC
Session: 2014-2015**

Submitted to:
National Assessment and Accreditation Council (NAAC)
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**ST. XAVIER'S COLLEGE (AUTONOMOUS)
RANCHI, PIN-834001**

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**The Annual Quality Assurance Report (AQAR) of the IQAC
Session: 2014-2015**

Part – A

I. Details of the Institution

1.1 Name of the Institution

St. Xavier's College, Ranchi

1.2 Address Line 1

**P. Box -9, Dr.Camil Bulcke
Path**

Address Line 2

Purulia Road

City/Town

Ranchi

State

Jharkhand

Pin Code

834001

Institution e-mail address

sxcprincipal@gmail.com

Contact Nos.

**0651-2214301,2214935,
Fax-2207672**

Name of the Head of the Institution:

Fr. Dr. Nicolas Tete, S.J

Tel. No. with STD Code:

0651-2214301, 2214935

Mobile:

9431115540, 9709178314

Name of the IQAC Co-ordinator: **Dr. Harishwar Dayal**

Mobile: **9835540564**

IQAC e-mail address: **principal@sxcran.org**

1.3 NAAC Track ID (For ex. MHCOGN 18879) **EC/62/RAR/164**

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: **http://www.sxcran.org**

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	☆☆☆☆		1999	5 years
2	2 nd Cycle	B++		2005	5 years
3	3 rd Cycle	A	3.23	2013	5 years
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY **10.01.2004**

1.8 AQAR for the year (for example 2010-11) **2014-15**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR 02-08-2018 (DD/MM/YYYY)
 ii. AQAR 02-08-2018 (DD/MM/YYYY)
 iii. AQAR _____ (DD/MM/YYYY)
 iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☒

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☒ No ☐

Regulatory Agency approved Institution Yes ☐ No ☒

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

Financial Status Grant-in-aid ☒ UGC 2(f) ☐ UGC 12B ☐

Grant-in-aid + Self Financing ☒ Totally Self-financing ☐

1.11 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☒

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

RANCHI UNIVERSITY, RANCHI

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

RANCHI UNIVERSITY

University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text" value="√"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="12"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="00"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="00"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="18"/>

2.10 No. of IQAC meetings held : 04

2.11 No. of meetings with various stakeholders: No. 10 Faculty 02
Non-Teaching Staff Students 03 Alumni 05 Others

2.12 Has IQAC received any funding from UGC during the year? Yes No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. Nil International National State Institution Level

(ii) Themes

NA

2.14 Significant Activities and contributions made by IQAC

1. Community Outreach Programmes
2. Promote research facilities in the college.
3. Initiate Organizational Development Process to have better cohesiveness among staff members
4. Support of Co and Extra Curricular activities
5. Follow up of student attendance and welfare
6. Organizing various programmes keeping in mind the vision and mission of the institute
7. Support to Principal in planning and administrative activities
8. Implement quality-assuring activities in the college
9. Follow up of Academic council, finance committee, examination and Governing committee meeting.
10. Coordination of the UGC Peer team's visit for autonomy to St Xavier's College for the 3rd cycle .
11. Updating website for SXC-R.
12. Design non academic programmes for Environmental consciousness
13. Efforts to promote college office into a paperless office
14. Auditing and improving of Library facilities and regular follow up
15. Work towards better communication facilities on campus
16. Organize workshops and seminars for students (PGOP) and staff
17. Coordinated the construction of new laboratories
18. Research sensitization among staff and students
19. Support to Youth Festival activities
20. Coordinating the strengthening of Wi-Fi on campus
21. Work towards better communication facilities on campus
22. Promotion of students' extension activities through NCC, NSS, Rotaract, AICUF, Geo Club, Eco task force.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan	Achievements
Infrastructure Additions	<ol style="list-style-type: none"> 1. Purchase of New Books and Equipments 2. Availability of more space for teaching and learning 3. Creation of space for new Labs 4. Up gradation of washrooms.
Community Outreach:	<ol style="list-style-type: none"> 1. Support by Rotaract Club to an adopted school. 2. Blood donation Camps were held. 3. Visit to old age homes. 4. Visit to blind Schools. 5. Road Safety camps.
Innovative Method of Teaching	ICT based Teaching
Online Feedback	Online feedback of teachers
Encourage faculty to publish research papers in refereed journals	14 teachers published papers
Organize state/national/international seminar	05 college level seminars were organised during the year.
Organise Fr. C De Brouwer Lecture Series	Dr. Kamal Prasad from Tilka Manjhi University, Bhagalpur delivered a lecture on nano science and nano particles.
Apply for Minor/major research	Could not be done.
Remedial classes	Remedial classes were organised for weaker students.
Career Placements	09 organizations have visited the college and 185 students were placed in various companies
More transparency in evaluation system	The college follows Continuous internal assessment system for the students and the evaluated assignments and mid semester examination copies are shown to the students.
Student merit awards	The college gives Gold medals to the toppers of every course at its annual degree distribution

	ceremony and apart from that 34 other merit awards are given by the college to the students.
Sports competitions	The college holds annual sports meet, intra college cricket tournament, basketball tournament, football tournament, table tennis and chess tournaments for the students of the college every year.
NSS	NSS organized Blood Donation Camp, Career Counselling, Run for Women Empowerment and Financial Literacy Camps.
Environmental Concerns (Green Initiatives)	Dustbins for waste management were kept at more locations, tree plantations were conducted and a green nursery is maintained by the college.
Up gradation of ICT facilities	New computers and projectors were added to the existing infrastructure.
Initiatives to keep Campus Clean	Everyday cleaning of the campus is done by the appointed staff and waste bins are placed at required places for waste management.
Improving office administration and shifting to paperless office	The college promotes the concept of paperless office and hence many of the functions are now automated. The admit cards for end semester exams are uploaded to the college website. Students are directed to download the same before the exams. The marks of the students are displayed on the website including their attendance; only final composite mark sheet is issued to them. The website is upgraded for regular notices and information to the students. The entire admission process is paperless.
Computer Literacy in Campus	The college now has 369 computers, 08 labs, 186 computers with internet connection, 10 computer centres and 1 browsing centre.
Introduction of M.Phil programme in Commerce, English and Hindi	Could not be done due to non approval of programme by the parent university.
Increase student Computer Ratio	75 New computers were purchased.
Providing Student ID and internet password on demand	Student ID and Passwords to use the campus Wi-Fi internet facilities are extended to the students on demand.
More classrooms with LCD projectors	LCD projectors were installed in more classrooms.
Data Management	An indigenous Data management software is developed by the computer professionals of the

	college which stores information regarding all the students, their marks details, registration details, and relevant information about faculty.
Meeting with stakeholders	10 meetings with various stakeholders were held.
Healthcare for students	There is an in-house clinic to meet with unexpected contingencies.
Implementation of ERP/MIS	The college has indigenously built software for admissions, examinations, attendance monitoring and fees collection.
Doctor on Campus	A doctor is available every day between 10am and 11 am in the college clinic.
Gender Sensitization	Women's Cell conducted several programmes and counselling sessions to cater to the needs of women students.

* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes ☐ No ☒

Management ☐ Syndicate ☐ Any other body ☐

Provide the details of the action taken

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	NA	NA	NA	NA
PG	07	00	07	01
UG	25	00	11	12
PG Diploma	01	00	01	01
Advanced Diploma	08	00	08	08
Diploma	09	00	09	09
Certificate	08	00	08	08
Others	00	00	00	00
Total	58	00	44	39
Interdisciplinary	05		05	05
Innovative				

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options: **CBCS**
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	58
Trimester	
Annual	

- 1.3 Feedback from stakeholders* Alumni ☒ Parents ☒ Employers ☐ Students ☒
(On all aspects)
- Mode of feedback : Online ☒ Manual ☒ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure*

- 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- Revision of syllabi of Hindi Mathematics and Zoology.
- Revisions made by the BOS of the departments of Physics, Computer Applications(U.G and P.G.) were approved.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

	Total sanctioned from govt. 102		Asst. Professors		Associate Professors		Professors		Others
	Govt.	Mgmt.	Govt.	Mgmt.	Govt.	Mgmt.	Govt.	Mgmt.	
Serving	71	31	55	31	17*	00	01	00	01

*Associate Professors : On the basis of promotions through CAS.

2.2 No. of permanent faculty with Ph.D.

44

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
02	00	00	00	00	00	-	-	02	00

2.4 No. of Guest and Visiting faculty and Temporary faculty

19

27

02

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	20	03
Presented papers	06	Nil	Nil
Resource Persons	Nil	Nil	05

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Increased use of ICT Tools.
- Curriculum was designed to make it more skill-oriented.
- Curriculum was reformed to meet the challenges pertaining to current trends in higher education to foster global competencies

2.7 Total No. of actual teaching days During this academic year

170

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Faculty members are allowed to opt for viva, presentation etc as mode of examination in the case of internal evaluation of certain section

- Grading of students performance using CGPA is in place
- Class tests, quiz, viva-voce, seminar, comprehension (listening and reading), problem solving, group discussion, field visit, essay writing, library record, case study, were conducted by various departments as innovative teaching methods
- Assignment questions are given to the students towards unguided learning process and exams are conducted to access the ability of the students in solving those assignments.
- Coding system of answer books for end semester exams is in place since 2009.
- Students can apply for scrutiny of answer books after paying a nominal fee.
- The college does not provide photocopies of answer scripts.
- Double valuation is permissible only in extreme cases when the examination committee deems it as admissible.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

100%	100%	100%
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2.10 Average percentage of attendance of students

89.88

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction	I	II	III	Pass %
Bio - Tec	39	25	30	00	00	76.90
Botany	14	09	09	00	00	64.30
Chemistry	47	28	29	00	00	61.70
Geology	45	26	26	00	00	57.80
Maths	73	47	48	00	00	65.80
Physics	42	24	27	00	00	64.30
Zoology	33	23	26	00	00	78.80
Economics	51	15	40	00	00	78.40
English	80	08	42	00	00	52.50
Geography	81	38	48	00	00	59.30
Hindi	92	05	28	00	00	30.40
History	81	11	37	00	00	45.70
Pol. Science	93	70	05	00	00	42.90
Accounts	661	413	469	00	00	71.90
BBA	33	24	24	00	00	72.70

BFMO	56	42	42	00	00	75.00
BRM	19	13	13	00	00	68.40
COMP. APPL	42	00	15	00	00	35.70
Info. Tech	47	00	16	00	00	34.00
Fun. English	30	00	01	16	00	56.70
MCVP	40	17	26	00	00	56.00
ASPSM	46	00	31	11	00	67.40
OMSP	34	00	19	09	00	55.90
PPI	27	00	05	00	00	18.50
MCA	26	23	23	00	00	88.50
M.Com	115	110	110	00	00	95.70
MA Hindi	53	52	52	00	00	98.10
MA English	50	38	30	00	00	76.00
MA Economics	24	09	09	00	00	37.50
MA Geography	47	42	42	00	00	89.40
MA Political Sc.	28	18	18	00	00	64.30
B.Ed	96	51	91	00	00	100.00

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Feedback from students and faculty are taken on regular basis
- Monitoring of activities of different departments through meeting of heads of departments.
- Use of ICT (Information and Communication Technology)
- Networked library
- Regular IQAC meetings are held and various issues are discussed
- Dissemination of information in the departmental meetings
- Dissemination of information from various committees such as exam committee, cultural committee etc.
- IQAC works towards establishing systems in place
- Worked towards building up institution by engaging staff
- Encourage and create facility for research and positive environment for academics
- Work towards setting up efficiency in the college
- Follow up grievances arising from evaluation of scripts/ general nature about student life on campus
- Emphasis on showing class test papers and display marks on the Notice Board

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	02
UGC – Faculty Improvement Programme	Nil
HRD programmes	01
Orientation programmes	02
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	03
Others	Nil

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	06	Nil	Nil	Nil
Technical Staff	13	Nil	Nil	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- The College has a Central Research Laboratory under the supervision of Dr. Sanjay Kumar. Through the research laboratory, many teachers from different departments pursue their research in different fields.
- 11 Research Scholars are pursuing their PhD's under the guidance of different faculties of the College.
- To encourage faculty to undertake various research projects, Ph.D. works and also to participate in national & international seminars and conferences
- Reaching out to each department to promote research activities among the faculty members.
- Talks and invited lectures were promoted.
- Students were encouraged presented research papers at National Seminars
Students publish research papers

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs	NIL	NIL	NIL	NIL

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	03	NIL	NIL
Outlay in Rs. Lakhs	NIL	721500	NIL	NIL

3.4 Details on research publications

	International	National	Others
Peer Review Journals	02	NIL	NIL
Non-Peer Review Journals	NIL	12	NIL
e-Journals	NIL	NIL	NIL
Conference proceedings	NIL	NIL	NIL

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects (other than compulsory by the University)	Nil	Nil	Nil	Nil
Any other(Specify)	2014	CPE	15000000	1020000
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy ☒ CPE DBT Star Scheme
INSPIRE CE Any Other (specify) ☒

* Rs. 1.85 Crore was sanctioned for B.Voc degree programmes in Fashion technology and Building construction management however, a grant of Rs. 65 lacs only was released in the current year.

3.10 Revenue generated through consultancy

3.11 No. of conferences
organized by the Institution

Level	International	National	State	University	College
Number	Nil	Nil	Nil	Nil	05
Sponsoring agencies	Nil	Nil	Nil	Nil	College

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
NIL	NIL	NIL	NIL	NIL	NIL	NIL

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

SRF

Project Fellows

Any other

3.21 No. of students Participated in NSS events:

University level

State level

National level

International level

3.22 No. of students participated in NCC events:

University level

State level

National level

International level

3.23 No. Of Awards won in NSS:

University level	01	State level	01
National level	00	International level	00

3.24 No. Of Awards won in NCC:

University level	NIL	State level	NIL
National level	NIL	International level	NIL

3.25 No. of Extension activities organized

University forum		College forum	10	
NCC	04	NSS	09	Any other 08

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Activities by WOMEN CELL

1. Carried out a social responsibility campaign through distribution of clothes in Leper's colony, Ranchi on 7th August, 2014. Shared their problems and provided them with general awareness about cleanliness.
2. A seminar was organized on Women Health Issues on 26/02/2015. Followed by free camp by Dr. S. Mahesh (Sr. Gynaecologist and Child specialist) and Dr. Sharmila (Consultant in Family planning)
3. Celebrated Women's Day on March 8, 2015 in the college in form of awareness run. Flagged off by Ranchi Mayer Mrs. Asha Lakra. Conducted creative writing, debates, cake making, painting, sketching competitions, concluded by a talk on Women emancipation by city SP Dr. Jaya Roy and Prize Distribution ceremony.
4. A seminar on 'Safety Awareness' was organized in the college. Vodafone team conducted a programme on safe usage of mobile phone on 09-08-2015.

ECO TASKFORCE – VANDEEP

(ACTIVITIES)

1. A seminar was organized for the students on 07/02/2015 at 11 am. A talk was delivered by Mr. Amiya (Founder director, 3E learning) on maths and its applications in biology. Students of Zoology (H) and Botany (H) participated.
2. Classes on Moral Ethics and values were conducted for students of SEM I, session 2014-17 on following themes. Students of dept of Zoology actively participated.

THEMES

Forgive & forget

Respect everyone

Discrimination

Indian Economy

Students of Sem VI (2012-2015) participated in the camp for Bird Lovers organized by forest dept., Jharkhand on 28th January, 2015 at Van Bhawan, Doranda, Ranchi. Dr. Bharti Singh Raipat, Dr. Venkat Appa Rao and Dr. Ritesh Kumar Shukla accompanied the students.

3. Plantation was done at Ascot international school, Harmu, Ranchi on 17th July, 2015 by the students of Dept. of Zoology and NCC of St. Xavier's College Accompanied by Dr. Priya Srivastava
4. A Plantation drive was carried out at Bangla School, Ranchi on 16th August, 2015 by Dr. Priya Srivastava.
5. Plantation drive was carried out at St. Margaret School on 23rd August, 2015 by the students of Dept. of Zoology Accompanied by Dr. Bharti Singh Raipat and AROX, Alumni of St. Xavier's College, Ranchi.

NSS

- I. Voters Awareness Rally on 11.4.2014
- II. Campus Cleaning on 10.7.2014
- III. Blood donation camp on 12.8.2014
- IV. Tree plantation on 18.8.2014
- V. Drive Ranchi Traffic Awareness campaign on 18.9.2014
- VI. Financial Literacy Consumer Awareness Campaign on 17.11.2014
- VII. Voters Awareness Rally on 18.11.2014
- VIII. Nukkad Natak on 18.11.2014

NCC

- i. Cleanliness Drive On 30.11.2014 at Kutchary Road, Ranchi; 120 cadets to attend
- ii. Plantation Drive, on 24.08.2014 at Zila School Ranchi, 80 cadets attended the drive and 300 saplings were planted
- iii. Pulse Polio Assignment; held in January 2014, 35 cadets attended it.
- iv. Blood Donation camps are taken up by our cadets as per their self volunteering.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	12.10 acres	-	Mgmt. Fund	12.10 acres
Class rooms	77	NIL	Mgmt. Fund	77
Laboratories	29	02	Mgmt. Fund	31
Seminar Halls	08	NIL	Mgmt. Fund	08
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	NA	NA	NA	NA
Value of the equipment purchased during the year (Rs. in Lakhs)	63,215	18,37,496	Mgmt. Fund /Autonomy	14,25,533*
Others	47	NIL		47

*Taking into account the annual depreciation @25%

4.2 Computerization of administration and library

- Indigenously built software and barcoding system was implemented for office purposes..15 computers are connected with LAN facilities.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	154389	2,48,93,135.00	1457	5,30970.00	155846	2,54,24,105.00
Reference Books	2990	15,15,503.00	15	10,004.00	3005	15,25,507.00
e-Books	--	--	--	--	--	--
Journals	78	1,04,705.00	6	13000.00	84	1,17,705.00
e-Journals	20	29,435.00			20	29,435.00
Digital Database	1	5,000.00				5,000.00
CD & Video	--	--	--	--	--	--
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	294	07	169	01	10	23	19	
Added	75	01	27	Nil		12	05	
Total	369	08	186	01	10	35	24	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Internet Access to all Machines with 15 mbps leased line
- The college provides computers, internet access to teachers and students
- Wi fi facility in the entire campus including Computer Centre, Staff Room and Conference Room
- User, id and log in password provided to all faculty members and to students on request
- CCTV Surveillance system in the campus.
- Campus Network backbone up gradation to support redundancy and high availability
- Extension of Audio-visual system to all classrooms.

4.6 Amount spent on maintenance in lakhs :

i) ICT	5,547,980
ii) Campus Infrastructure and facilities	6,894,474
iii) Equipments	0,703,156
iv) Others	7,014,632
Total :	20,160,242

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- An orientation programme for first year students is held on the first day of the Academic session
- Meeting with class representatives are held with the Principal and Dean Students' Welfare on regular intervals
- Regular notices on the notice boards and on college website regarding examination reforms.
- General assembly for all the students to make them aware of latest developments.

5.2 Efforts made by the institution for tracking the progression

- Inclusion of external resource persons in BoS & IQAC
- Continuous Internal Assessment (CIA)
- Remedial & Tutorial classes are held for slow learners.
- Mentoring system is in practice
- Review of exam result
- Progression in student support service is tracked through
 - Alumni membership
 - Personal contact-with ex students
 - Meetings with Stakeholders

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
6863	774	00	95

(b) No. of students outside the state

365

(c) No. of international students

00

Men	No	%	Women	No	%
	3306	44.31		4155	55.68

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3352	371	2896	869	--	7977	2950	335	2773	914	--	7732

Demand ratio U.G. 1:5 P.G 1:2.3 Dropout % 4.44%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

The college does not provide coaching facilities to the students for competitive exams.

No. of students beneficiaries

Nil

5.5 No. of students qualified in these examinations * No Data available

NET	Nil	SET/SLET	Nil	GATE	Nil	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	Nil

5.6 Details of student counselling and career guidance

- There is a separate counseling cell for students.
- Staff make themselves available on campus for the mentoring and guidance of students in need of counseling.
- There is separate Placement Cell, which looks after the placement and provides proper guidance for the future prospective students.
- Career counseling by faculty members and professionals (also ex-students)
- Regular counselling is provided to women students by the Women's Cell of the college

No. of students benefitted

185

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
09	591	185	Data not available

5.8 Details of gender sensitization programmes

St. Xavier's College Women's Cell has been actively engaged in conducting various programmes to create awareness among the students with regard to issues pertaining to gender equality and women empowerment.

Nukkad Natak (Street Plays) are held regularly in the campus by students on various social issues.

Road shows were also held by students of some departments of the college to promote gender sensitization programmes.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	Nil	Nil
Financial support from government	2461	39,181,575
Financial support from other sources	23	53,200
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

- Traffic awareness Rally on July 18, 2014
- Blood Donation Camp on August 12, 2014
- Sports Day at Adapted School on August 11, 2014
- Independence Day Celebrations on August 15, 2014
- Inter College Debate Competition on January 16-17, 2015
- Republic day celebrations at adapted school on January 26, 2015

- g. Link-Clean city campaign on January 30,2015.
- h. Udaan-#MakeItHappen on March 8, 2015.

5.13 Major grievances of students (if any) redressed: _____

The Students' Grievance Cell was formed in 2009. The cell is vested with the authority to arbitrate any type of grievances raised by the students of the College. The committee members of Grievances Redressal Cell (GRC) examine the complaint and recommend the case, if necessary, to the Principal. The Principal is the final authority to take action.

A few grievances regarding public utilities such as canteen and toilet facilities were redressed during the year.

The college also has a Women's' Cell to look into complaints and issues of women students.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION:

To create a class of intellectually, morally and spiritually sound and committed citizens, who will become a human resource of high calibre, to cater to the needs of the society and the country as a whole in accordance with our motto 'Lucens et Ardens', which means 'spreading light and glowing bright'.

MISSION OF THE COLLEGE:

- To accord priority to the education of Catholic as well as Scheduled Tribe and Scheduled Caste students
- To appreciate and respect all faiths , foster self and community development and promote religious harmony leading to national integration
- To create a teaching - learning environment conducive to the pursuit of higher knowledge, relevant skills and experience
- To include new developments in education into the curriculum so as to promote academic advancement leading to national development
- To promote awareness on ecological and environmental issues
- To effect changes in the curriculum with information and communication technology
- To develop skilled personnel through vocational and entrepreneurial education
- To create research environment which can lead to consultancy and extension
- To sensitize the students on socio-economic issues (emphasizing on gender and human rights) by including related topics into the curriculum, and through co-curricular activities

6.2 Does the Institution has a management Information System

Yes,

1. Administrative procedures.
2. Student admission
3. Student records
4. Evaluation and examination procedures
5. Student Feedback
6. Library
7. Fee Collection
8. College website for details regarding news and events.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- The college has adopted Credit Based Grading System from 2013 for curriculum reform to meet the challenges pertaining to current trends in higher education to foster global competencies. The same system is being followed in the current year.
- Curriculum restructuring is a continuous process.
- While restructuring, feedback from all stakeholders possible are analyzed and appropriate actions are taken for improvement.
- Consultations with academic and industry experts on curriculum improvement and relevance of programmes is sought to ensure quality education.
- Multi skill development programmes help in employability. Training through internship, project work, Career Oriented Programmes and participation in various society activities help to develop leadership skill and competence.
- Every year the BoS of each department decides on the exigencies of syllabus restructuring. Relevant changes are incorporated and the new improved curriculum is then placed in the Academic Council for approval. Henceforth the new curriculum is implemented in the next academic session.
- At the end of three years, with feedback from stakeholders and the experience gained during the three years, the BOS of every department undertakes a thorough revision of the syllabi to make it contemporary and more relevant.

6.3.2 Teaching and Learning

With respect to teaching and learning the following initiatives have been undertaken in 2014-15 :

- Restructuring of curriculum was done for all the courses as per the Credit Based Grading System requirements.
- The goals are:
 - i. To make teaching and learning more suited to meet the needs of higher studies and national level competitive examinations
 - ii. To modularize syllabus and spell out the course objectives

6.3.3 Examination and Evaluation

From the inception of autonomy, we have been introducing changes in the teaching, learning and evaluation practices to bring these in alignment with the mission and vision of our institution.

- New Examination committee came in to existence under the autonomous system
- Bar Coding of scripts and dummy numbering was carried out
- The 30:70 system of evaluation was implemented in accordance with Credit Based Grading System curriculum for humanities and commerce. The 30:70 system was reworked for Science Faculty keeping in mind, the importance of weightage in theory, practicals and assignments and stands as 50:25:25 for endsem, midsem and practicals respectively.
- Various BoS, Academic Council were constituted and meetings were convened

6.3.4 Research and Development

- Faculty is encouraged to pursue and complete doctoral and post-doctoral work and to attend national/international conferences and seminars
- They are granted leave on duty for presenting papers in Seminars and Conferences.
- The College pays the registration fee and part of the travel costs for the same.
- Teachers/departments are encouraged to conduct seminars, conferences and workshops.
- Central Research Facility has been set up for the science departments.
- Teachers are encouraged to undertake major and minor research projects from UGC/CSIR/DST and publish papers in research journals.
- Subscription to research journals, both print and online

6.3.5 Library, ICT and physical infrastructure / instrumentation

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	157771	2,66,02,670.00	2223	10,13,575.00	159994	2,76,16,245.00
Reference Books	3131	16,38,452.00	57	63,255.00	3188	17,01,707.00
e-Books	--	--	--	--	--	--
Journals	101	1,45,730.00	14	12,700.00	115	1,58,430.00
e-Journals	18	48,848.00	--	--	18	48,848.00
Digital Database	1	5,725.00	--	--	1	5,725.00
CD & Video	--	--	--	--	--	--
Others (specify)	--	--	--	--	--	--

- Additional books worth Rs. 671563 were spent on purchase of new books.
- Additional equipments and chemicals accounting for Rs. 1837496 were added to the labs.
- Rs. 6894474 were spent on campus maintenance.
- RS. 1754407 were spent on extracurricular activities.
- Rs. 105706 was spent on library maintenance

Other services

- Internet connectivity was improved.
 - Rs.6,007,500 was spent on the purchase of new computers and laptops
 - Router worth Rs. 689,000 was added for extension of wifi
 - Rs. 786,520 was spent on annual Internet maintenance
 - New UPS worth Rs. 268,600 was installed.
 - Rs 2,490,353 was spent on furniture and fixture

6.3.6 Human Resource Management

- The college follows the eligibility criteria laid down by UGC and adopted by the State government in the process of recruitment of teachers, while safeguarding the minority rights.
- Reservation policy, as laid down by government of Jharkhand, is applicable in admissions.
- The college never compromises with merit, expertise and quality.
- The college maintains a healthy professional environment.
- Earned leave is given to the faculty who are deployed during vacations.
- The Principal is always available to discuss the problems of staff.

6.3.7 Faculty and Staff recruitment

- The college follows the eligibility criteria laid down by UGC and adopted by the State government in the process of recruitment of teachers, while safeguarding the minority rights
- The college appoints teaching and non teaching staff in addition to sanctioned strength to meet institutional requirements for better services.
- The college has sanctioned faculty strength of 101 plus 01 principal.
- Some sanctioned posts are vacant in those subjects which are not in demand by students. An application is pending with the government for the rationalization of posts so that the vacant posts may be shifted to those courses where the demand is higher.
- Vacant positions were filled by appointing new faculty on substantive posts after the retirement of teachers.
- The college also creates management posts and appoints faculty as per eligibility criteria laid down by UGC and adopted by the State government
- In order to meet the demand for self-financed courses, 6 new staff members were recruited by the management after advertisement and interviews.
- Peons and clerks were also appointed to take care of the increased work load.
- Examination section added with more staff members

6.3.8 Industry Interaction / Collaboration

02 new collaborations or linkages were established this year

6.3.9 Admission of Students

- 14150 students applied for 3200 UG seats and 852 students applied for 480 PG seats in the College.
- Admission was given to 2829 students in UG courses and 370 students in PG courses as per the existing rules for admission prescribed by the Government of Jharkhand.
- Students have to submit forms online. They are selected on the basis of an MCQ entrance test. Some departments opt for a subjective exam and interview based selection in addition to the MCQ exam.
- The entire process functions on a centralized data-base management system.

6.4 Welfare schemes for

Teaching	Medical Insurance Scheme in which the college contributes 50% of the premium amount while the rest is borne by the faculty. Group Insurance Scheme for the employees of the college.
Non teaching	ESIC Interest free loans are given for non teaching staff whenever emergency arises.
Students	Clinic and Doctor on Campus

6.5 Total corpus fund generated

4,247,000

6.6 Whether annual financial audit has been done Yes ☒ No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		No	
Administrative	No		No	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☐ No ☒

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- The College introduced, dummy coding of scripts before it is sent for evaluation
- All answer sheet are barcoded and, masking of answer sheets is done to maintain anonymity of candidates
- Gracing in the examination: Students are entitled to 01 grace mark per semester if they happen to fail by that margin. The Examination board is vested with the power to award 01 grace mark to the affected student
- Students are allowed to apply for Scrutiny if they are dissatisfied with their marks. They have to pay a nominal fee for the same.
- Students can be promoted conditionally, with carry papers, provided they clear at least 50% of core and 50 % of Subsidiary Elective papers completed up to that semester.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- The parent university has always been supportive towards autonomous colleges.
- It sends its representatives to various administrative and academic bodies.
- All the students are registered under Ranchi University.
- The Vice chancellor signs on all the degrees of the students of the college.
- Students opting for higher courses in Ranchi University are not required to re-register under Ranchi University.

6.11 Activities and support from the Alumni Association

- Alumni meet in the month of December every year.
- Tree Plantation Projects undertaken.
- Participation in college events

6.12 Activities and support from the Parent – Teacher Association

There is no established Parent –Teacher association in the College.

6.13 Development programmes for support staff

Computer awareness programme was conducted for support staff during the current year.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- More trees have been planted on campus
- Waste boxes were installed in the campus
- Rain water management and harvesting initiatives have been taken
- In house nursery for nurturing plants
- The ambience of the college is improved with the placing of flower pots at numerous places.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- All the students are required to earn 01 non academic credit every year by engaging themselves in extension and outreach activities or social work as part of the curriculum which is in accordance with Institutional Social Responsibility.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

As per 2.15

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- All the students are required to earn 01 non academic credit every year by engaging themselves in extension and outreach activities or social work as part of the curriculum which is in accordance with Institutional Social Responsibility.
- Continuous Internal Assessment system which includes Assignments, projects and training programmes in accordance with Skill Enhancement Course (wherever applicable) has been implemented

7.4 Contribution to environmental awareness / protection

- More trees have been planted on campus
- Waste boxes were installed in the campus
- Rain water management and harvesting initiatives have been taken
- In house nursery for nurturing plants
- Students of Sem VI (2012-2015) participated in the camp for Bird Lovers organized by Forest Dept., Jharkhand on 28th January, 2015 at Van Bhawan, Doranda, Ranchi.
- Plantation was done at Ascot International School, Harmu, Ranchi on 1^{7th} July, 2015 by the students of Dept. of Zoology and NCC of St. Xavier's College.
- A Plantation drive was carried out at Bangla School, Ranchi on 16th August, 2015.
- Plantation drive was carried out at St. Margaret School on 23rd August, 2015 by the students of Dept. of Zoology.

7.5 Whether environmental audit was conducted?

Yes

☐

No

☒

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths

Communication network is good

Circular relationship among staff members as well as students.

The campus is very clean and green.

There is harmony between staff and students

Extracurricular activities and Sports events are conducted regularly for all round and holistic development of the students.

Good canteen facilities. There are four small and large canteens to cater to the needs of all students.

High academic standards are maintained to foster global competencies in the students.

Spirit of national integration is instilled by organizing events such as Patriotic Song Competition.

Weakness

The college does not provide financial assistance to students or research grants to faculty.

Restricted timings of library usage.

Sense of ownership needs to be nurtured further

Culture of appreciation need to be developed

Caring for 'not so good/ off the track' students and staff need to be done.

Opportunities

Need to improve and fine tune student support systems

Need to focus on more collaborative way of organizing activities

Need to improve student – teacher ratio

Alumni association needs to be strengthened

Need to improve campus security

Developing more cooperation and familiarity

Threats

Lack of motivation amongst Faculty due to absence of promotional policies by the Department of Higher and Technical Education, Jharkhand.

Absence of service conditions for Staff appointed by Management.

Lack of library usage

Lack of follow up and action taken

8. Plans of institution for next year

- To construct a state of the art gym in the campus.
- To construct an additional canteen, recreational facility for students and guest rooms for outstation visitors.
- To improve existing computer and lab facilities.
- To implement CBCS as per UGC guidelines.

Name Dr. Harishwar Dayal

Name Rev Fr. Dr. Nicholas Tete sj

✓ 



Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

St Xavier's College (Autonomous)
Academic Calendar 2015-16

St. Xavier's College (Autonomous)
Proposed Academic Calendar
2014 – 2015

July 01 - 10: Admission Process for First Semester for U.G and P.G / Regular classes for rest of the semesters.

July 14 – Aug 23: Inter Class Football Tournament.

July 31: Feast of St. Ignatius of Loyala.

Aug 15: Independence Day Celebration.

Sept 08 – 12: CIA 1 for U.G (For Semester I, III, V)

Sept 18 – 21: CIA 1 for P.G (For Semester I, III)

Nov 07 – 14: Inter Class Volley-Ball Tournament.

Nov 17 – 22: Inter Class Hockey Tournament.

Nov 27 – Dec 02: Hons. Practical Exam for Semester I, III, V.

Dec 03: Feast of St. Francis Xavier.

Dec 05 – 22: End Semester Examination for U.G and P.G.

Dec 23: Christmas Mass for Students.

Jan 12 – 24: Annual Sports.

Jan 26: Republic Day Celebration.

Jan 31: Graduation Ceremony, College Day.

Feb 01 – 03: College Fest.

Feb 02 – 28: Inter Class Cricket Tournament.

March 09 – 13: CIA 2 for U.G (For Semester II, IV, VI)

March 16 – 19: CIA 2 for P.G (For Semester II, IV)

March 23 – 28: Table Tennis Tournament.

April 13 – 18: Inter Class Kabaddi Tournament.

May 01 –31: End Semester Examination for U.G and P.G.

College Holidays

25th July: Last Friday of Ramzan.

29th – 30th July: Eid-UI-Fitar.

31st July: Feast of St. Ignatius of Loyala.

04th August: Last Monday of Sawan.

15th August: Independence Day.

18th August: Shri Krishna Janmastami.

05th – 06th Sept: Karma Puja.

25th Sept: KalashSthapna.

29th Sept – 30th Oct: Durga Puja, Gandhi Jayanti, Id-UI-Zuha, MurmaMela, Depawali, BhaiyaDuj and Chatt Puja.

04th Nov: Muharram.

06th Nov: GurunanakJayanti.

15th Nov: BirsaJayanti, Jharkhand SthapanaDiwas.

03rd Dec: Feast of St. Francis Xavier.

13th Dec: Chehallum.

24th Dec – 01st Jan: Christmas and Winter Holidays.

14th – 15th Jan: MakarSankranti, and TusuParab.

23rd Jan: NetajiSubhash Chandra Bose Jayanti.

26th Jan: Republic Day.

13th Feb: BasantPanchami.

22nd Feb: Ravi Das Jayanti.

7th March: Mahasiviratri.

04th – 09th March: Holi.

23rd – 24th March: Sarhul.

28th March: Rammavami.

02nd – 06th April: Mahavir Jayanti, Good Friday and Easter Monday.

14th April: Ambedkar Jayanti.

19th April: Mahavir Jayanti.

21th April: Birth of Hazrat Ali.

23rd April: Vir Kunwar Singh Jayanti.

01st – 30th June: Summer Vacation.

I. ACHIEVEMENTS OF THE FACULTY

I. PARTICIPATION IN INTERNATIONAL SEMINAR /CONFERENCE /WORKSHOP

Dr. S.N. Tiwary, Dept. of Physics:

1. Participated in 'Preparatory Workshop for the Experimental Component of the 46th International Physics Olympiad 2015 in order to be trained to work as academic resource person during May 18-29, 2015 held at HomiBhabha Centre for Science Education TIFR Mumbai.

Dr. Ajay Srivastava, Dept. of Botany:

2. Participated paper in the International Conference on Environment and Ecology held on March 2 to 4, 2015, Kolkata. He also presented paper on 'Effect of Pesticides (Malathion) and Factory Effluent on Plant Dry Weight and Number of Pods per plant on soybean'.

Dr. Madhulika Singh, Dept. of Botany:

3. Participated paper in the International Conference on Environment and Ecology held on March 2 to 4, 2015, Kolkata. She also presented paper on 'Effect of Pesticides (Malathion) and Factory Effluent on Plant Dry Weight and Number of Pods per plant on soybean'.

Dr. N. VenkatAppa Rao, Dept. of Zoology:

4. Participated in International Symposium on Reproductive Biology and Comparative Endocrinology at Dept. of Zoology, Centre of Advanced Study Banaras Hindu University, Varanasi from February 25 to 27, 2015. He also presented paper on 'Occurrence of Secretin like immunoreactivity in the intestine of a skipper frog Euplyctis'.

Dr. Ritesh Shukla, Dept. of Zoology:

5. Participated in International Symposium on Reproductive Biology and Comparative Endocrinology at Dept. of Zoology, Centre of Advanced Study Banaras Hindu University, Varanasi from February 25 to 27, 2015. He also presented paper on 'Occurrence of Gastrin immunoreactivity in the intestine of an agastric fish Lepidocephalus guntea'.

Dr. N. VenkatAppa Rao, Dept. of Zoology:

6. Presented a paper in international symposium on Reproductive biology and Comparative endocrinology, at BHU, Varanasi. On the topic entitled" Occurrence of Secretin like immunoreactivity in the intestine of a skipper frog *Euphlyctiscyanophlyctis* (Schneider) Anura; Ranidae.
7. Presented a paper in international symposium on Reproductive biology and Comparative endocrinology, at BHU, Varanasi. On the topic entitled" Occurrence of Gastrin immunoreactivity in the intestine of an agastric fish *Lepidocephalusguntea* (Hamilton) Cypriniformes: Cobitidae.

Dr. Ritesh Kr. Shukla, Dept. of Zoology:

8. Presented a paper in international symposium on Reproductive biology and Comparative endocrinology, at BHU, Varanasi. On the topic entitled" Occurrence of Gastrin immunoreactivity in the intestine of an agastric fish *Lepidocephalusguntea* (Hamilton) Cypriniformes: Cobitidae.
9. Presented a paper in international symposium on Reproductive biology and Comparative endocrinology, at BHU, Varanasi. On the topic entitled" Occurrence of Secretin like immunoreactivity in the intestine of a skipper frog *Euphlyctiscyanophlyctis* (Schneider) Anura; Ranidae.

Dr. Shiv Kumar, Dept. of Geography:

10. Presented a paper entitled –**Rural Markets: Pivot of Rural Tourism in Jharkhand** presented in International Conference on Tourism, Environment and Development held at University Deptt. of Geography, Magadh University, Bodh Gaya (Bihar), 26th - 28th Feb, 2015.

Dr. Sumita Roy, Dept. of Commerce:

11. Participated and Presented paper titled, 'Securing Environment Through Carbon Trading' in **IX International Conference on Finance and Business Management(ICFBM-14)** Organised by University Department Of Commerce and Business Management, Ranchi University, Ranchi, in association with Society OF technical And Management Professionals (STMP), New Delhi, India on **July 11th & 12th 2014.**

Prof. Abhijit Dey, Department of BBA:

12. Participated and presented a research paper on "Enablers and Effects of Product Bundling: A micro level Case study" at IX International Conference on Finance and Business Management (ICBFM – 14) and got the Best Paper Award.

II. PARTICIPATION IN NATIONAL/STATE LEVEL SEMINAR/ CONFERENCE/ WORKSHOP

Shri. Sanjay Sinha, Dept. of History:

1. Participated in National Seminar on Language and Culture of Sangam Age and its impact on Indigenous-tribal communities in India – 31st march to 2nd April 2015 organized by the Central Institute of Classical Tamil (an autonomous organization of HRD, Govt. of India) Chennai and Central University of Jharkhand and presented a paper entitled – 'The Oraon Tribe : A Branch of Dravidian Society.

Shiv Shankar Prasad, Dept. of Biotechnology:

2. Participated in National Conference on 'Material Science for Energy Harvesting (MSEH)' organized by Dept. of Physics, Jubilee College, Bhurkunda, Ramgarh, on January 8-9, 2015. He also presented paper entitled 'Decolonization of Potential of Newly Isolated Strain Enterobacter Colacae'.

Prof. Shakil Anwar Siddique, Dept of Commerce Vocational & Management Studies:

3. Participated in National Seminar on "Management Education in India Challenges and Opportunities" Organized by Institute of Management Studies, Ranchi University, Ranchi on 30th April 2015.
4. Participated in Seminar on "Leadership" Organized by Institute of Management Studies, Ranchi University, Ranchi on 17th & 18th March 2015.

Dr. Swadha Prakash, Dept. of Education:

5. Conducted Workshop Session of teachers in DAV Pundag, Ranchi on 10/06/2015, regarding Lesson Planning and Evaluation.
6. Prepared Self Learning Course Material for the Third Unit of VIth Paper (Pedagogy of English) for two year B.Ed. Programme of Nalanda Open University, with reference number Nov/BEd/SLM/727.

Dr. Ravi Shankar Sahay, Dept. of History:

7. Participated in the Seventy Fifth Session of the Indian History Congress at Jawaharlal Nehru University, New Delhi, 28-30 December, 2014 and presented a paper entitled "JaniShikar (Hunting by Women): A Study in Environmental History of 21st Century Jharkhand in Section VI: Contemporary India.

Shri. Shishir Choudhary, Dept. of Economics:

8. Participated in a Seminar on "Chotanagpur Tenancy Act" in August, 2014, organized by National University for Study and Research in Law (NUSRL), Ranchi.

Dr. Marcus Barla, Dept. of Economics:

9. Participated a paper at the 56th Annual Conference of the Indian Society of Labour Economics (ISLE) organized by the Department of Management, Birla Institute of Technology, Mesra, Ranchi and Institute for Human Development, Eastern Regional Centre, Ranchi from 18-20 December 2014.
10. Attended the Training Course for Young Scholars on Project Proposal Writing, Drafting of Research Reports/Papers and Presentation Skills held at Ranchi during 21-23 December, 2014. The Training Course was organized by Institute for Human Development, Eastern Regional Centre, Ranchi.

Dr. Shiv Kumar, Dept. of Geography:

11. Presented paper titled – Human Development Index: Encapsulation of Indicators of Well Being of Jharkhand in National Social Science Researchers' Colloquium on Researching the Contemporary India held at Developing Countries Research Centre (DCRC), University of Delhi, Delhi from 16th-17th April, 2015.

Dr. Ushir Ranjan Sen, Dept. of Chemistry:

12. Participated in the National Seminar on Material Science For Energy Harvesting, held at Jubilee College, Bhurkunda on January 8-9, 2015. He also presented paper on 'Energy harvesting –An elementary overview and its avenues'.

Shri S.K. Pandey, Dept. of Chemistry:

13. Participated in the National Conference on Material Science For Energy Harvesting, held at Jubilee College, Bhurkunda on January 8-9, 2015. He also presented paper on 'Synthesis of glycopolymers by Atom Transfer Radical Polymerisation: An Overview'.

Mr. Manoj Kumar Singh, Dept. of Mathematics:

14. Participated in 80th annual conference of India Mathematical Society at I.S.M. Dhanbad, Jharkhand from 27.12.2014 to 30.12.2014.

Mr. Vijay Kr. Mehta, Dept. of Mathematics:

15. Participated in 80th annual conference of Indian Mathematical Society at I.S.M. Dhanbad, Jharkhand from 27.12.2014 to 30.12.2014.

Dr. Ajay Kr. Srivastava, Dept. of Botany:

16. Participated and presented a paper Oral in 37th All India Botanical Conference of Indian Botanical Society and National Symposium on Biodiversity & Climate change held at KET's V.G.Vaze College, Mulund (East) Mumbai 400081 from 7th to 9th November, 2014.
17. 37TH Annual Conf. IBS, Mumbai, Nov 14, presented a scientific paper "EFFECT OF SCHLEICHERA OLEOSA (LOUR.) OKEN. OIL ON THE GROWTH OF TEN SELECTED KUSUM SEED PATHOGENS" in the 37th annual Conference of Indian Botanical Society held in Mumbai on 7th-9th Nov. 2014.

Dr. Sanjay Kumar Ghosh, Dept. of Commerce:

18. Participated and presented paper on Corporate Social Responsibility at 67th All India Commerce Conference at Bhubaneswar on 27th to 29th December 2014.

Prof. Narendra Singh, Dept. of Commerce:

19. Participated and presented paper on Corporate Social Responsibility at 67th All India Commerce Conference at Bhubaneswar on 27th to 29th December 2014.

Dr. Anirban Gupta, Dept. of Commerce:

20. Participated and presented paper on Corporate Social Responsibility at 67th All India Commerce Conference at Bhubaneswar on 27th to 29th December 2014.

Mr. Shiv Shankar Prasad, Dept. of Biotechnology:

21. Oral presentation on National Conference “**Material Science for Energy Harvesting(MSEH-2015)**” at Jubilee College, Bhurkunda from 08 and 09 January, 2015.

Dr. Swadha Prakash, Department of B.Ed.:

22. Participated and presented paper in University Grants Commission sponsored National Seminar organized by Patna Training College in collaboration with Suryasthali Human Welfare Society, Patna on 19th -20th October, 2014. Title of the Paper “Revival of Govt. School Administration : First Precondition to Ensure Successful CSS”.

Ramesh Kumar, Dept. of Library:

23. Participated in Three days Training Programme on ‘Bibliometrics and Research Output Analysis’ at Information and Library Network(INFLIBNET) Centre, Gandhinagar, Gujarat from January 7-9, 2015.

III. PARTICIPATION IN UGC SPONSORED ORIENTATION PROGRAMME

1. Ms. Seema Rani Minz, Dept. of ELL successfully completed the Orientation Programme held by Academic Staff College, Ranchi University in November, 2014.
2. Ms. Janet Ekka, Dept. of BBA successfully completed the 80th Orientation Program conducted by Academic Staff College, Ranchi with Grade ‘A’.

IV. PARTICIPATION IN UGC SPONSORED REFRESHER COURSE

Dr. Julius Aind, Dept. of Commerce:

1. Participated in UGC sponsored Refresher Course in 'Disaster Management (Inter Disciplinary)' at UGC-Human Resource Development Centre, Ranchi University, Ranchi from 10.03.2015 to 30.03.2015 and obtained Grade 'A'.

Dr. Shiv Kumar, Dept. of Geography:

2. Participated in UGC sponsored Refresher Course in Environmental Studies at UGC-Academic Staff College, Ranchi University, Ranchi from 27th Aug - 16th Sept 2014 and obtained Grade 'A'.

IV. PARTICIPATION IN SHORT TERM COURSE/SPECIAL SUMMER / WINTER COURSE (Refresher)

Dr. Shreeman N. Tiwary, Dept. of Physics:

1. Participated in Short Term Course on Advances in New and Renewable Energy Materials & Technology funded by Ministry of New & Renewable Energy, Govt. of India, Delhi from March 23 to 27, 2015 organized Department of Applied Physics, Indian School of Mines, Dhanbad.

Shri. Abhijit Dey, Dept. of BBA:

2. Participated in Special Summer School, 2015 from 18.05.2015 to 07.06.2015 at UG Human Resource Development Centre, Ranchi University, Ranchi.

Shri Kamaldeep, Dept. of Computer Application:

3. Participated in Special Summer School, 2015 from 18.05.2015 to 07.06.2015 at UG Human Resource Development Centre, Ranchi University, Ranchi.

V. RESEARCH ARTICLES/BOOKS PUBLISHED/REVIEW

Dr. Dhiraj M. Pathak, Dept. of Economics:

1. An Analysis of Fiscal Performance and Debt Sustainability of Jharkhand since its Inception' in Asian Resonance (ISSN No. 0976-8602), Vol. IV, Issue II, April, 2015.

Dr. Ajay Kr. Srivastava, Dept. of Botany:

4. A Comparison of Protein Extraction Methods Using Organic Solvents for Secretome of *Aspergillus fumigatus* Strain (MTCC 1811) by Sanyukta Kumar and AK Srivastava. Published in IJSR - INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH Volume : 4 | Issue : 6 | June 2015 • ISSN No 2277 – 8179.

Dr. Madhulika Singh, Dept. of Botany:

6. Title 'Effect of Malathion And An Effluent On Plant Dry Weight And The Number Of Pods Per Plant In Two Soybean (*Glycine max*) published in Vol.04 Issue 5 May 2015 in Paripex – Indian Journal of Research.
7. Title 'Effect Of Herbicides (Lasso And Basalin) On Plant Dry Weight And Number Of Pods Per Plant On Soybean (*Glycine max*) Online Studies plinary Research Journal.

Dr. N. VenkatAppa Rao, Dept. of Zoology:

10. Immunohistochemical Localization of Gastrin Cells (G-Cells) in the Alimentary Canal of a Skipper Frog, *Euphlyctiscyanophlyctis*, Schiedner, (Anura; Ranidae). In: Proceedings of the Zoological Society, June 2015, Volume 68, Issue 1, pp 45-51.

Dr. Ritesh Kr. Shukla, Dept. of Zoology:

11. Immunohistochemical Localization of Gastrin Cells (G-Cells) in the Alimentary Canal of a Skipper Frog, *Euphlyctiscyanophlyctis*, Schiedner, (Anura; Ranidae) In: Proceedings of the Zoological Society, June 2015, Volume 68, Issue 1, pp 45-51.

Mrs. Sanyukta, Dept. of Biotechnology:

20. Kumar, S. Srivastava, A. 2015. A Comparison of Protein Extraction Methods Using Organic Solvents for Secretome of *Aspergillus fumigatus* Strain (MTCC 1811). international journal of scientific research. June Volume : 4 , Issue : 6 .708-709.

Mrs. Juhi J. R. Horo, Dept. of English:

21. Published 3 articles: 'The Sheep and Wolves' – Translation of a short story (Quest, Dec 14); 2 articles in Journal for Social Development.

Dr. Sumana Ghosh, Dept. of English:

22. Published one article in the Quest (December Issue 2014) titled 'Nisim Ezekiel's Night of the Scorpion: A critical analysis.

Dr. Shiv Kumar, Dept. of Geography:

23. Book titled '>kj[k.MdklkekU; Hkwxksy' [General Geography of Jharkhand] published (2015), S. S. Publishers, Ranchi. Pages 252, [ISBN 978-81-927824-0-9]

Dr. Ajay Kumar Srivastava, Dept. of Botany:

24. "Effect of *Schleichera oleosa* (Lour) Oken, (Kusum) oil cake on the growth of ten selected storage fungi growing on the seeds of Kusum." Was published in Multidisciplinary Scientific Reviewer | Monthly | Volume-I | Issue-II | Sept 2014. <http://oiirj.org/oiirj/msr/> ISSN 2393-9893
25. The Question of Missing Water and Carbon Di Oxide on Mars. Was published in International Multidisciplinary e-Journal/Author : 68-70. www.shreeprakashan.com Vol-III, Issue-X, Oct-2014.

Dr. Sandeep Kumar, Dept. of Commerce:

26. His article titled "Social media branding and brand image development – concept and cases", **International Journal of Research in Management & Social Studies**, Vol. 2 issue 3(II) , page no. 68-72, July- Sep. 2014, ISSN – 2232-0899.

Mrs. Anupama Bhargava, Dept. of Education:

27. Attitude of Student Teachers Towards Teaching Profession published in Turkish online journal of Distance Education- TOJDE July 2014, ISSN 1302-6488 Vol. 15 numbers 3 Article 3.

Dr. Ms. Swadha Prakash, Dept. of Education:

28. Paper published in Journal of Educational Research ISSN No. 2321-4996, vol.2, no.1 July-August 2014. Title: Analyzing the Perspectives of Inclusive Education in India.

VI. PARTICIPATED AS RESOURCE PERSON

Dr. Ajay Kr. Srivastava, Dept. of Botany:

1. IICM, delivered an invited lecture on “Interlinking of Indian River Basins: Conserving the flood waters” on 06.06.2015 to engineers of Coal India Limited.

Dr. Anupama Bhargava, Dept. of Education:

2. Conducted two sessions as the Resource person on the topic “Innovations in examination” and “Guidance and Counseling” respectively on 25th and 26th May 2015 in the Workshop of the B.Ed. Course conducted by IGNOU.

Dr. Nandita Das, Dept. of Education:

3. Conducted two sessions as the Resource person on the topic “Developing Group Project Plan” and “Guidance and Counseling” respectively on 25th and 26th May 2015 in the Workshop of the B.Ed. Course conducted by IGNOU.

Dr. Swadha Prakash, Dept. of Education:

4. Participated in workshop being conducted by DAV CAE, Regional Centre under aegis of DAV CAE, DAV CMC, New Delhi at DAV Public School Pundag, Ranchi on 9.6.2015 at a Resource person.

Dr. Kamal Kr. Bose, Dept. of Hindi:

5. Co-ordinator, Refresher Course, Academic Staff College, Ranchi University, Ranchi from 29.8.2014 to 18.9.2014.

6. Orientation Programme, Academic Staff College, Ranchi University, Ranchi on 4.8.2014.
7. Hindi Workshop, Central Tasar Research Training Institute, NASRI on 21.7.2014.
8. Hindi Workshop, FCI on 8.9.2014.
9. Hindi Workshop, MSME, Ranchi on 25.9.2014.

Dr Ajay Kumar Srivastava:

10. Delivered lecture to the biology teachers of DAV group at DAV Dugda on “How to make the Studies of Lower Plants interesting!”

VII. RESEARCH GUIDE: Ph.D SUPERVISION

Dr. Shiv Kumar, Dept. of Geography:

1. Supervising Angeline P. Toppo for her Ph. D. topic “Rural - Urban Migration: A Case Study of Ranchi”.
2. Supervising Madumita Minz for her Ph. D. topic “Functions of Urban Fringe of Ranchi City”.
3. Supervising Dinesh Murmu for his Ph. D. topic “Deogharjila me Santhal janjatiyo par nagrikaran ka prabhav”.
4. Supervising Elizabeth Lakra for her Ph. D. topic “Environmental Issues and Decadal Developmental Dynamics of Ranchi District

Dr Ajay Kumar Srivastava, Dept. of Botany:

5. Fr PK Soreng s.j. (viva voce completed on 27 01 2015 notification awaited).
6. Ms.Sanyukta- in progress
7. Ms.Preety Prasad- in progress

Dr. G. Jha, Department of Commerce:

Research Scholar Jui Banerjee has submitted Ph.D. thesis under his supervision.

Dr. Sanjay Kumar, Dept. of Commerce:

Supervising Shri Lalit Sharma for his Ph.D. Thesis on the topic “ An appraisal of the implementation of MNREGA in Jharkhand in the light of creation of durable assets- A case study of Mandar and Kanke Blocks of Ranchi District” to be submitted in 2015.

VIII. PH.D. AWARDED

Fr. Prabhat Kennedy Soreng:

1. Was awarded Doctor of Philosophy on February 2, 2015, by Ranchi University, Ranchi. Topic of his thesis ‘Cultivation of some wild edible mushrooms growing in Jharkhand’.

Dr. V. K. Pandey, Dept. of Economics:

2. Was awarded Doctor of Philosophy on September 12, 2014, under the supervision of Prof. B.N. Singh, Ex-HOD, Dept. of Economics, Magadh University, Bihar. The Topic of his research was ‘Socio-economic Implications of MNREGA: A Case Study of two Blocks of Palamu District, Jharkhand’.

Mr. Alok Prabhat, Dept. of Hindi,

was awarded Doctor of Philosophy on 03.11.2014 by Ranchi University, Ranchi. Topic of his thesis – ‘fujkyk dh dforkvksaesabZ’kn’kZu’.

IX. OTHER ACTIVITIES:

1. Mrs. Juhi J. R. Horo, Dept. of English: worked on a UGC sponsored project for MHR, Govt. of India.

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
