Nirmala College

Doranda, Ranchi, Jharkhand
Affiliated to Ranchi University, Ranchi
College With Potential for Excellence
Accredited by NAAC with Grade 'B'

Self Study Report

Submitted to
NATIONAL ASSESSMENT & ACCREDITATION COUNCIL, BANGALORE FOR RE-ASSESSMENT

March 2017

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Committees

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Dr. Indu Kumari   Dr. Afrinul Haque Khan

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Dr. Nandini Choudhary	Dr. Perween Zahra
Dr. Indu Kumari	Dr. Manisha Kumari
Ms. Vinita Sinha	Ms. Ayesha Ahmad

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Dr. Debjani Roy **(Incharge)**

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Dr. Jyoti Prasad

Dr. Emma Seraphim

Dr. Afrinul Haque Khan

Compilation & Technical Support

Dr. Indu Kumari **(Incharge)**

Mr. Lalan Singh

Mr. Navendra Jha

Mr. Santosh Dang

PREFACE

**"Made weak by Time and Fate; but strong in will
To seek, to strive, to find but not to yield."**

These inspirational words of Lord Tennyson has had a profound influence on the entire Nirmala fraternity who have put in their best efforts and abilities, to prepare and submit the NAAC Re assessment report of the college after the 2nd round of our Accreditation in 9-11th February 2015. The NAAC Report has been prepared with utmost honesty and sincerity as per the norms set by NAAC. It is noteworthy that the SSR is the fruit of collaborative efforts of all the stakeholders, particularly the staff who have spared no efforts to give their best to complete and to scrutinize the relevant data so as to make the SSR as factual as possible and reflect the goals, mission, vision and achievements of the institution. The Reassessment Report reflects our post accreditation efforts in scaling new heights and achieving excellence and success in various fields. The multifaceted achievements of our students, recorded in our report bear testimony to our consistent and unwavering commitment and persistent endeavors in imparting the right skills, right knowledge and igniting the latent potentialities that lie dormant in the young minds.

Together with the Management, Principal, Staff, Supporting Staff and the stakeholders, the whole process of preparing and submitting the Reassessment report of our esteemed college has been initiated. I am sure, our collaborative efforts will yield encouraging outcomes. At first, I would like to express my thanks to the Head of our Institution and Principal, Dr. Sr. Jyoti Kispotta who reposed faith in me and entrusted me the work of preparing the SSR. I am deeply indebted to her for her unfailing support, co-operation, guidance, inter-personal interactions, / suggestions, plan of actions during the entire period of preparation of the report. My sincere thanks to all the IQAC members – Dr. Jyoti Prasad, H.O.D. Psychology, Dr. Debjani Roy, H.O.D.Geography, Dr. Emma Seraphim, H.O.D. Zoology, Dr. Afrinul Haque Khan, H.O.D, English, Dr. Indu Kumari, Asst. Prof. Department of Botany, for their invaluable services, relentless efforts and whole hearted co-operation in completion of this valuable document. They have indeed been pillars of support and strength for me. Our collective efforts, endeavors and team spirit is sure to yield the desired results. I am also grateful to our Vice Principal, Sr. Shobha and all our supporting office staff, library, non-teaching staff who have helped us directly and indirectly, in providing valuable inputs and relevant data into our report.

Nirmala College, a premier institution of higher education in the state of Jharkhand is situated in the heart of the capital city, Ranchi. Ever since its inception in 1969, it has been striving towards enhancing and enlarging the sphere of learning and knowledge of the students of this tribal belt. With quality as its hallmark, its motto is 'ONE HEART, ONE MIND". The college endeavours to create a healthy atmosphere where equal opportunities of learning and education are provided to all the students, irrespective of their class, caste or community. Coupled with this, the institution aims at grooming and empowering young girls, so as to make them intellectually competent, spiritually mature, morally upright, psychologically integrated, socially accepted as good citizens and good human beings. We have strived hard to utilize the potency of the institution to its fullest extent and this has borne fruit in all spheres of our individual and collective efforts. It is a matter of great pride that our college was
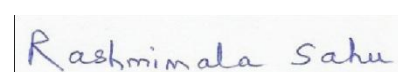
awarded with the CPE status in 22.07.2016 and is also one among the thirty colleges of Jharkhand to receive funding for infrastructural development under RUSA in 2015. Our aim is to transcend beyond the narrow confines of academic education and embrace the contemporary dimensions of education in totality. In the modern age of globalization, where "Knowledge is Power", we seek to instill the right values, right knowledge and right skills, so as to make the students globally competent. It has been rightly quoted by A.P.J.Abdul Kalam,

'When learning is purposeful, creativity blossoms,

When creativity blossoms, thinking emanates,

When thinking emanates, knowledge is fully lit

When knowledge is lit, economy flourishes.'

Education is an endless journey through knowledge and enlightment.By imparting quality education and ensuring continuous quality enhancement, Nirmala College is sure to achieve new milestones in the years to come. Success is a journey…..not a destination. I hope, Nirmala College, through the combined efforts of the Management, Principal, Teaching and non teaching staff will pave the way for the students to continue their journey forward with new thoughts, new hopes, and new aspirations.

Looking forward to welcome the members of the Peer Team for Reassessment of our institution and waiting eagerly for positive and fruitful results of our efforts, so that our pursuit of excellence continues unhindered and we march forward with redoubled vigour and enthusiasm in all our future endeavours.

Warm regards

Dr. Rashmimala Sahu,
Co-ordinator, IQAC
NAAC, Self Study Report.

Principal's Message

We, the Management, Staff and Students, with great enthusiasm, have initiated the whole process of preparing and submitting the Self-Study Report (SSR) of our well known and esteemed institution of higher learning, especially for women, Nirmala College, of Arts, Science and Commerce, Ranchi, Jharkhand, to the National Assessment and Accreditation Council (NAAC), Banglore, for Reassessment after the 2nd round of our Accreditation in March 2015.

It is commendable that SSR is the outcome of the collaborative efforts of the staff, who, whole heartedly committed themselves in collection, preparation and scrutinization of relevant data and meticulously compiled them with great care to make the SSR as factual as possible and present a realistic picture of Nirmala College, Ranchi, to the evaluators.

I am sure this systematic and meticulous exercise will give us the opportunity to look back to the past and look forward to venture into the future, with hope to excel in the education of young women, who are entrusted to our care.

Bearing witness to anything unseen/unknown, needs daring step and daring faith; daring faith in God and in people around us. With this conviction, we look forward to a successful and an encouraging outcome after our Reassessment visit.

Dr. Sr. Jyoti Kispotta
Principal
Nirmala College,
Ranchi.

Executive Summary

Nirmala College, a reputed and premier institution of higher learning in the state of Jharkhand is situated in the capital city, Ranchi. Established in 1969, it has completed 47 years of glorious existence. With quality as its hallmark, the college has made significant contribution in enhancing and widening the sphere of learning and knowledge of the students, especially in the field of empowering the tribal girls. Our motto, 'COR UNUM ANIMA UNA', meaning "One heart, One mind" reiterates our belief and our mission in imparting quality education and quality sustenance.

SUMMARY OF CRITERION - I

The vision which inspired the founding sisters of the College has been sustained in the mission that grooms young women into proactive citizens of today. Motivated and supported by the management, faculty and all the stakeholders of the institution, the young learners achieve the level of learning which they desire. Examinations, written and oral, remedial classes, brainstorming session as well as career counseling sessions help the students to achieve their objectives. The faculty regularly interacts with their University counter parts to update the curriculum and upgrade the syllabus. Apart from formal learning in the classrooms, the college imparts ethical value education to its students. The NSS wing of the College reflects the essence of its integral approach to character building. Feedback from students, teachers, parents, employers and members of the alumni guide the faculty and the institution for quality enhancement of the college.

SUMMARY OF CRITERION - II

Nirmala College strives for academic excellence and overall personality development of its students, taking even the economically, socially, culturally and academically marginalised into its fold. Faculty and students try to make teaching, learning and evaluation a smooth process by interacting in class directly or through the help of ICT. Student centric learning, transparency in admission and evaluation has enabled us to ensure their all round development. Exposure given to students through co-curricular activities, involvement in organising activities round the year and dedication of qualified faculty has enabled us to achieve it. Support and co-operation in every sphere of academic life has helped the students to their best. We are moving ahead with the updated knowledge to create productive human resources for the nation.

SUMMARY OF CRITERION - III

The importance of quality education and enhancement of quality teaching at Nirmala College is supported by research and development in the allied areas. The college has an Academic Committee headed by the Principal and 3 senior faculty members to motivate the teachers to pursue Ph.D, participate & present research papers, in the Seminars/Workshops/Conferences and also to publish research papers in reputed National/International journals / books. The college invites eminent academicians /researchers for delivering lectures to promote scientific temper & research culture among students as well as teachers. The Final year students take up research oriented projects, make educational tours and field trips as partial fulfillment of their curriculum. Interdisciplinary research is

promoted by organizing National seminars and workshops with acquired funds from UGC and ICSSR, ICHR. In addition to all the mentioned support, the college also provides free access to computers, laptops, wi-fi connectivity, Inflibnet, reference books, journals, periodicals, laboratories and equipments, reading room facilities etc. Several research papers of faculty members have been published in National and International Journals. Besides authoring books, many faculty members have also received awards /recognitions for their research papers.

SUMMARY OF CRITERION – IV

The college is well - equipped in terms of infrastructure. The college campus area is 6.10 acres and the building carpet area is 2316 sq m x 4 floors. At present the college has 50 classrooms most of them equipped with sound system. The college has 16 laboratories, 02 computer labs for IT and CA, one gas plant. The college has a main library besides different departmental libraries. There is a large auditorium also used as a multipurpose hall.

There are other facilities such as cool and clean drinking water through Aquaguard and wash rooms for students and the faculty. The college also has a health and counseling room with First- Aid kit.There is a doctor visiting the College twice a week to discuss medical problems of the students. There is one large soundless generator for power backup. The college has a canteen, a branch of the Punjab National Bank and one hostel within the campus. All the departments are fully equipped with laptops, projectors, screens etc. Most departments are equipped with audio visual aids. For encouraging the students to take part in sports, the college has a basketball, volleyball court, hockey, table tennis and badminton setup.

SUMMARY OF CRITERION – V

The institution is actively involved in providing continuous support services for quality enhancement and improvement in the overall performance of students with special emphasis on students belonging to SC/ST, OBC, Minorities and economically weaker sections of the society. Institution takes extra efforts in this direction by supporting them through freeship, state government scholarships and arranging remedial and tutorial classes. Regular career and counseling sessions, opportunity centre programmes, coaching for entry in services, seminars and workshops are organized to enhance the knowledge, ability and skill of students. Institution encourages the students to take part in games, sports and various co-curricular and extracurricular activities at university, state/zonal, and national level. The NSS wing, Women Cell, different committees and the Alumni Association (AREN) of the college organize various activities, extension and outreach programmes for students' welfare. The institution places a great emphasis on the progress of students in all aspects. Majority of students, after completing their education from institution, go for higher education and many of them are selected for services in private, public and government sector. On the whole, the institution works collectively and harmoniously with all stake holders to provide and promote an academic environment that ensures and fosters holistic development of its students and enhances the opportunities of their progression to higher levels of learning and employment.

SUMMARY OF CRITERION – VI

The vision and mission of the Institution is advancement of learning, knowledge and critical thinking aimed to enable empowerment of young women specially those belonging to the under privileged class, specially tribal girl students. The institution's management information system includes regular

feedback analysis through G.B meetings and through those held by Principal with the H.O.Ds and staff council. Other than IQAC, there are several other committees to perform various functions related to the college. The college also has a Staff Council with the Principal as its President, one senior member of the faculty represents the staff in the Governing board of the college .There is an Academic Committee for taking policy decisions for the betterment of the institution. Various improvement strategies are adopted by the institution for quality improvement and sustenance.

SUMMARY OF CRITERION – VII

The institute works meticulously to maintain a green, pollution free environment in the campus. Students are sensitized through seminars conducted on environment oriented topics like 'Global Warming', 'Biodiversity' etc. Plantation programmes, Swachh Bharat Abhiyan and crusade against polythene in and around college campus are regular activities undertaken by NSS, Women Cell and other units of the college. The institute is committed to energy conservation. Therefore switching off the lights& fans, Electronic laboratory apparatus & ICT devices when not in use is the general norm .Use of fluorescent tubes, CFL bulbs, solar heaters, natural light in the laboratories, rainwater harvesting, lush green lawn with approximately 300 ornamental and shady trees, decompost pits boosts our 'Eco-friendly' status .

The college imbibes the spirit of experimentation & innovation in its pursuit of growth and excellence. Smart class, PPT presentation, inter &intra departmental competitions, co-curricular activities, on-line annual Newsletter 'Nirmala Communique', CCTV cameras and ethics classes are some of the strategies adopted to realize our vision of value based higher education.

Our best practices incorporate the topics "Rain Water Harvesting and Sanitary Napkins Incinerators".

SWOC Analysis:

STRENGTH

1. Well qualified and competent faculty.
2. Dual medium of Instruction.
3. Wi-fi enabled campus and well developed infrastructure.
4. Green and Environmental friendly campus.
5. Well equipped library and laboratories.
6. Healthy Management/Principal/Staff/Student relationship.
7. Student Centric Teaching-Learning Process.
8. Hostel accommodation.

WEAKNESS

1. More faculty to take up Research Projects/Publications.
2. More Seminars/Conferences/Workshops to be organized.

OPPORTUNITIES

1. Introduction of new Career oriented/Vocational courses.
2. Consultancy and Collaborations to be extended.
3. More PG courses in Arts & Science.
4. Opt for autonomous status.

CHALLENGES

1. To develop the college as a College with Excellence. (CE)
2. To expand Alumni Association
3. To develop and upgrade the College to be a Women's University.

Self Study Report

1. Profile of the Affiliated College

1. Name and Address of the College:

Name:	Nirmala College
Address:	P.O.- Doranda, Dist.- Ranchi
City: Ranchi	Pin: 834002 State: Jharkhand
Website:	www.nirmalacollegeranchi.com

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Sr.Jyoti	O: 06512411322 O: 06512410082 R: 06512410250	9431103264	0651-241963	nirmala_college@yahoo.co.in jyoti.kispotta68@gmail.com
Vice Principal	Sr. Shobha	O: 06512411322 R: 06512410250	7783047315	0651-241963	srshobhascjm @gmail.com
Steering Committee Co-ordinator	Dr. Mrs. R.Sahu	O: 06512411322 R: 06512410746	9431382431	0651-241963	sahurashmi09 @gmail.com
NAAC Coordinator	Dr.Debjani Roy	O: 06512411322 R: 09973726140	9470193574	0651-241963	debjaniroy696@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 ☐

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.- Enclosed

| Religious |

6. Sources of funding:

Government ☐

Grant-in-aid ☑

Self- financing ☐

Any other ☐

7. a. Date of establishment of the college : 18.08.1969 (dd/mm/yyyy)
   b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

| Ranchi University, Ranchi |

   b. Details of UGC recognition:

Under Section	Date Month & Year (dd/mm/yyyy)	Remarks (If any)
i. 2 (f)	08.11.1971	-
ii. 12(B)	30.12.1998	-

(Enclose the Certificate of recognition u /s 2 (f) and 12 (B) of the UGC Act) - Enclosed

   c. Details of recognition /approval by statutory / regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI, etc.)

Under clause	Recognition/approval details Institution/Department	Day, Month and Year dd/mm/yy	Validity	Remarks
i.	NA	NA	NA	NA
Ii	NA	NA	NA	NA
Iii	NA	NA	NA	NA
Iv	NA	NA	NA	NA

(Enclose the recognition /approval letter)

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 22.07.2016 (dd/mm/yyyy)

b.   for its performance by any other governmental agency?   Yes ☐   No ☑

If yes, Name of the agency…………………………………and

Date of recognition…………………………… (dd/mm/yyyy)

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

Location*	Urban
Campus and area in sq. mts.	6.10 Acres
Built up area in sq. mts.	2316

✓
(*Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

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
- Sports facilities
  *   Play ground   ✓
  *   Swimming pool   NA
  *   Gymnasium   NA
- Hostel   ✓
  *   Boys' hostel
         i.   Number of hostel
         ii.   Number of inmates
         iii.   Facilities (mention available facilities)
  *   Girls' hostel   ✓
         i.   Number of hostel   01
         ii.   Number of inmates   450

iii.   Facilities (mention available facilities)
        Full accommodation (Food and lodging, electricity, water supply etc.)

*   Working women's hostel   NA
        i.   Number of hostel
        ii.   Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers Available - cadre wise)   25%
- Cafeteria -   Yes
- Health centre-   Yes
    First aid, Inpatient, Outpatient, Emergency care facility, Ambulance……….
    Health centre staff –
    Qualified doctor Full time ☐   Part-time   ☑
    Qualified Nurse   Full time ☐   Part-time   ☐
- Facilities like banking, ✓post office ☐, book shops ☐
- Transport facilities to cater to the needs of students and staff   No
- Animal house   No
- Biological waste disposal   Yes
- Generator or other facility for management/regulation of electricity and voltage   Yes
- Solid waste management facility   No
- Waste water management   No
- Water harvesting   Yes

12.   Details of programmes offered by the college (Give data for current academic Year) 2016-2017

Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No of Students Admitted
Under-Graduate	B.A	Three Years	10+2	Hindi+ English	As per RU norms	1405
	B.Sc.	Three Years	10+2	English	As per RU norms	499
	B.Com	Three Years	10+2	English	As per RU norms	568
Post-Graduate	MA	Two Years	Graduation	English + Hindi	As per RU norms	152
Integrated Programmes PG						
Ph.D.						
M.Phil.						

Ph.D.						
Certificate Courses	B.A/BSc./ B.Com	1 Year	10+2	English		35
UG Diploma	B.A/BSc./ B.Com	1 Year	10+2	English		29
Any Other (specify and Provide details)						

13. **Does the college offer self-financed Programmes?**   Yes ☑   No ☐
If yes, how many?

Yes	✓	No		Number	04

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

B.Com, BBA & M.A.

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** (eg. Physics, Botany, History etc.	**UG**	**PG**	**Research**
Science	Botany, Maths, Zoology.	UG	-	-
Arts	Eco, Geo, Hin, Hist. Pol. Sc., Psy.	UG	Eco, Geo, Hin, Hist. Pol. Sc.	-
Commerce	Accounts	UG	-	-
Any Other (Specify)				

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

a. Annual system   03

b. Semester system   01

c. Trimester system

17. Number of Programmes with

a.   Choice Based Credit System   01

01

b. Inter/Multidisciplinary Approach ☐

c. Any other (Specify and provide details) ☐

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)…………………….(dd/mm/yyyy)

And number of batches that completed the programme ☐

- NCTE recognition details (if applicable)   NA

Notification No.: ……………………………………….

Date: …………………………………(dd/mm/yyyy)

Validity: ……………………………..

b. 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 ☑

a. Year of Introduction of the programme (s) …………. (dd/mm/yyyy)
And number of batches that completed the programme

☐

b. NCTE recognition details (if applicable)

Notification No.: ……………………………………….

Date:.…………………………………(dd/mm/yyyy)

Validity: ……………………………..

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes ☐   No ☑

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

Position	Teaching faculty						Non-teaching staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/University / State Government *Recruited*				04 04		44 44	16 16	34 34		
Yet to recruit	-	-	-	-	-	-	-	-	-	-
Sanctioned by the Management / Society or other Authorized bodies *Recruited*	-	-	-	-	-	-	-	-	-	-
Yet to recruit	-	-	-	-	-	-	-	-	-	-

*M-Male *F- Female

21. Qualification of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.			-	04	-	29	33
M.Phil.					-	01	01
PG					-	14	14
Temporary teachers							
Ph.D.							
M.Phil.							
PG							
Part-time teachers							
Ph.D.					01	05	06
M.Phil.					-	-	
PG					06	10	16

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

22

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

Categories	Year 1 2012-2013		Year 2 2013-2014		Year 3 2014-2015		Year 4 2015-2016	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	-	98	-	109	-	117	-	113
ST	-	905	-	942	-	988	-	981
OBC	-	335	-	312	-	382	-	445
General	-	760	-	691	-	758	-	759
TOTAL	-	2098	-	2054	-	2245	-	2298

24. **Details on students enrollment in the college during the current academic year 2016-2017.**

Type of students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same State where the college is located	2339	152	-	-	2491
Students from other states of India	133	-	-	-	133
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	2472	152	-	-	2624

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

UG | 2.1% | PG | - |

26. **Unit Cost of Education**
(Unit cost= total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component   Rs 45,229

(b) Excluding the salary component   Rs.11,146

27. **Does the college offer any programme/s in 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 programme 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

Programme / course	Teacher-student ratio
B.A	1 : 15
B.SC.	1 : 8
B.Com	1 : 1

29. Is the college applying for

Accreditation : Cycle 1 [ ]   Cycle 2 ☑   Cycle 3 [ ]   Cycle 4 [ ]
Re - Assessment : ☑

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation*(applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)
Cycle 1: 01.12.2003 (dd/mm/yyyy) Accreditation Outcome / Result - B$^+$

Cycle 2: 03.03.2015 (dd/mm/yyyy) Accreditation Outcome / Result…B..

Cycle 3: …………. (dd/mm/yyyy) Accreditation Outcome / Result……

*Kindly enclose copy of accreditation certificate (s) and peer team report(s) as an –**A**nnexure - Enclosed.*

31. Number of working days during the last academic year.   221

32. Number of teaching days during the last academic year 2013-14
(*Teaching days means days on which lectures were engaged excluding the examination days*)   160

33. Date of establishment of Internal Quality Assurance Cell (IQAC)
IQAC 09.09.2009 (dd/mm/yyyy)

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

NAAC.
AQAR (i)   …08.11.2014………… (dd/mm/yyyy)

AQAR (ii)   …11.07.2015………….(dd/mm/yyyy)

AQAR (iii)   …30.07.2016………….(dd/mm/yyyy)

AQAR (iv)   ………………………..(dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory / descriptive information)
The College is receiving funds under Component 7 of RUSA and has also been awarded with Centre with Potential for Excellence on 22.07. 2016.

2. Criteria-wise Analytical Report

Criterion I : Curricular Aspects

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:

Nirmala College, Ranchi, strives to create and sustain a community of morally and spiritually sound individuals and groom them into socially aware and responsible citizens who contribute to an equitable development of society. Our Motto COR UNUM ANIMA UNA, meaning "One Heart, One Mind", also reiterates our belief and our vision.

Mission:
- The advancement and dissemination of knowledge and learning among young women, especially tribals and the non-creamy layer of society.
- The integral development and empowerment of young learners so that they enrich society with their learning and skill.
- The creation and sustenance of a community of lifelong learners which emphasize literacy, humanistic and scientific enquiry and critical thinking.
- The provision of quality education, which enables every student to match her skills with her career goals.
- To promote an environment of research and ensure a holistic development of students.
- To sensitize the students on topical issues like environment, human rights and gender inequalities.

Objectives:

- To empower girl students, especially the underprivileged and the marginalized through quality education.
- To inculcate a sense of devotion, perseverance and discipline among the students.
- To equip students with intellectual competence and promote community development.
- To instill leadership qualities among students.
- To strengthen the teacher-student goal oriented relationship.
- To develop analytical skills, research acumen and create unique identity of a Nirmalite.
- To equip students with skills to promote their financial independence in the future.
- To promote education in liberal arts, in order to lay the foundations of a just and humane community.

  Means of communication of these ideas to students, teachers, staff and other stakeholders:
  - Prospectus
  - College Website
  - Academic Calendar
  - Regular staff meetings
  - Regular departmental meetings

- Digital Display Board of the College
- Notice Board of each Department.

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).

- Departmental meetings of H.O.Ds with Teachers for allocation of classes and distribution of syllabus.
- Remedial classes which bridge the gap between the existing and desired knowledge levels of students.
- Lectures conducted in both English and Hindi to take care of the needs of a large number of students coming from rural background.
- Innovative teaching methods such as presentations, tutorials, assignments, discussions, Workshops, Seminars, Special Lectures, Industrial Visits/ Educational tour and ICT are applied in addition to traditional teaching methods.
- Departmental records for effective implementation of the curriculum are maintained by each teacher in order to complete syllabi within stipulated time.
- Regular discussions help the Head of Departments to keep tab on the progress.

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 College conducts special Orientation Programme for its faculty at the beginning of each academic session.
- Workshops for skill enhancement of teachers are organized by the Institution on a regular basis.
- The College encourages the teaching faculty to attend Orientation, Refresher, Workshops, Summer School and Seminars by providing duty leave.
- Teachers are encouraged to be part of Board of Studies for framing the U.G.C curriculum.
- The College has corroborated with technology in providing INFLIBNET and strong Wi-Fi connectivity for knowledge enhancement for faculty.
- The College advocates the up gradation of library with latest books and journals.
- Subject experts and senior teachers are invited for discussion and sharing their experience.
- Funds are received from UGC, ICSSR, ICHR, RUSA for organizing Seminars, Workshops and Conferences.

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.

- Facility for Multimedia based classes and teaching.
- Classes are adjusted during leave of absence of any teacher to maintain classroom continuity.
- The college has created a book bank for the use of teachers and students wherein all the latest books are made available to the faculty for their reference.

- Weightage is given to overall development of students through Student Council, NSS, AICUF, and CLC.

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

- Invitation to eminent personnel, top professionals and policy makers from renowned institutes such as TISS, IIT (Mumbai) and industry such as BSNL, Central Tussar Research and Training institute (Nagri), Central Institute of Psychiatry and RINPAS, Kanke, Birsa Agricultural Institute Kanke, Birla Institute of Technology, Mesra so that they can share their wisdom, insight and experience with the students.
- Interaction and networking with renowned institutes by organizing field and Industrial trips.

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, teachers)

- Seven faculty members are BOS and actively involved in framing the CBCS syllabus e.g, Mrs.N.D.Ekka, (member BoS, Economics), Dr. A.H.Khan, (member BoS, English), Dr. D.Roy,(member Bos, Geography), Dr. Anjana Singh, (member BoS History) Dr. J.Prasad, (member BoS, Psychology) Dr. R.M.Sahu, (member BoS, Political Science) and Dr. Emma Seraphim, (member, BoS, Zoology).
- Teachers, especially H.O.Ds, participate in various meetings conducted by the University for upgrading or changing the curriculum.
- Apart from the teachers, the Principal, Dr. Sr. Jyoti is also Assessor in NAAC Peer team since 2015 January, a member of Academic Council, R.U, Member of Cultural Committee.
- Anonymous student feedback on teaching methodology of faculty for positive betterment of the students.

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.

- Course Curriculum for short-term Career Oriented Courses is designed by members of faculty engaged in running of the course. It is upgraded from time to time to suit the needs of students and potential employers. The College in collaboration with NLS Comp of Jharkhand offers Short term Certificate Course in Computer Application. (DCA)

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

- Regular written examinations at the college level to assess the level of students and guide them to perform better.
- Informal question-answer sessions, discussions and deliberations in the class room.
- Remedial classes for under-achievers.
- Tutorials
- Project Work

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.**
- Computer Application
- Information Technology
- Add-on Courses in Computer Application
- Fashion Designing
- Add-on Course in e- Commerce and Diploma in BBA (Applied For)

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

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**

CORE COURSES (Honours Only)

Pre NAAC Course		Post NAAC Course
Economics	Botany	P.G – Economics, Geography, Hindi,
Geography	Zoology	History, Political Science
Hindi	Mathematics	U.G- English, Philosophy
History	Commerce	Vocational- B.B.A
Political Science		B.Com
Psychology		

- Undergraduate course for honours in English has been introduced from session-2016
- Postgraduate courses under Ranchi University in Economics, Geography, Hindi, History and Political Science have been approved and introduced from session -2016

VOCATIONAL COURSES

University Offers	College Run Courses
Computer Application	Computer Application
Information Technology	Information Technology
Add-on Course in Computer App.	Add-on Course in Computer App.
Fashion Designing	Fashion Designing
BBA	To begin from session 2017
B. Ed.	
Nutrition and Dietary Course	

Travel and Tourism	
Environment and Water Management	

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.

Institution offers self financed course in the following subjects

- Computer Application
- Information Technology
- Add-on course in Computer Application
- Fashion Designing

These courses are affiliated to Ranchi University. The regular students of the college, or anyone who has passed intermediate exam or its equivalent is eligible.

FEE STRUCTURE

In view of the fact that a large number of students come from financially backward families, the college has decided to maintain very low course fees as stated below

Course Name	Course Fee		Registration Fee	Examination Fee	Total	
	GEN	ST			GEN	ST
BCA	23,450	22,750	250	500	24,200	23,500
IT	23,450	22,750	250	500	24,200	23,500
Add-on course	5000	5000	-	500	5500	
FD	15,000	14,000	250	500	15,750	14,750

TEACHER QUALIFICATION

Course	Name of the Teacher	Qualification
Add-on	1. Sonali Sinha 2. Asit Kumar Mahapatra 3. Kaushal Kumar Singh 4. Vivek Kumar	M.C.A. PGDCA, M.C.A., M.Phil in C.Sc M.C.A (KIIT) M.C.A, M.B.A
FD	1. Uma Rani 2. Amrita Pritam	B.Com (Hon.), B.Sc., F.D. M.A.
IT	1. Doel 2. Asit Kumar Mahapatra 3. Swati 4. Ritesh	M.Tech. PGDCA, M.C.A., M.Phil in C.Sc M.C.A. M.C.A.

BCA	1. Sonali Sinha	M.C.A.
	2. Ritesh Kumar	M.C.A.
	3. Vinod Kumar	M.C.A.
	4. M.H.Ansari	M.Com. Ph.D
	5. Biresh kumar	M.C.A, M.Tech

Every part time teacher is paid Rs. 250 per class and their salaries vary from Rs. 10,000-12,000/- per month.

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.

Apart from FD, Add-on course in Computer Application, the college offers Self-Designed Short Term Computer Application Course for students and staff.

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? NA

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

- Support to students through
  i)   Primary sources like class room lectures, assignments, tests and projects.
  ii)   Secondary sources like audio-visual adaptation, screening of films based on texts, seminars and workshops
  iii) Departmental activities and events.
  iv)   Eminent luminaries are invited to address the students and interact with them
  v)   Students are encouraged to visit industries and go on educational tours and excursions for enhancement of knowledge

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to the needs of the dynamic employment markets?

The parent University designs the curriculum and the college is bound to follow and implement the same. Even though some members of the faculty are on Board of Studies and they contribute in designing the curriculum, the final implementation is as per the directives of the university.

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

The different departments of the institution do not attempt to integrate such cross cutting issues into the curriculum but they regularly organize different events for a conducive environment to make learning across the curriculum possible.

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

- Moral and ethical values
  Regular conduct of Ethics classes, participation in Swachhata Abhiyaan, Awareness campaigns in social and environmental issues.
- Employable and life skill
  Cocurricular and extracurricular activities are conducted on a regular basis with experts being invited occasionally. Karate classes for students are held for self defence.
- Better career options
  Regular computer classes for students. Short term courses in Basic Computer Learning for students and staff.Add on Computer Courses are running successfully by the College
- Community orientation
  The NSS Wing of the college helps students realize their potential and explore various possibilities to groom them into making informed decisions in life. Adoption of various villages at different times to reach out to the poorer sections of the society.Community cleanliness and environmental consciousness is made mandatory.

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

- Redesigning curriculum at the university level
- Assessing, at the college level, whether the various topics have been fully covered by teachers and comprehended by students.
- Feedback is given to the university through different representatives of the institution.
- Students express their opinion on curriculam through response sheets and the member of BoS present their points of view based on various inputs received by them from the students, Departments, parents and other stakeholders.

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

- The institution regularly gives participation certificates to its NSS members who have taken part in community development programmes.
- Obtaining feedback from students.
- Continuous interaction with potential employers.
- Conducting periodic internal exams.

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?
Apart from suggestions for the betterment of the curriculum, the institution does participate in the designing and development. Departmental Heads of Economics, Geography, Psychology, History, Hindi, English and Zoology are also member of Board of Studies, Ranchi University, and were actively involved in designing the syllabus for undergraduate students as per CBCS system.

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?
The college obtains only informal feedback from the students and faculty on changes in the curriculum and introducing new programmes. The PG courses were started as a result of feedback obtained from stakeholders, especially parents.

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? Any other relevant information regarding curricular aspects which the college would like to include.
- B.Com- To meet with the growing demand of the industry and generate employability.
- B.A (English Hons, & Philosophy Hons)- To meet the growing demand for these courses.
- M.A (Economics, Geography, Hindi, History, Political Science)- To meet the state requirement for increasing Gross Enrolment Ratio in Higher education sector.
- B.B.A- To make the students more employable and meet the growing demand for skilled manpower.

Criterion II : Teaching - Learning & 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 in the admission process through various means like the annual prospectus, websites, advertising in local dailies and advertisement in the local TV channels. The college has an on-line application procedure.

Transparency of the admission is ensured by preparing the merit list based on the University norms. Certain departments conduct entrance tests. Selected candidates list is displayed on the college notice board. Single window system is adopted for admissions.

2.1.2   Explain in detail the criteria adopted and process of admission [Ex. (i) merit (ii) common entrance 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 has an admission committee with the Principal as the President, HODs and senior faculty members who are involved in the admission process for selection of eligible students on the basis of merit cum reservation.

The committee scrutinizes the application for admission with respect to fulfilment of the eligibility criteria prescribed for admission by the university.

The marks obtained in Higher Secondary Examinations/ Intermediate Examinations forms the basis for admission to Undergraduate classes while marks obtained in Graduation Exams (at least 45% in Honours) form the basis to admission in Post Graduation. The institution adopts an egalitarian approach by admitting students from general masses, socially and economically marginalized classes and first generation learners.

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.

Sl. No.	Department	Minimum %	Maximum %
1	Botany	45%	96
2	Economics	45%	88
3	Geography	60%	97
4	Hindi	45%	77
5	History	45%	93
6	Mathematics	45%	95
7	Political Science	45%	84
8	Psychology	45%	75
9	Zoology	45%	95
10	B.Sc.IT	45%	65
11	BCA	45%	73
12	FD	45%	65

13	B. Com	50%	92

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

The institution has a mechanism to review the admission process and students profile annually. Our admission committee gives a detailed information about the students with respect to the following :

- Academic background
- Caste representation
- Economic status
- Demographic background
- Curricular/Extra-curricular activities
- Levels of disability

All the records are maintained in the office. The students, who bring laurels to the institutions, like in the academics, sports, extra-curricular or other similar areas, are duly rewarded. This is a continuous process and it results in making the students an asset for the institution.

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 students profiles demonstrate/reflect the National Commitment to diversity and inclusion

- SC/ST
- OBC
- Women
- Differently abled
- Economically weaker sections
- Minority community
- Any other
- Our College is committed to adhering to the national commitment to diversity and inclusion. Jharkhand being a tribal dominated area, most of the seats are field up by tribal students, minorities.
- Differently abled girls are admitted and given relaxation in fees.
- Free-ship is provided to economically weaker sections, especially preference given to girls coming from remote areas. Preference is also given in providing hostel facilities to these categories of students.

Scholarships and Financial support (2014 -2015)

	Number of students	**Amount**
Financial support from institution	62	Rs.2,67,700.00
Financial support from	NA	NA

government		
Financial support from other sources	NA	NA

Scholarships and Financial support (2015 -2016)

	Number of students	Amount
Financial support from institution	53	Rs.2,00,200.00
Financial support from government	869	Students receive the amount directly in their bank account.
Financial support from other sources	73	Students receive the amount directly in their bank account.
Number of students who received International	NA	NA

2.1.6 **Provide the following details for various programs 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	No. of applications	No. of students admitted	Demand ratio
UG			
B. Sc. (2010-2013)	155	143	1.08:1
B.A. (2010-2013)	830	811	1.02:1
B. Sc. (2011-2014)	140	129	1.08:1
B.A. (2011-2014)	900	881	1.02:1
B. Sc. (2012-2015)	230	217	1.05:1
B.A. (2012-2015)	960	929	1.03:1
B. Sc. (2013-2016)	160	140	1.14:1
B.A. (2013-2016)	890	857	1.13:1
B.Sc. (2014 -2017)	226	133	1.70:1
B.A. (2014 - 2017)	736	505	1.46:1

B.Sc. (2015-2018)	235	132	1.78:1
B.A. (2015-2018)	769	504	1.52:1
B.Com (2014-17)	253	180	1.40:1
B.Com (2015-2018)	313	204	1.53:1
PG			
Economics	32	20	1: 0.34
Geography	88	60	1:1
Hindi	42	36	1: 0.6
History	20	09	1: 0.15
Political Science	28	27	1: 0.45
M.Phil	NA	NA	NA
Ph.D	NA	NA	NA
Integrated PG Ph.D	NA	NA	NA
Value Added	NA	NA	NA
Certificate (Computers Application)			
2012	23	21	1: 0.35
2013	30	27	1: 0.45
2014	24	21	1: 0.35
2015	44	40	1: 0.67
2016	25	23	1: 0.38
Diploma (Computer Application)			
2012	25	19	1: 0.32
2013	25	21	1: 0.35
2014	24	24	1: 0.4
2015	28	28	1: 0.47
2016	43	43	1: 0.72
PG Diploma	NA	NA	NA
Any Other (Vocational) BCA, IT, F.D.			
2010-2013	165	155	1.06:1

2011-2014	172	167	1.02:1
2012-2015	150	145	1.03:1
2013-2016 2014-2017 2015-2018 2016-2019	132 140 128	120 87 88	1.10:1 1.61:1 1.45:1

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 institute caters to the needs of differently abled students and adheres to government policies to the best possible extent. Few examples include:

- Provision of barrier-free environment in the campus e.g., ramps, seating preference in classrooms etc.
- Use of Audio-visual teaching and learning aids.
- Reservation in seats for admission to the academic programmes at UG level - B.Sc./B.A/B.Com.
- Encouragement for availing scholarships and other welfare schemes of the Government.
- Counselling and guidance is also provided.
- Ramps connect the ground floor of the building with the top floor for helping the differently abled students.
- If any student is unable to attend classes in the first or second floor due to any physical disability, classes are arranged on the ground floor.

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

Yes, the college acts as the stepping stone that helps the students to realize their ambitions. The marks obtained by the students in higher secondary examination forms the basis of their admission. They are informed about the traditions, objectives, rules and regulations of the college by means of an orientation session before the commencement of teaching programme in each department. Moreover, interactive sessions are organized so as to assess the cognitive skills of the students. The students are also made aware of the scope of the course and placement opportunities after the completion of the course.

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 Course, etc.) to enable them to cope with the programs of their choice?

Any class contains a mix of intelligent and average students and hence the college attempts to bridge the gap between students of rural and urban backgrounds through the following measures:

- Remedial classes are conducted for academically weaker students during all courses.

- To facilitate better understanding of course content, bilingual method of teaching is adopted where ever necessary
- Special career enhancing coaching classes are conducted by the IQAC to motivate and develop a competitive acumen. Such enrichment programmes include training for banking, management, and other competitive exams.
- The College is the only one under Ranchi University that offers Add –on Courses in Computer Applications.
- The College conducts short term Computer Courses to develop Computer literacy amongst students and staff.
- Personal efforts are made by each teacher to inculcate values in students through counselling and motivation.

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

Gender Sensitization
- Through its NSS wing and Women's cell college tries to take up the grievances of girls and informs them about women's rights and social responsibility.
- To generate a better awareness of women's rights and traffic rules and how practically students can seek police assistance through invited police officials,Chairperson,Jharkhand State Women's Commission and other concerned authorities to create better rapport between the police and young girls.
- International Women's Day is observed by NSS
- Sanitary napkins are provided to the girls and a disposal machine (Suraksha Machine) has been installed in the campus.
- Workshops, seminars and guest lectures are organized regularly to develop entrepreneurial skills.

Environment sensitization
- Our college campus is green and polythene free. An elected students' representative is made Environment Secretary to ensure students' participation to make the campus green.
- The College has rainwater harvesting and ground water recharge done on a regular basis.
- In a bid to preserve energy ,the College has installed LED bulbs within the campus.
- NSS conducts plantation drives and distributes saplings to the students. It also distributes saplings in the village adopted by the NSS.
- Lectures/hands-on project work/talks on Save Water, Rain water harvesting, ozone preservation, organic farming and waste management.
- Students of B.Sc. (Botany) had taken up a drive for planting medicinal plants; college has a very large variety of medicinal plants which helps to keep the environment healthy.
- Election awareness campaign, ban plastics, mock elections and nukkad nataks are organized to sensitize students on crime against women and environment related issues.
- Swachh Bharat Abhiyan initiative has been taken up by departments and college regularly.
- A Herbal garden is established by department of Zoology in the land provided by the institution in its campus.

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

The institution identifies and responds to the learning needs of advanced learners in the following manner-

- Advanced learners are identified through class and internal test performance.
- To satisfy the inquisitiveness of students, they are encouraged to ask questions and are provided with latest information on global happenings, good reference books and articles.
- Special lectures by regional / national scholars are arranged to update students with latest work in the respective fields.
- The College follows the principle "Each one teach one" and advanced learners are asked to help the weaker students in academic performance.

2.2.6 How does the institute collect, analyze 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)?
- Tutorial and remedial classes are organized for slow learners.
- Free-ship is provided to economically marginalized students especially from Christian minority community, to reduce dropouts.
- Concession and relaxation in admission fees for students from BPL families.

2.3 Teaching- Learning process

2.3.1 How does the college plan and organise the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)
Annual year planner for syllabus is prepared in which teaching methodology, pedagogy and curriculum are discussed and are circulated to all concerned. Departmental meetings are also scheduled from time to time to keep track of the planned schedule and corrective measures are taken if needed. Evaluation is done through class tests and terminal examinations. Answer scripts are discussed with the students.

2.3.2 How does IQAC contribute to improve the teaching –learning process?
Internal Quality Assurance Cell (IQAC) plans and supports effective implementation for Total Quality Management for Teaching-Learning process in the institute. The IQAC contributes significantly to improve this process primarily by functioning as an agent of self-introspection. The cell helps in monitoring promotion, implementation and improvement in college curriculum, co-curricular and extracurricular activities. The quality parameters adopted in IQAC and the practices followed are scrutinized periodically to understand their deficiencies and are revised for continual improvement, thus reducing inherent complacency in the system.

2.3.3 **How learning is 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 college focuses on student-centric teaching. Besides basic classroom teaching, opportunities required for life- long learning is addressed by organizing workshops, seminars, tutorials, ethics, remedial classes etc. and these are arranged very frequently.

Assignments, project works, seminars, presentations, discussions and workshops are held from time to time; Audio/Visual teaching aids are used. E-resources are provided through internet and INFLIBNET. B.Sc. (IT) and BCA organizes model exhibition-cum-competitions.

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?**

The college encourages students to ask questions, organize and participate in seminars, workshops, exhibitions, elocution, quiz and debates, etc. on academic as well as current affairs/socially relevant topics. Slogan writing, creative writing and recitation are conducted by the language departments.

Guest lectures are also arranged from time to time to expose the students and the faculty to the state of art of knowledge on various topics.

Participation in exhibitions, educational tours also contributes to the knowledge enhancement of the students.

Cultural programmes including tribal dance, classical dance, mime, mimicry, one-act play, clay modeling, folk orchestra, etc help holistic development of students in terms of personality, camaraderie, etc. Extension activities like NSS expose the students to social/cultural diversity develop organizational skills and leads to development of the society.

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 Programs on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (MNE- ICT), open educational resources, mobile education, etc.**

The technologies and facilities available in the departments are as follows:

Computers with Internet facilities in all the departments

Use of Multimedia (LCD) projectors

Use of PowerPoint presentations

Use of e-learning resources from INFLIBNET and NPTEL

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

- Career counseling sessions are conducted to give career guidance to students.
- ICT teaching aids are used and students are also taken for industrial/ educational tours.
- Faculty is encouraged to undertake research activities like Minor/Major research projects funded by UGC.
- Faculty is also encouraged to attend conference, seminars, workshops, etc.

- Student's participation in interdisciplinary Symposium /Seminars conducted by the College.
- Student participation in educational and industrial trips.
- Interface with eminent writers, poets and social workers.
- BSNL training programme for the students of vocational courses of BCA and IT.
- Faculty enrichment programme sensitization workshops are organized regularly.
- Organizing expert lectures by eminent academicians.

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.

Our faculty takes initiative in addressing the academic, psycho-social & personal needs of the students through mentoring, counselling and academic sessions. The students are benefited from counselling provided by the women cell as well as from the NSS coordination committee. Our students face various socio-psycho problems (like eve teasing, emotional breakups, social traumas, etc.) which are addressed by the faculty members. They adopt the Problem solving methodology and Proactive methodology during the counselling. Individual guidance and special attention is given to slow learners. Freeships are also provided to eligible economically weak 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 faulty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

Apart from the traditional lecture method of teaching, the faculty adopts the innovative teaching methods like demonstrative and experimental teaching programs, group discussions, deliberations, assignments and project works, use of audio visual aids and interactive sessions and seminars.

- Field trips, educational trips, visits to industrial or corporate houses.
- PowerPoint presentations and use of internet to make teaching learning more interactive and interesting.
- Workshop and extention lectures by great scholars and subject experts, hands-on work experience in almost all the practical subjects are integrated into the academic agenda.
- Feedback on lectures obtained from students, students are allotted topics to prepare power point presentations and class seminars are held.
- To encourage the visits to library, students are also given assignments which they complete using books from the library.
- Special, remedial, tutorial classes are held for slow learners and advanced learners.
- To inculcate human values and build moral character of the students, ethics classes are held every week.

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

A spacious, well ventilated library, enriched with high quality reading materials including text books, reference books, e-resources (INFLIBNET), departmental book banks, magazines and dailies instill an environment of quality education beyond periphery of classrooms.

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

The institute follows an Academic calendar according to which syllabus is completed within the prescribed time frame. But in case of unavoidable circumstances, extra classes are arranged. Remedial classes and tutorials are held for weak students regularly.

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

The college monitors and evaluates the quality of teaching learning through the following manner:

- The academic results- both internal tests and university examinations
- Faculty teaching schedules and techniques
- Students' feedback.
- Class tests and selection tests are conducted
- Parents'-Teachers' Meetings are held in all departments.

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.

Highest Qualification	Professor		Associate Professor	Assistant Professor		Total
	Female	Male	Female	Female	Male	
Permanent teacher						**48**
D.Sc. /D.Litt.						
Ph.D.			04	29		33
M. Phil				01		01
PG				14		14
Part-time Teachers						**22**
Ph.D.				05	01	06
M. Phil						
PG				10	06	16

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 courses of Biotechnology and Bioinformatics are not yet available in our college. As far as IT/BCA is concerned, our institution has made a lot of efforts to select the best quality teachers. Most of these teachers have Master's Degree in IT, M.C.A./M.Tech. The departments of IT and BCA organizes seminars related to the latest developments of technology, at regular intervals with eminent Resource persons from other colleges as Chief guests. This provides an opportunity for the students to get wide exposure about their courses offered. Besides, the Institution motivate teachers to take part in National Seminars and workshops where they a get a better chance to upgrade their technological skills.

Subject	Session	Year	Appeared	Pass
Bachelor in Computer Application	2011-2014	Part I	52	47
		Part II	49	42
		Part III	65	65
	2012-2015	Part I	43	35
		Part II	42	40
		Part III	40	39
	2013-2016	Part I	35	32
		Part II	33	29
		Part III	30	30
Information Technology	2011-2014	Part I	27	21
		Part II	22	16
		Part III	11	11
	2012-2015	Part I	31	22
		Part II	27	23
		Part III	23	23
	2013-2016	Part I	19	11
		Part II	14	09
		Part III	09	09

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

a)   Nomination to staff development programmes

Academic Staff Development Programmes	Number of Faculty Nominated
Refresher courses	40
HRD programmes	No
Orientation Programmes	31
Staff training conducted by the university	No
Staff training conducted by other institution	01
Summer / winter schools, workshops, etc.	23

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

- Teaching learning methods/ approaches ✓
- Handling new curriculum ✓
- Content / knowledge management ✓
- Selection, development and use of enrichment materials ✓
- Assessment ✓
- Cross cutting issues ✓
- Audio Visual Aids / multimedia ✓
- OER's ✓
- Teaching learning material development, selection and use ✓

c) Percentage of Faculty
- Invited as resource persons in Workshops/ Seminars/ Conferences organized by external agencies **13%**
- Participated in external Workshops / Seminars / Conferences recognized by professional agencies **95%**
- Presented papers in workshops / seminars / conferences conducted or recognized by professional agencies **94%**

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.)

College follows UGC and Ranchi University directives to refresh teachers. As per UGC norms, teachers go for Orientation, Refresher Courses and Workshops. Teachers are encouraged to take up Major/Minor projects and attend Conferences and Seminars (National/International/local) on a regular basis. They are also encouraged to be resource persons in ASC, ATI and similar institutes of repute for dissemination and sharing of knowledge in the process of continuous learning. Emphasis is also provided for academic publications. Faculty enrichment programmes and sensitization workshops are organized regularly.

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.

10 Teachers till date have been awarded at the State/National Level for their research papers.

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

The institution ensures student perception towards the teaching faculty through a feedback system. This is carried on by filling up of the feedback appraisal forms by the students which is provided to them along with the examination forms and due care is taken to maintain their anonymity. The feedback is generated not only for the teaching faculty but also about the college in general. The acquired feedback is then discussed with the concerned teachers for further improvement in the teaching learning process.

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?

The details of evaluation methods that are adopted are communicated to the students at the beginning of the session by the faculty. Sample question papers with the University/ UGC prescribed marking scheme is facilitated among the students. The dates for the tests are announced in advance (at least a week earlier). The examination and evaluation scheme is displayed/announced on the notice boards. The college office remains in touch with the University website for any change in the curriculum and the same is conveyed to the students as well as to the teachers. Academic calendar is given with the handbook, prospectus and newsletter at the time of admission.

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 institution follows the guidelines issued by Ranchi University. In 2017, Choice Based Credit System is expected to be introduced and the college is framing policies in accordance.

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 directives of the university regarding the evaluation reforms are strictly followed by the institution from time to time.
- All the information regarding examinations and evaluation are communicated to the students.
- Evaluated answer books of the students are shown to them in the class and discussed by the respective teachers.

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

- There is continuous evaluation system. For practical based subjects, where the students are tested for experimental analysis and observation, feedback is given to the students during every practical class, to improvise in the concerned areas.
- Students requiring special attention are closely monitored and supervised.
- Terminal examination marks are communicated to the students by the faculty.

FORMATIVE ASSESSMENT: Formative Assessment of the students in the institution that has positively impacted the system is done on the following parameters:
- Assignments, presentations, class interactions, group discussions, viva-voce
- Field visits and Industrial visits
- Workshops/Seminars, Research activities, Projects
- Written and practical tests, Overall attendance and conduct during the session
- Inter college competitions

SUMMATIVE ASSESSMENT: The goal of summative assessment is to evaluate student learning at the end of an instructional unit by comparing it against some standard or benchmark.
- Written Exams, Practical Exams
- Viva voce, Project work

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 behavioural aspects, independent learning, communication skills etc.)**
Improvements in Internal Assessment: Written tests, attendance, presentations, field visits, assignments, seminars, workshops, independent learning, behavioural aspects all add up to continuous Internal Assessment.

Transparency in Internal Assessment: After evaluation of the assignments/tests/projects/ etc. the outcome/results are discussed in the class, results are announced in the class, students are individually counselled, feedback taken from the students for better assessment.

Weightage in Internal Assessment: While evaluating students for internal assessment due weightage is considered for their regularity (attendance), behavioural aspects, class performance and their participation in group discussions.

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 graduate attributes of the college are reflected in its goals and objectives. The motto of this institution is to strive for academic excellence and ensure the fullest development of students' personality. We intend to make them not only capable graduates but also responsible and successful citizens of the country.

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

Our college has a Grievance Redressal Cell which addresses student issues in an informal manner.

- Grievance related to the university like correction in the mark-sheet are forwarded to the university by the college
- The nature of punishment includes verbal as well as written warning, information to the parents, financial punishment and expelling/ debarring from the institute as per the decision of the Academic Committee.

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?**

National Educational Policies are framed by the UGC in consultation with the MHRD and are implemented by the state universities. Our College is affiliated to the Ranchi University, Ranchi and all the curriculum is framed by the university keeping in view the learning goals of the nation as a whole.

By the end of the courses, students learn the following talents and skills:
(i)   Students are able to plan ways to model and/or simulate an answer to the questions chosen,
(ii)   Students attain qualities to select and attribute various sources including electronic and print resources, community resources and personally collect data to answer questions,
(iii)   Students develop skills to communicate scientific ideas, procedures, results and conclusions using appropriate SI units, language and formats.

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 record of students' scores in class tests/selection tests is maintained and used to identify the under as well as the high achievers. The identified students are given special attention in classes accordingly. Record of the university examinations is also maintained course-wise. Course-wise results of the college are compared with the university results and results of previous years as well. The analysis shows that the college has higher results in almost all the courses during last five years.

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 has taken great efforts to generate funds for the construction of new buildings in the college campus and introduce state of art technology to enhance teaching. This investment will continue in the future also so as to ensure that the college teaching spaces are of high quality, the students have access to a range of appropriate and innovative formal and informal learning

spaces. All the departments in the college are having LCD projector, computer and internet facility. The college ties up with the Ranchi University placement cell. College has an academic collaboration with Tata Institute of Social Science (TISS) for National University Students' Skill Development (NUSSD) programme. The college facilitates the students to avail scholarships in professional programmes conducted by external institutions.

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?**

Some measures taken are:

- The college attempts to encourage entrepreneurship among students. A large percentage of students are from rural background and hence understanding their requirements, value added lectures on entrepreneurship skills are conducted so as to promote rural self-employment. This is achieved through field trips. For eg. Department of Zoology and Botany organize trips to Centre of Sericulture, Apiculture, Vermicomposting, and Mushroom cultivation, integrated farming etc. The Department of F.D glorified its creativity by participating in a National level Competition organized by Designer Next India, 2014 as well as putting up their exhibition in the campus of Ranchi Women's College. The students as well as a faculty member were awarded during this programme which was quite laudable by the college.

- Emphasis is laid on developing personal skills among students to prepare them face campus placements. Information and counselling programs related to computer applications, management, banking, railways, SSC are conducted in college itself for the benefit of the students in vocational as well as general arts and science stream. Vocational courses promote Industrial training among students at renowned places like CCL, NIFFT, SAIL, Mecon, GPO, LIC etc.

- For innovation in research aptitude, students are encouraged to undertake, participate in research projects, National Seminar's & Conferences. Workshops organized by Ranchi University Dept. of Electronic & Information Technology and National e-governance Plan (NEGP) on E- governance was a good platform for both the faculty as well as the students to show their literary and research aptitudes. It was a proud moment for the college when one of our faculty and one student won the Best paper award in this very Seminar cum Workshop.

- Students are motivated through personality development and encouraged to participate in activities for social and community service. They are further sensitized on the societal responsibilities through extension activities with NSS.

- Many of our graduates have got placement in the private sector such as mobile agencies, private banks, marketing and sales etc. but the appropriate data is not available to demonstrate it.

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

Frequent interactive discussions are held with the students to obtain feedback about the curricular structure and this is incorporated when curricular modification is made. The data on student learning outcomes is stored in the form of marks (both hard and soft copies) obtained by each student in tests and assignments.

2.6.6 **How does the institution monitor and ensures the achievement of learning outcomes?**

The institution monitors and ensures the achievement of learning outcomes through feedback from the students. The institution organizes terminal examinations, class tests, conducts practical examinations and demonstrations. In all these cases, the answer scripts are shown to the students so that the lacunae can be discussed with the students.

2.6.7 **Does the institution and individual teachers use assured 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.**

Our college follows the continuous internal assessment (CIA). The CIA includes Test, Assignments, Seminar, observations in the practical's, record work and project work etc.

Yes, our college uses assessment/evaluation not only as an indicator tool for evaluating student performance but also curricular as well as faculty performance. The following are the methods of assessment used as indicators of student performance:

Sl. No	Assessment Criteria	Learning Outcome
1	Written Assessment	Improved flow of thought and expression
2	Practical Skill Assessment	Develop learning through practical approaches, resulting in better understanding and fostering creativity
3	Group Assessment	Fosters team work and promotes leadership skills
4	Competitive Assessment	Achieving ranks and recognitions
5	Project Assessment	Helps in gaining in- depth knowledge
6	Attendance Assessment	Leads to regularity and punctuality

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

The College has already been awarded with CPE status and is progressing towards autonomy and eventually aiming to be the first Womens' University of Jharkhand.

Criterion III : Research, Consultancy & 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?
The institution has no recognized research centre at present.

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.
The College has a Research Committee to monitor and address the issues of research. The committee's activities have well defined objectives.

➢   Gathering and disseminating information about the availability of various research grants and funds.
➢   Providing guidance if necessary in the writing of Research Proposals.
➢   Encouraging faculty members to join Orientation/Refresher courses/Workshops on Research Methodology and also deliver lectures as Resource Persons.(Academic Staff College, S.N.Sinha Institute of Business Management, SKIPA, NLU,Ranchi Krishnagar Girls College West Bengal, Nagindas Khandwala College Malad Mumbai)
➢   Facilitating timely submission of proposals, auditing and timely submission of utilization certificate.

COMPOSITION:
The members of the present Research Committee are:

1. Dr. Sr. Jyoti Kispotta, Principal (Chair Person)
2. Dr. Rashmimala Sahu, H.O.D Political Science
3. Dr. Debjani Roy, H.O.D, Geography
4. Dr.Emma Rani Seraphim, H.O.D, Zoology

RECOMMENDATIONS MADE BY THE COMMITTEE:

The major decisions taken by the cell in this respect are:

➢   To maintain a record of the Research Projects (Minor/Major) undertaken by faculty members.
➢   To motivate the teachers in the right direction of Research activities/monitor and address all issues relating to research.

IMPACT: During the last five years (2012-2016) ten teachers have been awarded Doctoral degree and one teacher has submitted her thesis. 09 permanent faculty members have registered for Ph.D.

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**
  Yes, the Principal Investigator is given full autonomy to pursue research schemes /projects
- **Timely availability or release of resource**
  Yes, resources are released timely to facilitate smooth progress of research work.
- **Adequate infrastructure and human resources**
  The institution provides all facilities to the teacher for pursuing their research work by providing
  - Access to Institutional facilities like library, well equipped laboratories.
  - Inflibnet facility and subscribing to Research journals.
  - Wi-fi connectivity to carry out research studies.
  - Departmental laptops/ desktops, screens, LCD projectors.
  - Institution supports teachers who undertake funded projects.
  - Teachers are encouraged to participate in national/International Seminars/conferences/workshops for presenting research papers.

- **Time off reduced teaching load, special leave etc. to teachers.**
  Sanction of duty leave to teachers as and when required
- **Support in terms of technology and information needs.**
  Access to internet facility and library.
  High speed Wifi(leased line),INFLIBNET
- **Facilitate timely auditing and submission of utilization certificate to the funding authorities.**
  Yes, the institution facilitates timely auditing and submission of utilization certificate.
- **Any other**
  Encouraging teachers to deliver lectures as Resource persons, Conduct workshops and allied activities.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?
As an newly formed post graduate college affiliated to Ranchi University, this institution has its own limitations but the qualified teachers serve as role model for the students in inculcating scientific temper and spirit during the class room lectures, practical demonstration, field works, educational trips. Students are also given opportunity to undertake projects and present their research papers in workshops/seminars both at the Inter/Intra college level.

3.1.5 Give details of the faculty involved in active research (Guiding student research. Leading research projects, engaged in individuals/collaborative research activity,etc.)
Details of faculty involvement in active research are:

  - Guiding student research: ---- 06
Faculty acting as research supervisors

Sl.no	Name of Supervisor	Department	No.of candidates registered	No. of thesis submitted
1	Dr. Rashmimala Sahu	Political Science	03	-
2	Dr.Debjani Roy	Geography	03	-
3	Dr.Renu Sinha	Hindi	02	-

4	Dr. Ranju Kumari	Philosophy	01	-
5	Dr. Soni Perwin	Philosophy	01	-
6	Dr. Emma Seraphim	Zoology	01	-

Individual research:

➢ List of Faculties with their Ph.D Topic listed below :

Dept.	Faculty	Ph.D Topic/Thrust area	Year of Award	University /Institution
Botany	Dr. Rashmi Peters	The Morphotaxonomic and Cultural Studies of the Fresh Water algae of Chaibasa	1986	R. U Ranchi
	Dr. Anubhuti Singh	Ethnomedicinal and Phytochemical Studies on Medical Pteridophytes of Ranchi District	2010	R. U Ranchi
	Dr.Indu Kumari	Experimental Morphogenic Studies on *Spondias mangifera* and *Terminalia chebula*	2009	R. U Ranchi
	Dr.Neetu Rani	Cytological Studies of genius Catharanthus Under the Influence of Ethyl Methane Supplement	2008	R. U Ranchi
Chemistry	Ms. Sreerupa Roy	Synthesis and Study of Organic Compounds by Oxidation of Some Selected Classes Though the Application of Microwaves.	Submitted2 016	R.U. Ranchi
Economics	Ms. N. D. Ekka	Female Literacy and Educational Changes in the tribes of some selected states in India.	Regn 2013	R.U Ranchi
	Ms. Jyoti Pandey	Role of MFP in the Household Economy of Forest Dwellers.. A case study of old Ranchi District.	2016	R.U Ranchi
	Dr. C. Sukanya	Corporate Social Responsibility and Corporate Financial A Care Study of Usha Martin Industries Performance	2014	R. U Ranchi
English	Dr. Afrinul Haque Khan	Displacement and Migration Major Theme in the Works of V.S, Naipaul	2011	R.U Ranchi
	Dr. Janet Andrew Shah	Richard Wright's Fiction:ASymbol of Black Protest in America	2009	R.U Ranchi

Geography	Dr. D.Roy	Spatio-temporal Growth of Industries and Its Impact on Urbanisation	1997	Calcutta Univ,Kolkata
	Dr.Sr.Jyoti Kispotta	Urban Impacts on changing pattern of Agricultural land use in East Singhbhum.	2007	R.U, Ranchi
	Dr. Parween Zehra	Prospects of Horticulture in Ranchi District	2003	R. U, Ranchi
	Jyotsna Ekka	Forest degradation and reclamation of the forest and forest land-A case study of South Chhotanagpur Division	Regn.2014	R.U Ranchi
	Sr. Suman	Changing landuse pattern of Ranchi city	Regn.2016	R.U Ranchi
Hindi	Dr.Renu Sinha	Premchand ki kahaniyon me madhyavarg	1983	R.U, Ranchi
	Ms. Shobha Tirkey	Mohan Rakesh Ki Kahaniya aur Manviya Samvedna	Regn 2011	R.U, Ranchi
	Sr.Shobha Beck	Hindi ki aatmakatha parampara mein Tulsiraam ki Murdiya aur manikarnika	Regn.2016	R.U Ranchi
	Dr. Rajni Kiro	Kharia Bhasha Parichay avam Prayog	2013	R.U, Ranchi
	Kanaklata Riddhi	Nagarjun ke upanyason ka vaicharik vaishishthya	Regn 2015	R.U Ranchi
History	Dr. Anjana Singh	Language Culture and Politics in Contemporary Bihar	2009	Patna Univ, Patna
	Dr. Anita Shukla	Science and /technology in Ancient India –A Study in Historical Perspective (300-1000AD)	2006	R.U Ranchi
	Ms. Hansa Dass	Conceptualizing Sufi Philosophy in the Context of Mental Health in Medieval India (1200 A.D.-1600A.D.)	Regn.2012	R. U Ranchi
	Ms. Ayesha Ahmad	Development of Coal Mining Industry of Jharkhand (1991-2010)	2016	R. U Ranchi
Home Science	Ms. Meena Vohra	Etiology and Symptamatology of the behavior problems of children between the age of 6-12 years	Regn 2016	R. U Ranchi
Mathematics	Dr.M.R.	Modelling of real time Vehicle	2009	R. U,

	Nagalakshmi	Routing Problem Using Variant of Ant Algorithm		Ranchi
	Dr.Pinky Pandey	Association Scheme and Coherent Configuration of Hadamard Matrices	2013	R. U. Ranchi
	Ms.Apeksha Prajapati	Modelling and Simulation on Cyber War	2016	BIT Mesra, Ranchi
Philosophy	Dr. Ranju Kumari	Adhunic pashchatya Naitik Sandehvadi vicharon ka samikshatmaka Evam Tulnatmaka Addhyayan.	2006	R.U Ranchi
	Dr. Sony Perwin	The Critical and Comparative Study of the First Order Ethical Inquiries of Spinoza Hume and Sidguerck.	2014	R.U Ranchi
Pol science	Dr. Rashmimala Sahu	A Study of the Political Philosophy of Shri Aurobindo Ghose	2011	R.U Ranchi
	Dr. Jaya Raj Lakshmi	India Nepal Relation:A Study of International Conflict and Co-operation	1993	D.D.Univ. Gorakhpur U.P
	Dr.Jenifar Guria	Relevance of Swami Vivekananda's thought	2013	R.U Ranchi
	Dr.Sr. Sushma Ekka	The Issue of Gender and Politics in Jharkhand	2011	R.U Ranchi
Psychology	Dr. Jyoti Prasad	The Test of NT Model	1991	Magadh University, Bihar
	Dr. Sarwat Jabeen	Tribal School Teachers in Public and Private Schools: A study of their job satisfaction as related to certain Socio-psychological factors.	2003	R.U Ranchi
	Dr. Ira Tripathi	Development of Health Behavior in Children in Relation to Mother's Psychological Characteristic	2002	DDU Gorakhpur University Gorakhpur
	Ms. Vinita Kumari Sinha	Parental acceptance- rejection as correlates of emotional maturity, psycho-social adjustment and academic success of college students.	Regn.2012	R.U Ranchi

Sanskrit	Dr. Nandini Chaudhary	Nyaya Eavam Vaishwik Darshan ke Praman Vichar	1980	R. U Ranchi
Zoology	Dr. Emma R.Seraphim	Endocrine interaction during different Phases of the Reproductive Cycle of Hipposiduos (Lankadiva kelaart)	2002	Institute of Science Nagpur
	Dr. Anjali Smita	A Study of Temperature influence on water Permeability and Accumulation of Heavy Metal (Lead and Copper) in Aquatic Insect	2012	R. U Ranchi
	Ms.Veenapani	Ameliorating Effect of Silicon Dioxide and Calcium Ions on freshwater fish Channa punctatus (Block) under Acid with Metal Stress.	2015	R. U Ranchi
	Ms. Manisha Kumari	Evaluation of Arsenic Toxicity in some Bio Chemical Parameters in Rabbit and its Recovery Potential by Extract of Aloevera	2016	R.U Ranchi

➤ Leading research projects: **7 teachers** have procured grants from **UGC** for minor projects and all of them have already submitted their final report; in addition to this, seven more have applied for research project under RUSA.

➤ **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.**
Department wise details of workshops/seminars/Sensitization programmes:

Computer Application and IT

Year	Topic of Seminar	Eminent personalities
5.01.2009	Robotics	Mr. Mursalin Ansari & Mr.Javed Shahid
2.02.2010	Animation in IT	Ms. Swagata Ghosh, P.G.Deptt of (B.C.A./M.C.A) Ranchi University &Shekh Hasan
2.02.2011	Artificial Intelligence	Swatantra Kumar Madhur & Ibha Sinha, SKMU
22.02.2012	Internet after 10 years	Ms. Anupama Verma, ISM, Pundag & Ritushree Narain, B.C.A., J.N.College, Ranchi
7.02.2013	4th Generation Technology	Dr. Meena Sahay, Ranchi Women's College &Prakash Kumar, Marwari College, Ranchi

13.02.2014	Smart Technology	Dr.Vandana Bhattacharya, Deptt.of Computer Engineering, BIT, Lalpur & Rima Banaik, Senior Group Leader, NIIT, Ranchi.
16.12.2014	Cloud Computing	Dr.S.N.Prasad,St.Xavier's College &Mrs.Dolly Kumari,Ranchi Women's College
24.05.2015	Cyber Security and Hacking(BCA &IT)	Workshop at Chambers of Commerce,Main Road,Hinoo By Niranjan Kushwaha and Team
20.01.2016	Knowledge Empowerment Programme(BCA &IT)	A.K.Mishra,Mishra Institute, Ranchi
5.02.2016	Special Lecture on Cyber Crime (BCA &IT)	Niranjan Kushwaha, NLS Comp.Jharkhand
11.02.2016	Cyber Security	Mrs.Archana Kumari,Marwari College & Mrs.Anjana Kumari,Marwari College
02.03.2016	XISS Career Counselling(BCA &IT)	XISS Team Experts from IT
11.03.2016	Ethical Hacking Security Measures(BCA& IT)	Workshop at Jharkhand Rai University in collaboration with IIT,Madras
03.02.2017	Green Computing	Anita Verma, H.O.D Computer Science, Rai University, Ranchi Purnima Srivastava,Deptt.of ComputerScience, RWC

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Date	Topic	External Experts
2nd Feb, 2011	Artificial Intelligence	Swatantra Kumar Madhur & Ibha Sinha,SKMU
17th Jan, 2013	Electronic Payment System	Mr.D.SVerma(Proff) Dept Of IT, Govt. of Jharkhand
9th Feb, 2014	Li-Fi Technology	Mr. Dharamraj Kumar, Prof., Dept of CA, J. N. College, Ranchi
22nd Nov,2014	Seminar on Geographical Information System	Mr Rahul Deo Shah .Asst Professor, Ranchi University.
9th Feb.2016	Seminar on Digital India	Mr. D.S.Verma Government of Jharkhand and Department of IT,Ranchi

Economics

Date	Topic	External Experts
17/01/ 2012	Career Counselling "Tourism"	Mr. Kaushik Dutta & Mr. Tanveer from UAExchange
21/01/2012	"Economic Thinkers"	Mrs Rama Khalkho, Mayor of Ranchi
12/12/2014	Interactive session	Dr. Ramesh Sharan, H.O.D Economics, RU
10/03/2015	Quantitative techniques	Dr. Ramesh Sharan, H.O.D Economics, RU
28/01/2016	How to face an interviews	Mr. A.J Prabal
10/02/2016	Human resource development	Prof. S.R.Shauqe,Deptt.of HR, XISS,Ranchi

Zoology

Event	Place	Activities	Chief guest
2012	Nirmala College Ranchi	Application of Project Work	Dr. B. K. Sinha (H.O.D Zoology, SSM College)
2013	Nirmala College Ranchi	Work shop on Chromatography & Microscopy	Dr. B. K. Sinha(H.O.D Zoology, SSM College) & Dr. Gautam Aditya,(Calcutta Univ)
02/03/2016	Nirmala College Ranchi	Health camp on blood group detection	Dr. Priyanka Kumari, DGO,Matri Chhaya Hospital, Ranchi

Geography

Date	Category	Topic	Expert
21.01.2012	Student Seminar	Resource Utilization	Dr. Nitish Priyadarshi,Geologist
23.01.2013	Student Seminar	Natural Hazards and their Implications	Dr. Kirti Abhishek, BIT Mesra
07.05.2013	Foundation Day Lecture of AGBJ	Locational conflicts and their significance	Prof.R.B.P.Singh (Patna University)

01.12.13-02.12.13	National Seminar	1.Development and Conflicts 2.Migration and Conflicts 3.Interregional conflict	1.Prof.Sudeepto Adhikari (Patna Univ) 2.Prof. Anuradha Banerjee (JNU) 3.Prof.N.C.Jana (Barddhaman Univ)
27.1.14	Annual Day Celebrations	Monsoon and rainfall distribution in India	Prof A.Wadood (Birsa Agricultural University)
12.12.14	Lecture Series	Jharkhand-People & Economy	Prof.Ramesh Sharan,H.O.D(Eco) Prof.R.K.Tiwari, H.O.D (Geography)
24.3.14	National Cartography Day	Cartographic Techniques	Prof. A. Sarkar Netaji Subhas Open University, Kolkata
16.3.15	Student Workshop	GIS & Remote Sensing	Dr.Vijay Baraik, Asso Prof,IGNOU
5.11.15 6.11.15	5thAnnual Conference (Konkan Geographers Association of India) &ICSSR/UGC Sponsored National Seminar	Environmental Degradation-Challenges and Remedies	Prof.L.N.Ram, Ex.Vice Chancellor, (Patna University) Prof.H.M.Pednekar,(Mumbai University) Prof.Ravi S.Singh (BHU, Varanasi)
4.3.16	Sister Priscilla Memorial Lecture	Role of Human resource in Developing World	S.R.Shauq, Asso Prof.XISS
17.2.17	Student Seminar	Environment and Tourism	Prof.R.K.Tiwari, H.O.D (Geography)
17.3.17	Sister Priscilla Memorial Lecture	Role of monoon in Indian climate	Prof A.Wadood (Birsa Agricultural University)

Philosophy

Date	Activity	Expert
26.09.11	Lecture on Values of Ethics Establishment of Philosophy Association - "Jyotirmarg" (Path of Light)	Prof. Dr. Debasish Guha, Professor, Department of Philosophy, University of Allahabad.
2014	Educational Trip with teachers and students (B.A.-I & B.A. – II) of Philosophy to Yogada Satsang Ashram for a special lecture on holistic growth.	Lecture delivered by Swami Pranavanandji(Yogada Satsang Ashram) on study of applied ethics and environmental ethics in our daily life.

Hindi

Date	Seminar	Expert
27.9.2014	Hindi ke prati samrpit hone se hi vikas sambhav.	1. Dr.J.B.Pandey College Inspector R.U & Prof. Hindi Department R.U. 2. Dr. Neera Parmar Rtd., Prof. Nirmala College
19.9.2014	Rastryabhasha hindi ki dasha and disha	Dr. Shailesh Pandit, Director General,Ranchi Doordarshan, Ranchi Dr. Pramod Kumar Jha, Director,Ranchi Doordarshan, Ranchi
23.9.2015	Hindi ki mahtta	Dr. Ashok Priyadarshi,(Retd. Prof) Ranchi Univ. Ranchi Dr. Neera Parmar,Poetess & Retd Prof. Ranchi Univ
3.2.2016	Hindi vishwa bhasha Hindi: Durdasha apne rashtra mein	Dr. Neera Parmar, Poetess & Retd Prof. Ranchi Univ Dr. Kamal Kumar Bose, Deptt.of Hindi, St.Xaviers College, Ranchi

History

Date	Topic	Guest
20.02.2010	Revolution that change the world history	Dr. Ratna Banerjee (Ex-HOD, History) Nirmala College Ranchi)
	Lesser known freedom fighter	Dr. Sudha Sinha (Associate Prof. Ranchi

Date	Topic	Guest
		College RU)
03.02.2012	Indo Islamic Culture	Prof. I.K. Chaudhary (HOD PG Dept. RU Ranchi)
31.01.2013	Revolutionaries of India	Dr. A. K. Chattoraj (HOD, Hist. Ranchi College RU)
11.02.2014	Socio Religious Reform Movements of Nineteenth Century	Dr. Meena K. Soren (Associate Prof., Ranchi Women's College)
27/8/2015	Alternative career opportunity	Promad Kumar,Course Coordinator,Deepshikha.
12/02/2016	United Nation Organization	Dr.D.K. Sharan Dr.Ratna Banarjee.
12/09/2015	Women empowerment through sericulture	Dr. G. S.Singh, Tassar Research Institute Dr.ZMS.Khan,Senior Scientist,TRI
19/11/2016-20/11/2016	National Seminar:Women in colonial & Post colonial India: with special reference to Jharhand"	Dr.Alpa M.Shah, Deptt.of Anthropology,LSE, U.K Dr. Swati Parashar, Deptt of IR, Monash Univ, Melbourne Dr. Rekha Pande, Centre for Women Studies Central Univ. of Hyderabad Dr.H.K.Patel, Deptt.of History, Rabindra Bharti Univ, Kolkata
2/2/2017	Student Seminar on "Caste and politics in independent India"	Dr. Beena Pandey, HOD, PG Deptt of History, Ranchi University.

Botany

Date	Topic	Guest
26/11/2014	Plant pathology and conservation of plant by bacterial and fungal disease.	Dr. Sudarshan Maurya, Scientist, Harp, ICAR, Plandu.
17/12/2014	Crop disease in Jharkhand	Dr. Kausal Kumar. BAU.
12/09/2015	Women empowerment through sericulture	Dr. G. S.Singh, Tassar Research Institute Dr.ZMS.Khan,Senior Scientist,TRI
04/03/2017	Mashroom cultivation	Dr. Sudarshan Maurya, Scientist, Harp, ICAR, Plandu.

Mathematics

Seminar	Date	Guest
Workshop on Computer skills	10.10.2015	Mr Pradeep Kumar Prajapati, Senior software Engineer, RS Software ,Kolkata

Zoology

Year	Seminar/Workshop	Chief guest
2010	Cellular disease	Dr.Abha Prasad
2011	Economic Benefits of Insect	Dr.N.S.Sen
2012	Application of project work	Dr. B.K.Sinha(H.O.D Zoology, SSM College)
2013	Work shop on Chromatography & Microscopy	Dr.B.K.Sinha & Dr.Gautam Aditya,(Calcutta Univ)
2016	Health camp on blood group detection.	Dr.Priyanka Kumari

Psychology

Date	Seminar Topic	Chief guest
21/11/2014	The journey of Psychology	Dr. D. R. Choudhary, Ex Head, Deptt of Psychology, Nirmala college
30/11/2015	Internet addiction and social value	Dr.S.N.Keshri,HOD,Psychology ,Gossner College
7th-8th Feb,2016	ICSSR Sponsored National Seminar & Annual Conference,IPA Mapping practices in Psychology:Critical Issues and Current Perspectives	Pro.Tarinijee,H.O.D.Commere College,Patna Prof.JitendraMohan,Emeritus Professor,Chandigarh University Prof.NavedIqbal,H.O.D.Jamia Milia University
1/12/2016	Contribution of Freud and its relevance in modern times	Dr.S.N.Keshri,HOD,Psychology ,Gossner College
06/09/2016	Student Career Counselling	Manoj Kumar Gupta, NIBM

Political Science

09/02/2014(Workshop)	Urban government in Ranchi & voting awareness.	Mrs Shashi Singh,Ward Councillor
12/09/2015(Workshop)	Women empowerment through	Dr. G. S.Singh, Tassar

	sericulture	Research Institute Dr.ZMS.Khan,Senior Scientist,TRI
18/12/2015	Emerging dimensions of Human Rights in 21st Century	Dr. Tulu Sarkar,H.O.D.P.G deparment,R.U
09/02/2016	Popular movements in India	Dr.Reena Nand,Ranchi College and Geeta Mukherjee
14/03/2016-15/03/2016	Gandhi ,youth volunteerism & Constructive work (In collaboration with Pratigya,Gandhi Smriti Darshan under Ministry of culture)	Padmashri Ashok Bhagat, Shahid Akhtar &Ajay Kumar.
02/02/2017	Woman leaders- Change makers	Dr.Suchhi Banwar, Astt.Prof Ranchi University

Commerce

Date	Topic	Expert
27.1.15 & 28.1.15	Lecture on Produce Exchange & Stock Exchange	Mr. Shayanul Haque, Astt. Vice President, Barclays Bank, Chennai
4.12.15	Lecture on Entrepreneurship	Dr. Rabindra Kumar, Astt Prof. Yogoda Satsang, Ranchi
8.1.16	Calculation Techniques & Test Taking strategies	Dr. Santosh Kumar, Director, Career Launcher, Ranchi
20.1.17	Career Counselling Programme	J.P.Verma, Kejriwal Institute of Management, Ranchi
6.8.16	Communication skills	J.P.Verma, Kejriwal Institute of Management, Ranchi

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The research activities by the faculty and students of the college primarily focuses on enhancing subject knowledge and promoting community development. The College also promotes need based research within the campus. There are some research activities that can prove beneficial in the field of Industry, Agricultural needs, community development, conservation of environment.

Researches of the faculty of Science, Humanities and Social Sciences have the objective of contributing to subject knowledge in the following areas as per the details provided in 3.1.5.

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

Organizing College/State/National level seminar/Workshops/Special lectures inviting eminent researcher as Resource Persons to share their knowledge, expertise and experience and interact with teachers and students.

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?**

There is no provision of sabbatical leave for research activity at present.

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).**

The Post Graduate Department of Geography, motivated students to conduct "incampus survey" and present their findings in form of Research Papers. Their findings from empirical research were used for enhancing the knowledge base with respect to key areas of the College eg Library, Canteen, Campus and so on.

3.2 **Resource Mobilization for Research**

3.2.1 **What percentage of the total budget is earmarked for research?**

At present, the institution does not allocate any financial assistance.

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 College gives seed money for conducting national level seminars and workshops.

3.2.3 **What are the financial provisions made available to support student research projects by students?** NA

3.2.4 **How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.**

The institute encourages the undertaking of inter disciplinary research through inter personal departmental interactions and paper presentations. During National Seminars held at regular intervals, faculty members from various departments participate and present research papers. The College has come out with two ISBN publications which are a compilation of research papers presented during the Seminars.

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

The staff and students have been extended the facility of Main library, Departmental library, Science laboratories, Wi-Fi connectivity, **Infibne**t, for updating their knowledge and carrying out research oriented studies. The Main Library of the institution has a collection of

Newspapers, Journals, Magazines, Educational CD's etc. Botany and Zoology labs are well equipped with lab instruments/ apparatus needed for research.

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.**

Apart from UGC grants, the College has received RUSA grants under Component 7. The College has also received grants after being shortlisted for CPE in 2016.

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

Minor Projects	Duration in Years	Title of the project	Funding Agency	Total Grant		Total Grant Received
				Sanctioned	Received	
1.	2011-2012	Social and Economic condition of the tribal Women of Jharkhand	UGC	96000	96000	
2.	2011-2013	Evaluation of Arsenic Toxicity in some Biochemical Parameters in Rabbit and its Recovery Potential by extracts of Aloe vera	UGC	196000	139000	
3.	2012-2014	Ameliorating effect of silicon di oxide and Calcium Ions on fresh water Channa Punctatus (Bloch) fish under Acid with metal stress	UGC	178000	124000	
4.	2013-2014	A study on the effect of an artificial sweetener (Aspartane) on some serum biochemical variables and histological alterations in Diabetics and non diabetic Wistar Rates UGC	UGC	165000	132750	
5.	2013-2014	Studies on antibacterial activity of crude extracts of *Euphorbia hirta.*	UGC	173000	124000	
6.	2014-2015	A study of Adjustment in relation to Neuroticism and emotional intelligence in Adolescent children of tribal and non tribal population of Jharkahnd	UGC	300000	2.2Lakhs	

3.3 Research Facilities

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

Libraries, INFLIBNET, laboratories with different equipments/apparatus and chemicals, computer with internet connection facilities are available to the students and teachers.

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 IQAC in its annual meetings discusses institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of various departments and equip them with the necessary requirements according to the funds granted from UGC and other sources. The College also gives seed money to Departments for organizing national level workshops and seminars.

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.

The UGC grants has been utilized from time to time by the college for up-gradation of infrastructure, lab instruments, educational aids, laptops, white boards, projectors and hard disks for most of the departments.**RUSA grants to the extent of 1.5 crore has been received out of which Rs 38lacs have been utilized for procurement and the remaining amount has been utilized for infrastructural upgradation and renovation in 2015-2016**

XIth Plan

S.No	Item	Purpose	Amount Approved	Amount Received
1	XI Plan College	OKS, Journals /or Equipment	0	110976
	Development	1st Installment		
2	XI Plan College	Books, Journals & Equipment	0	110976
	Development	2nd Installment		
3	XI Plan College	Books, Journals & Equipment	0	554880
	Development	3rd Installment		
4	Merged Scheme	Merged Scheme		
		Entry in Service – Recurring	600000	120000
		Entry in Service - Non - Rec.	500000	500000

		Counselling Cell	60000	60000
5	Merged Scheme	Merged Scheme		
		High SC/ST/OBC/M	450000	90000
		Remedial – Recurring	600000	120000
		Remedial - Non – Recurring	500000	500000
6	Merged Scheme	Merged Scheme		
		Networking Resume Centre(MS)	100000	90000
		Equal Oppourtunity Centre	150000	30000
7	Additional Grant	Additional Grant (Equipment)	1490620	745310
	(Equipment)	1st Installment		
8	Merged Scheme	Merged Scheme		
		Remedial – Recurring	600000	300000
		Counselling Cell – General	300000	60000
		Entry into Services – Recurring	600000	300000
9	Additional Grant	Additional Grant (Equipment)	1490620	596248
	(Equipment)	2nd Installment		
10	Merged Scheme	Merged Scheme		
		High SC/ST/OBC/M	450000	315000
		2nd Installment		
11	Additional Grant	Additional Grant (Equipment)	2473000	1236500
	(Equipment)	1st Installment		
		Total	10604240	6079890

XIIth Plan

S. N.	Scheme	Purpose	Approved	Amt. already sanctioned	Amt. already sanctioned (At Present)	Total Received
1	Merged Scheme	Eq. Op. Centre Remedial - Recurring Entry into Services - Recurring	0	0	37500 150000 150000 337500	37500 150000 150000
2	College Development	Books & Journals Equipment			212500 212500 425000	212500 212500
3	Adhoc on account Grant	Development Assistance	1700000	425000	255000	680000
4	Internal Quality Assurance Cells (IQAC)	Head of Account: Office Equip-ment, Honorarium, Hiring Service, ICTs Communication Exp & Contingencies etc.	300000	0	300000	300000
5	XIIth Plan College Development	Plan Block Grant-Head -31 Plan Block Grant-Head -35	439425 1757700	0 680000	175770 23080 198850	175770 703080
6	Grant-in-Aid XIIth Plan	Geography Seminar/Conference	100000	0	75000	75000

Minor Research Project 2014-2016

S.N	Item	Purpose	Amount Approved	Amount Received
1	XII plan	MRP Recurring	108000	54000
2	XII plan	MRP Recurring	160000	64000
3	XII plan	MRP Recurring	65500	5173

UGC XII plan Additional Grant

S.N	Item	Purpose	Amount Approved	Amount Received
1	XII plan	Additional Equipment	2473000	29826

Seminar/Conferences

S.N	Item	Purpose	Amount Approved	Amount Received
1	XII plan	Seminar (Dept. Psychology)	150000	120000
2	XII plan	Seminar (Dept. History)	150000	120000
3	XII plan	Seminar (Dept. Geography)	150000	120000

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

Students are encouraged to participate and present in inter-college seminars/workshops, tech fests organized by various institutions and also won prizes.

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

There are 62 journals and 30,000 books in the library. The library is fully automated and is upgraded with INFLIBNET to facilitate research. A reprographic machine has been installed in the library for both students and faculty. The library has a 150 seater reading room. The entire campus is wifi enabled to access internet.The labs are equipped with different apparatus that are urgraded periodically.

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.**

The College has upgraded its laboratories and main library under RUSA scheme to facilitate research work within the campus. Inflibnet facilities are made available for potential research.

3.4 **Research Publications and Awards**

The College has to its credit two research publications based on the research papers presented at two National seminars organized by the Department of Geography. Both the publications were produced in collaboration with the UGC.

3.4.1 **Highlight the major research achievements of the staff and students.**

Year	No.of faculty	International level	National level	State Level
2011-2012	Attended Seminars/Workshops	06	21	16
	Presented Papers	05	21	15
	Resource persons		01	02
2012-2013	Attended Seminars/Workshops	07	31	14
	Presented Papers	05	29	14
	Resource persons		02	01
2013-2014	Attended Seminars/Workshops	03	34	08
	Presented Papers	01	34	07
	Resource persons		02	
2014-2015	Attended Seminars/Workshops	06	32	10
	Presented Papers	04	26	12
	Resource persons		04	01
2015-2016	Attended Seminars/Workshops	11	54	05
	Presented Papers	11	25	10
	Resource persons		05	02

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?

NA.

3.4.3 Give details of publications by the faculty and students:

Faculty	Publications
Dr. Rashmi Peters, Botany	1. New algae to India from Chaibasa (Bihar). Perspectives in Phycology, :77-81.1990.
Dr. Anubhuti Singh, Botany	1. Medicinal plants in around Birsa Agricultural University, Kanke, Ranchi. Int. J. Mendel.,23 (1-2) : 21 – 22,2006, 2. Diversity and distribution of water fern in Ranchi District. Biospectra.Vol.3(1), pp133-136,2008. 3. Ethnomedicinal and Phytochemical studies on Marsilea minuta of Ranchi.Indian Fern J. Vol.27,78-82,2008. 4. Phytochemical studies on medicinal water fern Ceratopteris and Marsilea. Biospectra. Vol4 (2), pp385 - 388, 2009. 5. Ethnomedicinal uses of some pteridophytes. Mendel. vol 26(1-4) pp7, 2009. 6. Ethnomedicinal and phytochemical studies on *Equisetum diffusum* D.Don of Ranchi district. Anubhuti singh and usha sinku. International journal for exchange of knowledge: 2(1):67-68, 2015. ISSN NO- 2394-1669. 7. Pteridophytic flora of ranchi district, Jharkhand. Anubhuti singh and usha sinku. Indian fern J.32:166-172, 2015. ISSN NO.0970-2741.
Dr. Indu Kumari, Botany	1. In vitro regeneration and Callus formation of Spondias mangifera (L) from shoot tips : A valuable medicinal plant.The Bioscan; 3(2) : 217- 220,2008. 2. Tissue culture of Spondias mangifera (L.): An important medicinal plant for control of diarrhea.Biospectra, vol 3(2), pp – 315-318, 2008. 3. In vitro regeneration and callus formation from leaves of a medicinal plant," Spondias mangifera (L.)". Bionature; 28 (2):79 – 83, 2008. 4. In vitro root,stem development and callus induction from different parts of Spondias mangifera (L.). Biospectra; vol 4(2), pp 375 – 380,2009 . 5. In vitro regeneration and Callus formation of T.chebula (Retz.) :An important medicinal plant for control of Jaundice.J.Haematol. & Ecotoxicol; 6(2):95 – 99,2011. 6. Tissue culture of Vigna radiata (L.) – An important medicinal plant for cancer.J Haematol. & Ecotoxicol. 6(1) : 53 – 57,2011.

	7. Extraction of secondary metabolites from Vigna radiata.J.Haematol. & Ecotoxicol. 6(2) : 91 – 94, 2011. 8. In vitro micropropagation of Vigna radiata L. – An important medicinal plant for cancer. Proceeding of UGC sponsored National Seminar ; pp 35 – 37,2011. 9. Tissue culture of T.chebula (Retz.) : An important medicinal plant for control of Leprosy. Biospectra ; vol (1),pp 187 – 190,2012. 10. Antibacterial activity of leaf extracts of Euphorbia hirta L. against Escherichia coli and Staphylococcus aureus. Biospectra; Vol.9(1), pp 259 – 262,2014. 11. Effect of Methanol extract of different parts of *Euphorbia hirta* L. against *Escherichia coli* and *staphylococcus aureus*. Indu kumari. Mendel International journal, volume: 31(3-4) sept-Dec.2014. ISSN – 0970-9649. 12. Impact on development: Loss of plant diversity and composition in Kanke Block, Ranchi District Jharkhand pp 263-266 in Debjani Roy & Kirti Avishek *Ed* Development & Conflict, Mitram Publishers, Kolkata 13. "Effect of deforestation and development on plant diversity in Kanke Block, Ranchi district of Jharkhand.", *Environmental Crisis*, ISDR, ISBN- 978-93-84686-03-1, Page no-263-266 . 14. "Antibacterial activity of bud of *E.hirta* extract against S.aureus.", *Indian Journal Of Applied Research* , Peer Reviewed & Referred International Journal. ISSN No:2249-555X ,Impact factor:3.919, October-2016,Vol .VI,pp 307-308.
Dr. Neetu Rani, Botany	1. Medicinal plants in around Birsa Agricultural University, Kanke, Ranchi. Int. J.Mendel.,23 (1-2) : 21 – 22,2006, 2. Cytological studies in two varieties of Catharanthus roseus.Int. J. Mendel., 23 (1-2):59-60,2006. 3. Survey and study of Medicinal plants curing different diseases in and around Birsa Agricultural University, Kanke, Ranchi. Int. J.Mendel., 23(1-2):19 – 20,2006. 4. Genetic divergence in the genus Catharanthus. Advances in plant Sciences.,23(1): 249 -251,2010. 5. Stomatal studies in Catharanthus roseus (L.) G.Don. Advances in Plant Sciences; 23(1): 301 – 303, 2010. 6. Effect of Ethyl Methane Sulphonate on Catharanthusroseus (L) G.Don. Advances In Plant Sciences, 23(11) : 677 – 680, 2010. 7. Karyotype analysis of Catharanthus pusillus (Murray) G. Don.52 (3) :141 – 143,2009. 8. Karyomorphological studies in the genus Catharanthus.,71 (1) :55 – 60,2011.

	9. EMS induced mitotic abnormalities in *Catharanthus roseus. Journal of Global Biosciences vol.4* special issue 1,pp.1816-1823,2015.ISSN NO. 2320-1355. 10. Prospects of biofules in india as source of bioenergy and its role in mitigation of carbon emission: A Review *IJEK*.vol. 3(1); 20-26, 2016.ISSN NO.2394-1669. 11. Mutagenic Effect of EMS on pollen mother cells of *Catharanthus roseus*(L.)G.Don *Chromosome Botany*, 11(3);2016 ONLINE ISSN NO.-1881-8285.
Ms. Sreerupa Roy, Chemistry	1. Synthesis, Spectroscopic Structural Characterization and Antimicrobial Studies of 1, 3- Dithia- 2-arsacyclohexane Derivatives with Oxygen and Sulfur Donor Ligands. J. Asian Chemical Society, 2011; 61(22): 3687-3692 ISSN 0976-0970. Fuel Cells: Fuelling the future. Advances in Chemical Science & Technology, 2013; 8:132-137 ISSN 1996-7489 2. Sreerupa Roy, Sanjay Prasad Mishra, Hari Om Pandey, Microwave assisted synthesis and study of some Chromium (III)complexes of ortho-vanillin with TBC, *J. Chemtracks*, 2015, 17 (2), 307-312. (p-ISSN: 0973-239X) 3. Sreerupa Roy, Hari Om Pandey, Microwave assisted synthesis and IR spectral analysis of a few complexes of 4-Hydroxy-3-methoxybenzaldehyde with ditertiary butyl chromate,*International Research Journal of Engineering and Technology (IRJET)*, 2016, 3 (2), 1058-1061. [Impact Factor 4.42] [e-ISSN: 2395 -0056, p-ISSN: 2395-0072]
Ms. Jyoti Pandey, Economics	1. Forest policies and NTFB based livelihoods in India:Need for better interventions, Indian forester 140(6):563-369, 2014, ISSN no. 0019-4816 2. FRA implementation in Jharkhand, Avataran, Spring & Summer 2014 : 42-51, ISSN www. Ismtrust.com/avatarn 3. Devolution and delusion: Moving from conflict to empowerment in forests in Debjani Roy & Kirti Avishek *Ed* Development & Conflict, ,(2015) ISBN 978-93-80036-75-5 *pp* 84-95 Mitram Publishers Kolkata

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Mrs. Veenapani, Zoology	1. Community Structure of benthic malacofauna in a freshwater lake at Ranchi. Biospectra, vol. 1 (1), 2006, pp.77-86.ISSN:0973-7057 2. Surface Ultrastructural changes in the gills of an Indian stenohaline catfish, Clarias batrachus (LINN) under acute acid and aluminium stess, The Ecoscan 3 (3&4), 2009, pp.221-226. ISSN: 0974-0376 3. A scanning Electron Microscopic Study of the Gills of an Euryhaline Teleost, Setipinna Phasa Hamilton, The Bioscan, 4(3), 2009,pp. 471-474.ISSN:0973-7049 4. An Ameliorating effect of Calcium in Aluminium Toxicity in Gills of Channa punctatus(Bloch),The Ecoscan: Special issue,1,2012,pp. 457-463.ISSN: 0974-0376. 5. Recovery in Acid Aluminium Induced Toxicity in Gills with Silicon Dioxide in Channa punctatus (Bloch), Asian J.Exp.Sci.,27(1), 2013, pp. 9-17. ISSN:0971-5444
Mrs. Manisha Kumari, Zoology	1. An Ameliorating effect of Calcium in Aluminium Toxicity in Gills of Channa punctatus (Bloch), The Ecoscan: Special issue, 1, 2012,pp. 457-463. ISSN: 0974-0376. 2. Primary and Secondary Stress Response of Channa punctatus to sublethal aluminium toxicity,Journal of Applied Sciences in Environmental Sanitation:7 (2), 2012,pp. 125-130,ISSN:0126-2807 3. Impacts of Arsenic Trioxide in some Renal Parameters in

| | Oryctolagus cuniculus (The Biobrio,ISSN: 2393-9508), volume 2, Number 1& 2: 2015(International Journal) |
| | 4. Impacts of Arsenic Trioxide on selected liver enzymes in Oryctolagus cuniculus, (Biospectra; ISSN:0973-7057), volume 10(2) sept. 2015 (International Journal) |

Details of Books with ISBN Number are listed below: 06

Faculty	Book	ISSN/ISBN	Publishers
Dr.Debjani Roy	Population Geography	ISBN 978-93-84294-62-5	Books & Allied Kolkata
Dr.Debjani Roy	Population Geography	ISBN 978-93-5212-469-5	Konkan Geographers Association of India, Sindhudurg, Maharashtra
Dr.Debjani Roy	Development & Conflicts	ISBN978-93-80036-75-5	Mitram Publishers Kolkata
Dr.Debjani Roy	Environmental Degradation Challenges and Remedies	ISBN 978-93-82847-80-9	R.K Books , New Delhi
Dr. Nandini Chaudhary, Sanskrit	Naya awam visheshik darshan ke praman vichar	978-81-909350-0-5	SK Publishers 2005
Dr. Nandini Chaudhary, Sanskrit	Puranik katha sankalan part-1, Puranik katha sankalan part-II(in process)	978-81-909350-0-5	SK Publishers 2011

3.4.4 Provide details (if any) of
   * Research awards received by the faculty:

Faculty	Award
Dr.Rashmimala Sahu	Received the First Prize award in the paper writing contest on ICT, in the one day workshop on e-governance organized by Ranchi University, DEITY&NeGP, 2012.
Dr. Afrinul Haque Khan	Best Paper Presenter award for the presentation of paper titled 'From Text to Cinema: Naipaul's Mystic Masseur Faces Camera' in the international conference on 'Literature to Cinema

	:Appropriation, Adaptation, Adulteration' organised by Department of Humanities and Social Sciences, National Institute of Technology, Durgapur, West Bengal, India June 2013.
Dr. C. Sukanaya	Best paper award in HRM & Marketing Management Segment in IX International Conference on Finance and Business Management ICFBM-14, 11-12 July 2014, Organised by Univ dept. of Commerce and Business Management RU, Ranchi in association with STMP.
Dr. Sony Perwin	Prof. P.B.Vidyarthi Snenlata, Best Paper Award, 2017, in 10th annual Conference of Mahila Darshnik Parishad, 2nd -5th February 2017 "Psychological basis of Ethics: With special reference to Spinoza
Dr. Veenapani	Prof. Ashok Sinha Memorial Award for Best Young Research Scholar Award in 3rd National Conference 11th & 12th December 2012, organised by Dept. of Zoology,S.S.Memorial College, Ranchi, Jharkhand. Paper title: "Recovery in Acid Aluminium Induced Toxicity in gills with Silico dioxide in *Channa Punctatus*".
Dr. Jyoti Prasad	Best paper award in National Seminar on "Sufism and Humanity: A Psychological perspective in India" held on Nov 19th-20th 2016, organized by University Department of Psychology Ranchi University Ranchi entitled "Towards an era of global humanism: Sufism as a Psychological awakening"

*   **recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally -**   NA

*   **incentives given to faculty for receiving state, national and international recognitions for research contributions -**   NA

3.5   Consultancy

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

The Department of Geography celebrated National Cartography Day in association with Indian National Cartography Association and Geological Survey of India on 24th of March 2014 (Student Workshop).

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

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

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

NA

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?**

NA

3.6 **Extension Activities and Institutional Social Responsibility (ISR)**
All extension activities and Institutional Social Responsibility carried under the banner of NSS wing, Alumni Association (AREN) and Women's Cell.

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 has an NSS unit with two faculty members as Program officers.   200 students are enrolled with the unit.
 ➢ The college has an active Women Cell with 4 faculty members.
 ➢ The college also has 'RED RIBBON CLUB', which works to create awareness about HIV AIDS amongst youth.
 ➢ Faculty member of the institution contributed one day salary through PMO relief fund for Uttrakhand calamity, 2013. Students also made voluntary contributions in various programmes/awareness camps, rallies organized by NSS wing & women cell.
   The details have been attached in **3.6.4**

3.6.2 **What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?**
The college promotes students involvements in various social movements and activities by organizing various awareness camps, Health & Hygiene Camps (in collaboration with State AIDS Control Society and concerned Medical Specialists), Organising Rallies, Peace March Protests (Against rape and sexual harassments, Rallies to spread awareness on serious environmental issues like hazards of Polybags, receding Water Table in the State, Poster making on eco friendly issues like water harvesting, water and energy conservation. Students' Union Elections are also held to elect student representatives/office bearers. This helps the students to acquire skills in Policy making, self governance, democratic rights and leadership qualities.
The college has also undertaken the distribution of relief material to the victims of natural calamities in the hour of need.

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

➢ The institution solicits stakeholder perception on the overall performance and quality of the institution through regular meetings of IQAC, Alumini association of the college, interaction with the parents of weak and irregular students.

➢ Periodically getting feedback and appraisal from the students and elected representatives of student unions/media reports.

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

N.S.S ACTIVITIES
Participation details of students in NSS activities

Year	Events	College level	University Level	State Level	National level
2011	1. Training Programme on Career Counselling for Youth Functionaries held from 04/01/2011 to 06/01/2011 2. Peer Educators and Programmes Officer Training" from 14th-16th March 2011 3. Training of trainer on peer educators was held on 18th to 21st May 2011 4. Rally to observe "International Day Against Drug Abuse and Illicit Trafficking." on 26th June 2011. 5. A meeting was convened by Vice – Chancellor of Ranchi University for "Review of N.S.S in Jharkhand" on 23rd July 2011 6. A Rally was organized on the occasion of 26th Eye Donation Fortnight on 29th August 2011 7. International Literacy Day"A Rally was taken out on 8th Sept2011. 8. Pre- Republic Parade Selection from 01.10.2011 to 10.10.2011 9. NSS Special Camp from 12th Sept. to 19th Sept. 2011 10. Closing function of NSS Special Camp on 19th September 2011	150	358	-	02

2012	1. A Rally on 'Blood Donation' by Red Ribbon Club on 21st March 2012 2. A Poster Competition by Red Ribbon Club on "HIV/AIDS affected person". on 10th January 2012 3. Essay writing Competition"HIV/ AIDS affected person in the society" on 15th February 2012 4. Quiz Competition on HIV/AIDS awareness on 15th February 2012 5. Mountaineering Training Programme from 27/06/2012 to 06/07/2012	117	-	-	02
2013	1. Inter College Essay writing and slogan writing Competition On 7th January 2013. 2. National Youth Week - from 12th January to 19th January 3. Poster Making Competition and Quotation Writing Competition were held on 16th January 4. A Motivational speech On Thursday 17th January. 5. Rally on National Youth Week on Saturday 19th January 6. "International Women's Day on 8th March 7. Technical session on of HIV/AIDS awareness on 8th March 8. A Legal Awareness Programme on 23rd March. 9. A Rally on "International Literacy Day" on 8th September. 10. 10.N.S.S.Foundation day on 24th September 11. Special Camp from 14th Oct-20th Oct. on the theme 'Health Awareness' 12. Free Physical Check-Up on 16th Oct 13. Free Eye- Check- Up was done on 19th Oct 14. Closing programme of special camp was on 20th Oct. 15. Seminar on 'World Volunteers' Day' on 5th December. 16. "Remove Night Blindness Abhiyan" on 10th December 2013.	3370	62	-	-
2014	1. Launching of the Book on National Youth Policy 2014 and Rajiv Gandhi Game Abhiyan programme on 21st February. 2. International Women's Day 8th March.	1100	170	-	-

2015	1. National Youth Day on 12 Jan. 2015	400			
	2. International Women's Day on 8 March 2015	300			
	3. NSS special camp on Sanitation and health, 21-27 March 2015	50			
	4. World Earth Day, 22April 2015	50			
	5. World Environment Day,5 June 2015	100			
	6. Seminar & Rally on International Literacy Day	300			
	7. Sadbhawna diwas, 20 Aug. 2015	300			
	8. Three Days Sapling distribution programme from 8 to 10 Sept. 2015	200			
	9. Orientation Programme for NUSSD on 4th Sept.2015 for the session 2015-16	200			
	10. Pre- Republic Parade Selection Camp was organized on 4th September 2015 at NIFT				01
	11. Awareness programme on voluntary blood donation on 7th October 2015.	150			
	12. 12. Adventure camp from 20th Sept -29th Sept 2015 at Atal Bihari Vajpayee Institute of Mountaineering & Allied Sports Manali Government of Himachal Pradesh.	02			
	13.Constitution Day on 26 Nov.2015 through Nukkad	300			

2016	1. National Youth Day on the occasion of birth anniversary of Swami Vivekananda on 12th January 2016	300			
	2. Award ceremony for NUSSD students for completion of their course on National University Student's Skill Development Programme on 6th February 2016		201		
	3. Workshop on Digital India on 25th February 2016		11		
	4. International Women's Day Celebration on 8th March 2016. " Training on gender sensitive Legal measures for ST girls"		41		
	5. Career Counseling Session was organized in collaboration with Times of India on 10th March 2016	200			
	6. Yoga fest at Nirmala College on 20th May 2016	100			
	7. International Yoga Day was celebrated on 21st June 2016 at Convocation Ground , Ranchi. The programme was organized by Ranchi University, Ranchi	100			
	8. Special camp on "Solidarity with the lesser previliged" was organized from 23rd May – 29th May 2016 at Latma village.	11			
	9. International Literacy Day on 11th July	50			
	10. Swachhta Awareness Rally & Oath taking ceremony	100			
	11. Personality Development Programme on 8th Sept.	100			
	12. Beti Bachao Beti padhao abhiyaan on 18th Sept		70		
	13. NSS Foundation Day on 24th Sept.	50			
	14. Adventure Programme 5th -14th Oct at Narkanda H.P	200			
	15. Pre- Republic Parade Selection Camp was organized at Bhopal from 14th -23rd October 2016				03

3. NUMBER OF N.S.S. AWARDS RECEIVED :- 03

UNIVERSITY LEVEL	- 3 Students,Topper (TISS)
STATE LEVEL	-
NATIONAL LEVEL	-

4. NUMBER OF EXTENSION ACTIVITIES ORGANIZED:-

• Sadbhavna Diwas was observed on 20th August 2015	100	01
• 3 Days Sapling distribution programme was organized from 8th September to 10th September 2015	200	
• Awareness programme was arranged on voluntary blood donation on 7th October 2015 on the same day Painting and Essay writing competition was also held	200	
• Pre- Republic Selection Camp at National Level held in NIFT, Ranchi From 28th October to 7th November 2015	1	
• Orientation into NUSSD 2015-1026 was organized on 7th November 2015	150	
• Dr. Bhim Rao Ambedksr's birthday was observed as first constitution day 0n 26th November 2015	300	
• National Youth Day was celebrated on the occasion of birth anniversary of Swami Vivekananda on 12th January 2016	300	
• Career Counseling Session was organized in collaboration with Times of India on 10th March 2016	200	
• Special camp was organized from 23rd May – 29th May 2016 at Latma village.	50	

University level	2010	- Mountaineering training programme – Two students Anjana and Sublet underwent rigorous Mountaineering training programme at the National level in Manali. It was held from 9-18 April 2010. - N.S.S. Summer Mega Camp 2010 was organized from 8-19 June 2010. One student took part in it.	02
	2011	- Pre- Republic Parade Selection- 2 volunteers from Nirmala College, Ranchi, were selected in PRD Camp at the University level. Both of them participated in the Pre- Republic Day Parade State level selection camp held at DNR College, Bimawaram, West Godavari, Andhra Pradesh from 01.10.2011 to 10.10.2011. They underwent rigorous training for 10 days and returned full of life,	01

	2015	Pre- Republic Parade Selection Camp was organized on 4th September 2015	5
	2016	Award ceremony for NUSSD students for completion of their course on National University Student's Skill Development Programe on 6th February 2016	201
		Workshop on Digital India on 25th February 2016	11
		International Women's Day Celebration on 8th March 2016	41

The institution plans and organizes its extension and outreach programmes through NSS and Women cell.

The following table provides details of NSS Budget Year wise.

Year	Amount Received	Expenditure	Activities	Source
2011-2012	-	35,430.00	Regular Activities + Special Camp	Ranchi University
2012-2013	45,000.00	39,196.00	Regular Activities + Special Camp	NSS fund Ranchi University
2013-2014	90,000.00	38,466.00	Regular Activities + Special Camp	NSS fund Ranchi University
2014-2015	90,000.00	30,748.00	Regular Activities + Special Camp	NSS fund Ranchi University
2015-2016	90,000.00			

The Women Cell of Nirmala College Ranchi has organized many extension and outreach programmes. The details are as follows:

WOMEN'S CELL
- On 9th Jan.2013, Women's Cell observed protest day in view of Delhi Gang- Rape.
- On 18th Sept. 2013, 100 plants were donated by N.D.Ekka, HOD ,Economics to SCJM Convent, Bichna , Khuti District, Ranchi.
- A Sensitivity awareness programme cum Seminar was organised by the "Randhir Memorial Foundation" in the college under the aegis of 'Women's Cell' on 16th Jan 2014, in collaboration

with the Police Deptt. of Ranchi, Jharkhand. The punch line of the programme was 'Role of Students in Creating a Crime free and Fearless Society.' Being an interactive programme, questions were put by the students and staff to the higher authorities including the zonal IG, Mr. M.S. Bhatia regarding girls/women's issues and concerns, for better security & protection networks for the girl students of Ranchi.

➢ Under the banner of UGC structured "Women Grievance Redressal Cell" Ranchi University, organised workshop on 'International Women's Week Celebration,' 8th – 12th March 2014. Sub theme -'Women's Violence & Remedies.'

➢ On 11 August 2014,Awareness Programme on breast feeding was organized by women cell , Resource Person – Dr. Vijita Nirmal, Sentivita Hospital. Various Competition were held. Hosted by NSS Wing & Women's Cell on 10th the programme proceeded in the presence of Chairperson Prof. L.N. Bhagat (VC, Ranchi University), Prof. Raziuddin (Pro VC Ranchi University). Chief Guest Mrs. Hemlata S. Mohan (Ex-Chairperson of Women Commission, Jharkhand), Guest of Honour Retd. Prof. Rose Kerketta (Tribal Regional Lang. Ranchi University, Jharkhand) & Dr. Saraswati Mishra (Dean Faculty of Humanities & Chairperson Women Grievance Cell) .

➢ On 17 th Jan 2017 Traffic Awareness Workshop was organized by women cell.

➢ On 2nd Feb 2017 Human Trafficking Awareness Programme was organized by women celi, Resource Person – Sr. Jemma.

➢ Budget of Women Cell funded by the Institution:
   ❖ 2012-2013   Rs. 3155
   ❖ 2013-2014   Rs. 1028

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?

Various informative meetings and assemblies are planned from the very onset of the session, particularly to motivate and encourage students' participation in various clubs and councils, the students and associated faculty members of various committee and clubs actively participate in diverse programmes of community development works and camps. Through these classes and participation values, principles and ethics are inculcated.

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 NSS undertakes regular social surveys of the neighbouring locality and this helps the college authority in establishing good rapport with the neighbourhood community. The major programmes launched by NSS, WC and the Red Ribbon Club include the celebration of women's day focusing on woman centric issues, celebrating world Environment day to spread awareness towards conservation and protection of our environment. College day celebrations & inter college youth festival celebrations highlighting the contemporary sociopolitical and economic issues by means of skits, mime, one act plays, debates, extempore, poster and painting competitions. All these help in promoting social equality, equal opportunity for one and all and empowering the tribal students. Free coaching classes for entry into services are conducted to empower the students from under privileged and vulnerable sections of the society.

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 organizes student-centric extension and outreach programmes through its NSS wing, Women's Cell, general awareness camps, celebration of important festivals and commemorative days. This has a profound influence in moulding the overall personality of the students. This helps to instill moral and social values, promotes feeling of communal harmony and also widens the mental horizon leading to their holistic growth, thereby preparing them to be better citizens in life.

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?

As a premier institution dedicated to upliftment of underprivileged,deprived and economically backward sections of the society, all the programmes/ camps/ collaborations etc. organized have focussed on this ultimate goal. Details have been mentioned in 3.6.4.

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 college organizes various outreach and extension activities as:

➢ Coaching for entry in services in Colleges for students belonging to SC, ST, OBC(non creamy layer),Minority communities & differently abled.
   ❖ B.A III 2009-10) held from 15 Feb 2010 to 8 March 2010. Almost 100 students benefitted from this.
   ❖ B.A & B.Sc Part II& III 2011-12) held from 29 Sep.2011 to 15 Dec. 2011.Almost 185 students benefitted from this.
➢ A 6 days workshop on Guidelines for Equal Opportunity Centre was conducted in the college auditorium.
   ❖ From 22Feb 2011 to 28 Feb. 2011 with 307 students actively participating in it.
   ❖ From 21 Feb 2013 to 27 feb 2013 where 376 students participated.

It was organized in collaboration with Jharkhand Kalyan Samiti, Ranchi with an advisory committee comprising of :
   1.   Chair Person   : Principal (Lt. Sr. Dr. Priscilla)
   2.   Advisor   : Mrs.Sony Perwin
   3.   1st Member   : Mr. Parimal Purshottam
         (Sec. of Jharkhand Kalyan Samiti)
   4.   2nd Member   : Mr. Nishikant

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.
   • Nirmala College was awarded Best Missionary Institute for Integral Development in Jharkhand at the National Jharkhand Education Summit and Awards, 2014 organised by the Association of the Communication Multimedia and Infrastructure in collaboration with Ranchi University on 24th March 2014.**Recognition as a College with Potential for Excellence on 22nd July, 2016.**

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.

This Institution is basically an Under Graduate college so there is no high quality research laboratories but still most of the faculties are actively involved in research activities by participation/presentation/ in National/International conferences. Faculties are also involved in various minor research projects.

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.

TISS, Mumbai, ARTTC (Advanced Regional Telecom Training Centre), BSNL (A Govt. of India Enterprise), IIT Mumbai, STP (Spoken Tutorial program/project) for free Online software training program.

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

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	Conferences
Geography	1. Prof. Sudeepta Adhikari, Pro VC, Patna University, Patna 2. Prof. Anuradha Banerjee, CSRD, Jawaharlal Nehru University, New Delhi. 3. Pro. N.C.Jana, Burdwan University, Barddhaman. 4. Prof. R.B.P.Singh, V.C, Nalanda Open University 5. Dr.Swati Parashar, Monash University, Australia	National Seminar on "Development and Locational Conflict" sponsored by ICSSR, New Delhi and UGC organized between 1st-2nd December, 2013.

Geography	1. Prof.L.N.Ram,Ex.Vice Chancellor,Patna University 2. Prof.H.M.Pednekar,Mumbai University 3. Prof.Ravi S.Singh,BHU, Varanasi	5thAnnual Conference (Konkan Geographers Association of India) &ICSSR Sponsored National Seminar on Environmental degradation-Challenges and Remedies. 5th-6th Nov,2015
Political Science 14/03/2016-15.03.2016 (In collaboration with Pratigya,Gandhi Smriti Darshan under Ministry of culture)	Padmashri Ashok Bhagat, Shahid Akhtar &Ajay Kumar	Gandhi ,youth volunteerism & Constructive work.
Psychology 7th-8th Feb,2016 ICSSR Sponsored National Seminar & Annual Conference,IPA	Pro.Tarinijee,H.O.D.Commere College,Patna Prof.Jitendra Mohan,Emeritus Professor,Chandigarh University Prof.Naved Iqbal ,H.O.D.Jamia Milia University	Mapping practices in Psychology:Critical Issues and Current Perspectives.
IQAC ,Nirmala College,NAAC Sponsored National Workshop-30th April-1st May,2016	Prof.B.S.Ponmudiraj,Deputy Adviser,NAAC,Bangalore Dr.Moushami Dutta,Nagindas Khandwala College, Mumbai University	Enhancing quality in Higher Educational Institutions.

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 –

a) Internship/ On-the-job training.
On the job training:

BCA, IT and FD Undergraduate final year students have their on-job training at reputed firms like CCL, NIFFT, AGO, NSL Comp, NIIT, SAIL, MECON, GPO, LIC, UBI, Usha Martin etc.

b) Linkages :

1. The college has a long standing membership with All India Association for Christian Higher Education, Delhi.
2. Xavier Board of Higher Education In India, Bangalore. The Principal is the Vice President of XBHE, north east zone
3. All India Catholic University Federation.
3. Christian Living Community.
4. Tata Institute of Social Sciences, Mumbai.
5. BSNL (Govt. of India Enterprises), Advanced Regional Telecom Training Centre (ARTTC), Ranchi for free training of BCA & IT students.
6. IIT Mumbai, STP (Spoken Tutorial program/project) for free Online software training program.

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

7. Two batches of BCA/IT students have successfully completed their training programme at BSNL (Govt. of India Enterprises), Advanced Regional Telecom Training Centre (ARTTC), Ranchi Jharkhand. The College is also trying to collaborate with IIT Mumbai, STP (Spoken Tutorial program/project) for free Online software training program.

Criterion IV : Infrastructure and Learning Resources

4.1   Physical Facilities

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

The college frames policies, upgrades infrastructure according to the needs and requirements of the students and the staff, keeping in view the constraints of time, space and available finances.

4.1.2   Detail of the facilities available for students

a)   Curricular and co-curricular activities- classrooms, auditorium, tutorial spaces, laboratories and equipment for teaching and learning etc.
-    Infrastructure for indoor and outdoor games.
-    Sports equipments.
-    NSS Wing

The infrastructure facilities available:

Total area of the campus is 6.10 acres

Total carpet area of the building is 2316 square metres x 4 floors

Lecture room :   50

Total carpet area of the classrooms : 5849.92 square metres

Library rooms :   03

Total carpet area of the library : 1187.98 square metres

Laboratory :   12

Total area of the laboratory : 1088.24 square metres

Botanical Garden :   01

Office rooms : (i) Main office (ii) Principal's Chamber

(iii) Account's office   (iv) Administrative Office

Total carpet area of the office is : 129. 26 square metres

Staffroom :   10 + 01

Students common room :   01

Toilets :

Men :   01

Staff :   02

Students :   24

Cycle Shed :   01

Water Purifier :   03

Water Cooler :   01

Water Dispenser :   01

Punjab National Bank set up within the campus (to be operational from April 2017)

b)   Extra- curricular activities
(i)   One large auditorium
(ii)   2 computer labs with 62 computers, UPS, Internet and other facilities.

(iii) Separate labs for Physics, Chemistry, Zoology, Botany, Home Science Geography, Psychology, Fashion Designing

(iv) The main library of the college is well stocked with text books, reference books, magazines, journals, which are arranged in separate shelves and almirahs, to facilitate easy access. It also contains a computer and a reprographic machine, toner and paper. The library has a reading room with a seating capacity of more than 200.

(v) A well furnished teachers' staff room is located in front of the main library so that students get easy and ready access to teachers.

(vi) A server is installed to support the computers of the Science and Computer labs, library and teachers' room.

(vii) There is one powerful generator ensuring undisturbed energy flow in case of electricity failure.

(viii) LCD facility with OHP projector in various departments as well as one for common use.

(ix) The college has adequate notice boards to display all circulars and information regularly.

(X) There is a Digital Display board at the main entrance.

4.1.3 **How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilised? 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 infrastructure and the future planned expansions if any).**

The institution has achieved an impressive academic growth during the last four years. We have started Honours in Commerce (2014) and English (2016). Vocational courses like BBA will be introduced from the next session. Besides this, Post Graduation in Economics, Geography, Hindi, History and Political Science have been introduced from the session 2016-18.

The following steps have been taken to ensure the optimal utilization of infrastructure:

(i) Every year, class routine is prepared in such a way that almost all rooms are optimally utilized.

(ii) Physics, Chemistry, Botany, Zoology, Psychology, Geography, Fashion Designing, Home Science and Computer Science classes are arranged in the respective laboratories.

(iii) College and University examinations are normally scheduled in the large rooms so that regular classes remain undisturbed.

(iv) Our auditorium and big halls are also used for conducting training programmes, seminars, workshops, meetings, career courses and competitions.

(v) Classrooms are also used for co-curricular, extracurricular and extension activities.

Details of infrastructural facilities and amount spent during the last four years are shown below:-

Sl. No	Infrastructural facilities during last four years	Amount spent
1.	Purchase of new projector	4,92,800
2.	Purchase of new Xerox Machine Purchase of new Cyclo Styling Xerox Machine	95,000 1,40,040
3.	Computer and accessories	4,80,500
4.	Fire Extinguisher	68,000
5.	Library Software	80,000
	New Infrastructural Facilities during 2015-2016	
1.	**Sound System Up gradation**	
	a. Quest Multipurpose Speaker	57200
	b. Woofer	80000
	c. Amplifier	57200
	d. Mixer	32200
	e. Wireless Microphone	37000
	f. Wired Microphone	7101
	g. Vat 14%	37898.27
	Total	3,08,600
2.	**Library Up gradation**	
	a. Cyber Room DPU Firewall	68,000
	b. Cyber Room Sophas	1,20,000
	c. Switch 24 port	19,500
	d. Rack 9u	8,600
	e. Cable CAT 305mtr	19,500
	f. UPS Internal 1KVA	5,200
	g. Switch 24 Ports	5,500
	h. Cable CAT 305mtr	13,000
	i. 1/0 Box	3,900
	j. Rack	8,600
	k. Patch Panel	6,700
	l. Patch Code 1mtr.	2,520
	m. Patch Code 3mtr	2,820
	n. UPS Internal 80DVA	3,600
	o. Vat 5%	14,372
	Total	3,45,812
3.	**Office Up gradation**	
	a. Photo Copier Machine	80,000
	b. Add Tray	20,000
	c. Bond paper reams	3,320
	d. Toner	47,712
	Total	1,50,000
4.	**Principal's Office Up Gradation**	
	a. LED (5pcs)	210,000
	b. Printer (1pc)	12,500
	c. External HD (1pc)	8,900

	d. Pen drive (5)		1,750
	e. Inverter (1)		8,500
	f. Exide Battery (2)		16,000
	g. Projector (1)		35,800
	h. LG HD Led TV 32" (1)		26,080
	Total		3,19,530

	RUSA Utilization Certificate Phase-1 Procurement against Sanctioned Amount of 38 lacs Submitted by 31st March 2016		
		Sanctioned	**Actual Expenses**
1.	LAN Up gradation Lease Line (Airtel) 2mbps Installation + Rental Charge @6080/month for 6 months. Wifi Connection & Accessories (including Vat) + LAN Networking.	4,00,000	20,000 + 36,400 2,83,290 + 92,460 + 2,150
	Total		4,00,000
2.	Reprographic Machine + Toner +paper	1,50,000	1,50,000
	a. ICT + Accessories b. 4 All in one System + Inverter c. LCD Projector + Monitor d. + Heavy Gauge wires jacks etc	3,70,000	 2,57,650 61,880 50,470
	Total		3,70,000
3.	a. Generator	7,00,000	7,00,000
	b. Books	2,10,000	2,10,000
	c. Classroom Furniture	9,00,000	9,00,000
	e. Almirah	3,60,000	3,60,000
	f. Library Book Shelves	40,000	40,000
4.	Sports etc.	6,14,000	
5.	Sports Facilities		1,70,000
	a. Basket ball board 1 set b. Basket ball 5pcs c. Basket ball net 3 pair d. Hockey sticks 22 pcs e. Hockey goal keeper kit 1set f. Hockey net 1 set		65,900 3,075 540 16,500 18,500 18,500

	g. Hockey ball	7 pcs		560
	h. Table tennis board	2 pcs		39,000
	i. Table tennis bat1	10 pcs		6,850
	j. Table tennis ball	10 pcs		1,800
	k. Throw ball	5 pcs		4,250
	l. Throw ball net	4 pcs		1,800
	m. Foot ball	2 pcs		1,300
	n. Vat	5%		8,096
	TOTAL			1,70,021

Computer	Qty.	Amount
a.) All in one desktop with 18.5 display	8	236,000.00
b.) Commissioning and installation	8	4000.00
c.) Total		240.000.00

ADMINISTRATIVE BLOCK :

Total area of the campus is 6.10 acres.

Total carpet area is 2316 square metres x 4

Ground Floor:

i. Principal's Chamber – Fully furnished with attached bathroom and display boards, computer, Air Conditioner, CCTV. There are steel lockers to keep valuable documents and records.
ii. Attached to the Principal's chamber is the Reception office.
iii. Administrative office.
iv. Accounts Office.(2 rooms)
v. Staff toilet.
vi. An open space for any type of assembly.(Quadrangle)
vii. Students toilet.
viii. Store room for office stationary.
ix. Chemistry Lab (2 Nos)
x. Library + Reading Room.
xi. Staff room (2Nos)
xii. Class rooms(3 Nos)
xiii. Fire extinguisher and water purifier for safe drinking water
xiv. IQAC Room
xv. Health & Counselling Room
xvi. Xerox copier machine room

First floor

i. Big halls with mike
ii. Small classroom has a UGC library building extension under 7th plan 1994
iii. Small classroom has a UGC extension 10th plan 2006.
iv. Control room
v. Vice Principal's chamber
vi. Geography Department staffroom+ lab+ classroom

vii.   Psychology Department staffroom+lab+classroom
viii.   F.D Lab Classroom
 ix.   Botony lab+classroom(2) + Store Room
  x.   Home science classroom+lab
 xi.   Staff Room, Hindi & English

Second floor
  i.   Big halls with sound system(2)
 ii.   IT staffroom+lab
iii.   Nine classrooms(medium size)
 iv.   Political Science / Economics + History + Commerce staffrooms.
  v.   Computer lab + classroom

Third floor
  i.   Big classrooms with sound system (2)
 ii.   Staffroom (Computer Applications)
iii.   UGC network resource centre 10th plan 2004
 iv.   Classrooms (5)
  v.   Science Staffroom
 vi.   Two Dark room (physics)
vii.   Physics lab (2) + store room
viii.   Zoology staffroom +classroom +lab (2)+store room
 ix.   Reference Library/Reading room   for staff members (operational on Tuesdays & Saturdays)

ii.   **Fourth floor**
RUSA OFFICE

4.1.4   How does the institution ensure that the infrastructure facilities meet the requirements of the students with the physical disabilities?
The ramp is the permanent infrastructural facility to meet their requirements.

4.1.5   Give details on the residential facility and various provisions available within them :
  #   Hostel Facility – Accommodation available for 450 students. There are three stories and the carpet area is 49539 square metres x 3
  #   Recreational facilities include meditation, indoor games, karate, cultural dances, common room with audio –visual equipments etc
  #   Computer facility
  #   Facilities for medical emergencies
  #   Library facility is available in hostel
  #   Residential facility for the staff and occupancy
  #   Constant supply of safe drinking water is available- water cooler and water dispenser .
  #   Security- 4 guards, 2 mahila police, good rapport with Local thana ie. Doranda thana .
  #   One water harvesting facility has been provided for the hostel.
  #   120 new fans are available for hosteliers.
  #   Four new bathrooms are available for hostel.

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

The institution takes care of the health and hygiene of the students and staff. It has Health & Counselling Room. Dr.Rina Godsora, D.G.O, of Disha Nursing Home Ranchi visits every Saturday between 1pm-2pm. The College has tie up with Primary Health Centre, Doranda and MECON hospital which is situated very close by- approximately one kilometre to handle emergency cases.

4.1.7   **Give details of the common facilities available on the campus- spaces for special units like IQAC, Grievance Redresal Unit,Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, Recreational spaces for students, safe drinking water facility, auditorium, etc.**

Special rooms have been allotted to IQAC, NSS Room, Girls Common Shed, Health & Wellness Room, Canteen and Multipurpose hall, Water purifier, Basket ball court and playground.

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?**

The library has an Advisory committee.
The members are :
Library in-charge : Dr.Sr.Sushma
Members: Dr. Anita Shukla, Dr. Sony Perween, Dr. Neetu Rani, Dr. Jenifar Guria, Miss Prachi Poli Tigga.

- Open Access to books
- Automation of library
- Access to Inflibnet
- Register for recording footfall for students and teachers.
- Maintaining separate record register for reference and issue.
- Reprographic machine for students
- Book bank for poor students

4.2.2   **Provide details of the following:**

Total carpet area of the library (in sq. mts) 1187.98
Total seating capacity 200 students
Working hours (on working days, on holiday, before examination days, during examination days, during vacation) 9.00am - 4.00 pm
Layout of the library : 1 library and 2 reading rooms
The library remains closed on holidays and remains open during vacations.
The main library consists of a large reading room which can accommodate 200 students at a time. The remaining area consists of, separate almirahs and shelves for storing books of different departments, reading area for teachers, five monitors with INFLIBNET facility providing free access to more than six thousand e-journals and more than thirty lakhs e-books for student researchers and faculty members. Reprograhic machine,one computer with internet

connection (broadband), digitilization of library using KOHA software, display board, magazine stands .

There is a Library extension on the third floor which operates on Tuesdays and Saturdays between 1pm -4pm only for reading purpose.

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 library books are purchased in consultation with the teachers of the respective departments. An annual budget is prepared to allocate the amount to be spent by the departments for purchase of book. Each department gives the list of required books to be purchased to the Principal. Renowned publishers and their agents display the books in the college and the faculty recommends the books for subsequent purchase by the college.

Library Holdings	Year 1 2012-2013		Year 2 2013-2014		Year 3 2014-2015		Year 4 2015-2016	
	No.	Total Cost	No.	Total Cost	No.	Total Cost	No.	Total Cost
Text Books	31	5710	797	230315	851	285535	596	211811
Reference Books	17	-	1285	-	-	-	-	-
Journals	16		27	-	45		30	
Periodicals/ Magazines	-		-	-	322	11,170	464	17,804
e-resources (CD)	24		34		-		-	
Annual subscription for INFLIBNET Rs. 5750/- inclusive of taxes from 2015-2016 onwards.								

4.2.4 Provide details on the ICT and the other tools deployed to provide maximum access on the library collection :
Library automation and installation of INFLIBNET since June 2015.
Reprographic machine installed for photocopying.

4.2.5 **Provide details on the following items**
* Average number of walk ins 250 per day (students and teachers)
* Average number of book issued/returned 200 per day
* Ratio of library books to students enrolled 10:1
* Average number of books added during the last three years 535 per year

4.2.6 **Give details of the specialised service provided by the library**
Reference books, Educational, CDs, Dictionaries, Encyclopedia, Inflibnet and Xerox machine.

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

The library staff issues/receives books to/from studens and staff. In case of any difficulty in finding the required book, help is provided by the library staff.

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

The library is located on the ground floor of the building hence acessible to the physically chllenged people.

4.2.9   Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (what strategies are deployed by the library to collect feedback from the users? How is the fed back analyses and used for further improvement of the library services?

Feedback obtained through evaluation of institution by students is analysed and informal suggestion made are taken into consideration for improvement in services.

4.3   IT Infrastructure
4.3.1   Department of IT

Number of computers with configuration - 24 desktops with windows XP operating system and one CRT with Linux Operating System

Configuration:

Intel dual core, 2.5 GHz Processor, 2 GB RAM, DDR2, Motherboard P5kpl-am/ps, DVD R/W(LG) HDD 160 GB SATA, Optical mouse, Keyboard

Computer-student ratio   -   1:2
Stand alone Facility   -   25 Desktops
LAN facility   -   Yes (15 systems are connected to LAN)
LAN Configuration   -   CAT 5 cable with RJ 45 connector,16 port switch (Hub)
Licensed Software   -   Guardian Antivirus
Number of nodes / computer with internet facility -   15 systems have internet
Others- One HP laser jet printer, two AC in the Compute Lab, BSNL broad band Internet facility in the computer lab and wi-fi enabled campus   .

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

Wi- fi enabled campus for staff and students, Inflibnet for teaching faculty.

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

As per requirements, the college meets the need for computer upgradation regarding the number of PCs, hardware and software.

Department of Computer Application

Number of computers with configuration - 32 desktops

Configuration:

System Processor- Some PCs are of P4 type and AMD athelon 3000+XP, AMD athelon 3600+XP, 128 MB SD RAM, AMD athelon XP 3500+M/B MsI 256 MB, DDR, HDD 80GB, Intel P IV, 2.66 GHz, dual core, 15 " color monitor ATX calvinate

Computer

System Chirag model u-25 bn, Intel 2.8 GHz with TFT screen(del), optical mouse with DVD writer HDD 80 GB, one printer HP

System Intel dual core D 2.53 GHz, RAM 2 GB, DDR2 DVD R/W 18.5 TFT MONITOR, OPTICAL MOUSE

One system with Linux Operating system

Computer-student ratio   - 2:1
Stand alone Facility   - Not Applicable
LAN facility   - Yes
LAN configuration   - RS-45 connector, RS-45 cable cat 6, Networking
Licensed Software   - Windows 98, office 2000, Acrobat reader, C++ compiler,
                  Kaspersky Antivirus
Number of nodes / computer with internet facility   - 12 port each

Others- One HP printer and modem

(IT + BCA)

Number of computers **:** 98

(24 desktops and one CRT with Linux Operating System in IT lab + 40 systems in the Computer Application lab+20 systems in the Computer Science lab+ 2 desktops system in account office+ 6 desktop system in the Library+ 3 desktop system in the office and2 desktop system in the Principal's chamber)

Configuration:

Intel dual core, 2.5 GHz Processor, 2 GB RAM, DDR2, Motherboard P5kpl-am/ps, DVD R/W(LG) HDD 160 GB SATA, Optical mouse, Keyboard

Some PCs are of P4 type and AMD athelon 3000+XP, AMD athelon 3600+XP, 128 MB SD RAM, AMD athelon XP 3500+M/B MsI 256 MB, DDR, HDD 80GB, Intel P IV, 2.66 GHz, dual core, 15 " color monitor ATX calvinateComputer system Chirag model u-25 bn, Intel 2.8 GHz with TFT screen(del), optical mouse with DVD writer HDD 80 GB, one printer HP

System Intel dual core D 2.53 GHz, RAM 2 GB, DDR2 DVD R/W 18.5 TFT MONITOR, OPTICAL MOUSE

Two system with Linux Operating system

Computer-student ratio   - 1:2

Stand alone Facility **:**

Number of laptops   - 12
Number of desktops   - 98
LAN facility   - Yes
LAN Configuration   - CAT 5 cable with RJ 45 connector, 16 port switch(Hub),
                  RS-45 connector, RS-45 cable cat 6, Networking

Licensed Software   - Guardian   Antivirus, Kasper sky Antivirus Windows 98,
                                       office 2000, Acrobat reader, C++ compiler
Number of nodes / computer with internet facility - 27 systems have internet, 12 port each
others- 9 HP laser jet printer,2 scanner (one in Geography department and one in Zoology
department) and 12 projector in the different departments of the college, four AC in the
Compute Lab of IT and CA, modem, BSNL broad band Internet facility and wi-fi enabled
campus

Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus- wi- fi enabled campus, LCD Projector, scanner, color printer, additional desktops and printer for the office.
1)   Each dept. provided with laptops, LCD Projectors etc.

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

As per requirements, the college meets the need for computer upgradation regarding the number of PCs, hardware and software

4.3.4   Provide details on the provision, and in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution.

Year	Amount spent (Rs.)
2011-2012	94745
2012-2013	276290
2013-2014	105800
2014-2015	2,40,000
2015-2016	1,13,650

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 faculty members are encouraged to prepare computer-aided teaching/learning materials through training modules in basic computer methodologies and preparation of computer-aided presentation, operation of LCD projectors. Students use ICT facilities for their project work, assignments and presentations. Computer Training Programme for staff, librarians and non teaching staff. Short term course in Basic Computer Learning is conducted by the IQAC for students and staff on a regular basis to promote computer literacy.

4.3.6   Elaborate giving suitable examples on how the learning activities and technologies deployed (access to online teaching/learning resources, independent learning, ICT enabled classroom/learning spaces etc) by the institution place the students at the center of teacher-learning process and render the role of a facilitator for the connections.
Theory papers of different subjects are taught mainly through lecture method. But interactive methods and modern teaching aids are also given special emphasis.

To make learning more student-centric, student centered learning strategies like seminars, guest lectures, faculty exchange programmes are organized. Micro-teaching is a regular feature in the Honours classes which enables individual students to express their views freely. Self learning through internet, books and journals are encouraged.

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?** NA

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 statement by providing details of budget allocation during last four years)?**

	2012-2013	2013-2014	2014-2015	2015-2016
Building	3,00,000	3,00,000	16,36,600	16,95,170
Furniture	3,00,000	3,00,000	11,800	1,12,825
Equipment	50,000	50,000	85,164	1,33,626
Computers	2,00,000	-	2,40,000	1,13,650
Vehicles		7,00,000		
Any other			10,300	7,19,454

4.4.2 **What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?**
For maintenance and repair of infrastructure is taken care of through AMCs with different agencies. For various kinds of repair works, the college hires electricians, plumbers, technicians and other experts from outside as and when required. For the maintenance of computers and accessories, college has Annual Maintenance Contract (AMC) with the supplier company.

4.4.3 **How and with what frequency does the institution take up calibration and other precision measures for the equipment/instrument?**
Calibration of equipments by technical experts is carried out as and when necessary. The office and library of the college have been fully computerized during the last few years. Maintenance of equipments/instruments used in the office and the library are done annually as annual maintenance contracts are signed with the related supplier companies.

4.4.4 **What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water, etc.)?**
We have 03 generators, 08 invertors and 04 voltage stabilizers for the maintenance of sensitive equipments. Besides this, we have submersible pumps for constant water supply and we also have rain water harvesting facility.

Criterion V: Student Support and Progression

5.1   Student Monitoring and Support

5.1.1   Does the institution publish its updated prospectus, handbook and other student information material annually? If yes, what is the information provided to students through these documents and how does the Institution ensure its commitment and accountability?

The institution publishes its updated prospectus, handbook and other student information material annually. The prospectus and handbook provide the following information regarding the college:

- Genesis of the college
- Vision and Mission
- Objectives
- Facilities Available
- Detailed Time Table
- Courses of Study
- Admission Procedure
- Fee structure
- Rules and Regulation of the college
- Special Prizes, Certificates and Medals
- Office bearers of the college administration
- Current Faculty members
- Anti ragging rules
- Committees, Staff Council and Placement/Career Counseling Cell
- Details of co-curricular activities

In addition to this, information is also disseminated through the Digital Display Board. The institution also publishes its newsletter '*Nirmala Communique*' annually which keeps the students informed about the activities of the college. Annual report is presented by the Principal on the College Day, 8th December informing about the new developments relating to the institution. Students are also informed by the Principal at the time of their orientation regarding the rules, regulations, norms and opportunities provided to them to achieve academic excellence.

The institution constantly and consistently endeavors to achieve the vision and goals mentioned in the prospectus and ensures the implementation of the information mentioned therein.

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

The institution provides freeship to the economically backward students.

Session	Total No. of students	BA I	BAII	BA III
2012-2013	55	08	13	34
2013-2014	42	07	14	21
2014-2015	65	11	28	26
2015-2016	53	12	13	28

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

Students belonging to the ST/SC/OBC/and minority community receive scholarship from state government. Given below is the record of scholarship given to the students for the past four years:

Year 2012

CLASS	CATEGORY	NO.OF STUDENTS	AMOUNT
B.A/B.Sc I	ST	120	Students receive the amount directly in their bank account and hence the data is not available.
B.A/B.Sc II	ST	198	
B.A/B.Sc III	ST	186	

Year 2013

CLASS	CATEGORY	NO.OF STUDENTS	AMOUNT
B.A/B.Sc I	ST	170	Students receive the amount directly in their bank account and hence the data is not available.
B.A/B.Sc II	ST	125	
B.A/B.Sc III	ST	101	

Year 2014

CLASS	CATEGORY	NO.OF STUDENTS	AMOUNT
B.AI/ B.Sc/B.ComI	ST	178	Students receive the amount directly in
	SC	15	

CLASS	CATEGORY	NO.OF STUDENTS	AMOUNT
	BC	30	their bank account and hence the data is not available.
B.A/ B.Sc/B.ComII	ST	140	
	SC	12	
	BC	22	
B.A./B.Sc/B.ComIII	ST	128	
	SC	06	
	BC	20	
Total		551	

Year 2015

CLASS	CATEGORY	NO.OF STUDENTS	AMOUNT
B.AI	ST	221	Students receive the amount directly in their bank account and hence the data is not available.
	SC	35	
	BC	94	
B.A.II	ST	176	
	SC	28	
	BC	80	
B.A.III	ST	149	
	SC	17	
	BC	69	
Total		869	

Year 2016

CLASS	CATEGORY	NO.OF STUDENTS	AMOUNT
B.AI	ST	337	Students receive the amount directly in their bank account and hence the data is not available.
	SC	19	
	BC	115	
B.A.II	ST	225	
	SC	19	
	BC	118	
B.A.III	ST	258	
	SC	11	

	BC	103	
Total		869	

5.1.4 **What are the specific support services/facilities available for**
- **Students from SC/ST, OBC and economically weaker sections**

   Tuition fees of students belonging to SC/ST, OBC and economically weaker sections are waived according to their requirement. Text books are also provided from the book bank for the underprivileged students to those students who can not afford to buy books. Student Aid Fund provides aid to the needy students who do not receive aid from any other source. Remedial classes are held for SC/ST, OBC and economically weaker students and slow learners. Special Awards carrying cash prizes are given to meritorious students.

- **Students with physical disabilities**
    o Seating preferences
    o Provision of ramps
    o Waiver of fees

- **Overseas students -**   NA

- **Students to participate in various competitions /National and International.**
    ➢ Encouragement to participate in games/ sports /co-curricular and extracurricular activities.
    ➢ Timely information about events.
    ➢ Support in the form of materials and conveyance.
    ➢ Certificates, Medals and Prizes awarded to students.
    ➢ Media coverage provided as and when required.

- **Medical assistance to students**
    ➢ First Aid
    ➢ Health/Counselling room facility.
    ➢ Doctor facility within campus.
    ➢ Emergency cases referred to Mecon/Doranda Hospital, near the college.

- **Organizing coaching classes for competitive exams**

   The institution organizes career and counseling classes, UGC Sponsored coaching for entry in services Equal Opportunity Center programmes to prepare the students for competitive exams. To facilitate the students' entry in services and professional courses, the institution has started the practice of imparting free coaching classes for competitive test taking strategy in collaboration with Career Launcher where the students are trained on topics like 'Goal Setting and Action Plan','Quantitative Aptitude', 'English Usage', 'Data Interpretation', 'Reasoning' etc. The College has a career counseling and guidance committee which organizes workshops from time to time.

   (Refer to Q. no. 5.1.9 for the tables)

Skill development (spoken English, computer literacy, etc.)
The institution various courses like Vocational Courses in Computer Application, (Bachelor of Computer Application, Information Technology). Courses on Fashion Designing are also offered to the students to make them employable. Short term courses in Basic Computer Learning has been initiated by IQAC to enhance computer related skills of staff and students and make them competent enough to meet the challenges ahead. A short term course, DCA (Diploma in Computer Application), has also been initiated in association with NSL Comp, Jharkhand for the students where they are trained on Fundamentals of Computer Architecture, MS Office, Operating Systems, Open Source Software, E-commerce, Electronic Communication, Cyber Security Basic, Understanding Server and Network Technology, and Photoshop.

- **Support for "slow learners"**
  - ➤ UGC sponsored remedial classes
  - ➤ Remedial classes organized by the institution
  - ➤ Counselling by the teachers to help slow learners
  - ➤ Tutorials and class tests
- **Exposures of students to other institution of higher learning /corporate/business house etc.**

Students are encouraged to participate in seminars, workshops, conferences etc. conducted by other educational institutions. Field trips/ visits to other institutions of higher learning are also organized by the institution. External experts and personnel are also invited for special lectures. The institution also arranges on- the- job training for the students. Under the students' empowerment programmes, students are taken to different institutes and offices like ARTTC BSNL Ranchi, NSL Comp., MTI, SAIL, JHARNET, CMPDI, NIIT, ATDC etc.

- **Publication of student magazines**
  Each department of the College has a wall magazine which provides a platform for the students to showcase their creative and writing skills. Students are encouraged to write articles, poems, short stories, write-ups etc. for the magazine.Achievements of the College students are highlighted in the College Newsletter "Nirmala Communique" on a regular basis.

5.1.5   Describe the efforts made by the institution to facilitate entrepreneurial skills.
Educational trips and visits to different organizations, students' seminars, workshops (Refer to table) regular career and counseling sessions, lectures by eminent personalities, assignment of projects, on- the- job training and competitions/activities focusing on skill development of the students enhance the entrepreneurial skills of the students. (Details available in 3.1.6)

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Geography	21/1/2012	Resource Utilization	Dr. Nitish Priyadarshi, Geologist
	23/1/2013	Natural Hazards and their Implications	Dr. Kirti Abhishek, BIT Mesra

	DATE	TOPICS	EMINENT PERSONALITY
	1/12/2013	National Seminar on 'Development and Locational Conflicts'	Prof. Anuradha Banerjee(JNU) Prof. N.C Jana (Barddhaman Univ)
	30/1/2014	Global Warming: Causes and Consequences	Dr. A. Wadood , Birsa Agricultural University
	24/3/2014	Workshop on National Cartography Day	Major Gen. B.D. Sharma, Prof. A.K. Sarkar and Mr. P. Kumar
	12/12/2014	Lecture series on Jharkhand People and Economy	Prof. Ramesh Sharan, Ranchi Univ Prof. Ram Kumar Tiwari, Ranchi Univ
	16/3/2015	Student Workshop on GIS and Remote Sensing	Prof. Vijay Baraik, IGNOU, New Delhi.
	05/11/ 2015 06/11/2015	National Seminar on "Environmental Degradation, Challenges and Remedies".	H.M. Pednekar, Principal, Palghat College, Mumbai University.
	22/03/ 2016	Human Resource Development	Prof. S.R.Shaque, XISS, Ranchi

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Economics	12/12/2014	Interactive session	Dr. Ramesh Sharan, Head P.G Dept of Economics, Ranchi Univ
	10/3/2015	Quantitative Techniques	Dr. Ramesh Sharan, Head P.G Dept of Economics, Ranchi Univ
	28/1/2016	How to Face an Interview	Mr. A.J. Prabal
	10/2/2016	Human Resource Development	Prof. S.R.Shauqe, XISS, Ranchi

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Political Science	09/02/2014	Urban Government in Ranchi & Voting Awareness	Mrs Shashi Singh, Ward Councillor, Wrad No.47 Ranchi

	18/12/2015	Emerging Dimensions of Human Rights in 21st Century	Dr. Tulu Sarkar, Head,P.G Deparment,R.U, Ranchi
	09/02/2016	Popular Movements in India	Dr.Reena Nand,Ranchi College and Geeta Mukherjee
	14/03/2016-15/03/2016	Gandhi,Youth Voluntarism & Constructive work	Padmashree Ashok Bhagat, Shaheed Akhtar, Ajay Kumar of Gandhi Smriti Darshan, Ministry of Culture

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
History	27/8/2015	Alternative Career Opportunity	Promad Kumar, Course coordinator, Deepshikha.
	12/02/2016	United Nation Organization	Dr.D.K. Sharan, P.G Deptt. Ranchi University Dr.Ratna Banarjee.

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Hindi	2014	Rastryabhasha Hindi ki Dasha and Disha	Dr. Shailesh Pandit Dr. Pramod Kumar Jha
	23/9/2015	Hindi ki Mahta	Dr. Ashok Pridarshi Dr. Neera Parmar
	3/2/2016	Hindi Bhasha ka Bhavashya Avam Prayogineyta	Dr. Neera Parmar Dr. Kamal Kumar Bose

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Botany	26/11/2014	Plant Pathology and Conservation of Plant by Bacterial and Fungal Disease.	Dr. Sudarshan Maurya, Scientist, Harp, ICAR, Plandu.
	17/12/2014	Crop Disease in Jharkhand	Dr. Kausal Kumar. BAU.
Botany ,History & Political science	12/09/2015	Women Empowerment through Sericulture	Dr. G. Singh Dr. Z.M.S Khan

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Maths	10/10/2015	Computer Skills	Mr. Pradeep Prajapati, Sr. Software Eng.

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
Zoology	2012	Application of Project Work	Dr. B. K. Sinha
	2013	Workshop on Use of Chromatography and Microscopy in Project Work.	Dr. B. K. Sinha and Dr. Gautam Aditya
	02/03/2016	Health Camp on Blood Group Detection.	Dr. Priyanka Kumari

DEPARTMENT	DATE	TOPICS	EMINENT PERSONALITY
IT AND BCA	22/02/2012	Internet after 10 Years	Anupama Verma, Pundag & Ritu Shree Naurin,, .J. N. College, Ranchi.
	17/01/2013	"Electronic Payment System"	D.S. Verma, Programmer, Dept. of IT, Govt. of Jharkhand
	07/02/2013	Four Generation Technology	Meena Sahay, Ranchi Women's College & Prakash Kumar, Marwari College, Ranchi.
	13/02/2013	Smart Technology	Dr. Vandana Bhattacharya, Deptt. of Computer Engineering, BIT Lalpur & Rima Banik,, Senior Group Leader, NIIT, Ranchi
	9 /02 /2014	Seminar on "Li-Fi Technology	Dharam Raj Kumar, lecturer, JN College, Ranchi
	22/11/2014	Seminar on Geographical Information System	Mr Rahul Deo Shah .Asst Professor, Ranchi University.
	24/05/2015	Special Lecture on Cyber Crime	Mr. Niranjan Khushwaha
	20/01/2016	Students Empowerment Programme	Mr. A.K. Mishra
	09/02/2016	Seminar on Digital India	Mr. D.S.Verma Government of Jharkhand and department of IT,Ranchi

	11/02/2016	Cyber Security	Mrs Archana Kumari and Mrs Anjana Prasad
	02/03/2016	Career Counseling	XISS IT Experts
	11/03/2016 - 12/03/2016	Workshop on Ethical Hacking	JRU-IIT Experts
	16/04/2016	Cloud Computing	Mrs Dolly Kumari and Mr S.N. Prasad

Department	Date	Topics	Eminent Personality
Commerce	9/4/2016	Dr. APJ Abdul Kalam Memorial Lecture on 'Entrepreneurship'	Dr. Ravinder Kumar

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

Institution encourages the students to take part in games, sports and various co -curricular and extracurricular activities at university, state/zonal, and national level. Certificates and prizes are awarded to the students. To promote the participation of students in co curricular activities, students are encouraged to participate in various intra and inter college competitions, seminars & workshops. Refreshment is given to students during such events. Winners are given due recognition and are awarded certificates, medals and prizes. Media coverage is also given as and when required.

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, ATE/CAT/ GRE/TOFEL/ GMAT/ Central/ State services, Defense, Civil services, etc.

Regular career and counseling sessions, equal opportunity centre programmes and coaching classes for entry in services (funded by UGC XI Plan only) are organized by the institution to enhance the knowledge, ability and skills of students and prepare them for such exams. Guidance is also provided by the teachers in respective classes. Many of the students qualify in various competitive exams. Keeping in mind the career of the students, emphasis is given upon responsibility development and skill enhancement. Other than the curriculum special coaching (in association with Career Launcher) is also arranged for competitive examinations.

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

➢   Counseling services for students through interaction with experts from corporate and IT sectors.

➢   Spoken English, Personality development and soft skill development by experts from IPMC.

- ➢ Mentoring system for providing guidance to students (Academics, Career and professional growth)
- ➢ Academic, personal, career counseling provided to the students. Career counseling and placement cell of college takes care of the career related needs and concerns of the students. Their personal problems are solved through interaction with their families.

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 employer and the programmes.)**

The institution is dedicated to the cause of grooming young girls by providing them education and supporting them in every possible way to nurture their personalities. The institution has a well structured career counseling and placement cell which organizes regular career and counseling sessions and coaching for entry into services., (especially for students belonging to ST/SC/OBC & Minority communities), that cater to the career and employment related needs of the students. Comprehending the need of building up competence and test taking skill in the students, the cell, under the supervision of IQAC, has introduced free coaching classes for competitive test taking strategy with the objective of enabling the students to identify job opportunities, face the competitive exams and interviews with confidence and also facilitate their entry into professional courses. In addition to this, the NSS unit of the college organizes regular career guidance programs throughout the year which includes free course provided by NUSSD, TISS that teaches students life-skills which would enhance the scope of their employment.

Given below is the year-wise progress report of the career guidance and placement cell

Annual Progress Report of Year 2011-2012

S. No	Coaching for Entry in Services	SC	ST	OBC	MINORITY
1	Reasoning	11	65	35	74
2	Math	11	65	35	74
3	General Awareness	11	65	35	74
4	English	11	65	35	74

1. Annual Progress Report of Year 2012 -2013

Career and Counseling Cell 2011-2012
Actual date of implementation: 22.11.2011 - 26.11.2011.
Total no. of students benefitted: 110

S. No.	Resource person	Topic
1.	Mr. Ajay Nath Shahdeo	1. Leadership 2. Entrepreneurship

2.	Dr. Fr. Nabor Lakra	1. Career Options in Science
3	Mr. Santhosh Sinha	1. Soft Skills 2. Group Discussion 3. Interview Skills
4	Mr. Vinay Bharat	1. SMART Goal 2. National Socio-Economic Policies
5	Mr. Nishi Kant	1. Career Options in Arts.
6	Mr. Imtyaz Ahmed	1. Emerging Professional Trends and Events.

Schemes of Career and Counseling Cell 2014-2015 & 2015-16

Sl.no	Name of the course/institute	Course coordinator	Topics	No.of students benefitted
1	Career Counselling Programme was organized by International Institute of Creative Courses on 19.2.2015	Mehboob Alam.	Entry to courses like Fashion Tecnology, Interior Designing, Animation, Multimedia, Textile Designing	100
2	Career Counselling Programme was organized by St.Pauls Institue of Communication Education on 26.2.2015	Brother Lawrence, Society of St.Paul	Entry to courses like P.G Diploma in Jounalism, Advertising & Integrated Marketing Communication	25
3	Career Counselling Programme was organized by Sona Yukti Institute of Bangalore on 13.3.2015	Rachna Thakur	Soft skills/Communication skills for enhancing employability	30
4	Placement Talk" by TCS IGNITE delivered on 4.9.2015		Soft skills/Communication skills for enhancing employability	50
5	IQAC Nirmala College in Association with Career Launcher, Ranchi 02.03.2016-19.03.2016	Santosh Kumar Anindita Ghosh	1)Calculation 2)Quantitative Aptitude 3)Reasoning 1)English (V.A & Grammar) 2)English Reading Comprehension	61

6	Times of India organized a Career Counselling Session on 10.3.2016	Saurav Ghoshal, Astt.Manager	Sensitizing students on business banking and financial services	100
7	Jain Aviation International in association with Indigo Airlines conducted a Career Counselling Session on 11.1.2017.	Capt.Nipun Jain	Sensitizing students for aviation	200
8	IQAC Nirmala College in association with ABHYUDAYA Institute of Management, Ranchi organized a Career Counselling Session on 24.01.2017	Anil Shukla	Accounting systems Marketing Office Management Computerization e-filling of returns under Income Tax Service Returns. Knowledge of computer and designing Skill	70

One student from BCA Part III Supriya Singh has been selected by Indigo Airlines as ground staff on 1.6.2017

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 institution has a Grievance Redressal Cell which ensures that all grievances /complaints of the students are promptly attended to and resolved effectively. The grievances / complaints are put forward before the Principal and suggestions and recommendations are made as per the nature of the grievance by the cell.

Major grievances redressed in last four years:

Grievance Redressed	Actions taken
Requirement of CCTV to maintain discipline and order in the campus	CCTV installed
Improvement of the quality of drinking water	Installation of water purifier cum water cooler
Requirement of a common room	Construction of common room shed.
Need of upgrading the library	• Increase in number of books in the library • Opening of departmental library in some departments. • Introduction of a separate section for books

	related to competitive exams in the library.
Lack of technical equipments	Laptops, projectors, screens and printers provided to the department.
Requirement of bank within the campus	A branch of Punjab National Bank has been opened in the college campus.
Demand of a parking area for two wheelers	Construction of a parking area for two wheelers
Need of a hygienic canteen for students	Construction of a modern, hygienic canteen to seat 50 students
Demand of additional Garbage Bins	Dustbins as well as Sanitary Napkin Incinerator provided
Demand of Wi-Fi enabled campus	Wi-Fi as well as Inflibnet provided

5.1.11 **What are the institutional provisions for resolving issues pertaining to sexual harassment?**
Anti-sexual harassment cell works under the supervision of the women cell which was formed in October 2012 .The cell, in collaboration with other organizations, organizes programs, seminars and workshops for making students aware of their rights and teaching them ways of self-protection . So far no case of sexual harassment has been reported. The Principal takes care of the proper functioning of the cell.

5.1.12 **Is there an anti-ragging committee? How many instances (if any) have been reported during last four years and what action has been taken on these?**
Yes, there is an anti ragging squad as well as anti ragging committee and awareness of this body is made to the students and parents at the time of admission. Students are also informed about the stern U.G.C. norms regarding ragging through the Principal's address at the time of orientation of the students. The students are also instructed to fill the on line form for Anti-Ragging Affidavit available on UGC website. Besides, the college building is well equipped with CCTV, which further ensures the maintenance of discipline and order in the college campus. The college has an anti ragging squad to prevent ragging but no cases have been reported so far. The staff and the students also keep a sharp vigil over this issue so that no incident of ragging takes place in the institution.

5.1.13 **Enumerate the welfare schemes made available to students by the institution.**
The welfare schemes made available to students by the institution are as follows:
- Book bank for students in library
- Fee waiver for economically weaker students
- Student Aid Fund for needy students
- Coaching for entry in services
- Equal Opportunity Centre Programmes
- Career and Counseling Sessions

- Remedial Coaching
- State Government Scholarship
- Introduction of separate section for books related to competitive exams.
- Special Awards carrying cash prizes given to college toppers

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 alumni association of the institution, AREN, was formed on 6th June 2004. In the past four years, AREN has organized camps and events, the list of which is given below:
- 2012: Eye-Camp was organized for students.
- 2013-Medical Check-Up Camp
- 2014: 50 Ashoka Tree Plantation at Bietna
- 2014(Sep): Visit to Barvadih Convent
- 2015(Jan): Blanket distribution in the school
- 2015(Feb): Career counseling in F.D. Department.
- 2016: Eye awareness camp during the eye donation fortnight
- 2017: 70 School Bags distributed in St. Joseph R.C. Middle & High School, Barwadih,Ranchi.

5.2 **Student Progression**

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

A number of students progress to higher education as well as employment. Given below is the percentage of students progressing to higher education or employment.

STUDENT PROGRESSION	%
UG TO PG	On an average 65-70 % students join PG Programme and up to 30% go for competitive exams
PG TO M.PHILL	On an average 5% students join M. Phil Programme
PG TO Ph.D	On an average 5% students join Ph.D Programme
EMPLOYED	On an average 40% students are placed

5.2.2 **Provide details of the programme wise pass percentage and completion rate for the last four years (cohort 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 the city/district.**

Programme wise pass percentage and completion rate for the last four years

DEPARTMENT	SESSION	2010-2013	2011-2014	2012-2015	2013-2016
ECONOMICS	BAI	73.03	78.16	88.09	78.33
	BAII	90.54	94.59	92.03	93
	BAIII	93.51	91.89	74.38	89.5
GEOGRAPHY	BAI	84.80	94.06	97.87	85.57
	BAII	96.52	95.49	99.04	98
	BAIII	99.07	95	98.93	99
HINDI	BAI	84.52	87.85	90.58	80.72
	BAII	92.20	95.78	95.00	98
	BAIII	100	93	100	95.9
HISTORY	BAI	72.89	64.33	77.38	61.11
	BAII	77.27	85.36	92.13	89
	BAIII	97.20	81	81.92	81.5
POLITICAL SCIENCE	BAI	70.42	85.48	82.97	90.62
	BAII	93.60	84.26	95.61	91
	BAIII	95.87	94	97.19	99
PSYCHOLOGY	B.A.I	45.24	91.18	88.88	95.45
	B.A.II	92.59	89.28	100	100
	B.AIII	100	92	92.30	88.8
COMPUTER APPLICATION (B.A)	B.AI	66.67	88.89	76	77.77
	B.AII	91.67	100	100	94
	B.AIII	70	100	93.75	100
FASHION DESIGNING	B.AI	60	80	100	88.88
	B.AII	66.67	66.66	100	91
	B.AIII	100	100	100	100
BOTANY	B.SC.I	20	70	71.42	56.52
	B.SC.II	100	100	81.81	90
	B.SC.III	100	86	90.90	100
MATHS	B.SC.I	73.08	90.48	83.33	77.96
	B.SC.II	80	100	80.95	95
	B.SCIII	88.89	86	100	97
ZOOLOGY	B.SC.I	48.15	67.74	66.66	62.96
	B.SC.II	100	100	96.55	100
	B.SCIII	87.50	95	100	82.1

COMPUTER APPLICATION (B.SC)	B.SCI	71	90.38	72.22	76.47
	B.SCII	93.75	85.71	87.87	100
	B.SCIII	100	100	97.5	100
INFORMATION TECHNOLOGY	B.SCI	71.42	100	78.57	93.75
	B.SCII	100	100	64.28	100
	B.SCIII	100	85.71	100	100
ACCOUNTS	B.COM I	-	-	92.89	97.40
	B.COM II	-	-	-	98
	B.COM III	-	-	-	-

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

Institution takes every effort to facilitate student progression to higher education and towards employment. Regular career and counseling sessions, opportunity centre programmes, coaching for entry in services, seminars, workshops and extracurricular activities are organized to enhance the knowledge, ability and skills of students. ICT enabled teaching methods and exposure to the vocational courses like B.C.A, IT, FD & Add- on- courses further sharpen their skills and prepare them for challenging futures ahead. Introduction of P.G classes from session 2016 in five Arts subject has facilitated student's progression to higher education.

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

The special support provided to students who are at risk of failure and drop out are:
- Regular Remedial classes funded by UGC/arranged by the institution are organized.
- Tutorials and class tests are taken by the teachers in their respective departments.
- Regular Parents Teachers Meetings are organized by each Department to appraise parents of the performance of students.
- Regular staff/ departmental meetings take place to discuss the problems of students.
- Financial aid is provided to economically weaker students (as per their requirements).
- Counselling and Mentoring support is provided by the teachers of the respective departments to reduce the drop out.
- Some departments provide the Book Bank facilities to the weaker students.

5.3 **Student Participation Activities**

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

The institution encourages co-curricular and extracurricular activities which are organized under the supervision of various committees. Annual Sports Day, College Day, Youth festival, and other cultural activities are held every year. Students actively participate in all the activities /competitions. Different departments organize different activities like debate, speech, elocution, quiz, one act play, mime and skit competitions. In addition to this, creative

writing, essay writing, entrepreneurial skill and creative skill competitions are also organized. The institution not only encourages the students to take part in extracurricular activities but makes them understand the importance of these extracurricular activities.

There is a cultural committee in the college for organizing various cultural and extracurricular activities. Cultural committee organizes Independence Day, Republic Day and College Day every year. Details of their activities are given below.

YEAR	ACTIVITIES
15.08.2013	Independence Day **Events** Speech, Song, Group Dance, One Act play, Bhangra Dance, Patriotic Group Song
21.12.2013	College Day **Events** Prayer Dance, Tableau, Group Dance, Nativity Play
26.01.2014	Republic Day **Events** Speech, Song, Dance-Pray for India, Marathi Dance, Classical Dance
15.08.2014	Independence Day **Events** Speech, cultural programs "Bharat Vandana"group song, solo song, classical dance, tableau
26.01.2015	Republic Day **Events** Speech, Patriotic Song, Classical Dance, Semi Classical Dance
15.08.2015	Independence Day **Events** Speech, group song, solo song, classical dance, duet Dance, Solo Dance
26.01.2016	Republic Day **Events** Speech, Solo Song, Group Dance, Folk Dance, Solo Dance, Yoga Performance

The sports committee of the college organizes Annual Sports Day every year in the months of Dec/ Jan. Events like 100m, 200m, 400m, 800m race, javelin throw, discuss throw, shot put throw etc. are performed by students. Apart from this, extracurricular activities like debate, elocution, quiz etc. are organized by different committees. Students from all streams participate in these activities.

5.3.2 Furnish the details of major student achievements in co- curricular extracurricular and cultural activities at different levels: University/ State/ Zonal/ National/International, etc. for the previous four years?

Given below is the record of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University/ State/ Zonal/ National etc. for the previous four years.

UNIVERSITY LEVEL (Youth Festival)	YEAR	VENUE/ DATE	ACHIEVEMENT
	2010	St .Xavier's College 8th -9th Oct	1st Prize - Classical Dance, Mime, Skit, Poster making 2nd Prize –Hindi Extempore
	2011	Marwari College 30th Nov -1st Dec	1st Prize –Classical Dance, Tribal Dance, Hindi Extempore 2nd Prize –Mime, Skit, Rangoli 3rd Prize –English Extempore, English elocution
	2012	Marwari College 27th -28th Nov	1st Prize – Hindi Elocution, Collage 2nd –Mime, Tribal Dance, Hindi Extempore 3rd Prize –Poster making, Debate, Rangoli
	2013	St. Xavier's College 17th -19th Nov	2nd Prize –Mime, Rangoli, Debate, Classical dance 3rd –Skit
	2014	Ranchi College Ranchi 12th & 13th November	Ist Mime
			IInd One Act Play, Debate
			IIIrd Skit
	2015	Nirmala College Ranchi 7th ,8th & 9th December (The college received the Champion's Trophy)	1st Prize – Folk Orchestra, Spot Photography, Mime, Elocution, Collage, Poster Making,Clay Modeling, Rangoli ,On The Spot Painting
			2nd Prize – One Act Play, Mimicry , Debate
			3rd Prize – Skit
	2016	St.Xaviers College 27th 28th 29th	1st Prize- Installation , Orchestra, Tribal Dance, Elocution

		November 2016	2nd Prize- Mime, Classical Dance, Mimicry, Debate 3rd Prize- Poster Making
SPECIAL EVENT ORGANIZED BY N.S.S	13th March 2014	13th March, 2014 at Doranda College	Awarded 1st, 2nd and consolation prizes in an essay writing competition
ZONAL LEVEL	2012	Khelgaon Hotwar Ranchi 7th -9th Dec	2nd Prize –Mime
STATE LEVEL	2016	16th Jharkhand State Senior KYORUGI TAEKWONDO Championship at Bokaro	Shashi Reshma Kujur B.Com Part II –Bronze medal
	2014.	Organized by CMAI in collaboration with Ranchi University	1st Prize in English debate competition **(National Jharkhand Education Summit and Awards, 2014)**
	2014	Jharkhand State Karate Championship	Sneha Balmuchu of Bsc II got 1st Prize in Kata and Kumite
NATIONAL LEVEL	2011	Organized by Shri Ram Chandra Mission & UN Information Centre for India and Bhutan	Certificate of Merit Awarded to three students in All India Essay Writing Event 2011.
	2013	National Karate Champioship at New Delhi	Sneha Balmuchu BSc I participated in the event
	2014	Organized by Xavier Board of Higher Education in India	Certificate of Merit Awarded to three students in National Level Essay Competition
	2015	7th Goju Ryu International Karate Championship 2015 organized at Kolkata	Sneha Balmuchu BSc III won 1st prize in Kumite
	2016	National Level	Micky Kumari BCom Part I,

		Hockey Championship at Jaipur	First position
	2016	AIKF National Karate Championship 2016 at Jaipur	Sneha Balmuchu BSc III participated in the event.

Ranchi University Inter College Athletics meet 2012 -2013

Date	Venue	Event	Prize
16,17 &18 Jan 2013	Ranchi College Ground, Morabadi, Ranchi	400 m Race	IIIrd
		Shot Put	IInd &IIIrd

Ranchi University Inter College Athletics meet 2015 -2016

Date	Venue	Event	Prize
10,11 & 12 Dec 2015	Ranchi College Ground, Morabadi, Ranchi	High jump	IIIrd

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?**
College takes regular feedback from all its stake holders and uses the collected data for its betterment. The collected data is analyzed and several planning committees are formed as per the needs and requirements. Regular meetings and interactive sessions are organized with students/ex-students, teaching staff and the Principal. IQAC, GB, the various planning committees and the existing committees work together under the supervision of the Principal to ensure the successful implementation of the suggestions and recommendations of the stakeholders to enhance the performance and quality of the institutional provisions..

5.3.4 **How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the student during the previous four academic sessions.**
The college encourages the students to develop their creative ability. Students are motivated to write poems, short stories and draw sketches, drawings .Original and creative work of the students are published in the college magazine.

5.3.5 **Does the college have a student council or any similar body? Give details on its selection, constitution, activities and funding.**
Yes, the college has a student council. There is a well structured mechanism for constitution of student council as per norms of the university. A set of rules and regulations have to be followed.

Details of its Selection and Constitution

- Responsible and sincere candidates with 75% attendance
- Age of the candidates must be between17-22.
- The H.O.Ds sign and forward nomination slips of candidates.
- Permission of the students' guardians is mandatory for contesting the election.
- Faculty of the college involved as –
  - a) Chief Returning Officer
  - b) Returning Officer and
  - c) Deputy Returning Officer in the election process.
- Advisory Council looks after the matters related to the election.
- Entire process takes place under the observation / supervision of the Principal.

Major Activities of Students' Council

a) Taking a lead role in conducting / coordinating various activities and programmes like Teacher's Day, College Day, Independence Day, Republic Day, Sports Day & Students' Farewell.
b) Maintain discipline and order during the programmes/activities

Students are elected on the following posts
- President
- Vice –President
- Secretary
- Joint Secretary
- Deputy Secretary
  The Student Council is funded by the institution.

5.3.6 **Give details of various Academic and Administrative bodies that have student representative on them.**
Various Academic and Administrative bodies having student's representatives:

1. Student's Council
2. Magazine committee/ News letter committee
3. Debate and Public Speaking committee
4. Library committee
5. Environment and Discipline Society
6. Anti- Ragging committee
7. Cultural committee
8. Sports and Games committee
9. Career Counselling committee
10. Grievance redressal cell
11. Women cell

5.3.7 **How does the institution network and collaborate with the Alumni and former faculty of the institution.**

The institution has a good network and collaboration with former faculty and alumni. Some retired teachers are also engaged in teaching as visiting faculty. The College also invites retired teachers on some social occasions like Christmas get-together where old and new teaching members of the institution interact with each other. The institution networks and collaborates with the alumni through AREN (Alumni of Ranchi Ex-Nirmalites)

Any other relevant information regarding student support and progression which the college would like to include.

- The institution awards certificate of appreciation to students
  - Having full attendance.
  - Best academic record.
  - Highest numbers of awards in extracurricular activities.

- The institution fosters and promotes the ideas of unity in diversity, harmony, peace and justice among the students who hail from all sections of the Indian society.

- College topper is awarded Sr. Priscilla Memorial Award

- Different Departments have Memorial Awards for Meritorius students.

- Members of Student council are awarded certificate of appreciation by the institution for their committed and dedicated services.

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Criterion VI : Governance, Leadership and Management

6.1   Institutional vision and leadership.

6.1.1   Encapsulate the vision and mission of the institution and enumerate the objectives it strides to achieve in the field of higher education. What are its contributions for the society?

Nirmala College, Ranchi established in 1969, is a Christian Minority Institution founded by the Society of Sisters of Charity of Jesus and Mary under Society Registration Act XXI of 1860. The college is affiliated to Ranchi University. Nirmala College has made significant contribution to the intellectual as well as all round development of thousands of young girls. The Congregation of the Sisters of Charity of Jesus and Mary was founded by Fr. Peter Joseph Triest in Belgium in 1803 and established in India in Dalhousie in 1901.Its mission was to reveal that God is love.The Society exercises its responsibility over Nirmala College through a Governing Body.The College was established with the primary purpose of providing young girls, specially tribal girls of the area an opportunity of higher learning offered in a spirit and atmosphere of Christian simplicity, sincerity, concern and faith. A sizeable proportion of students are first generation learners hailing from rural areas.Our endeavor is to create a healthy atmosphere where equal opportunities of learning and education are provided to all the students, irrespective of their class, caste, creed or community and their belief is fully respected. The motto of our college   *COR UNAM ANIMA UNA* which translates to "**ONE HEART ONE MIND"** reiterates our belief and vision.

Mission:

- Advancement and dissemination of learning and knowledge among young women especially from minority & underprivileged communities.
- The integral development and empowerment of young learners so that they enrich the society with their learning and skill.
- Provision of quality education to enable every deserving individual to match her aspirations with her career goals.
- To sensitize the students on issues like environment, human rights, gender equality and to ensure their holistic development through ethics classes.

The objectives of Nirmala College are enumerated below:

- To offer students, a milieu conducive to their integral development in which they will find respect for desirable personal and social values of life.
- To foster and promote the ideas of unity in diversity, harmony, peace and justice among students who hail from all sections of the Indian society.
- To promote empowerment of girl students through quality education.
- To equip students with intellectual competence and promote community development.
- To instill leadership quality.
- Promotion of education of liberal arts, in order to lay the foundations of a just and humane society.

6.1.2 **What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?**

The Society of Sisters of Charity of Jesus and Mary manage the institution – Nirmala College. The society is registered under the Society Registration Act XXI of 1860. The Head of the Organization is the President of the Governing Body (G.B) of the college. All administrative and academic decisions are formalized by the Governing Body. Sr. Lilly is the President of G.B., Dr.Sr. BernadineTirkey (Secretary), Dr.Sr.Jyoti Kispotta (Principal) is also a member of the Governing Body

- The Principal is the administrative as well as the academic head of the institution. The Principal with the assistance of IQAC plans, organizes and executes all activities of the institution.
- Regular appointment of staff according to UGC and University norms, development of infrastructural facilities and introduction of new courses is the topmost priority of the Governing Body.
- The Principal is responsible for all academic activities of the college, admission of students, conduct of various committee meetings, finance, discipline and students' welfare.
  The Management, the Principal and the Faculty are always working together for designing and implementation of quality policies and plans
- Our Principal is also a member of two external committees - Expert Committee for revision of pattern of Combined Civil Services Exam, JPSC (Letter No.2/ Pari – JPSC-1372011-930) and Vice President, Xavier Board of Higher Education – North and North East Region.
- Principal is also a member of NAAC Peer Team since 2015.

6.1.3 **What is the involvement of the leadership in ensuring :**
- The policy statements and action plans for fulfillment of the stated mission
- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

The Principal plays a pivotal role in implementation of the policies framed by the Governing Body. She is responsible for bridging the communication gap between the Governing body and the staff as well as imparting guidance to the institution.
- Action plans are formulated during Principal–faculty meetings.
- Interactions with Alumni and stake holders who are members of IQAC. Meetings are held and suggestions are welcome.
- Suggestions incorporated in designing the college plans.
- The faculty undertakes Research Projects and pursues doctoral research. Members of the faculty also attend seminars/workshop training programmes.

- Online application forms are available for admission.
- Wi-fi /Inflibnet enabled campus.

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?**
In order to communicate, monitor and evaluate policies and plans, the Principal holds regular meetings with the Governing Body, IQAC, Staff Council and all the various sub-committees for effective implementation and improvement of the institution. The institution conducts bi-annual internal audit as well as academic audit.

6.1.5 **Give details of the academic leadership provided to the faculty by the top management?**
- Faculty members are involved in academic leadership with respect to teaching plan, chalking out class routine as well as conducting internal examination under the supervision of the Head of the institution.
- The Principal conducts staff meetings at regular intervals to monitor the development and smooth functioning of the college.
- Regular departmental meetings and parent- teacher meetings are held.

6.1.6 **How does the college groom leadership at various levels?**
The college administration is actively involved in grooming leadership at various levels. Faculty members are also nominated to different committees like IQAC, Staff Council, Executive Committee, Examination Committee, Anti – Ragging committee, Anti Ragging Squad, Discipline Committee, Women's cell, Sports committee, Cultural committee, Finance committee, College Editorial board (English and Hindi both), Building Committee, Career Counseling Cell and NSS unit. A number of faculty members are sent to attend orientation programs, refresher courses, workshops, seminars and conferences(National and International) organized by IQAC, UGC, universities and academic institutions. The members of the faculty are encouraged to participate in various committees at the university level. Head of Departments of Psychology, Economics, Geography, History, Zoology and Political Science were part of Board of Studies which has helped in framing the new CBCS syllabus. The institution provides full autonomy to the departments which are work under the guidelines decided in the academic committee at university level.

To inculcate virtue of leadership in the students, the student council representative are elected and made members of various clubs and committees. The various clubs and committees of the college are as follows : 'Srijan' , 'Zoological Organisation' , 'Chetna','HistoryAssociation','Jagriti','Samanvay','Galaxy','Jyotirmarg','Computer World, They are encouraged and facilitated to take part in regional, state, national, and international fronts.

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?**
The college administration delegates authority to the departmental heads. The departmental administration is decentralized.The HODs along with other faculty members, work

independently to chalk out their academic and extra co-curricular programmes. The students work in co-operation with the faculty members within each department /committee for various activities. If students faces any issue the matter is taken up by the department and the department tries to solve it, if the matter is not resolved , it is referred to the Head of the institution.The departments are managed by the head of departments and the heads are authorized to take the decisions of department level at their end.

6.1.8   Does the college promote a culture of participative management? If   'yes', indicate the levels of participative management.

The college promotes a culture of participative management through meetings with the faculty, IQAC, departmental heads and student council representatives. The Governing Body of the college has faculty members as representatives. Students participate in management through students' union.

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?

Yes, a formally stated policy came into existence after formation of IQAC which was formed on 9.09.2009. It plans and supports effective implementation of total quality management .Our quality policy endeavors to create a healthy atmosphere where equal opportunities of learning and education are provided to all the students, irrespective of their class, caste, creed or community and their belief is fully respected. The motto of our college *COR UNAM ANIMA UNA* which translates to "**ONE HEART ONE MIND**" is emulated and reflected in our policy.

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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 Institution does have perspective plans for development.
These are as enumerated below:

- Introduction of more Post-Graduation courses in Arts and Science Departments.
- Introduction of B.B.A., Bio-technology, Bio-informatics and B.Ed courses
- Lift and classrooms in the North East wing of the college
- Log book for visitors

6.2.3 Describe the internal organizational structure and decision making processes.

The internal organizational structure is presented by the following flow chart-

The Internal Organizational Structure

Society of Sisters of Charity of Jesus and Mary (SCJM)
PRESIDENT (HEAD OF GOVERNING BODY OF SOCIETY)

⬇

GOVERNING BODY OF COLLEGE

⬇

PRESIDENT OF G.B. COLLEGE

⬇

SECRETARY OF G.B.

⬇

PRINCIPAL

VICE PRINCIPAL *EXECUTIVE COMMITTEE* *IQAC* *BURSAR* *SUB COMMITTEES* *NON TEACHING* *STUDENT UNION*

STAFF COUNCIL **RUSA** **CPE**

EXAM COMMITTEE
DISCIPLINE COMMITTEE
SPORTS COMMITTEE
CULTURAL COMMITTEE
CAREER COUNSELING CELL
ANTI- RAGGING CELL
ANTI -RAGGING SQAD
GRIEVANCE REDRESSAL CELL
FINANCE COMMITTEE
EDITORIAL BOARD
NSS CELL
MAGAZINE COMMITTEE
BUILDING COMMITTEE
LIBRARY COMMITTEE
ACADEMIC COMMITTEE
WOMEN CELL

6.2.4   Give a broad description of the quality improvement strategies of the institution for each of the following

- **Teaching & Learning**
  Teaching learning is improved through audio visual aids, interactive sessions, group discussions, projects, assignments, field trips etc.

- **Research and development**
  Member encouraged to pursue individual research, guide research students, undertake minor/major research projects, present and published papers.

- **Community engagement**
  NSS wing Red Ribbon Club provides opportunities to students to serve the society through various programs and activities like medical camps, environmental awareness drive, tree plantation drives, blood donation camps, Swachh Bharat abhiyaan, awareness programs on breast feeding benefits, female foeticide / girl child welfare, rallies to create awareness regarding voting rights as well as gender sensitization.
  A health camp was organized by Zoological Association of Department of Zoology. It also served to create awareness regarding first aid.
  A proposal has been sent for NCC wing.

- **Human resource management**
  The college constantly takes steps for quality improvement of the human resource of the college by providing adequate assistance and help whenever required. The college library has been upgraded and equipped with Wi- fi and inflibnet for facilitating research. Faculty is encouraged to attend seminars, conferences , workshops, orientation and refresher programs. The institution monitors the performance of the staff through feedback mechanisms and annual appraisal reports. Guest lectures by various subject experts are called from time to time.

- **Industry Interaction**
  The students of Information Technology, Department and Bachelor in Computer Application Department/Fashion Designing go for on the job training / internship to various industries / companies like CCL – Central Coalfield Limited, NIFFT – National Institute of Foundry and Forge Technology, NIIT**,** USHA MARTIN, SAIL, MECON, AGO, LIC etc.

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 Head of the Institution ensures that adequate information is conveyed from feedback and personal contacts to the top management and stakeholders through regular G.B meetings. The staff council, non- teaching staff, all the sub committees are kept in continuous contact through the Principal through meetings. The minutes of the meeting and information is well documented and is available for use as per requirement. An annual newsletter '*Nirmala Communique'* is released every year keeping all the stakeholders abreast with activities of the college. Annual report is presented by the Principal on College Day, 8th December informing about new development concerned with all aspects of the college.

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 institution works in tandem with the IQAC, Staff council and various sub-committees enhancing the effectiveness and efficiency of the institutional process. Suggestions made at the meeting are implemented.
- The Principal and Vice Principal are available during the working hours for monitoring, supervising and guiding the staff members.
- The dynamic and dedicated staff members are actively involved in all functions of the college.
- The college has a very good work culture which motivates the staff members to work for quality enhancement of the college.
- Regular meeting of stake holders is held.
- Computer Training for non- teaching staff- DCA(Basic Computer Literacy Course)

6.2.7 **Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

The details of resolution made by the Management Council (Governing Body) in the last year is as follows:

Sl.no	Resolution	Status of implementation
1.	Application for P.G Course in Economics, Geography, History, Hindi,Political Science	Application submitted to the University and affiliation granted for the session 2016-18
2.	Application for Honours teaching in English and Philosophy	Application submitted to the University and affiliation granted for the session 2016-19
3.	Application for BBA teaching (Vocational Course)	Affliation granted from 2016
4.	Purchase of various equipments under RUSA Component 7	Equipment purchased
5.	Renovation and upgradation of infrastructure under RUSA	Work under progress.

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 , Provision for status of autonomy to an institution affiliated to Ranchi University exists, but this institution has not applied for it.

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 institution has a Grievance Redressal Cell which ensures that all grievances /complaints of the students are promptly attended to and resolved effectively. The grievances / complaints are put forward before the Principal and suggestions and recommendations are made as per the nature of the grievance by the cell.

6.2.10 **During the last four years, had there been any instances of court cases filed by the institute? Provide details on the issues and decisions of the courts on these?**
NA

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?**

Institution has a regular anonymous feedback system for students. The students get an opportunity to grade the college on all its aspects. Their criticisms and suggestions are considered and implemented as far as possible. IQAC, G.B. and the sub-committees analyze them and in many cases, policies have been framed and implemented.

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?**

Professional development of teaching staff :

1. A number of teachers attend Orientation and Refresher courses every year to enhance their academic skills.
2. They are encouraged to participate in academic workshops, seminars and conferences by allowing Duty leave, TA and DA and other support as and when required.
3. Relevant UGC schemes are available to the teaching staff for their academic development.
4. They are encouraged to take up major and minor projects funded by UGC and other agencies.
5. The non-teaching staffs are also provided professional training such as computer training programmes to enhance their efficiency.
6. Teachers are provided with free wi-fi in order to facilitate their professional development.
7. The college has rich a main library and departmental library. It is also inflibnet enabled.
8. Audio video aids are allotted to each department to make teachers acquainted with new modern methods of teaching.

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?**

As mentioned previously, the college encourages the faculty to participate in various orientation programmes, refresher courses, workshops and seminars for their academic development and to add to their experience through interaction with faculty members from other institutions.

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.**

Annually the students assess the performance of the faculty. The feedback received is shared with the faculty. At the end of each year, teachers are required to fill in Self-Appraisal Performa which is based on UGC and Ranchi University guidelines. Such measures inspire them to actively engage in upgrading teaching and research skills.

The services provided by non-teaching staff are systematically assigned and managed by the institute. The Principal also observes their performance and makes suggestions for improving services provided by them.

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?**

The feedback is utilized for writing CCR's for promotion or career advancement screening.

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 institution takes several welfare measures to motivate its staff members-

- Group insurance cover.
- Financial assistance and duty leave to attend academic sessions out of station.
- General/Employee Provident Fund Scheme under which the management contributes its share equal to the employees' contribution.
- Gratuity is promptly disbursed on retirement.
- Loan facilities to teaching & non-teaching staff.
- Special Leave for teaching & non-teaching staff on medical grounds.
- Employment to Spouse/children on compassionate grounds (non-teaching)
- Maternity Leave
- Free vehicle parking.
- Management in collaboration with staff council organizes farewell for retiring staff.
- Duty leave for conference, seminar , workshops, refreshers and orientation.
- Advertisement for recruitment is published in leading national dailies and candidates are recruited on merit basis as per UGC norms.

6.3.6   **What are the measures taken by the Institution for attracting and retaining eminent faculty?**

The college provides salaries as per UGC norms to the permanent teachers who are appointed on the basis of their eligibility criteria. The ad-hoc teachers are assured of permanent service conditions on the basis of their qualifications and service to the institution. Above all, it offers a staff friendly atmosphere, a cordial working condition to its teaching staff that ensures retention of the selected faculty. All possible opportunities of self-development are offered.

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?

College makes sincere efforts for financially backward students- in the form of scholarship/free ship. Budget is prepared for the financial year for effective and efficient use of the available financial resources. Fund is allocated for the following enumerated expenses:-

- Salaries of Teaching and Non-teaching staff
- Purchase of books for library
- Internal Examination expenses
- Laboratories facilities
- Safety and Security
- Infrastructure maintenance
- Building development
- Electricity
- Sports and Games
- Other miscellaneous expenses

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.

Yes, internal auditing is done periodically by the college Bursar. External auditing is done annually by chartered accountants. The last external audit was done for the year 2015- 16. There are no major audit objections. Occasionally the HRD conducts its own audit.The last on was conducted by the HRD in 2014. No anomalies were found by the Auditing team. The audited statement of last three years are as follows

Audit details of 2015-2016.

S.NO.	RECEIPTS (INR)		EXPENDITURE(INR)	
01	College fund	16,00,914	Salaries + Remuneration	7,83,22,621
02	Development fund	27,18,808	Repair & Maintenance	19,22,011
03	Science fund	5,80,642	Examination	24,69,978
04	Staff fund	20,03,628	Lab Expenses	2,52,910
05	Students activity	7,06,454	Other Expenses	2,09,69,584
06	Student aid fund	3,29,868	Depreciation	10,64,625
07	Deficit Grants	4,86,07,130		
08	Fee Collection	1,54,16,152		
09	Lab Fee	4,31,382		
10	Other income	5,90,05,771		
11	Bank Interest	15,51,706		

Audit details of 2014-2015.

S.No.	RECEIPTS (INR)		EXPENDITURE(INR)	
01	College fund	14,85,450	Salaries + Remuneration	4,47,46,744
02	Development fund	19,37,416	Repair & Maintenance	28,26,310
03	Science fund	4,64,350	Examination	18,69,185
04	Staff fund	18,77,654	Lab Expenses	1,06,511
05	Students activity	1,95,220	Other Expenses	1,30,18,478
06	Student aid fund	98,156	Deprecation	9,85,531
07	Deficit Grants	1,48,98,484		
08	Fee Collection	2,19,71,330		
09	Lab Fee	4,78,579		
10	Other income	47,50,050		
11	Bank Interest	6,63,228		

Audit details of 2013-2014.

S.No.	RECEIPTS (INR)		EXPENDITURE(INR)	
01	College fund	1274114	Salaries + Remuneration	42205601
02	Development fund	5082693	Repair & Maintenance	439297
03	Science fund	1103933	Examination	1441092
04	Staff fund	20379592	Lab Expenses	64891
05	Students activity	90390	Other Expenses	6082872
06	Student aid fund	54464	Deprecation	949173
07	Deficit Grants	32475631		
08	Fee Collection	12104589		
09	Lab Fee	349931		
10	Other income	3392988		
11	Bank Interest	1349312		

Audit details of 2012-2013

S.No.	RECEIPTS (INR)		EXPENDITURE(INR)	
01	College fund	18,56,810	Salaries + Remuneration	34065203
02	Development fund	1913658	Repair & Maintenance	202850
03	Science fund	251512	Examination	1489045
04	Staff fund	3106388	Lab Expenses	104189

05	Students activity	95158	Other Expenses	2070809
06	Student aid fund	95245	Depreciation	1006113
07	Deficit Grants	12029370		
08	Fee Collection	6956472		
09	Lab Fee	611986		
10	Other income	7635893		
11	Bank Interest	480681		

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 previousfour years and the reserve fund/corpus available with Institutions, if any

Major sources of institutional receipts/ funding comes from student's fee, Grants are given by UGC, RUSA and CPE. Deficit is managed by Deficit Grant by the State Government. The College doesnot have any provision for corpus fund. Salaries of staff is paid by a reserve fund created by the State Government aid and fees collected from students.

Particulars	B.A. Part 1		B.Sc. Part 1		B.Com Part I	
	Gen	ST/SC	Gen	ST/SC	Gen	ST/SC
Tuition Fee	216	-	216	-	216	-
Admission Fee	20	20	20	20	20	20
University Reg. Fee	250	250	250	250	250	250
Migration	100	100	100	100	100	100
Honors Fee	500	500	500	500	500	500
College Exam. Fee	600	600	600	600	600	600
Library, Magazine,common room	700	700	700	700	700	700
Game Fee.	150	150	150	150	150	150
Student Aid Fund	100	100	100	100	100	100
Student Activities Fund	150	150	150	150	150	150
Development Fund	1500	1500	1500	1500	1500	1500
Staff Fund	1000	1000	1000	1000	1000	1000
College Fund	1000	1000	1000	1000	1000	1000
Science Fund	-	-	2500	2500	-	-
ID Card	114	30	114	30	114	30
Gratuity	1000	1000	1000	1000	1000	1000
Maintenance	1500	1300	1500	1300	1500	1300
Caution money	1000	1000	1000	1000	1000	1000

Grand Total	**9900**	**9400**	**12400**	**11900**	**9900**	**9400**
Practical with Geo/Psy	400	400	**Practical** Phy/Che	800	800	-	
Total	**10300**	**9800**	**13200**	**12700**	**-**	
Practical with Home Science	800	800	**Practical Phy/Che/** Bio	1000	1000	-	
Total	**11100**	**10600**	**14200**	**13700**	**9900**	**9400**

Fee Details for Vocational Courses (Self financed)

Add - on course	Annual Course fee	Annual University examination fee	Total annual fees
Computer Application	5,000	550	5,550

Particulars	B.C.A I	INFO. TECH I	F.D.I
Tution fee	6000	6000	4000
Admission	20	20	20
College Exam	600	600	600
Library / Mag. Com.R	700	700	700
Hons. Fee	500	500	500
Games	150	150	150
Student aid fund	100	100	100
Student activity fund	150	150	150
Dev. Fund	1500	1500	1500
Staff Fund	1000	1000	1000
College Fund	1000	1000	1000
Maintenance	1500	1500	1500
Gratuity	1000	1000	1000
ID	130	130	130
Software	3000	3000	3000
Lab	5000	5000	5000
Caution Money	1000	1000	1000
Registration	250	250	250
Migration	100	100	100
TOTAL	**23700**	**23700**	**14700**

6.4.4. Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The College received funds from RUSA in the year 2015-16 & 2016-17 an amount of Rs 1,50,30,000 out of sanctioned amount of 2,00,00,000 (38,30,000 + 1,12,00,000) towards Preparatory Grant, Procurement and Infrastructural Development. Utization for the same has been submitted to RUSA. The College also received funds from CPE (2016-17) to the amount of Rs.77,52,000 . Utilization for the same has not been submitted.

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?

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

c. Does the IQAC have external members on its committee?
   If so, mention any significant contribution made by them.

d. How do students and alumni contribute to the effective functioning of the IQAC?

e. How does the IQAC communicate and engage staff from different constituents of the institution?

a)

- Yes, the institution has an Internal Quality Assurance Cell. It was set up on 9th September, 2009. Its first Chairperson was the Principal, Sr. Priscilla, its Co-coordinator was Mrs. Rashmi mala Sahu and three team members were Dr. Sr.Jyoti Kispotta (Vice Principal), Dr. Debjani Roy, HOD, Dept. of Geography, Dr. Emma Seraphim, H.O.D, Zoology and Mrs. Suman Tirkey (librarian). Team was extended after six months and Mr. Navendra (Non - Teaching) Dr. Indu Kumari, Deptt. of Botany and Dr. Afrinul Haque Khan, H.O.D. English, were inducted in the team, later on Dr. Jyoti Prasad H.O.D. Psychology was also added. Three external members are also part of the team Mr. P.L .Gupta and Mr. Kumud Kumar, Mr. Lalan Singh.

- Proposals by IQAC.

Proposals by IQAC	Category	Date of Meeting	Implemented by Management on
Renovation of class rooms, labs and libraries.	Infrastructure Learning Resources	25.9.2013	January 2015
Separate library for Competitive Books	Infrastructure Learning Resources	02.04.2010	November 2014
Installation of green boards & additional benches	Infrastructure Learning Resources	02.04.2011	November 2014
Dress code and Identity Card for students & teachers	Governance Leadership Management	06.07.2011	August 2014
Construction of common room	Infrastructure	23.08.2011	November 2014

Renovation of canteen/Parking for two wheelers	Learning Resources		
Plan for installation of CCTV	Infrastructure Learning Resources	08.09.2011	December 2014
Proposal for at least one week of Remedial Classes after Terminals	Student Progression	10.01.2012	March 2012
Iniitiation of Internal Academic Audit	Teaching/Learning /Evaluation	21.01.15	February 2015
Faculty Enrichment Programmes at the beginning of each session	Governance /Leadership /Management	04.12.2014	January 2015
Initiation of Gyan Jyoti Outreach Programme	Research/Consultancy/ Extension	05.01.2015	April 2015
Short Term Computer Courses for students & Staff	Infrastructure & Learning Resources	17.08.2015	September 2015
Career Counselling Courses through professions	Student Support & Progression	02.03.2015	March 2016
National Workshop on Quality Enhancement in Higher Education	Research/Consultancy/ Extension	17.08.2015	April 2016
Rainwater Harvesting	Best Practices	15.06.2015	June 2016
Weekly visit by Lady Doctor	Best Practices	28.11.2016	January 2017

b) Majority of the decisions of IQAC that are compatible with the principles of the institution have been approved and implemented by the management.

c) Yes, we have two external members Mr.P.L.Gupta for infrastructural consultation and Mr. Kumud Kumar for counseling and planning of educational tours.

d) The students contribute to the effective functioning of the IQAC through a formal feedback and an informal feedback from the alumni AREN.

e) IQAC communicates and engages staff from different constituents of the institution

through official email, written notices and regular meetings.

6.5.2   **Does the institution have an integrated framework Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.**

The college has set up various committees comprising of members of faculty, non-teaching staff, student representatives, to co-ordinate and ensure that the administrative and academic work is performed within the stipulated time. The IQAC supervises the working of various committees.

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 institution has facilitated our staff for attending various workshops conducted by UGC like– **Sensitization Awareness and Motivation (SAM)** for teachers, **Training of Teachers (TOT)** and a six day workshop **Management Skills Enhancement Module (MSEM)** Research Methodology.
- Regular seminars, National and International Seminars and workshops attended by the staff and facilitated by the college administration.
- Several committees are formed by the head of the institution, headed by senior teachers.
- Resource Persons in different fields, Academic Staff College, ATI, Ranchi.
- Short term computer training courses (DCA) are run for the non- teaching staff for increasing efficiency.

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?**

Yes, the Principal along with the Head of departments conducts a formal academic audit based on the results of internal exams as well as the exams conducted by Ranchi University. The outcome is analyzed and then required measures are taken to improve the results.

6.5.5   **How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies / regulatory authorities?**

The college follows the guidelines of UGC, NAAC and Ranchi University in order to maintain standards in teaching learning process, conduct of examination and evaluation. The college has been accredited with CGPA of 2.51 and it has been awarded with grade "B" by NAAC in 2015.

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 Head of the institution holds a meeting with all the Head of the departments to discuss and review teaching learning process.
- Feedback from students is obtained on a regular basis and remedial measures are taken.
- Teaching plan and self appraisal report.
- Annual report is submitted before the stakeholders and reviewed.

6.5.7 **How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

IQAC communicates and engages staff from different constituents of the institution through official email, website, newsletter, written notices and regular meetings.

Criterion VII : Innovations and Best Practices

7.1 Environment Consciousness

The college is aware of the fact that Higher Education Institutions have to play a significant role to inculcate environment consciousness among the future citizens of the country and in doing so arrest environment degradation. The College is working towards making the campus 'Eco- friendly' with the help of NSS, Women's cell Zoological Associations and other units of the Institution. NSS has Celebrated World Earth day on 22.04.2015 and World environment day on 5.06.2015 to create awareness among students to protect the environment. NSS has organized three days Saplings Distribution Programme from 8.09.2015 to 10.09.2015 to enhance consciousness for planting trees. An exhibition was organized by Department of Botany on 'Medicinal plants' that helped to create awareness about the beneficial aspects of herbal plants in students.

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

To keep the entire campus green in words and action, the college has an Internal Green Audit system. Various measures are taken up as a follow up of these units like plantation is made by NSS, women's cell and others from time to time. The College has been declared Polythene free zone. The College has conducted student's Seminars on 'Global- Warming' and 'Importance of Biodiversity'. Whenever the dignitaries visit the college, they are gifted plant saplings to Honour their visit. Plantation drive was run by the NSS unit of the college.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Energy Conservation
- Staff and Students are advised to turn off lights and fans when they are not using them.
- Regular bulbs are getting replaced with tube lights and CFL's which use less energy, emit less heat & last many times longer than the conventional incandescent bulbs.
- Faculty and Students are encouraged to switch off electronic laboratory facilities and ICT devices when they are not in use.
- The Workplaces and Laboratories are arranged to take advantage of natural light from windows.
- Silent Generator are installed in college campus to minimize Noise and Air Pollution.
- CFL bulbs in all classrooms to reduce power consumption.

Use of renewable energy
- Solar Heaters are installed in the Convent to conserve energy and minimize energy consumption.
- Faculty and Students are advised to turn off taps, lights and fans etc. after using them.

Water harvesting
- Rain water of main building is allowed to collect in a Channel & from this it is allowed to enter in Recharge Pits (Percolation Pit) to recharge ground water table.
- In the playground and other land patches, rain water percolates through the soil to recharge the bore well water table.

Check dam construction

The landscape of the college campus is such that there is no scope for Check dam construction.

Efforts for Carbon neutrality

- Variety of trees have grown in rows all along the compound wall and the building as well as on entire side of the "Tar- topped" roads to maintain carbon neutrality.
- Parking lot is constructed near the main entrance of the college to avoid emission from vehicles.
- Use of paper is reduced through promotion of online admission, e-data.

Plantation

- The campus is neatly covered under lush green branches of tall trees. There are about 250 large trees .Studies revealed the occurrence of more than 32 varities of plants belonging to Annonaceae, Malvaceae, Rutaceae, Meliaceae, Leguminosae, Rosaceae, Myrtaceae, Rubiaceae, Verbinaceae, Moraceae, Anacardiaceae, Apocynaceae, Moraceae, family etc.
- The NSS volunteers and women's cell plant sapling not only in college campus but also in other locality.
- A peepal tree was planted by the Hon'ble Governor of Jharkhand on 8th December 2016 on the occasion of College Day

Hazardous waste management

- Hazardous wastes in the college are very much negligible.
- Practical classes pertaining to various programmes do not produce hazardous waste.
- NSS conducts extension activity for local community to create awareness and consciousness.

e-waste management

- The e-waste generation is very minimal in the campus.
- Used computers and peripherals are exchanged under buy- back policy.
- Used batteries of UPS are also exchanged under buy- back policy.

Any other

- The entire college campus is free from noise and hazardous smoke pollution.
- Re- usage of one side printed paper is practiced.
- Waste papers and answers scripts are given for recycling.
- Institution has planned not to use green patches for the extension activity.

7.2   INNOVATIONS

Our motto "One heart one mind" is the vision behind a number of innovations introduced in the college . In keeping with the spirit of experimentation and innovation, the following new strategies have been adopted.

- **Smart Classes :** Each department is provided with a laptop, projector, screen and internet connectivity. The smart class provides the students an opportunity to become conversant with ppt presentation as most faculty members use it for their lectures. Students are motivated to collect resources' related to their subjects, seminars, and projects from the internet thereby making them tech savvy.
- **Co-curricular Activities:** Every department organizes intra & inter departmental competitions. Co-Curricular activities at such wider scale provide opportunity for personality development to a very large section of our students. We also nurture diligently the budding talents through our cultural committee and help them excel at various inter college competitions. Eight girls from our institute participated in the Zonal level of Youth Festival in Tezpur in Assam in 2015.
- **News Letter :** Annual college Newsletter '**Nirmala Communiqué**' was started online to disperse information about our activities and achievements
- **Seminars and Workshops:** To promote quality education and inspire our students towards research, Two National level Seminars were organized by the Geography department and Psychology department of Nirmala College. A NAAC Sponsored National Workshop was organized by the college on the topic 'Enhancing Quality Education in Higher Educational Institutions' in 2016.Workshops and seminars for students are also organized frequently which are addressed by eminent academicians .
- **Add-on courses :** Various Add-on courses have been introduced in the college to hone professional skills of the students.
- **Students Progression**-Institute has conducted basic computer literacy course DCA for students and Non- teaching staffs.
- To make students Technosavy, NSS had organized Digital India Workshop on 25.02.2015.
- **Security Measure-CCTV** cameras have been installed at all strategic points in the campus to enhance security and ensure discipline.
- **Value Education:** In order to promote and instill moral values in the students Ethics classes have been introduced in the college.
- **Developing Career Consciousness**- Institution conducted free coaching classes for competitive exams and NSS organized career counseling camp on 10.03.2016.
- **Health Awareness Programmes-** In order to promote awareness about good health 'Sanitation and Health camp' was organized from 21.03.2015 to 27.03.2015 and 'Yoga Fest' was celebrated on 25.02.2015
- **Self Defence Skills :** The College has initiated Karate classes for developing self defense skills of students.

7.3   BEST PRACTICES

7.3.1   The two best practices which have contributed to the quality improvement of the college are given –

Details at Page number - 242

Evaluative Report of the Departments

Department of Economics

1. Name of the Department : Economics
2. Year of Establishment : 1969-1970
3. Name of programmes / Courses offered (UG, PG, M.Phil., Ph.D, Integrated Masters, Integrated Ph.D, etc) : UG (Honours), P.G.
4. Names of interdisciplinary courses and the departments / units involved :   NA
5. Annual / Semester / Choice based credit system (programme wise) : Annual/CBCS (P.G.)
6. Participation of the department in the courses offered by other departments :   Add-on
7. Courses in collaboration with other Universities, industries, foreign institutions, etc: NA
8. Details of courses / programmes discontinued (if any) with reasons: NA
9. Number of teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	4	4

10. Faculty profile with name, qualification, designation, specialization,(D.Sc/ D.Litt/ Ph.D/ M.Phil etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D Students guided for the last 4 year
N D Ekka	MA (Economics), B. Ed, PGDCA (XISS),	Asst. Professor	Mathematical Economics & Econometrics	34	
Dr. Jyoti Pandey	MA (Economics), NET, Ph.D	Asst. Professor	Mathematical Economics & Econometrics	21	
Arpna A Ekka	MA (Economics), B Ed., NET, Certificate Course in Computer Application	Asst. Professor	Economic Growth and Planning	8	
Dr. C Sukanya	MA (Economics), NET, Ph.D.	Asst. Professor	Mathematical Economics & Econometrics	5	

11. List of senior visiting faculty: Prof. Ramesh Sharan, Head, Deptt of Economics Ranchi University, Ranchi

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NA
13. Student –Teacher ratio: B.A.-I (31:1), B.A.- II (30:1), B.A. – III (20:1),
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NA
15. Qualification of teaching faculty with DSc/ D.Litt/ Ph.D/ M.Phil/ PG: (two) Dr. C.Sukanya Ph.D. (2014) , Dr. Jyoti Pandey Ph.D. (2016)
16. Number of faculty with ongoing projects from (a) National (b) International funding agencies and grants received: NA
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc and total grants received: NA
18. Research centre / facility recognised by the university :NA
19. Publications:

Ms. Jyoti Pandey, Economics	1. Forest policies and NTFB based livelihoods in India:Need for better interventions, Indian forester 140(6):563-369, 2014, ISSN no. 0019-4816 2. FRA implementation in Jharkhand, Avataran, Spring & Summer 2014 : 42-51, ISSN www. Ismtrust.com/avatarn 3. Devolution and delusion: Moving from conflict to empowerment in forests in Debjani Roy & Kirti Avishek *Ed* Development & Conflict, ,(2015) ISBN 978-93-80036-75-5 *pp* 84-95 Mitram Publishers Kolkata
Dr. C. Sukanya, Economics	1. The economics of CSR – A case study", (2013) Jamshedpur Research Review, Vol I, Issue II, March 1, 2013 – May 30, 2013, ISSN. No. 2320 -2750
	2. Can CSR combat the problem of Poverty? In "Contemporary Technological Social and Management Issues- Theoritical and Conceptual Perspective, in D.Ganguly (ed)*pp* 165-171,(2014)ISBN 978-81-25299-2-9, SPS Education India Pvt.Ltd
	3."Corporate Financial & Social performance : A critical perspective" in Innovation and Creativity for business excellence in J.K.pattanayak (ed)(2011),*pp* 56-63, ISBN 978-93-81361-60-3, Excel India Publishers
	4.Strategic CSR : The brand building perspective in Rawat et al(ed)New approaches in strategic and operation management (2014) *pp* 286-291

20. Areas of consultancy and income generated : NA
21. Faculty as members in

    (a)   National committees (b) International committees (c) Editorial Boards………..
            Nirmala Daisy Ekka :

(i)   National Executive Committee Member, National Council of YMCAs of India(2009-2015)
(ii)   Treasurer, Jesuit Alumni Association of India, (JAII), Central Zone (2011-2013)
(iii)   National Board Member, Gender Concerns and Women Empowerment, National Council of YMCAs of India (2006-2012)
(iv)   Chairperson Women's Forum, Eastern India Region, YMCAs of India, (2006-2012)
(v)   Board member, International Peace Studies, National Council of YMCAs of India (2015-2018)
(vi)   Life Member, YMCA, Ranchi, Member Board of Directors (2006-2015), YMCA, Ranchi.
(vii) Life Member, Association of Ranchi Old Xaverian's (AROX), Joint Secretary (2014-2016)

22. Students Projects
    (a) Percentage of students who have done in- house projects including inter departmental/ programme : NA
    (b) Percentage of students placed for projects in organisation outside the institutions i.e. in Research laboratories/ industry /other agencies: NA

23. Awards / recognitions received by faculty and students
    Nirmala Daisy Ekka : National Youth Empowerment Award, Presented by the National Council of YMCAs of India on 29th September 2013 at Nagpur.
    Conferment of 125th Anniversary Award by Mr. Peter Posner, President, World Alliance of YMCAs on 20th February 2015, at Chennai in recognition of the exemplary servive to the Indian YMCA Movement.

24. List of eminent academicians and scientists / visitors to the department:
    (i) Shrimati Lakshmi Singh (Secretary, Jharkhand Academic Council, Ranchi, (2012)
    (ii) Shrimati Rama Khalkho (Mayor of Ranchi), (2013)
25. Seminars/ conference/ workshops organized and the source of funding
    (a) National: NA
    (b) International: NA
26. Students profile programme/course wise : 2015 - 2016

Name of Course of the Course/ programme (refer question no. 4)	Application Received	Selected	Enrolled	Pass percentage
B.A. Part I 2016	120	116	119	78.3%
B.A. Part II 2016	NA	119	119	93%
B.A.Part III 2016	NA	119	134	89.5%

27. Diversity of students

Name of the Course	% of students from the same State	% of students from other State	% of students from abroad
B.A. Part I (2013-2014)	94.36%	5.64%	0
B.A.Part II (2013-2014)	95.94%	4.02%	0
B.A.PartIII (2013-201414)	89.7%	10.3%	0
B.A. (2012-15)		5	
B.A. (2013-16)		5	

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services etc.: NA

29. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M. Phil.	
PG to Ph.D.	
Ph.D to Post Doctoral	
Employed Campus selection Other than campus recruitment	
Entrepreneurship/ Self-employment	

30. Details of infrastructural facilities
   - (a) Library: There are 2009 Economics books in the central library of our college.
   - (b) Internet facilities for staff and students: We have one laptop for our students which is used for enhancing knowledge and updating themselves with latest statistical data and information.
   - (c) Classrooms with ICT facility: Yes.
   - (d) Laboratories: No

31. Number of students receiving financial assistance from college, university, government or other agencies

Course	College	University	Govt//other agency
BA-I	6		
BA-II	13		
BA-III	20		

32. Details of student's enrichment programme (special lectures/workshops/seminar) with external experts:

   "Career counselling programme on Stock Markets, Portfolio Management and Travel and Tourism Management" (03.03.2012)

33. Teaching methods adopted to improve student learning: Tutorial classes, remedial classes, interactive teacher- student sessions
34. Paticipation in institutional social responsibility (ISR) and extension activities: YES
35. SWOC analysis of the department and future plans.

STRENGTH:

- ❖ One of the most popular departments in the college
- ❖ Career counselling sessions are organised
- ❖ Cordial student – teacher relation
- ❖ Educational tour and picnics are organised
- ❖ Industrial visit
- ❖ PPT presentation is compulsory
- ❖ Co-curricular activities (eg. Debate, Quiz, poster making, collage, seminar)

WEAKNESS:

- ❖ Economics has mathematical applications so students find it difficult to understand easily
- ❖ Teachers have to put in a lot of effort to maintain the good result of the department

OPPORTUNITY:
- ❖ Economics is a job - oriented subject so students have a wide scope in banking services, office management, railway, income tax, commercial taxes, revenue department, civil services etc.

CHALLENGE:
- ❖ Economics is a very dynamic subject
- ❖ It is a challenge for both the students and the teachers.
- ❖ The teachers must encourage the students and inculcate a spirit of confidence
- ❖ Aim to achieve academic excellence
- ❖ Economic independence and gender equality must be encouraged

FUTURE PLANS:

We plan to undertake minor and major projects.

Department of English

1. Name of the department: English
2. Year of Establishment: 1969-70
3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph. D., Integrated Masters; Integrated Ph. D., etc): UG (2016)
4. Names of Interdisciplinary courses and the departments/ units involved: NA
5. Annual/ Semester/ choice based credit system: Annual
6. Participation of the department in the courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NA
8. Details of course / programmes discontinued (if any) with reasons: NA
9. Number of teaching posts:

	Sanctioned	Filled
Professors		
Associate Professors		
Assistant Professors	03	03

10. Faculty profile with name qualification, designation, specialization (D. Sc/D. Lit/Ph. D/M. Phil etc.):

Name	Qualification	Designation	Specialization	Number of Years of Experience	Number of Ph.d students guided in the last 4 years
Dr. Afrinul Haque Khan	Ph.D	Assistant Professor	Post – colonial Literature	13 years	Nil
Dr. Janet Andrew Shah	Ph.D	Assistant Professor	Linguistics & ELT as a foreign language	6 years	Nil
Ms.Prachi Poli Tigga	MA	Assistant Professor	NA	4 years	Nil

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: NA
13. Student-Teacher Ratio (programme wise): (2015– 2016)

B.A (Hons.)	17:1
B.A I (Subsi.)	20:1
B.A II (Subsi.)	33:1

14. Number of academic support staff (technical) and administrative staff;   NA sanctioned and filled:

15. Qualification of teaching faculty with D. Sc/D. Lit/ Ph. D/M. Phil/PG

Number of Teachers	Qualification				
	D.Sc	D.Lit	Ph.D	M.Phil	PG
			2		1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NA
17. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR etc. and total grants received: NA
18. Research Centre/ facility recognized by the University: NA
19. Publications per faculty:

NAME OF FACULTY	PUBLICATIONS IN JOURNALS/ BOOKS
Dr. Afrinul Haque Khan	V. S. Naipaul and the Tensions of a Diasporic Existence, *Journal of English Studies*, Ed. S. M. P. N. Shahi, Vol. IX, No. 1 2011. ISSN 2230-9802. 120-124. 'Writing Memories, Enacting histories: A Postcolonial Reading of NgugiWaThiongo's A Grain of Wheat', *The Discourse*, Ed. S. C. Gupta and S. M. Y. Ibrahim, Vol.1,Issue 1,April-June 2012,Jamshedpur. ISSN: 2278-0920.43-49 'The Mind and Art of Rabindranath Tagore: A Reappraisal of his Selected Short Stories', *The Discourse*, Ed. S. C. Gupta and S. M. Y. Ibrahim, Vol.1,Issue2,JulySeptember2012,Jamshedpur.ISSN: 2278-0920.09-14 'Memory and Reflection: Tools of Self Recognition in Anita Desai's Clear Light of Day' *Readings*, Vol. X, No.2,October2012.ISSN: 2277-8039.78-85 'Confronting the Problems of Alienation and Identity Crisis: Naipaulian Heroes in The Mystic Masseur, The Mimic men and Half a life.' *The Discourse*, Ed. S. C. Gupta and S. M. Y. Ibrahim, Vol.1,Issue 3,October-December 2012,Jamshedpur.ISSN: 2278-0920.50-59 'Retelling the Truth and Trauma of Partition: Malagoankar's A Bend in the Ganges and Manto's Toba Tek Singh', *The Discourse*, Ed. S. C. Gupta and S. M. Y. Ibrahim, Vol. 2, Issue 1 and 2, Jan-March and April-June 2013, Jamshedpur. ISSN: 2278-0920.57-63 'Things Fall Apart: Analyzing the Postcolonial Situation in A Bend in the River', *The Indo-American Review*, Ed. R. K. Dhawan, and SumanBala, Vol. 18. Delhi. ISSN:0974-0481 Men and their Manners: Kamala Markandaya's Nectar in a sieve and Anita Desai's In Custody, *The Gaze Reverted,* ed. S.M. Yahiya Ibrahim, Adhyayan Publishers & Distributers: New Delhi. 2014. ISBN 978-81-8435-379-6.90-99.

	*From Text to Cinema : Naipaul's Mystic Masseur Faces Camera,*Shri Krishna Rai,AnugaminiRai(Eds.) Literature and Cinema, Lampbert Academic Publishing (Germany). ISBN: 978-3-8484-2603-4;2014 pp-102-118. Gender Inequities and the Search for an Authentic Self in Shashi Deshpande's The Dark Holds No Terrors. *Das Literarisch*, Vol. 1, Issue 1 (July-December 2015). ISSN: 2454-4647. 46-49. English Language Teaching in Jharkhand: Problems and Challenges. *The Journal of English Studies* , Volume X, Issue No. 1, 2015. ISSN 2230-9802. 99-105. Text, Representation and Revision: Re-visioning Partition Violence in Khushwant Singh's Train to Pakistan and Bhisham Sahni's Tamas. *Indialogs*, Vol. 3, 2016. pp. 81-97, ISSN: 2339 -8523. Foregrounding Ecological Concerns: Nature and Environment in T.S.Elliot's Wasteland in Environmental Degradation : Challenges & Remedies ed D.Roy (2016) ISBN 978-93-82847- 80-9
Dr. Janet Andrew Shah	'Language Development through Story Telling', Jamshedpur Research Review, ISSN: 2320-2750, June-August, 2013.151-155. 'Women and the Glass Ceiling', Current Trends Innovation, Challenges &Practices in HRValliamal College, 2013. ISBN: 987-93-81430-927.49-52.

20.   Areas of consultancy and income generated: NA
21.   Faculty as members in
    (a)   National committees (b) International committees (c) Editorial Board.

    Dr. Afrinul Haque Khan
    1)   Member of editorial board of the journal Das Literarisch

    2)   Member of the editorial board of Nirmala College, Newsletter

    Dr. Janet Andrew Shah
    1)   Member of editorial board of Nirmala College, Newsletter

    Ms. Prachi Poli Tigga
    1)   Member of editorial board of Nirmala College, Newsletter

22.   Student Projects
    a) Percentage of students who have done in-house projects including inter departmental / programme: NA
    b) Percentage of students placed for projects in organizations outside the institution   i.e. in Research laboratories / Industry / other agencies: NA
23.   Awards / Recognitions received by faculty and students:

Dr. Afrinul Haque Khan : Best Paper Presenter award for the presentation of paper titled 'From Text to Cinema: Naipaul's Mystic Masseur Faces Camera' in the International Conference on 'Literature to Cinema : Appropriation, Adaptation, Adulteration' organised by Department of Humanities and Social Sciences, National Institute of Technology, Durgapur, West Bengal, India, June 2013.

24.   List of eminent academicians and scientists / visitors to the department: NA
25.   Seminars / Conferences / Workshops organized and the source of funding: NA
26.   Student profile programme/course wise: 2016 – 2017

*M = Male *F = Female

Class	Application Received	Selected	Enrolled	Pass Percentage
B.A.(Hons.) Part 1	50	50	50	-

27.   Diversity of Students:

Name of the course	% of students from same state	% of students from other states	% of students from abroad
BAI(Hons)	97	3	-

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, defense services, etc.?:   NA
29.   Student Progression: NA
30.   Details of infrastructural facilities:
Library: There are 2355 books on language on literature in the main library.
Internet facilities for staff & students: One laptop for students and staff. Wi-Fi enabled campus.
Classrooms with ICT facility: The department has its own audio-visual room fully equipped with speakers, projector, screen, laptop etc.
Laboratories: NA

31.   Number of students receiving financial assistance from college, university, government or other agencies: NA
32.   Details on students enrichment programmes (special lectures/ workshops/ seminar) with external experts: NA
33.   Teaching methods adopted to improve student learning:
   - Lecture method
   - Group discussion method
   - Audio-Visual presentation method
   - Project Assignment method

34.   Participation in Institutional Social responsibility (ISR) and Extension Activities:
Dr. Janet Andrew Shah : Works as program officer for NSS wing of Nirmala College Ranchi.

35.   S W O C analysis of the department and future plans:

Strength
- Dedicated, qualified and committed teachers.
- Teachers well conversant in English & vernacular.
- Remedial classes and tutorials taken regularly.
- Teaching pattern designed to inculcate and nurture the reading, writing, communication skills and also enhancing their literary and critical acumen.
- Multi-disciplinary approach towards teaching and learning of English Literature.

Weakness

- Majority of the students belong to rural background / the under- privileged sections of the society and have minimum exposure to English language.
- Students do not read as much as they should.

Opportunity
- Imparting education to the students coming from socially backward / under-privileged sections of the society.
- Opportunity to provide sound and solid foundation to the first batch of English Honours students.
- The curriculum offers opportunities for research into newer perspectives of literature. Students as well as teachers can benefit from a wider view.

Challenge:
- To encourage students to read and write beyond what is prescribed in their syllabus.

Future plans:
- Installation of a language lab.
- To conduct guest lectures in the department.

Department of Geography

1. Name of the department: Geography
2. Year of establishment: 1969-70
3. Name of Programmes/Courses offered (UG, PG, MPhil, Ph.D, Integrated Masters, Integrated Ph.D): UG, PG
4. Names of Interdisciplinary courses and departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise) : Annual/CBCS(PG)
6. Participation of department in courses offered by other departments: Add On Course in Computer Application, Short term course (DCA) in basic computer learning.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: NA
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	4	4

10. 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 in the last 4 years
Dr. Debjani Roy	M.Sc, Ph.D	Asst. Professor & Head	Cartography	16	03
Dr.(Sr) Jyoti Kispotta	M.A, Ph.D	Asst. Professor & Principal	Urban Geography	10	-
Ms. Jyotsna Roseline Ekka	M.A,MUP(BIT, Mesra)	Asst. Professor	Soil & Agricultural Geography	07	-

Dr. Perveen Zahra	M.A, Ph.D	Asst. Professor	Research Methodology & Dissertation	06	----
Sister Suman Bage	M.A(Pursuing Ph.D)	Adhoc		01	
Dr.Sanwita Shaiwalini	M.A, Ph.D	Adhoc		01	

11.   List of senior visiting faculty: Dr. M.P.Prajapati (Retired Professor, Ranchi University)
12.   Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

MA	17 %
BA (Hons & Subsi)	20 %

13.   Student-Teacher Ratio (programme wise)

BA (Hons)	88:1
BA(Subsi)	35:1
MA	20:1

14.   Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Post	Sanctioned	Filled
Lab Attendant	01	01

15.   Qualification of teaching faculty with D.Sc/D.Litt/Ph.D/M.Phil/P.G

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	P.G
No of Faculty			04		02

16.   Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17.   Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received

Funding Agency	Name& Date of seminar	Grant received
UGC	1) National Seminar on "Development and Locational Conflict" Dec 1st -2nd 2013 2) National Seminar on "Environmental Degradation- Challenges and Remedies" Nov 5th -6th 2015	Rs.1,00,000 Rs. 1,50,000
ICSSR	1) National Seminar on "Development and Locational Conflict" Dec 1st -2nd 2013 2) National Seminar on "Environmental Degradation- Challenges and Remedies" Nov 5th -6th 2015	Rs.1,25,000 Rs. 1,00,000

18.   Research centre/facility recognized by the University :   NA

19.   Publications:

Name of faculty	Publications in books/journals
Dr. Debjani Roy	1. *Trends of urbanization in West Bengal*, published by Geographical Review of India, Vol 60,No.4,1999 2. *Urban planning and ecological balance ;a case study of Ranchi* published by Rawat publication in Kalpana Markandey et al. (ed.)Urban Environment and Geoinformatics,2009 *pp 101-116* (ISBN 81-316-0256-7) 3. *Problems of Nationalism in Assam-A Demographic Outlook* in Historical Outlook, 2009 4. *Socio economic status of scheduled tribes in Jharkhand* in Indian Journal of Spatial Science, Vol.3 No.2, 2012 (ISSN 2249-3921 e ISSN 2249-4316) 5. *Creating leaders through quality management* in Ancy Jose(ed) Educational techniques- teaching, learning and quality enhancement,2012, ISBN-978-81-924836-0-3, Khandwala Publishing House, Mumbai 6. *Urbanization in Jharkhand and its Impact* published by Concept Publishing House in Kalpana Markandey et.al (ed) Challenges of Urbanisation in the 21st Century Vol 4 Urbanization and Urban Growth,2013 *pp251-261*(ISBN-1397-81-8069-951-1) 7. *Spatio Temporal Characteristics of urbanization in Jharkhand, pp31-41* in Anuradha Banerjee (ed Contemporary Urbanization in India-Issues and challenges 2013,ISBN-13;978-81-8069-954-2, Concept Publication ,New Delhi 8. *Water resource management in Jharkhand* published by Progressive Publishers in N.C.Jana (et.al)(ed) Resources and Development-Issues and Concerns, 2013 *pp78-89* 9. *Environmental Impacts of coal mining in Jharkhand* in *Avartan (Quarterly bilingual journal)ISSN:2320-3544, 2013*

	10. *Sustainable development of steel industry in India* in Indian Journal of Spatial Science, Vol.4 No.2, 2013 (ISSN 2249-3921 e ISSN 2249-4316) 11. Population Geography (Authored), 2015, ISBN 978-93-84294-62-5, Books and Allied , Kolkata 12. Development and Conflict.(Edited) ,2015, ISBN978-93-80036-75-5, Mitram Publishers, Kolkata 13. *Glass Ceiling in India-Myth or Reality*,pp112-118 in Ancy Jose (ed) Gender diversity and development, 2016, ISBN 978-81-924836-4-1, Khandwala Publishing House, Mumbai
Dr.Sr.Jyoti Kispotta	1. *Need of developing Agrobased Industries in Kanke Deveopment Block*, Geographical Outlook, VolXXII,2006,pp 36-41 2. *The Bhera sub watershed: Techniques of water conservation for agricultural and industrial uses*, Journal of Social Science and Humanities, Ranchi University, Vol 3, NCo.1, June 2006, pp 69-71.
Jyotsna R.Ekka	*1."Declining Ecosystem Services Due To Urbanization And Mismanagement"* International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No.35 2015 pg.No. 27422 to 27441 2. *"Generating livelihood through forests- A case study of Jharcraft"* Konkan Geographers Association Interdisciplinary National Level Research Journal. Volume 13, Nov-Dec 2015 ISSN 2277-4858 pg. no 15-24.
Perween Zahra	1. *"Ecological Crisis; Underground Water Resource Depletion in Ranchi."* Konkan Geographers Association Interdisciplinary National Level Research Journal. Volume 13, Nov-Dec 2015 ISSN 2277-4858 pg. no 10-14. 2.*"Declining Ecosystem Services Due To Urbanization And Mismanagement"* International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No.35 2015 pg.No. 27422 to 27441.

20.   Areas of consultancy and income generated: NA
21.   Faculty members as in : National Committees, International Committee, Editorial Board

Dr. Debjani Roy	1. Life member of National Association of Geographers, NAGI: (LM2006) 2. Executive Committee Member of Indian Cartographers Association (LM 2733) 3. Member of editorial board- Konkan Geographers Association Interdisciplinary National Level Research Journal 4. Member of Board of Studies for framing syllabus for Undergraduate Geography studies of Ranchi University.

Dr.Sr.Jyoti Kispotta	1. Member of Expert Committee for revision of pattern of Combined Civil Services Exam, JPSC (Letter no.2/Pari-JPSC-1372011-930 2. Vice President Xavier Board of Higher Education-North and North East Region. 3. Member of Academic Council, Ranchi University. 4. Member of NAAC Steering Committee.

22. Student projects:
   a) Percentage of students who have done in house projects including inter departmental programme:
   All BA Part III students complete in house projects as part fulfillment of their curriculum. Students with Add-on Computer Application have done in house projects.
   b) Percentage of students placed for projects in organizations outside the institution i.e in research laboratories/ Industry/ other agencies : NA
23. Awards/ Recognitions received by faculty and students
   "K.N.Roy Memorial Award 2015" an award consisting of cash prize, shield and certificate for being the Best All Rounder *to* Jiji George, B.AIII (*The award is sponsored by Dr.Debjani Roy, Head Department of Geography*)
24. List of eminent academicians and scientist/Visitors to the department.

Year	Eminent personalities
2002	Prof. L LRN Shahdeo, Vice Chancellor, Ranchi University
2010	Dr.Ram Kumar Tiwari, Renowned author & Univ.Professor
2011	Dr.Nitish Priyadarshi, Eminent Geologist
2012	Dr.Kirti Avishek, Eminent Environmentalist
2013	Prof.Sudeepta Adhikari, (Former Vice Chancellor, Patna University), Prof.R.B.PSingh, Vice Chancellor, Nalanda Open University, Prof. Anuradha Banerjee, CSRD,JNU New Delhi, Prof N.C.Jana Barddhaman University at National Conference on *Development and Locational Conflict, Dec 1st -2nd 2013*
2014	Dr. Abdul Wadood, Renowned Agricultural Scientist
2014	Prof. Ramesh Sharan, Head, Dept of Economics, Ranchi University, Ranchi Prof. Ram Kumar Tiwari, Head, Dept of Geography, Ranchi University, Ranchi
2015	Prof.O.R.S.Rao, Vice Chancellor, ICFAI University, Ranchi
2015	Dr.Vijay Baraik, Dept.of GIS & Remaote Sensing, IGNOU, New Delhi
2015	Prof.L.N.Ram, (Former Vice Chancellor Patna University), Prof.Ravi.S.Singh, Benaras Hindu University, Prof. Hemant Pednekar (Mumbai University) at National Conference on *Environmental Degradation-Challenges and Remedies Nov 5th-6th 2015*
2016	Prof.S.R.Shaque, XISS, Ranchi

25. Seminars/Conference/Workshops organised and source of funding:
   1. National Seminar on "Development and Locational Conflict" sponsored by ICSSR, New Delhi and UGC organized between 1st-2nd December, 2013.
   2. Students Workshop on "Cartographic Techniques& Their application" to celebrate National Cartography Day on 24th Match 2014, partly sponsored by INCA, Jharkhand Chapter
   3. National Seminar on "Environmental Degradation- Challenges and remedies" sponsored by ICSSR, New Delhi and UGC organized between 5th-6th November, 2015.
26. Student profile programme/course wise: 2015-16

Name of the course/programme	Applications received	Selected	Enrolled	Pass Percentage
BAI(Hons)	190	111	109	85.5
BAII(Hons)	NA	97**	98*	98
BAIII(Hons)	NA	107**	107*	99

*Those who have passed previous exam (Class roll) ** Those who have filled up examination form

27. Diversity of students

Name of the course	% of students from same state	% of students from other states	% of students from abroad
BAI(Hons)	95	5	--
BAII(Hons)	96	4	--
BAIII(Hons)	98	2	--

28. How many students have cleared national and state competitive examinations such as NET,SLET,GATE,Civil services, Defense Services etc?
   One (Assam Rifles) Suchita Tigga (BAIII-2014 batch)

29. Student Progression

Student Progression	Against % enrolled
UG to PG	50% of the students

30. Details of infrastructural facilities:
   I. Library: There are more than 1600 books on Geography in the Central library of the College. Besides this the Department Library has more than 100 books kept in steel almirahs in the Geography Lab.

II.   Internet facilities for staff and students: The College is connected through WiFi. There is a desktop as well as laptop in the Department. Students and staff can access the internet easily.

III.   Classrooms with ICT Facility: The lab has the following resources
OHP (Over head Projector)-one, LCD Projector-one, Screen-one, Blackboard-one
Software available- Arc view for study in Satellite Imageries
Instruments available- Planetable and accessories, Prismatic Compass and accessories, Dumpy Level and accessories, Theodolite and accessories, Clinometer, Survey of India Toposheets, Hard copies of Satellite imageries, Aerial Photos and Stereosope.

31.   Number of students receiving financial assistance from college, university, Government or other agencies.

Course	College	University	Govt/other agency
BAI	01		
BAII	01		
BAIII	04		

All ST/SC students receive stipend from the Government of Jharkhand

32.   Details of student enrichment programme (special lectures/ workshops/Seminar) with external experts:

Date	Category	Expert	Topic	Students benefitted
7.5.13	Foundation Day Lecture of AGBJ	Prof.R.B.P.Singh (Patna University)	Locational conflicts and their significance	BAII
1.12.13- 2.12.13	National Seminar	Prof.Anuradha Banerjee (JNU) Prof. N.C. Jana (Barddhaman Univ)	Migration and Conflicts Interregional conflict	BAIII BAIII
27.1.14	Annual Day Celebrations	Prof A. Wadood (Birsa Agricultural University)	Monsoon and rainfall distribution	BAI,II,III
24.3.14	National Cartography Day	Prof.A.Sarkar	Netaji Subhas Open University, Kolkata	BAI,II

33.   Teaching methods adopted to improve student learning.
a)   Use of audio visual aid- power point presentation, slide shows

b) Regular tutorials, quizzes and goup discussion.
c) "Each one teach one" –an innovative method of horizontal dissemination of knowledge.
d) Assignments given to students individually or in groups followed by power point presentation on any topic pertaining to the syllabus.

34. Participation in Institutional Social Responsibility and extension activities
Dr. Debjani Roy,
- o Head of the Department for PG and UG studies in Geography,
- o Coordinator for Vocational Add-on Courses Computer Science (Certificate, Diploma, Advanced Diploma).
- o RUSA Institutional Nodal Officer
- o Coordinator for Centralised Evaluation for Undergraduate Examination of Ranchi University (Nirmala Centre).
- o NAAC Co-ordinator.
- o CPE Co-ordinator.
- o Visiting faculty at the Administrative Training Institute for training of State Civil Servants, Ranchi.

35. SWOC analysis of the department Future Plan:
S-Strength
- Well equipped modern laboratory and well stocked Departmental Library.
- Highly qualified and dedicated faculty to give full support to students.
- Educating the girls of backward section of the society and training them to face challenges through annual educational tours.
- Exceptional results in degree exams conducted by Ranchi University.

W- Weakness
- Fairly large class with a poor student teacher ratio.
- Overcrowding in practical classes.

O- Opportunity
- Educating the girls of backward section of the society. (many are first generation learners).
- Instilling confidence and grooming students to prepare & present technical papers annually.

C- Challenges
- To sustain and ensure quality in PG classes.
- To start vocational classes for Remote Sensing and GIS.
- To empower students with knowledge and skill.

Future Plans:
- Conducting state/ national level workshops seminars for students more frequently.
- Hold regular career counselling sessions with students of BAIII.
- Creating a greener environment within the campus with the help of departmental club "Galaxy".

Department of Hindi

1. Name of the department: Hindi
2. Year of establishment: 1969-70 (Honours)
3. Name of Programmes/Courses offered (UG, PG, MPhil, Ph.D, Integrated Masters, Integrated Ph.D): UG, PG
4. Names of Interdisciplinary courses and departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise) : Annual/CBCS (P.G.)
6. Participation of department in courses offered by other departments: Add-on.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: NA
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	5	5

10. 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 in the last 4years
Dr. Renu Sinha	M. A. Ph.D	Asst. Professor & Head	Kabir	16	02
Ms.Shobha Tirkey	M.A,	Asst. Professor	Vishisht Vidha Evam Rachnakar	06	-
Sr.Shobha Beck	M.A	Asst. Professor	Vishist Vidha Evam Rachnakar	08	-
Dr.Rajni Sangeeta Kiro	M.A, Ph.D	Asst. Professor	Prayojanmulak Hindi	10	-

Mrs. Kanak Lata Riddhi	M.A	Asst. Professor	Tulsidas	02	-
Dr.Suchinta Kumari	M.A.Ph.D	Asst. Professor	Vishist vidha evam rachnakar	01	

11.   List of senior visiting faculty: Prof J.B.Pandey, Head.P.G Deptt of Hindi Ranchi Univ.Ranchi Prof.Kamal Kumar Bose, St Xaviers College, Ranchi

12.   Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA

13.   Student-Teacher Ratio (programme wise)

BA (Hons)	57:1
BA(Subsi)	29:1
BA&BSC(MIL &Non Hin)	289:1

14.   Number of academic support staff (technical) and administrative staff: sanctioned and   filled: NA

15.   Qualification of teaching faculty with D.Sc/D.Litt/Ph.D/M.Phil/P.G

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	P.G
No of Faculty			02		03

16.   Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NA

17.   Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received: NA

18.   Research centre/facility recognized by the University :   NA

19.   Publications: Dr.Renu Sinha
    1. Aaj Ki Nari Kitni Sshakt"- Drishtipat-ISSN No2231-3079April 2013
    2. "Yuva Varg:Dasha Evam disha"- Drishtipat-2231-3079 May13
    3. "Vartman Paridrishya me Kabir"- Jagmag Deep Jyoti Feb-March 2012, 2278-7623.
    4. "Na Jane Kahan hum kho Chuke Hayn-'- Jagmag Deep Jyoti-   April 2012, 2278-7623.
    5. "Nari……"- Jagmag Deep Jyoti-Jan 2013, 2278-7623
    6. 'Vishwa Kavi Ravindarnath Tagor'- Jagmag Deep Jyoti-July 20 2013, 2278-7623
    7. "Hindi…." Jagmag Deep Jyoti Dec 2013-2014, 2278-7623
    8. Vasantkotsav:ek aolokan- March 2014 Jagmag Deep Jyoti 2278-7623.
    9. "Bhgwan Mahavir: Vartman Paridrishya me"- Jagmag Deep Jyoti 2278-7623, April 2014
    10. "Vartman Ka Prahari Bhavishya Ka Nirmata:yuva Shakti-agmag Deep Jyoti-2278-6723,may-June 2014

11. ''21'vin Sadi Ka Sarphun mayn" Surbhi Samgra April 2012.
12. "Premchand Ki Kahaniyon me Madhyavarg Jan 2015 ""01 ISSN No.2278-7623- Deep Jyoti."

Mrs. Shobha Tirkey
1. Vibhaashaa sanariti-ISSNNo.2394-697.April –Spet.2015 Vradhavastha Upekshit Nhi Apekshit.
2. Anvart-ISSN 2348-3393Augest-2015 Mohan Rakesh ki Khaniyon me Nari-Charitr.
3. Pragati-vartaISSN 2229-5062Spet. 2015 Mohan Rakesh ki Khaniyon me Kamkaji Nariyan.

20. Areas of consultancy and income generated: NA
21. Faculty members as in: National Committees, International Committee, Editorial Board: NA
22. Student projects:
    a) Percentage of students who have done in house projects including inter departmental programme: Students with Add-on Computer Application have done in house projects.
    b) Percentage of students placed for projects in organizations outside the institution i.e in research laboratories/ Industry/ other agencies : NA
23. Awards/ Recognitions received by faculty and students: NA
24. List of eminent academicians and scientist/Visitors to the department:-

Year	Eminent personalities
2009	1. Dr.Shelesh Pandit –Director Doordarshan 2. Dr. Ashok Priyadarshi- Retd. Prof. R.U. (Department of Hindi) 3. Dr. Maya Prashad-Prof. R.U. Department Of Hindi 4. Kumar Vijendra- Sahityakar 5. Dr.Abha Rani–H.O.D. Department Of Hindi-S.S.Memorial College Ranchi
2011	1. Mahua Maji –Eminent Author & President of Women Commission Jharkhand.
2013	1. Dr.J.B.Pandey-College Inspector (Arts) R.U.& Prof Hindi Department R.U.
2015	1. Dr.Ashok Priyadarshi- Retd. Prof. R.U. (Department of Hindi)
2016	1. Dr.K.K.BoseH.O.Dept.of Hindi St. Xavier College Ranchi
2016	a. Dr. Neera Parmar Rtd. Prof. H.O.D. Nirmala College and Sahatiyakar

25. Seminars/Conference/Workshops organized and source of funding: NA
26. Student profile programme/course wise: 2015-16

Name of the course/ programme	Applications received	Selected	Enrolled	Pass Percentage
BAI (Hons)	99	89	83	80.7%
BAII (Hons)	NA	100	81	98%
BAIII (Hons)	NA	101	74	95.5%

27. Diversity of students

Name of the course	% of students from same state	% of students from other states	% of students from abroad
BAI(Hons)	66	1	--
BAII(Hons)	72	3	--
BAIII(Hons)	77	1	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, defense Services etc?   NA

29. Student Progression

Student Progression	Against % enrolled
UG to PG	30% of the students

30. Details of infrastructural facilities:
    I. Library: The Department has 2230 books of language and literature.
    II. Internet facilities for Staff& Student:-The College is connected through wi-fi.
    III. Classrooms with ICT Facility : OHP (Over head Projector)- one
        LCD Projector- one, Screen- one, Blackboard- one Software available

31. Number of students receiving financial assistance from college, university, Government or other agencies.

Course	College	University	Govt/other agency
BAI			
BAII	1		
BAIII	3		

All ST/SC students receive stipend from the Government of Jharkhand

32. Details of student enrichment programme (special lectures/ workshops/ Seminar) with external experts:

Date	Category	Expert	Topic	Students benefitted
27.9.13	Hindi Diwas	1. Dr.J.B.Pandey College Inspector R.U& Prof. Hindi Department R.U. 2. Dr. Neera Parmar Rtd. Prof. Nirmala	Hindi ke prati samrpit hone se hi viks sambho.	B.A.I II III

		College		
23.9.15	Hindi Diwas	1. Dr. AshokPriyadarshiRt. Prof.R.U Hindi Dept.	Hindi Ke Mahata	B.A.I II III
03.02.16	WorkShop	Dr.K.K.BoseH.O.Dept.of Hindi St. Xavier College Ranchi	Hindi Vasha ka vauishya aor pryojaneyata	B.A.I II III
27.9.16	Hindi Diwas	Dr. Neera Parmar Rtd. Prof. Nirmala College and Sahatiyakar.	Hindi ke prati samrpit .	B.A I II III P.G I

33. Teaching methods adopted to improve student learning.
   a. Tutorial classes are regularly taken to address the problems of the weaker students.
   b. Remedial classes are taken for S.T, S.C.&OBC student as per U.G.C. requirements/norms.
   c. Class tests are taken frequently.

34. Participation in Institutional Social Responsibility and extension activities: NA
35. SWOC analysis of the department Future Plan:

Strength
- Capable and dedicated faculty.
- Good number of motivated students.
- Interest of majority of students towards language as well as literature.

Weakness
- Language related knowledge is very poor.

Opportunities
- Students are encouraged to take Hindi literature as a career oriented course.
- Teachers motivate students through debates, discussions, seminars and other events.
- To use Hindi language for social causes.

Challenges
- Students use of vocabulary is very basic and the level has to be raised.
- Language structure is incorrect and has to be improved.

Future Plans:-
Special Classes will be organized with the specialists of the language to motivate and provide diverse types of knowledge related to Hindi literature.

Department of History

1. Name of the department - History
2. Year of Establishment - 1969-70
3. Names of Programmes/Courses offered (UG, PG, M. Phil, Ph.D., Integrated Masters; Integrated Ph. D; etc.) – UG & PG
4. Names of Interdisciplinary courses and the departments / units involved – NA
5. Annual / Semester /choice based credit system (programme wise) – Annual/CBCS (P.G.)
6. Participation of the department in the courses offered by other departments – Add On Course in Computer Application
7. Courses in collaboration with other universities, industries, foreign institutions, etc. – NA
8. Details of courses/programmes discontinued (if any) with reasons
9. Number of teaching posts

	Sanctioned	**Filled**
Professors		
Associate Professors		
Asst. Professors	4	4

10. 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. Anjana Singh	M.A, Ph. D	Assistant Professor	Modern	12	
Dr. Anita Shukla	M.A, Ph. D	Assistant Professor	Ancient	11	
Ms. Hansa Dass	M.A	Assistant Professor	Medieval	07	
Mrs. Ayesha Ahmad	M.A	Assistant Professor	Medieval	06	
Dr.Rupam Kumari	MA PhD	Assistant Professor	Ancient Indian History	01	

Anju Oseema Maria Toppo	MA	Assistant Professor	Applied History	01	

11. List of senior visiting faculty - NA
12. Percentage of lectures delivered and practical classes handled [programme wise] by temporary faculty – NA
13. Student – Teacher Ratio [programme wise] – (2016 -2017)

B. A. (Hons.)	44:1
B.A. (Subsi.)	117:1

14. Number of academic support staff [technical] and administrative staff; sanctioned and filled – NA
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	PG
No of Faculty			02		02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- NA
17. Departmental projects funded by DST – FIST; UGC; DBT; ICSSR, etc. and total grants received –

Name of faculty	Name of project	Date of submission	Amount sanctioned
Dr. Anita Shukla	"Social and Economic Condition of the Tribal Women of Jharkhand (15th century to 20th century)".PHJ-018/10-11(ERO)	30.06.12	Rs.96,000/-

18. Research Centre/ facility recognized by the University- NA
19. Publications :

Name of the faculty	Publication
Dr. Anjana Singh	1. "Economic and Religious Background of the Uprising of 1857", published in the *Journal of Historical Research*, vols. 49-50, 2007-08, pp.185-188, ISSN NO. 0022-1562. 2. "Situating the Bhojpuri Movement in Bihar", published in the *Journal of Historical Research*, Vols. 47-48, ISSN No. 0022-

		1562.
		3. "Pains of the Tribals of Jharkhand in the Alternative Sources of Nineteenth Century", *Indian History Congress Proceedings*, 72nd Session, Patiala, Delhi, 2012, pp. 753-758
Dr. Anita Shukla		1. "The social position and rights of Ganikas in ancient India"in Sriranganatharih:Gems of Law and Dharmasastra;(Ed)Dr.Kulsheshtha A.,ISBN No 81-7453-213-7, Sanjay Prakashan, Daryaganj, Delhi, 2006 ed pp-245-251.
		2. "Environmental consciousness among ancient Indians (upto 1st Century AD) published in the *Journal of Historical Research,* Vols. XLIV, 26 Jan 2004, Ranchi, pp. 109-118.
Ms. Hansa Dass		1. "Ganga in the Legends and Culture of Bihar" in Mamta Singh eds., *Bhartiya Sanskriti kI Aviral Dhara: Sri Ganga*, New Delhi, Satyam Publishing House, 2013, pp. 144-152, ISBN no. 978-93-81632-58-1.
		2. "Sufi Women Organisation : A Sufi Agency for Women Empowerment in the Twenty- First Century", *Himalayan Review Journal*, Winsar Publishing Co., Dehradun, Uttarakhand, ISSN No.- 2348 – 4942, Vol. II ,October 2014, pp. 64-68.
Mrs. Ayesha Ahmad		1. "Pollution : Steps Taken For Environment Friendly Mining of Coal", *Anusandhanika,* Vol. X, No.II, July 2012, ISSN No. 0974-200X., Ranchi, pp 85-90
		2. "Jharia Coalfield Fire: Impact and Fire Control Efforts", *Anusandhanika,* Vol. XIII, No.I, January 2015, ISSN No. 0974-200X., Ranchi, pp 80-84

20. Areas of consultancy and income generated –   NA
21. Faculty as members in
    a) National Committees   b) International Committees
    c) Editorial Boards -   NA
22. Student Projects
    a) Percentage of students who have done in – house projects including inter departmental/ programme -   NA
       Students with Add-on Computer Application have done in house projects.
    b) Percentage of students placed for projects in organizations outside the institution ie. in Research Laboratories/ Industry/ other agencies -   NA
23. Awards/ Recognitions received by faculty and students-   NA
24. List of eminent academicians and scientists/ visitors to the department
    a. Dr. P.K Dutt, Retd. Professor, PG Department of History, Patna University, Patna.2009
    b. Dr. I.K Chaudhary, Professor, PG Department of History, Ranchi University, Ranchi.2010 &2012.
    c. Dr. Sudha Sinha, Associate Professor, Ranchi College, Ranchi.2011
    d. Dr. A.K Chattoraj, Associate Professor, Ranchi College, Ranchi.2013
    e. Dr. Meena K. Soren, Associate Professor, Ranchi Women's College, Ranchi.2014
    f. Dr. Sudarshan Singh, Associate Professor, YSM College, Ranchi, 2015.

g. Dr. D.K Sharan, Associate Professor, PG Department of History, Ranchi University, Ranchi, 2016
h. Dr. Ghan Shyam Singh, Joint Director, Extension Tassar Research Institute, Lohardagga, 12 Sept. 2015.
i. Mr. Z.M.S. Khan, Scientist – D, Tassar Research Institute, Ranchi, 12 Sept. 2015.
j. By Pramod Kumar, Course Coordinator, Deepshikha, Institute for Child Development and Mental Health, Ranchi, 2015.

25.   Seminars/ Conferences/ Workshops organized and the source of funding
       a) National   b) International -   NA
26.   Student profile programme/ course wise: 2015-2016

Name of the Course/Programme	Applications received	Selected	Enrolled	Pass Percentage
BA I	112	101	72	61.1
BA II	NA	92	67	89
BA III	NA	103	96	81.5%

27.   Diversity of Students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
B.A. (Hons.)	98 %	2%	NA

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc.?
       One (Archana Kumari Banking Services of 2013 batch)
29.   Student progression

Student Progression	Against % enrolled
UG to PG	40% of the students

30.   Details of Infrastructural facilities
       a)   Library – 2595 books(in Central Library)
       b)   Internet facilities for staff & students - Available
       c)   Class Rooms with ICT facility -   Yes
       d)   Laboratories -   NA
31.   Number of students receiving financial assistance from college, university, government or other agencies

All ST/SC students receive stipend from the Government of Jharkhand

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts.

Year	Student benefitted	Resource Person	Topic
2009 -10 (20.02.2010)	BA-III	Dr. Ratna Bannerji (ex-HOD, History Deptt., Nirmala College) delivered a special lecture	Revolutions which Changed the World History
2010-11	BA-III	Dr. Sudha Sinha (Associate Professor, Ranchi College R.U.) delivered a special lecture	Lesser known Freedom Fighters of India.
2011-12 (03.02.2012)	B.A-III	Prof. I.K Choudhary (HOD, PG Deptt. Of History, RU) was the judge and delivered a lecture on the topic.	Indo- Islamic Culture
2012-13 (31.01.2013)	B.A-III	Dr. A.K Chattoraj (HOD, History, Ranchi College) was the judge and he delivered a special lecture on the topic.	Revolutionaries of India
2013-14 (11.02.2014)	B.A-III	Dr. Meena K. Soren (Associate Professor, Ranchi Women's College)	Socio-Religious Reform Movements of Nineteenth Century
2014-15	B.A III	Dr. Sudarshan Singh, Associate Professor, YSM College, Ranchi	Integration of Princely States in Independent India
2015-16	B.A III	Dr. D. K Sharan, Associate Professor, PG Department of History, RU, Ranchi	UNO and its relevance in contemporary world

33. Teaching methods adopted to improve student learning Power point presentations, annual trip to historical places near Ranchi, projects for students, interactive learning, presentations and group discussion.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Students join NSS, play Nukkad nataks and actively participate in all cultural activities.
35. SWOC analysis of the department and future plans
Strength
- We cater to large number of students from diverse economic and social background.
Weakness
- As students come from poor economic background, they find it difficult to purchase books and respond positively to ICT technique.

Opportunity

- We can prepare the students for graduate level competitive exams, through our subject in a better way.

Challenges

- To motivate our students to readily accept ICT techniques and develop more interest in the subject.

Future Plans

- Organising interdisciplinary National/International Seminars funded by UGC/Other funding agencies.

Department of Home Science

1. Name of the Department: Home Science
2. Year of Establishment: 1969-70
3. Name of Programs/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc): UG
4. Names of Interdisciplinary courses and the departments/units involved :   NA
5. Annual/semester/choice based credit system (program wise): Annual
6. Participation of the Department in the courses offered by otherdepartments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, Etc.:   NA
8. Details of courses/programs discontinued (if any) with reasons: NA
9. Number of teaching posts

	Sanctioned	**Filled**
Professors		
Associate Professors		
Asst.Professors	01	01

10. 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
Mrs. Meena Vohora	M. Sc. (Home Sci.).	Assistant Professor	Food & Nutrition	40	Nil

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (program wise):
    By temporary faculty: NA

13. Student teacher ratio (program wise): (2015 – 2016)

S.NO.	CLASS	RATIO
1.	B.A. Part-I	45:1
2.	B.A. Part-II	21:1

14. Number of academic support staff (technical) and administrative staff; Sanctioned and filled: Filled- 01 (Lab technician)
15. Qualifications of teaching faculty with DSc/D.Litt./Ph.D./MPhil/PG: PG

	Qualification				
	D.Sc.	**D.Lit**	**Ph.D.**	**M.Phil**	**PG**
No. of faculty					01

16. Number of faculty with ongoing projects from a) National b) International funding Agencies and grants received: NA
17. Departmental projects funded by DST-FISt, UGC,DBT,ICSSR,etc. and total grants received: NA
18. Research Centre/facility recognized by the University: NA
19. Publications: Published in journal
    i). Effect of varying proportion of the sugar to juice in jelly making. *Journal for Social Development, Ranchi.* Vol.No.2 (2) 2010:pp 38-47. ISSN No. – 0975 – 0142.
    ii). Contribution of the family inPersonality development of the child. *Journal for Social Development, Ranchi.*Vol.No.2 (3) 2010:pp 53 – 59.. ISSN No. – 0975 – 0142.
    iii). Habit Formation during childhood years.(In process).

20. Areas of consultancy and income generated: NA
21. Faculty as members in
    A) National committees   B) International committees
    C) Editorial Boards: NA
22. Student Projects
    a) Percentage of students who have done in-house projects including inter departmental /program. Every year students prepare various projects on the basis of their Syllabus.
    b) Percentage of students placed for projects in organizations outside the institution - NA
23. Awards / Recognitions received by faculty and students - NA
24. List of eminent academicians and scientists /visitors to the department: NA
25. Seminars/Conferences/Workshops organized & the source of funding: NA
26. Student Profile Program/course wise: NA
27. Diversity of Students - NA
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc? NA

29. Student Progression : NA

30. Details of Infrastructural facilities
    a) Library; College Library has 605 of books for the reference of the students of the department
    b) Internet facilities for Staff & Students; recently connected with internet.
    c) Class rooms with ICT facility: NA
    d) Laboratories: Well equipped laboratory with all required materials for regular practical classes for cooking and stitching.

31. Number of Students receiving financial assistance from college, university, government or other agencies.   NA
32. Details of student enrichment program (special lectures/ workshops/ seminar) With external experts: NA
33. Teaching methods adopted to improve student learning: Counselling, delivering special lectures, Interaction with the student individually/Practical demonstration.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NA
35. SWOC analysis of the department and Future plans

Strength
- All round development of students to empower them for the future.

Weakness
- Lack awareness about the subject & its utility for future planning of career

Opportunity
- Tribal girls and economically challenged students are benefitted.

Challenges
- To empower girls and make them economically independent.

Future Plan
- To start Honours Course and organize Seminars and workshops.

Department of Philosophy

1. Name of the Department :   Philosophy
2. Year of Establishment   :   1969-70
3. Names of Programmes / Courses offered (UG, PG, M. Phil, Ph.D., Integrated Masters, Integrated Ph. D., etc) : UG
4. Names of interdisciplinary courses and the department / units involved :   NA
5. Annual / Semester / Choice based credit system (Programme wise) : Annual
6. Participation of the Department in the courses offered by other departments :   NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :   NA
8. Details of courses / programmes discontinued (if any) with reasons :   NA
9. Number of teaching posts.

	Sanctioned	**Filled**
Professors		
Associate Professors		
Asst. Professors	02	02

10. Faculty profile with name, qualification, designation, Specialization (D.Sc/D.Litt/Ph.D/M.Phil. etc.) Ph-D

Name	Qualification	Designation	Specialization	No of Years of Experience	No. of Ph.D Students guided for the last 4 years
Dr. Ranju Kumari	M.A, Ph.D	Asst. Professor and H.O.D	Indian Philosophy	12 Years	01
Dr. Sony Perwin	M.A Ph.D	Asst. Professor	Philosophical Classics	08 Years	01

11. List of senior visiting faculty :   NA
12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty. :   NA
13. Student – Teacher Ratio (Programe wise) :

B.A – I (Subsi)	25:1
B.A – II (Subsi)	18:1

14. Number of academic support staff (Technical) and Administrative staff, sanctioned and filled :   NA.

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil. PG. :

	Qualification				
	D.Sc	**D.Litt**	**Ph.D**	**M.Phil**	**PG**
No of Faculty			02		

16. Number of faculty with ongoing projects form a) National b) International funding agencies and grants received. :   NA
17. Departmental projects funded by DST- FIST, UGC, DBT, ICSSR, etc and total grants received :   NA
18. Research Centre / facility recognized by the University :   NA
19. Publications :

Name of faculty	Publication
Dr. Ranju Kumari	a) One Chapter in Encyclopedia of Philosophy - Vol. 2, 2010 Editor in chief – Johnson J Puthenpurackal, Asian Trading Corporation, Balglore (India). b) One Chapter in Dimensions of Philosophy - Vol. 1, 2012 Editor – Dr. Ramesh Chandra Sinha, Dr. Jatashankar, Dr. Ambika Dutt Sharma. ISBN – 81-8315-179-5 c) One book under publication, Sindhu publication,Ranchi, Jharkhand.
Dr. Sony Perwin	a) Samaj, Dharma Evam Darshan Chief Editor: Prof. Dr. Jata Shankar, Sri Bhuvneshwari Vidya Prathisthan, Traimashik, Allahabad. ISSN-0974-9764. b) Pariprekshya, Vol- 2, March, 2012 Chief Editor : Dr. Pramod Kumar Singh, Manvi Seva Samiti, Varanasi,ISSN-2278-0602.

20. Areas of consultancy and income generated :   NA
21. Faculty as members in :
    Dr. Ranju Kumari : Life Member of Akhil Bhartiya Darshan Parishad (ABDP)
    Dr. Soni Perwin : Life Member of Akhil Bhartiya Darshan Parishad (ABDP)
22. Students Projects :
    a) Percentage of students who have done in – house projects including inter departmental /programme :   NA
    b) Percentage of students placed for projects in organizations outside the institution i.e, in Research laboratories / Industry/other agencies :   NA
23. Awards/Recognitions received by faculty and students - Dr. Ranju Kumari- award for best paper presentation in 2004, H.N.B University, Garhwal (Uttrakhand). By ABDP.
24. List of eminent academicians and scientists / visitors of the department :   NA
25. Seminars/ Conferences / Workshops organized & the source of funding :   NA
    a) National
    b) International
26. Student profile programme/ courses wise : Data not available
27. Diversity of Students : Data not available

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, defense Service, etc. :   NA
29. Student Progression :   NA
30. Details of Infrastructural facilities
   a) Library : There are 720 books on philosophy in the central library of the college.
   b) Internet facilities for Staff & Students : Entire college connected through Wi-Fi
   c) Class rooms with ICT facility : One Laptop, One projector and one screen.
   d) Laboratories :   NA
31. Number of students receiving financial assistance from college, university, government or other agencies :   NA
32. Details on student enrichment programmes (Special lectures/ workshops/seminar) with external experts

Year	Activity	Topic
2011	Debate Competition	Naitik Shikksha Ke Dwara Badhte Apradh ko roka ja sakta hai.
2011	Lecture by Prof. Dr. Debasish Guha, Professor, Department of Philosophy, University of Allahabad.	Values of Ethics
2011	Establishment of Philosophy Association - "Jyotirmarg" (Path of Light) by late Dr. Sister Priscilla (Principal), Dr. Sister Jyoti (Vice-Principal), Prof. Dr. Debasish Guha, (chief guest) Dr. Ranju Kumari (H.O.D) & Sony Perwin (Asst. Professor)	Jyotimarg (ज्योतिर्मार्ग)
2014	Educational Trip with teachers and students (B.A.- I & B.A. – II) of Philosophy	Study of applied ethics and environmental ethics in our daily life. The preaching delivered by Swami Pranavanandji about moral life, many questions were asked by students about mediation & inner growth.
2014	1-Essay writing competition 2-quiz competition	Crime Free Indian Society
2015	Essay writing competition	Social significance of death penalty (मृत्युदंड का सामाजिक औचित्य)
2016	Debate competition	Karma is the key to success (कर्म ही सफलता की कुन्जी है)

33. Teaching methods adopted to improve student learning –
   a) Discussion based class

b)   Assignments given, revision done regularly
c)   Educational Trips organized to improve students' learning
d)   Use of Audio Visual teaching aids.

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities: NA
35.   SWOC analysis of the department and Future plans :

S-Strength
- Well qualified and dedicated faculty & well-mannered and sincere   students.

W- Weakness
- Less no. of students

O- Opportunity
- To inculcate moral and social values among the students, to motivate high level of knowledge about applied morality for good citizenship and living without stress.

C- Challenges
- Improve the strength of students and academic status of the department through high lable moral and natural environment.
- Awareness of Applied Ethics in students practical life.
- Awareness of Philosophical study in course.

Future plans:-

a-   Organize state / national seminar / workshop.
b-   Separate work place for practical Philosophy.

Department of Political Science

1. Name of the department: Political Science
2. Year of establishment: 1969-70
3. Name of Programmes/Courses offered (UG, PG, Phil, PhD, Integrated Masters, Integrated PhD): UG, PG.
4. Names of Interdisciplinary courses and departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise) : Annual/CBCS (PG)
6. Participation of department in courses offered by other departments: Add On Course in Computer Application, Short term course (DCA) in basic computer learning.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: NA
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of teaching post: 04

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	4	4

10 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 in the last 4 years
Dr.Rashmimala Sahu	M.A,Ph.D	Asst. Professor & Head	International law and Foreign Policies of India and Major Powers	20	Guiding 03 research scholars
Dr.Jaya Raj Lakshmi	M.A, Ph.D	Asst. Professor	International Relations Public Administration	16	-
Dr. Jenifar Guria	M.A, Ph.D	Asst. Professor	International Relations and Public Administration	14	-
Dr.Sr. Sushma Ekka	M.A, Ph.D	Asst. Professor	International Law	18	
Dr. Manisha	M.A.,Ph.D	Adhoc	International Law &	1	

Shahdeo			Public Administration		

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA
13. Student-Teacher Ratio (programme wise) (2015 -2016)

BA (Hons)	24:1
BA(Subsi)	63:1
MA	6:1

14. Number of academic support staff (technical) and administrative staff: sanctioned and filled:
                                                                                              NA
15. Qualification of teaching faculty with D.Sc/D.Litt/Ph.D/ M.Phil/P.G - Ph.D. 5
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NA
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received: NA
18. Research centre/facility recognized by the University: NA
19. Publications:

Name of faculty	Publications in books/journals
Dr.Rashmimala Sahu	1. Towards a Spiritual Culture published in Indian Currents-A National Weekly-9TH July, 2006. 2. "Indian Nationalism-Emergence and Essence", 2008, Historical Review 3. "Sri Aurobindo and his Vision of New India", Journal of Politics, Vol.XX1-XX11, August –Sept 2008, Ranchi University, Ranchi. 4. "Reflections on Violence against Women", ISDR Ranchi, Vol.2, July-September. No 3, 2010.1SSN O975-0142. 5. "Health Modernity of Indian Tribal Women", "Tribal Society of India" by Dr.Umesh Kumar Verma, ISBN::978-8923989,2012.(ISDR) 6. "Social Justice on the ground" in Indian Currents, National Weekly, Vol.XX1V, and Issue No-27,25[th] June-1st July 2012. 7. "Reflections and Relevance of Sri Aurobindo'sPolitical Thought in the 21st century", Journal of Politics and Administration,ISSN:2275-7075,Vol:V to VIII,2011-2012. 8. "The United Nations: Challenges and Leadership in the 21st century" Resonance', National Journal of Value Education, ISSN:7116,Vol.1.1(2013). 9. "Contemporary India and the Status of Indian Muslim Women," "Indian Muslims-Yesterday, Today and Tomorrow by Dr. Shahid Hassan,ISBN:978-81923984-3-3,2013.

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10. "Indian Foreign Policy:Achievements,Failures and Future Strategies"in 'Aavartan',Gorakhpur,UttarPradesh,ISSN-2320-3544,Summer 2013.

11. "Rising Global Terror: Threat to World Peace" International Journal for Social Development,ISDR,ISSN 2320-9283,Vol.1(1),Jan-March,2013.

12. "Crisis of Feminity in India :The Road Ahead" journal "Review of Social Studies, Law and Psychology".Vol VII Number 1 2013,ISSN 2327-7017.

13. Ethical Values in Politics - P.G. Deptt. Of Political Science, F.M. Autonomous College, Balasore.Odisha, 2007.

14. Women Empowerment in India-A policy Perspective- published in the proceedings of the UGC sponsored Interdisciplinary National Seminar on "Women Empowerment and Micro Enterprise, 28th-29th November 2011.

15. 'Violence against women : Creating social awareness' e-journal on gender equality, www.tosmg.org, Theosophical order of Service,Mahabharat Group,2014.

16. India's role in combating environmental crisis, The Indian Journal of Political Science, Quarterly Journal of Indian Political Science Association, ISSN -0019-5510, C.P.Barthal, Vol.LXXVI,No 3,July-September,2015.

17. Dr.B.R..Ambedkar's religious convictions and his perspectives on Buddhism, Gurukul International Multidisciplinary Research Journal-Spl.issue on Dr.Babasaheb Ambedkar's Global Vision, ISSN 2394-8426, Mohan Gitte, On line journal with **Impact factor 2.254, 2016**

18. "Development Strategies Versus the Rights of Indigenous People : Lessons from Niyamgiri,Odisha' Development and Conflicts, Published, ISBN-978-93-80036-75-5, 2015.

19. "Violence against Women:Creating social awareness" 'Yes,She Can',ISBN -8174O60197, 2015.

20. "Empowerment of rural women through self-help groups" Gender Dynamics:TheEmerging Frontiers, ISBN-978-93-84443-71-9, 2016.

21. **"**Mapping practices in Higher Education in India: The Road Ahead" proceedings of NAAC sponsored National Workshop on 'Enhancing quality in Higher Educational Institutions organized by IQAC- Nirmala College,Ranchi on 30th April-1st May,2016.

22 . "Reflections on Gandhian Concept of Gram Swaraj and Village Development", Panchayati Raj Institutions and Poverty Alleviation in India; ISBN:978-93-82662-46-4,2016.

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Dr.Jaya Raj Lakshmi	1. "Vartaman Samay Mein Naari Ka Swaroop" ; Resham Vaani, Dec.2006, pg no 26&35- Central Tassar Research and Training Institute, Central Silk Board, Government of India.
	2. "Right to Information: The Ball is in the citizen's court now "article published in Shod Vimarsh Vol.2.August2009,ISSN 0974-990X,pg no.29.
	3. "Equal Opportunities and Equal Rights to Indian Women "article published in Aavartan', ISSN 2320-3544,,pg no -29-31,Summer, 2013.
	4. "Problems of Nationalism in the framing of the Constitution of India" Historical Outlook,November,2009.
	5. 'Reinventing Politics in India through Women Empowerment', The Indian Journal of Political Science,ISSN -0019-5510, C.P.Barthal, Vol.LXXVI,No 4,Oct-Dec,2015.
	6. "Social Justice :A myth for Indian Women",Bharat mein samajik nyaya:Yatharth and Chunotiyaan, ; ISBN: 978-93-82353-02-7,pg-219-223,2012.
	7. "Tribal women and social justice through Panchayat Raj System", Panchayati Raj Institutions and Poverty Alleviation in India; ISBN:978-93-82662-46-4,2016.
Dr.Jenifar Guria	1. "Swami Vivekananda and his contribution" Ratna-Garbha-Vol:7,No.1,September 2010,1SSN 0996-231X,published by Social Sciences& Humanities Development Association, Ranchi
Dr.Sr. Sushma Ekka.	1. "Gender discrimination in India "Sevartham-ISSN 0970-83,24 Vol. 33,2008 St.Albert's College Faculty of Theology, Ranchi, Jharkhand.
	2. "Gender discrimination and women development in Tribal Society" Journal for Social Development and Research by ISDR, Ranchi, ISSN No978-923984-1-9
	3. "Promoting Good Governance with the help of e-Governance''ISDR,Ranchi,ISSN No 0975-0142, Vol. 4,Oct-Dec.2012
	4. "Social Justice and Women" ,'Bharat mein samajik nyaya:Yatharth and Chunotiyaan,ISBN: 978-93-82353-02-7,pg-206-218,2012

20.   Areas of consultancy and income generated: NA
21.   Faculty as members in: National Committees, International Committee, Editorial Board
       Dr. Rashmimala Sahu
       1.   Life member of Indian Political Science Association
       2.   Executive Committee Member of Institute for Social Development and Research, Hotwar, Ranchi
       3.   Member of Editorial Board, Resonance- A national journal of value education- bilingual half yearly referred journal published by True Care Research and Development, Registered under Society's Registered act, 21 (1860) No.756, ISSN71 16, Vol.1.1 (2013)

4. Life member of The Theosophical Order of Service, Mahabharat Group, Odisha
5. Member Board of Studies, Ranchi University, Ranchi.

Dr.Jaya Raj Lakshmi
1. Member, Editorial Board 'Aavartan ISSN2320-3544-A quarterly bilingual journal of academic activities in social sciences, environment & literary arena.
2. Life member of Indian Political Science Association.

Dr. Sr. Sushma
1. Life member of Indian Political Science Association.

22. Student projects:
   a) Percentage of students who have done in house projects including inter departmental programme: only students with Add on Computer Application have done project.
   b) Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories/ Industry/ other agencies :   NA
23. Awards/ Recognitions received by faculty and students:
   Dr. Rashmimala Sahu : First Prize award in the paper writing contest on ICT, in the one day workshop on e- governance organized by Ranchi University, DEITY & NeGP, 2012.
   Dr.Sister Sushma Ekka: Certificate of Appreciation for contribution to the National University Students' Skill Development Programme, Tata Institute of Social Sciences, Mumbai, 6th February 2016.
24. List of eminent academicians and scientist/Visitors to the department.

09/02/2014(Workshop)	Urban government in Ranchi & voting awareness.	Mrs Shashi Singh,Ward Councillor
12/09/2015(Workshop)	Women empowerment through sericulture	Dr. G. S.Singh, Joint Director,CTR & TI,Ranchi Dr.ZMS.Khan,Senior Scientist, (C) CTR&TI,Ranchi
18/12/2015	Emerging dimensions of Human Rights in 21st Century	Dr. Tulu Sarkar,H.O.D.P.G deparment,R.U
09/02/2016	Popular movements in India	Dr.ReenaNand,Ranchi college and Geeta Mukherjee,former H.O.D.Pol.Sc,Nirmala College
14/03/2016-15.03.2016 (In collaboration with Pratigya,Gandhi Smriti Darshan under Ministry of culture)	Gandhi ,youth volunteerism & Constructive work	Padmashri Ashok Bhagat, Shahid Akhtar &Ajay Kumar.

25. Seminars/Conference/Workshops organized and source of funding: NA
26. Student profile programme/course wise: 2015-2016

Name of the course/programme	Applications received	Selected	Enrolled	Pass Percentage
BAI(Hons)	100	100	96	90.6%
BAII(Hons)	NA		80	91%
BAIII(Hons)	NA		111	99%

*Those who have passed previous exam (Class roll)   **those who have filled up examination form

27.   Diversity of students:

Name of the course	% of students from same state	% of students from other states	% of students from abroad
BAI(Hons)		04	--
BAII(Hons)		20	--
BAIII(Hons)			--

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, defense Services etc?
Net- 02, Banking-02, Teaching-06,Others-04

29.   Student Progression

Student Progression	Against % enrolled
UG to PG	40% of the students

30.   Details of infrastructural facilities:
  I.   Library: There are more than 2242 books on Political Science in the Central library of the College and more than 50 books in departmental library.
  II.   Internet facilities for staff and students: The College Library is connected through inflibnet and wifi. There is a laptop, Projector and Screen in the Department.
  III.   Students Wall Magazine-two
  IV.   Steel Almirah-01,Wooden cupboard-01

31.   Number of students receiving financial assistance from college, university, Government or other agencies:

Course	College (Free-ship)	University	Govt/other agency Data not available
BAI(Session 2013-16)	07	-	-
BAII(Session2013-16)	15	-	-
BAIII(Session2011-14)	21	-	-

ST/SC students receive free scholarship from state government.

32.   Details of student enrichment programme (special lectures/ workshops/Seminar) with external experts. :

33.   Teaching methods adopted to improve student learning.
  a)   Discussions, Debates, Interactive sessions, lectures and quizzes.

b) Lectures supplemented with syllabus notes in both English and Hindi to students. handouts on updated information.
c) Regular tutorials, assignments, revision tests, both oral and written, remedial classes for poor, ST/SC students.
d) Conducting quiz, speech, debates, and seminars on contemporary issues.
34. Participation in Institutional Social Responsibility and extension activity
Dr. Rashmimala Sahu
1) Co-ordinator, IQAC, Nirmala College, 2009-2016.
2) Co-ordinator, Department of Computer Application, NirmalaCollege, Ranchi.
3) Visiting faculty at UGC Academic Staff College.
4) Resource Person for UGC Sensitivity Awareness Motivation workshops.
5) Resource Person, NUSRL, Ranchi on 23rd February, 2016
6) Resource Person, Pratigya, 15^h March,2016,Nirmala College,Ranchi
7) Organizing Secretary, Ranchi University Inter CollegeYouth Festival, 7th-9thDec, 2015
8) Organizing Secretary, NAAC sponsored Two days National Workshop On Enhancing qualityin Higher Educational Institutions, 30th April-1st May, 2016
Dr.Jaya Raj Lakshmi : Examination Controller
Dr. Sister Sushma Kiran Ekka   : NSS Programme officer, Nirmala College.
35. SWOC analysis of the department and Future Plan:
STRENGTH
- Well qualified, experienced and competent faculty members.
- Popularstream /discipline with increasing numbers of students on roll every year
- Dual medium of teaching to cater to the needs of the students.
- Regular mentoring of weak students
WEAKNESS
- High ratio of student-teacher
- Difficulty in handling slow learners
OPPORTUNITIES
- Intensifying inter-college co-operation in the field of academics and extra curricular activities
- Encouraging Advocacy
- Organising more frequent trips to Vidhan sabha, high-court, local self govt. offices and working with NGO'S for acquiring first hand experiences.
CHALLENGES
- Encouraging students to appear for competitive and career oriented exams through career counseling and guidance.
- Improving soft skills of students through student enrichment programmes
- Promoting e-learning.
FUTURE PLAN
To develop the Department as a Centre of Excellence for both the students and faculty members.

Department of Psychology

1. Name of the department: Psychology
2. Year of establishment: 1969-70
3. Name of Programmes/Courses offered (UG, PG, MPhil, Ph.D, Integrated Masters, Integrated Ph.D): UG
4. Names of Interdisciplinary courses and departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise) : Annual
6. Participation of department in courses offered by other departments: Add On Course in Computer Application, Short term course (DCA) in basic computer learning.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: NA
8. Details of courses/programmes discontinued (if any) with reasons: General Course (non availability of students)
9. Number of teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	4	4

10 Faculty profile with name, qualification, designation,specialization.(D.Sc/D.Litt/Ph.D/M.Phil.etc)

Name	Qualification	Designation	Specialization	teaching experience	No.of Ph.D students guided in the last 4 years
Dr. Jyoti Prasad	Ph.D	Associate Professor & Head	Organisational Behavior	28 yr.	---
Dr.Sarwat Jabeen	Ph.D	Asst. Professor	Industrial & Occupational Psychology	18yr.	----
Dr.Ira Tripathi	Ph.D	Asst. Professor	Social Psychology	05yr.	---
Mrs.Vinita kumari Sinha	MA	Asst. Professor	Health & Organisational psychology	04yr.	----

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NA
13. Student-Teacher Ratio (programme wise)

BA (Hons)	14:1
BA(Subsi)	12:1

14. Number of academic support staff(technical) and administrative staff: sanctioned and filled:

Post	Sanctioned	Filled
Lab Attendant	01	01

15. Qualification of teaching faculty with D.Sc/D.Litt/Ph.D/M.Phil/P.G

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	P.G
No of Faculty			03		01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Projects National

Faculty Members	**Funding Agency**	**Grants Received**
Dr. Ira Tripathi	UGC (Vide letter no. F.PHJ.6/B-14ERO	Rs.2.84,000

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received :
NA
18. Research centre/facility recognized by the University : NA
19. Publications:

Name of faculty	**Publications in books/journals**
Dr. Jyoti Prasad	1. The Subordinate's Behaviour Scale(SBPS).The Social Engineer Volume 2, Number 1, January 1992, ASSERT Publications Patna 800001 2. Chapter no.9-Woman Empowerment :Stress and Mental Health in 'Globalisation and Woman Empowerment' by Bipin Kumar.2009, Deep & Deep Publications PVT. LTD. 3. Relationship between self concept and self

	confidence:Indian Journal of Applied Research:Peer reviewed and Referred International Journal:ISSN NO-2249-555X;Sep 2015
Dr.Sarwat Jabeen	1. Select Bibliography on Job Satisfaction:1990-2000,Social Change, Issues & Perspectives, Journal of the council for Social Development, Vol. 34, No.2, June-2004. ISSN 0049-0857. 2. Paper entitled "Psychodynamics of National Integration", published in 'Historical Outlook- on Problems of Nationalism and National Integration from Gandhian Age to 1956'by the Department Of History, Nirmala College, Ranchi.Nov.2009. 3. Some Socio psychological Correlates of Job Satisfaction in School Teachers, Indian Journal of Health & Wellbeing, ISSN-2229-5356, Vol. 2, Issue 4, December-2011. 4. Enhancing Self Concept, Indian Journal of Health & Wellbeing, ISSN-2229-5356, Vol. 2, Issue 4, December-2011. 5. Applied Psychology in Technical Education: A Study on Personality Adjustment, Research Journal of International Association for Peace Psychology, ISSN- 1395- 4435,Vol. VI, No. II, March-2013. 6. Work Place Effect on Job Satisfaction in College Teachers, Indian Journal of Health & Wellbeing, ISSN 2229-5356, Vol. 4, Issue 2, March-2013, Part-II, ImpactFactor = 0.47. 7. A Study of Values and Ego Strength in Intermediate Students of Working Mothers. Indian Journal of Health & Wellbeing. 2229 – 5356, Impact Factor=0.47. Vol.-IV,Issue-11, November-2014 8. Emerging Trends and Socio-psychological Factors in Industrial and Organizational Psychology. Indian Journal of Applied Research. 2249-555X Vol.-06, Issue-03, March 2016
Dr. Ira Tripathi	1. Chronic illness, symptoms and efficacy in children as related to some psychological characteristics of mothers. Psychology and developing societies. 0917-3336. Vol 12, No-1 , January -June 2006 Page no- 31-42 2. Psychological perspective in environmental and developmental issues (chap- coping with chronic illness and the growing child).Concept publishing company New Delhi. 81-8069-012-1. 2003 (page no- 267-282) 3. Positive Psychology : Optimism, An Overview: Indian social and psychological studies. 0974-634X. Vol 06 No-01 March 2013 Page no- 45-47 4. Mother's future expectation and child behavior. Indian Journal Of Applied Research , Peer Reviewed &

	Referred International Journal ISSN No- 2249-555X,.Impact Factor- 2.1652 .Vol:4 Issue :8 August 2014page no :5-6 5. Effect of mother's psychological characteristics on efficacy behaviors of children. Indian Journal Of Applied Research , Peer Reviewed & Referred International Journal. ISSN No- 2249-555X, Impact Factor- 2.1652. Vol :4,Issue :12 Dec 2014 page no .11-13 6. Emotional Intelligence andGender: Comparison Between Tribal and Nontribal Adolescent with Special Reference to Ranchi District, Jharkhand. Indian Journal Of Applied Research , Peer Reviewed & Referred International Journal. ISSN No: 2249-555X Impact factor:3.6241. Vol:05,Issue-10,October-2015.Page no:35-37 7. Emotional Intelligence as Related to Adjustment : A Study of Tribal Non Tribal Adolescents of Ranchi (Jharkhand) District. International Journal of Health Sciences & Research. ISSN No.:2249-9571 Impact Factor: 3.5. Vol.:06, Issue:04, April 2016, Page No. 439-443
Mrs Vinita Kumari Sinha	1. Anger: Our Friend Or Enemy Behavioural Research Review ISSN No- 0975-7198 Vol.5, No- 1, March 2013 pp-104-106 2. A study of emotional maturity and adjustment of college student Indian Journal Of Applied Research, Peer Reviewed & Referred International Journal, ISSN No- 2249-555X, Impact Factor- 2.1652, vol.-4 Issue 5, May 2014, pp- 53-54 3. A study of emotional maturity among tribal & non-tribal girls. Indian Journal Of Applied Research, Peer Reviewed & Referred International Journal, ISSN No- 2 249-555X, Impact Factor- 2.1652, July 2014. 4. Impact of Maternal Acceptance and Rejection on Adjustment level of Girls. International Journal of Science & Research (On line Publication) Impact factor- 4.438, Vol 4 April 2015 5. Relationship between Perceived Parental Acceptance-Rejection and Emotional maturity. Indian Journal Of Applied Research , Peer Reviewed & Referred International Journal, ISSN No- 2249-555X, Impact Factor- 3.6241, Vol 5 , issue -9 September 2015

20. Areas of consultancy and income generated: NA
21. Faculty members as in : National Committees, International Committee, Editorial Board
   Dr. Jyoti Prasad
   - Life Member of Indian Science Congress. Membership No. : L24672
   Dr. Sarwat Jabeen
   - Life member of Indian Psychiatry Journal. Pub. Medknow, 22 December-2009.
   - Life Member of Indian Science Congress. Membership No. : L23361. 29 November 2013.
   - Research Journal of International Association for Peace Psychology. (Editorial Board), Pub. Lok Bharti Prakashan, March-2013.

   Dr. Ira Tripathi
   - Life Member of Indian Science Congress. (L24568)
   - Member of National Academy Of Psychology (NAOP)

   Mrs. Vinita Kumari Sinha
   - Life Member of Indian Science Congress.(L24297)
   - Member of American Psychological Association (53333678)
   - Member of National Academy Of Psychology (NAOP)
22. Student projects:
   c) Percentage of students who have done in house projects including inter departmental programme: NA
   d) Percentage of students placed for projects in organizations outside the institution i.e in research laboratories/ Industry/ other agencies : NA
   e)
23. Awards/ Recognitions received by faculty and students
   "B.K.Choudhary Memorial Award 2013" was awarded to B.A III students for Best Overall Performance. (*The award is sponsored by Dr.Deorani Choudhary, Former Head, Deptt. of Psychology.*)
24. List of eminent academicians and scientist/Visitors to the department: NA
25. Seminars/Conference/Workshops organised and source of funding:

   National Seminar on "Mapping Practices in Psychology: Critical Issues and Current Perspectives' sponsored by ICSSR, New Delhi and UGC organized between 5th-6th November, 2015.

26. Student profile programme/course wise: 2015-16

Name of the course/programme	Applications received	Selected	Enrolled	Pass Percentage
BAI (Hons)	24	24	22	88.8%
BAII (Hons)	NA	15	15	100%
BAIII (Hons)	NA	16	18	88.8%

27. Diversity of students : NA
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, defense Services etc?
29. Student Progression

Student Progression	Against % enrolled
UG to PG	More than 40%

30. Details of infrastructural facilities:

   I. Library: There are more than 1341 books on Psychology in the Central library of the College. Besides this the Department Library has more than 110 books kept in steel almirahs in the Psychology Lab.
   II. Internet facilities for staff and students: The College is connected through WiFi. There is a laptop in the Department. Students and staff can access the internet easily.
   III. Classrooms with ICT Facility: The lab has the following resources.
   LCD Projector-one, Screen-one, Blackboard-one
   Instruments available- Stop Watch, Bell, Screens, mirror tracing, aesthesiometer, metronome, lifted weight, visual length, vernior chronoscope, muller lyre, colour preference, jastro aperture, card sorting tray, tachistoscope.
   Test Materials: Alexander battery of Intelligence test, Mohsin's General Intelligence test, Sinha Anxiety test, Bell Adjustment, MPI, 16 PF, Porteus Maze test, IBT (Rosharch), WAT, TAT (Murray).

31. Number of students receiving financial assistance from college, university, Government or other agencies.

Course	College	University	Govt/other agency
BAI			
BAII	02		
BAIII	07		

All ST/SC students receive stipend from the Government of Jharkhand

32. Details of student enrichment programme (special lectures/ workshops/Seminar) with external experts: NA

33. Teaching methods adopted to improve student learning.

   a) Power point presentations with slides show are used.
   b) Regular tutorials and quizzes.
   c) Regular guidance and counselling for student`s personality development.
   d) Assignments given to students individually or in groups on any topic relevant to the syllabus.
   e) Organised regular Group discussion on different issue related to syllabus.
   f) Special revision classes for Hons. & subs after the completion of syllabus. Taking regular feedback from students for improvement in teaching.

34.	Participation in Institutional Social Responsibility and extension activities:	NA

35.	SWOC analysis of the department & Future Plans:

Strength
- Highly qualified, sincere and dedicated faculty to guide students from time to time.
- Updated and well equipped modern laboratory.
- Well stocked departmental library.
- Outstanding results in degree exams conducted by Ranchi University.
- Encouraging girls of the weaker section of the society to participate in various departmental activities for their overall Personality development.

Weakness
- Decreasing number of students.

Opportunity
- Educating students of weaker and backward society.
- Motivating students to learn and use modern technical gadgets in presentation of papers in departmental Seminar.
- Occasional visit to RINPAS and CIP for clinical exposure to the students.
- Encouraging students to go for short term courses after graduation & post graduation.

Challenges
- Begin vocational classes for degree students with special emphasis on clinical psychology & OB.
- Introduce job oriented training programmes for degree students.
- To start PG classes.

Future Plans
- Conduction of National level Workshops and Seminars.
- Focus on social and moral values to make the students better citizens.

Department of Sanskrit

1. Name of the department : Department of Sanskrit
2. Year of Establishment : 1969 – 1970
3. Name of programmes/ Courses offered (UG, PG, M Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc) : UG.
4. Names of Interdisciplinary courses and the departments / units involved :   NA
5. Annual / semester / choice based credit system (Programme wise) : Annual
6. Participation of the department in the courses offered by other departments :   NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc :   NA
8. Details of courses / programmes discontinued (if any) with reason   :   NA
9. Number of Teaching posts:

	Sanctioned	Filled
Professors		
Associate Professors	1	1
Asst. Professors		

10. Faculty profile with name, qualification, 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. NANDINI CHOUDHURY	M.A., Ph.D	Associate Professor	Philosophy	33	NA.

11. List of senior visiting faculty   :   NA
12. Percentage of lectures delivered and practical classes handled (Programme wise) 2015 -2016 by temporary faculty   :-   NA
13. Student – Teacher Ratio (programme wise) :

BA – I	20:1
BA – II	20:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled   -   NA
15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhill/PG. -   Ph.D.
16. No of faculty with ongoing projects from a) National b) International funding agencies and grants received   -   NA
17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc and total grants received   -   NA

18.   Research Centre Facility recognized by the University   -   NA
19.   Publications :-

Name of the Books	Name of the author	Publication	Year	
Nyaya ebam Vaisheshike Darsan Ke Praman Vichar	Dr.Nandini Choudhary	S K Publication, Ranchi	2005	ISBN-978-81-909350-05
Pouranik Katha Sankalan Part 1	Dr.Nandini Choudhary	S K Publication, Ranchi	2011	
Pouranik Katha Sankalan Part 2	Dr.Nandini Choudhary	On process		

20.   Areas of consultancy and income generated -   NA
21.   Faculty as members in
        a) National committees   b) International Committees
        c) Editorial Bords…… :-   NA
22.   Student projects   :   NA
        a)   Percentage of student who have done in-house projects including inter departmental/programme   :   NA
        b)   Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies   :   NA
23.   Awards/Recognitions received by faculty and students :   NA
24.   List of eminent academicians and scientists/visitors to the department   :   NA
25.   Seminars/Conference/Workshops organized & the source of funding
        a)   National :   NA
        b)   International
26.   Student Profile programme/course wise :   NA
27.   Diversity of Students :   NA
28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.   :   NA
29.   Student progression   :-   NA
30.   Details of Infrastructural facilities
        a)   Library - No. of Books- 298
        b)   Internet facilities for Staff & Students - The entire campus is Wi-Fi enabled
        c)   Class room with ICT facility -   NA
        d)   Laboratories   -   NA
31.   Number of students receiving financial assistance from college university, government or other agencies   :-   All ST/SC girls student are getting stipend from Government.
32.   Details on student enrichment programmes (special lectures/workshops/seminar) with external experts   :-   NA
33.   Teaching methods adopted to improve student learning – Through enactment of Sanskrit plays and dramas, lectures, special classes & tutorials.
34.   Participation in Institutional Social Responsibility (ISR) and Extension activities -   NA
35.   SWOC analysis of the department and Future plans :
    Strength

- Increasing number of students and growing interest amongst tribal students.

Weakness
- Weak teacher student ratio as the Department is handled by single faculty.

Opportunity
- Growing demand for Sanskrit teachers.

Challenge
- Honours Course to be introduced in Sanskrit for further improvement of Students.

Future plan
a) Planning for organizing of State / National / International level seminars / Work shops so that new ideas may be exchanged.

Department of Botany

1. Name of the department - Botany
2. Year of Establishment – 2006
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) – UG
4. Names of Interdisciplinary courses and the departments/units involved – NA
5. Annual/ semester/choice based credit system (programme wise) – Annual.
6. Participation of the department in the courses offered by other departments – Add On Course in Computer Application, Short term course (DCA) in basic computer learning.
7. Courses in collaboration with other universities, industries, foreign institutions, etc. – NA
8. Details of courses/programmes discontinued (if any) with reasons – NA
9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Asst. Professors	03	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of year of Experience	No. of Ph.D students guided for the last 4 years
Dr. (Miss) Rashmi Peters	M.Sc., Ph.D	Associate Professor	Alogology	33	-
Dr. (Mrs) Anubhuti Singh	M.Sc., Ph.D	Asst. Professor	Cytogenetics and plant Breeding	6	-
Dr. (Mrs.) Indu Kumari	M.Sc., Ph.D	Asst. Professor	Plant Physiology & Plant Biotechnology	6	-
Dr.(Mrs.) Neetu Rani	M.Sc. Ph.D	Asst. Professor	Cytogenetics and Plant Breeding.	6	-

11. List of senior visiting faculty – NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty – NA

13.   Student -Teacher Ratio (programme wise) (2015-2016).

CLASS	RATIO
B.Sc. Hons.	18:1
B.Sc .Subsi	28:1

14.   Number of academic support staff (technical) and administrative staff; sanctioned and Filled

	Sanctioned	Filled
Academic support staff (technical)	02	02

15.   Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. –   Ph.D.- 4.

16.   Number of faculty with ongoing projects from a) National b) International funding

Name of faculty	Project/ProjectNo	Topic	Amount sanctioned
Dr.Indu Kumari	U.G.C Minor research Project. Ref. No. – PSJ-007/12-13(ERO).	Studies on antibacterial activity of crude extracts of *Euphorbia hirta L.*	Rs.1,73,000/-

17.   Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. -   NA

18.   Research Centre /facility recognized by the University –   NA

19.   Publications:

a)   Publication per faculty

Faculty	Publication
Dr. Rashmi Peters	New algae to India from Chaibasa (Bihar) Perspectives in Phycology; Prof. M.O.P. Iyenger Celebration Volume;1990.
Dr. Anubhuti Singh	Morphological, Anatomical and Phytochemical observation on *Selaginella bryopteris. Biospectra*, vol2 (2), sept. pp319-321, 2007. ISSN No. 0973-7057. Diversity and distribution of water fern in Ranchi District. *Biospectra*,Vol.3 (1):133-136,2008.ISSN No. 0973-7057. Ethnomedicinal and Phytochemical studies on *Marsilea minuta* of Ranchi .*Indian Fern J.* Vol.27:78-82, 2008. ISSN No.0970-2741. Phytochemical studies on medicinal water fern *Ceratopteris* and *Marsilea. Biospectra*. Vol4(2):385-388,2009.ISSN No.0973-7057. Ethnomedicinal uses of some pteridophytes. *Int. J. Mendel*. vol 26(1-4):7,2009. ISSN No. 0970-9649.

	Ethnomedicinal and phytochemical studies on *Equisetum diffusum* D.Don of Ranchi district. *International journal for exchange of knowledge:* 2(1):67-68, 2015. ISSN NO- 2394-1669. Pteridophytic flora of ranchi district, Jharkhand. *Indian fern J*.32:166-172, 2015. ISSN NO.0970-2741. Impact factor- 2.05. Prospects of biofules in india as source of bioenergy and its role in mitigation of carbon emission: *A Review.vol*. 3(1);20-26,2016.ISSN No.2394-1669
Dr. Indu Kumari	In vitro regeneration and Callus formation of *Spondias mangifera* (L) from shoot tips: A valuable medicinal plant. *The Bioscan*; 3(2) : 217-220,2008,ISSN No. 0973 -7049. Tissue culture of *Spondias mangifera* (L.): An important medicinal plant for control of diarrhea .*Biospectra*, vol 3(2),pp – 315-318, 2008,ISSN No. 0973 - 7057. *In vitro* regeneration and callus formation from leaves of a medicinal plant," *Spondias mangifera* (L.)". *Bionature;* 28(2):79 – 83, 2008, ISSN No.0970 -9835. *In vitro* root, stem development and callus induction from different parts of *Spondias mangifera* (L.). *Biospectra*;vol 4(2),pp 375 – 380,2009,ISSN No. 0973 - 7057 . *In vitro* regeneration and Callus formation of *T.chebula* (Retz.) : An important medicinal plant for control of Jaundice .*J.Haematol. & Ecotoxicol*;6(2):95 – 99,2011,ISSN No.0973 -4635. Tissue culture of *Vigna radiata* (L.) – An important medicinal plant for cancer.*J Haematol. & Ecotoxicol*. 6(1) : 53 -57,2011, ISSN No.0973 -4635. Extraction of secondary metabolites from *Vigna radiata*.*J.Haematol. & Ecotoxicol*. 6(2) : 91 – 94,2011;ISSN No.0973 -4635. *In vitro* micropropagation of *Vigna radiata* L. – An important medicinal plant for cancer. Proceeding of UGC sponsored National Seminar ; pp 35 – 37,2011. Tissue culture of *T.chebula* (Retz.) : An important medicinal plant for control of Leprosy. *Biospectra* ; vol (1),pp 187 – 190,2012, ISSN No. 0973 - 7057. Antibacterial activity of leaf extracts of *Euphorbia hirta* L. against *Escherichia coli* and *Staphylococcus aureus*. *Biospectra*; Vol.9(1), pp 259 – 262,2014,ISSN No. 0973 - 7057.

	Effect of Methanol extract of different parts of *Euphorbia hirta* L. against *Escherichia coli* and *staphylococcus aureus*. *Int. J. Mendel*, volume: 31(3-4) sept-Dec. 2014. ISSN – 0970-9649. Impact on development : Loss of plant diversity and composition in Kanke block, Ranchi district, Jharkhand(India) , *Development and Conflicts* , ISBN-978-93-80036-75-5, page no-284-289. "Effect of deforestation and development on plant diversity in Kanke Block, Ranchi district of Jharkhand.", *Environmental Crisis*, ISDR, ISBN- 978-93-84686-03-1, Page no-263-266 . "Antibacterial activity of bud of *E.hirta* extract against S.aureus.", *Indian Journal Of Applied Research* , Peer Reviewed & Referred International Journal. ISSN No:2249-555X ,Impact factor:3.919, October-2016,Vol .VI,pp 307-308.
Dr. Neetu Rani	Medicinal plants in around Birsa Agricultural University, Kanke, Ranchi. *Int. J.Mendel.,* 23 (1-2) : 21 – 22,2006. ISSN NO.-0970-9649. Cytological studies in two varieties of *Catharanthus roseus.Int.J.Mendel.*, 23 (1-2):59-60,2006.ISSN No. .-0970-9649. Survey and study of Medicinal plants curing different diseases in and around Birsa Agricultural University, Kanke, Ranchi.*Int.J.Mendel.*,23(1-2):19 – 20,2006.ISSN NO.-0970-9649. Genetic divergence in the genus *Catharanthus. Advances in plant Sciences.*, 23(1): 249 -251,2010.ISSN NO.-0970-3586. Stomatal studies in *Catharanthus roseus* (L.) G.Don. *Advances in Plant Sciences*; 23(1): 301 – 303, 2010. ISSN NO.-0970-3586. Effect of Ethyl Methane Sulphonate on *Catharanthus roseus* (L) G.Don. *Advances In Plant Sciences*, 23(11) : 677 – 680,2010.ISSN NO.- 0970-3586. Karyotype analysis of *Catharanthus pusillus* (Murray) G.Don .*Nucleus.* 52 (3) :141 – 143,2009.ISSN NO.-0029-568X. Karyomorphological studies in the genus *Catharanthus*. *Journals of Geneties & Plant Breeding*, 71(1) :55 – 60,2011.ISSN No.-0019-5200. EMS induced mitotic abnormalities in *Catharanthus roseus. Journal of Global Biosciences vol.4* special issue 1,pp.1816-1823,2015.ISSN NO. 2320-1355. Prospects of biofules in india as source of bioenergy and its role in

	mitigation of carbon emission: A Review *IJEK*.vol. 3(1); 20-26, 2016.ISSN NO.2394-1669.
	Mutagenic Effect of EMS on pollen mother cells of *Catharanthus roseus* (L.)G.Don *Chromosome Botany*, 11(3);2016 ONLINE ISSN NO.-1881-8285.

20.   Areas of consultancy and income generated –   NA
21.   Faculty as members in
      a)   National committees   b) International Committees
      c)   Editorial Boards…. – In national committee

Dr. Anubhuti Singh	5. Life member of Indian Botanical Society.
Dr. Indu Kumari	1. Life member of Indian Science Congress Association . 2. Life member of Society for Applied Biotechnology. 3. Life member of the Indian Botanical Society.
Dr. Neetu Rani	1. Life member of the Indian Journal of Genetics and plant Breeding. 6. Life member of the Indian Botanical Society.

22.   Student projects
      a)   Percentage of students who have done in-house projects including inter departmental/programme –   NA
      b)   Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies –   NA
23.   Awards / Recognitions received by faculty and students –
Natasha Bhengra – B.Sc., Part – 3 (Hons.), Topped at State Level in Year 2010.
24.   List of eminent academicians and scientists / visitors to the department .-   NA
25.   Seminars/ Conferences/Workshops organized & the source of funding
      a)   National –   NA
      b)   International –   NA
26.   Student profile programme/course wise: 2015 – 2016

*M = Male *F = Female

Class	Application Received	Selected	Enrolled	Pass Percentage
B.Sc.Part 1 Hons.	23	23	23	56.5%
B.Sc.Part 2 Hons.	NA	19	21	90%
B.Sc.Part 3 Hons.	NA	09	09	100

27.   Diversity of Students

Name of Course	% of students from same state	% of students from other state	% of student from abroad

Botany Honours	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? – Data not available.
29. Student progression
    Student progression Against % enrolled – Data not available
30. Details of Infrastructural facilities
    a) Library – About 584 text books and many reference books up to Honours degree level.
    b) Internet facilities for Staff & Students – yes.
    c) Class rooms with ICT facility - Yes
    d) Laboratories – Well Equipped Two Laboratories for Degree students.
31. Number of students receiving financial assistance from college, university, government or other agencies.
    All SC/ST students receive stipend from Govt. of Jharkhand.
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts –
    1. Dr Sudarshan Maurya, ICAR, Palandu
    2. Interdisciplinary Workshop on 12 Sept.2015, Guest Speaker – Dr. G.Singh (Director, Tasar Research Institute,Lohardaga) and Dr. Md. Mazhar Aalam(Scientist)
33. Teaching methods adopted to improve student learning –
    By Field Studies, Departmental Seminars, Science Exhibition and Quiz Competitions.
    Project and Field Report writing.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities –   NA
35. SWOC analysis of the department and Future plans
    STRENGTHS
    - Experienced, dedicated and disciplined faculty.
    - Well stocked Departmental Library.
    - Departmental computer system, Internet facilities and printer are available which help students in their project work.
    WEAKNESS
    - Less number of student.
    OPPORTUNITIES
    - To provide opportunities for the student to participate in various developmental programmes, sports and cultural activities to show their talent.
    - To provide opportunities for interaction of student of different colleges.
    - To provide opportunities for faculty members to participate in seminar, workshops organized at state and national level.
    CHALLENGES
    - Improvement of the educational standard by various teaching aids to attract students.
    - Placement opportunity.

    FUTURE PLANS
    - To start P.G. Course.
    - To organize conference and seminars (National/ International).
    - To start Departmental Research Projects funded by DST and UGC.

Department of Chemistry

1. Name of the department : Chemistry
2. Year of Establishment : 2006-09
3. Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.): UG
4. Names of Interdisciplinary courses and the departments/ units involved : Chemistry is a subsidiary subject for the students of B.Sc (Mathematics, Botany & Zoology),B.Sc (IT) & BCA
5. Annual/ semester/ choice based credit system (programme wise) Annual
6. Participation of the department in the courses offered by other departments :   NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.   NA
8. Details of courses/ programmes discontinued (if any) with reasons   NA
9. Number of Teaching Posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. /Ph.D. /M.Phil. etc.)

S.N.	Name	Qualification	Designation	Specialization	No. of years of Experience	No. Of Ph.D. students guided for the last 4 years
1.	Ms. Sreerupa Roy	M.Sc.	Assistant Professor	Organic Chemistry	08	-
2.	Dr. Manju Pandey	M.Sc., Ph.D.	Ad hoc	Organic Chemistry	07	-

11. List of senior visiting faculty   NA
12. Percentage of lectures delivered and practical classes handled (Programme wise)   NA
13. Student- Teacher ratio (Programme wise)

Programme	Student-Teacher Ratio
B.Sc. I (Subsidiary)	140:1
B.Sc. II (Subsidiary)	142:1

14. Number of academic support staff (technical) and administrative; sanctioned and filled.

	Sanctioned	**Filled**
Academic support staff (technical)	02	02

15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./ PG

Ph.D.	01
PG	01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received   NA
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received   NA
18. Research Centre/ facility recognized by the University   NA
19. Publications:

Name	**Publications per faculty**	**Detail of Publications**
Ms. Sreerupa Roy	04	Synthesis, Spectroscopic Structural Characterization and Antimicrobial Studies of 1, 3-Dithia-2-arsacyclohexane Derivatives with Oxygen and Sulfur Donor Ligands. *J. Asian Chemical Society*, 2011; *61(22)*:3687-3692 ISSN 0976-0970 Fuel Cells: Fuelling the future. *Advances in Chemical Science & Technology*, 2013; *8*:132-137 ISSN 1996-7489 Microwave assisted synthesis and study of some Chromium (III) complexes of ortho-vanillin with TBC, *J. Chemtracks*, 2015, 17 (2), 307-312. (p-ISSN: 0973-239X) Microwave assisted synthesis and IR spectral analysis of a few complexes of 4- Hydroxy-3-methoxybenzaldehyde with di-tertiary butyl chromate, *Int. Research J. of Engineering and Technology (IRJET)*, 2016, 3 (2), 1058-1061. [Impact Factor 4.42] [e-ISSN: 2395 -0056, p-ISSN: 2395-0072]

20. Areas of Consultancy and income generated   NA

21. Faculty as members in National Committee, International Committee, Editorial Board : Sreerupa Roy is in editorial board of Nirmala College Newsletter and in the RUSA committee of the College
22. Student Projects
    a) Percentage of students who have done in-house projects including inter departmental/ programme   NA
    b) Percentage of students placed for projects in organizations outside the institution, i.e. in Research laboratories/ Industry/ other agencies   NA
23. Awards/ Recognitions received by faculty and students   NA
24. List of eminent academicians and scientists/ visitors to the department   NA
25. Seminars/ Conferences/ Workshops organized & the source of funding   NA
    a) National
    b) International
26. Student profile programme/ course wise: NA
27. Diversity of Students   NA
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense Services, etc.? Data Not Available
29. Student progression : Data not available
30. Details of infrastructural facilities
    a) Library – The college library has a total of 1165 standard reference books on Chemistry.
    b) Internet facilities for staff and students – The college campus has a Wi-Fi network available for both staff and students.
    c) Classrooms with ICT facility –   Yes
    d) Laboratories – Equipped labs with all the basic chemicals, laboratory glassware (test tubes, conical flasks, beakers, burette, etc.) and instrumentation facilities like digital top pan balance, distillation units, digital pH meter, melting point apparatus, Kipp's apparatus, fume cupboard, refrigerator, a proper network of gas pipelines and Bunsen burners. All safety rules and procedures are enforced at all times in the laboratories.

31. Number of students receiving financial assistance from college, university, government or other agencies   NA
32. Details on student enrichment programmes (Special lectures/ workshops/ seminar) with external experts   NA
33. Teaching methods adopted to improve student learning –
    - Innovative student-centric methods of teaching-learning like the use of A/V aids, molecular models, etc.
    - Lecture-cum-demonstration method of teaching compulsorily exercised
    - Assignments, projects, and co-curricular activities
    - Provision for adequate study materials and regular practice of model test papers
    - Besides terminal tests and university examinations, mid-term class tests are conducted for monitoring & further improvement in learning.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities   NA
35. SWOC analysis of the department and Future plans –
    Strengths
    - Well qualified and motivated faculty with a strong commitment to teaching and research.

- Two spacious adequately-equipped laboratories with an efficient support staff.
- Good number of Chemistry books and study materials in the college library.
- Good number of students enrolled for the subsidiary paper.

Weaknesses
- Honours course in B.Sc. Chemistry yet to be introduced.
- Inadequate no. of teaching & technical support staff.
- Inadequate no. of books and resources in the library.
- Inadequate instrumentation facilities in the laboratories.
- Disparity in the intellectual levels of students thereby rendering the learning group more heterogeneous rather than composite.

Opportunities
- B.Sc. Honours course in Chemistry could be introduced, keeping in view the ever-growing need for research in basic sciences and employment opportunities available in the field of Applied Chemical Sciences.
- Chemistry laboratoriescould be upgraded by procuring more sophisticated and advanced level analytical instruments for practical courses to meet the demands of new CBCS curriculum and for setting up a professional Central Research Facility.
- Improvisation of student-centric teaching – learning methodologies.
- Optimum use of flexibility approach to explore the unexplored domains so as to improve learning outcomes.
- Expansion of the department and introduction of an honours course will lead to increased students' participation in extension activities and enrichment programmes, seminars, workshops, etc.
- Scope for undertaking Major/ Minor Research projects.
- Research skill and aptitude of the faculty and the students could be used for new innovations.

Challenges
- Motivating the students to develop a greater interest in the subject for the pursuit of higher learning in Chemistry & allied fields.
- Motivating the support staff towards updating and innovating their technical skills and expertise.
- Upgradation of the existing laboratory by procuring better and more sophisticated instruments.
- Overall upgradation of learning atmosphere through enhanced interaction of University and College teachers.
- Improving the teacher: student ratio

Future Plans:
- Proposal for the introduction of B.Sc. Honours Course in Chemistry
- Improving and ensuring students' participation in extension activities, extracurricular activities and conducting student enrichment programmes

- Upgradation of the existing laboratories & improving the instrumentation facilities for setting up a professional central research unit to promote and aid doctoral and post-doctoral research.
- Procuring research grants from external funding agencies like DST-FIST, UGC, CSIR, etc. to promote innovations in the field of advanced scientific research
- Overall expansion of the department and facilities

Department of Mathematics

1. Name of the department : Mathematics
2. Year of Establishment: 2006
3. Names of Programmes / Courses offered: UG
4. Name of Interdisciplinary courses and the departments/ units involved: NA
5. Annual/semester/choice based credit system (programme wise): Annual
6. Participation of the department in courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:   NA
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of Teaching posts

	Sanctioned	Filled
Professor		
Associate Professor	01	01
Asst. Professor	03	03

10. 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 last 4 years
Dr.(Mrs) M.R.Nagalakshmi	M.Sc., M.Phil., Ph.D.	Asstt. Professor	Applied Mathematics (Optimization)	12	NA
Dr.(Ms.) Pinky Pandey	M.Sc., Ph.D	Asstt. Professor	Applied Mathematics (Combinatorics)	3	NA
Dr. ApekshaPrajapati	M.Sc., M.tech.	Asstt. Professor	Applied Mathematics (Mathematical Modelling)	3	NA
Dr. Abha Kumari	M.Sc., Ph.D	Asstt. Professor Ad-hoc		1	NA

11. List of senior visiting faculty: NA

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA
13. Student-Teacher Ratio (programme wise): 2015- 2016

2015 – 2016	B. Sc. (Hons):	32:1
	B.Sc. (Subs):	22:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
                                                                                NA

15. Qualification of Teaching faculty

	Qualification				
	D.Sc.	D.Litt.	Ph.D.	M.Phil.	PG
No. of Faculty	-	-	03		01

16. Number of Faculty with ongoing projects from a) National b) International funding agencies and grants received: NA
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received: NA
18. Research Centre/Facility recognized by the University: NA
19. Publications
    a) Publication per Faculty
    List of Publications by Faculty Members

    M. R. Nagalakshmi

    1. Vehicle routing problem with stochastic demand (VRPSD): Optimization by neighbourhood search embedded adaptive anti algorithm (ns-AAA)International Journal of computer Aided Engineering and Technology vol 1 No.3, 2009 pages: 300-321. Inderscience Publishers UK. ISSN : 1757-2657
    2. Optimization of series-parallel system reliability: Adaptive memetic particle swarm optimization based approach 3rd International conference on Reliability & safety Engineering,17-19th December, Udaipur
    3. Management of work force for pickup and delivering Goods to different customers by optimizing the travelling routes: with reference to courier service.
    4. National Seminar on current trends, innovations, challenges & practices in HR, 23rd February, Chennai, 2013,ISBN No: 978-93-81430-92-7

    Pinky Pandey

    1. Association Schemes and Coherent Configurations Underlying Hadamard MatricesActaCienciaIndica.Vol. XXXVII M.No.2.235(2011)
    2. 'Circulant Association Schemes from Williamson Matrices, International Review of Pure and Applied Mathematics (January-June)2011,Volume 7,No.1,pp.55-66

3. Construction of Amicably Resolvable Pair Wise Balanced Design from Row Regular Williamson Type Matrices, 3-5 March 2016, 3 rd IEEE international conference RAIT 2016.

Apeksha Prajapati

1. Dynamic Model on the Transmission of Malicious Codes in Network, Int. J. Computer Network and Information Security, Vol.10, 2013, pp.17-23
2. Spread of Malicious Objects in Computer Network, A Fuzzy Approach Applications and Applied Mathematics (AAM) Vol. 8, Issue 2 (December 2013), pp. 684 – 700
3. Modelling and Simulation: Cyber War, International Conference on Computational Intelligence: Modelling Techniques and Applications (CIMTA) 2013, Procedia Technology, Elsevier vol. 10, 2013, pp.987 – 997
4. Cyber Warfare: Worms' Transmission ModelInternational Journal of Advanced Science and Technology. Vol.63, 2014, pp.83-94
5. Mathematical Model on Attack by Malicious Objects Leading to Cyber War, International Journal of Nonlinear Science. Vol.17, 2014, pp.145-153.
6. Cyber Attack and Control Technique. Vol 339: Information Systems Design and Intelligent Applications, Springer, 978-81-322-2249-1, pp. 157-166, 2015
7. Stability analysis of Mathematical model on Distributed Denial of service attack, National Conference on Mathematical Technique and its Application, 08-09, Feb 2011.
8. Mathematical model on Distributed Denial of Service attack, National Conference on Mathematical & Statistical Modelling in Innovative Areas, 19-20 Oct 2011, BIT Mesra, Ranchi.

20. Areas of consultancy and income generated: NA
21. Faculty as members in
    a) National committees   b) International committees
    c) Editorial board:
    Dr. (Mrs.) Susmita Ghosh
    - Life Member, Indian Science Congress Association
    - Life Member, Computer Society of India
    Dr. (Mrs.) M.R.Nagalakshmi
    - Life member of Indian Science congress Association
    - Life member of Ramanujan Mathematical society
    - Life member of Indian Mathematical society
    Dr. (Ms.) Pinky Pandey
    - Life Member, Indian Science Congress Association
    Mrs. ApekshaPrajapati
    - Life Member, Indian Science Congress Association
22. Student Projects
    a) Percentage of students who have done in-house projects including inter departmental/programme: NA
    b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/Other agencies: NA

23. Awards / Recognitions received by faculty and students

Dr. (Mrs) M.R.Nagalakshmi

a) Best paper presentation award for the paper on "Optimization of series-parallel system reliability: Adaptive memetic particle swarm optimization based approach" presented in 3rd International conference on Reliability & safety Engineering held at Udaipur during 17-19th Dec-2007.

b) Faculty award for registration, travel and accommodation support for attending International Congress of Mathematicians (ICM 2010), Hyderabad , 19-27 August,2010. (held once in 4 years) along with contingency allowances during conference days by ICM.

24. List of eminent academicians and scientists / visitors to the department

Year	Name of academicians/scientists/visitors
2009	Dr.K C Prasad, Dr. M K Singh, Dr. B Bhattacharya (Professor), Dr. (Mrs.) SmitaDey, (Asso. Professor) PG Department of Maths, Ranchi University, Dr. (Mrs.) Rita Mazumdar (Asso. Professor) Ranchi Women's College, Dr. B N Sinha, Department of Statistics, Birsa Agricultural University.
2015	Mr. Pradeep Kumar Prajapati, Technical Consultant, RS Software, Kolkata

25. Seminars/Conferences/Workshops organized & source of funding
   a) National: NA
   b) International: NA

26. Student profile programme/course wise : 2015 - 2016

Name of the Course/Programme (refer Question no. 4)	Applications received	Selected	Pass percentage
B.Sc. – I	59	59	77.9%
B.Sc. – II	NA	43	95%
B.Sc. – III	NA	34	97%

*M = Male   *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
B.Sc. – I	100	0	0
B.Sc. – II	100	0	0
B.Sc. – III	100	0	0

28. How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defence services, etc. ?: DATA NOT AVAILABLE
29. Student progression: Data not available
30. Details of Infrastructural Facilities:
    a) Library: No of books on Mathematics – 1,119 (Central Library)
    b) Internet facilities for Staff & Students: Yes
    c) Class rooms with ICT facilities: No
    d) Laboratories: No
31. No. of students receiving financial assistance from college, university, government or other agencies:
    All ST/SC students receive stipend from the Government of Jharkhand
32. Detail of student enrichment programmes (special lectures / workshops/ seminars with external experts:
    a) This department organises seminars/workshops/poster sessions on various topics including those related to Ramanujan also every year.
    b) In 2015, the department organized a workshop on 'Computer Skills" with External Expert from RS Software, Kolkata.
33. Teaching methods adopted to improve student learning
    a) Remedial classes
    b) Tutorials
    c) Class tests
    d) Quiz
    e) Assignments
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NA
35. SWOC analysis of the department and Future plans:
    SWOC Analysis:
    Strength
    a) Highly qualified, dedicated faculty.
    b) Appreciation of the knowledge and the role of teachers by students in enhancing their academic skill
    c) Excellent achievement of the stakeholders of Mathematics Honours course over a short period of time since inception resulting in 90% pass out last year
    d) Increasing no. of students opting for higher studies as well as preparing for competitive examinations
    e) Availability of scholarships for SC/ST and OBC category students

    Weakness
    a) Noticeable difference in the level of knowledge assimilation of the students coming from different schools/ Boards
    b) Reluctance of students to go beyond text books
    c) Coming from different social, economic and educational background, some students lack confidence in academic and behavioral issues.

Opportunities

a) Motivate and help students to develop interest and study skills to go beyond routine text book
b) Introduction of ICT in teaching
c) To help recognise the role of Mathematics in all spheres of life through quiz, workshop, seminars etc.
d) Develop interdisciplinary collaboration in research, teaching for faculty
e) Disseminate knowledge taking cognizance of local demography

Challenge

a) Enhance confidence in students to face challenge in life, be it studies or elsewhere
b) Negative peer pressure on young minds
c) To channelize the energy of young minds for positive and productive work
d) Developing spirit of oneness within institute, faculty, peers to establish a support system even beyond college days

Future Plans:

a) Introduction of ICT in Teaching
b) Start Post Graduate courses in Applied Mathematics, Statistics, Data Analytics and Computational Mathematics
c) Development of Computational Laboratory   & Development of Departmental Library
d) To develop a culture of Research & Development in the department by carrying out research projects funded by various agencies like, DST, UGC, etc.
e) Organise Seminars/Workshops (National/International)
f) Bridge courses on Vedic Mathematics and special emphasis on competitive Mathematics.

Department of Physics

1. Name of the department **:** Physics
2. Year of Establishment: 2006-2009
3. Names of Programmes / Courses offered : UG
4. Name of Interdisciplinary courses and the departments/ units involved:
   Physics is a subsidiary subject for the students of B.Sc (Maths),B.Sc (IT) & BCA
5. Annual/semester/choice based credit system (programme wise): Annual
6. Participation of the department in courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:   NA
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of Teaching posts

	Sanctioned	Filled
Professor		
Associate Professor		
Asst. Professor	02	02

10. 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 last 4 years
Mrs. Shrini Sircar	M.Sc.	Asstt. Professor	Electronics	18	NA
Mrs. Sumit Kaur Bharaj.	M.Sc., M.Phil.	Asstt. Professor	Electronics	3	NA

List of senior visiting faculty: NIL

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA
12. Student – Teacher Ratio (programme wise):

CLASS	RATIO
B.Sc. Part -I	44:1
B.Sc. Part - II	52:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled**:**

Designation	No. of Post Sanctioned	Filled
Lab Assistant	1	1
Lab Attendant	1	1

14.   Qualification of Teaching faculty

	Qualification				
	D.Sc.	**D.Litt.**	**Ph.D.**	**M.Phil.**	**PG**
No. of Faculty	-	-		01	01

15.   Number of Faculty with ongoing projects from a) National b) International funding agencies and grants received**:**   NA
16.   Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received**:**   NA
17.   Research Centre/Facility recognized by the University**:**   NA
18.   Publications :   NA
19.   Areas of consultancy and income generated: NA
20.   Faculty as members in :   NA
    b)   National committees   b)   International committees
    c)   Editorial board:
21.   Student Projects
    c)   Percentage of students who have done in-house projects including inter departmental/programme: NA
    d)   Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/Other agencies: NA
22.   Awards / Recognitions received by faculty and students -   NA
23.   List of eminent academicians and scientists / visitors to the department :   NA
24.   Seminars/Conferences/Workshops organized & source of funding
    National: /International: NA
25.   Student profile programme/course wise -   NA
26.   Diversity of Students :   NA
27.   How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defence services, etc. ?: DATA NOT AVAILABLE
28.   Student progression: NA
29.   Details of Infrastructural Facilities:
    e)   Library: No of books on Physics –486
    f)   Internet facilities for Staff & Students- Available
    g)   Class rooms with ICT facilities: Yes
    h)   Laboratories: Yes (Two well equipped spacious labs with dark rooms)
31.   No. of students receiving financial assistance from college, university, government or other agencies: NA
32.   Detail of student enrichment programmes (special lectures / workshops/ seminars with external experts: NA
33.   Teaching methods adopted to improve student learning
    a)   Class tests /Assignments/Explanatory notes given to students
    b)   Audio visual aids used
34.   Participation in Institutional Social Responsibility (ISR) and Extension activities: NA
35.   SWOC analysis of the department and Future plans:

SWOC Analysis:

Strength
- Well qualified innovative, futuristic and dedicated faculty.
- Well equipped Laboratory.
- Self sufficient Library with good collections of reference books.

Weakness
- Subsidiary status of the Department.

Opportunities
- Motivate and help students to develop interest and study skills to go beyond routine text book

Challenge
- Maintaining adequate teacher student ratio
- Adaptibility with new environment and changing demands in the field of Physical Sciences.
- Overall upgradation of learning atmosphere through enhanced interaction of University and College teachers.

Future Plans:
- More laboratories with equipments can be set up to extend and upgrade the facility of teaching as well as learning.
- Allied and short term courses can be introduced.
- Seminars and workshops (National as well as International) may be convened and arranged with eminent academicians.

Department of Zoology

1. Name of the department - Zoology
2. Year of Establishment   - 2006-09
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)   - UG
4. Names of Interdisciplinary courses and the departments/units involved -   NA
5. Annual/ semester/choice based credit system (programme wise) - Annual
6. Participation of the department in the courses offered by other department - Add On Course in Computer Application, Short term course (DCA) in basic computer learning.
7. Courses in collaboration with other universities industries, foreign institutions etc-   NA
8. Details of courses/programmes discontinued (if any) with reasons -   NA
9. Number of Teaching posts

	Sanctioned	Filled
Professors	___	___
Associate Professors	___	___
Asst. Professors	4	4

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Emma Rani Seraphim	Ph.D, M.Sc.	Asst. Professor Head	Cytology	10	1
Dr. Anjali Smita	Ph.D, M.Sc	Asst. Professor	Entomology	8	-
Dr Veenapani	Ph.D M.Sc	Asst. Professor	Ecology	8	-
Dr. Manisha kumari	Ph.D M.Sc	Asst. Professor	Fisheries	6	-

11. List of senior visiting faculty -   NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty -   NA

13. Student -Teacher Ratio (programme wise) (2013-2014)

B.Sc. (Hons.)	17:1
B.Sc. (Subs.)	5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Lab Technician	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	P.G
No of Faculty			04		

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Name	Title of UGC Minor Projects	Approval No.	Grant Received
Dr. Emma Rani Seraphim	Impact of phytoestrogen on endocrine glands of albino rats.	F.PSJ-003/08-09 (ERO)	96,300/-
Dr. Anjali Smita	A study on the effect of an artificial sweetener (Aspartame) on some serum-biochemical variables and histological alterations in diabetic and non-diabetic wistar rats.	F.PSJ-006/12-13(ERO)	1,64,123/-
Dr. Veenapani	Ameliorating effect of Silicon Dioxide and Calcium Ions on a freshwater fish, *Channa punctatus* (Bloch) under Acid and Acid with Metal Stress.	F.PSJ-22/11-12(ERO)	1,78,000/-
Dr. Manisha Kumari	Evaluation of Arsenic Toxicity in some biochemical parameters in rabbit and its recovery potential by extract of aloevera.	F.PSJ-010/11-12(ERO)	1,39,500/-
		TOTAL =	**4,17,723/-**

18. Research Centre /facility recognized by the University -   NA

19. Publications:
    * a) Publication per faculty
    * Number of papers published in peer reviewed journals (national /international) by faculty and students

Name	Paper published
Dr. Emma R. Seraphim	1. Endocrine interaction during different phases of the female reproductive cycle in Hipposideros lankadiva(Kelaart): The Bioscan 4(1):143-148:2009, ISSN: 0973-7049 2. Ultra structural study of pituitary gland during different phases of the femalereproductive cycle in Hipposideros lankadiva(Kelaart):The Bioscan 4(3):465-470,2009,ISSN: 0973-7049 3. Impact of phytoestrogens on endocrine glands of albino rats I.Pituitary:The Bioscan 5(1):59-61,2010, ISSN: 0973-7049 4. Impact of phytoestrogens on endocrine glands of albino rats II.Adrenal:The Bioscan 5(1):63-66,2010, ISSN: 0973-7049 5. Histological changes in the thyroid gland during the female reproductive cycle in Hipposideros lankadiva (Kelaart):Asian J. Exp.Sci, vol.27.no .1, 2013,1-4,ISSN: 0971-5444. 6. Ultrastructure of thyroid gland in Hipposiderid Bat Hipposideros lankadiva(Kellart).Proc Zool Soc(2015)68:172-177.ISSN: 0373-5893
Dr. Anjali Smita	1. Abundance of some aquatic hemipterans and coleopterans of tropical fish pond of Ranchi.Biospectra:vol.2(1),Mar.2007,pp 51-54 ISSN 0973-7057 2. Toxicokinetics and bioaccumulation of copper and lead in Chironomus SP.(Diptera : Chironomidae)at different temperature under laboratory condition .Bioscan .Sp.Issue vol 2:313-321:2010,ISSN : 0973-7049 3. Effect of lead toxicity with temperature variation and the associated histological alterations in respiratory tissues of dragon fly nymphs(Anisoptera):Biospectra: vol.5(2), 2010(sp.issue)pp.175-182.ISSN 0973-7057 4. Effect of copper sulphate on the respiratory tissues of dragon fly nymphs (Anisoptera) at variable temperatures. Bioscan 5(3), 2010;517-521.ISSN 0973-7049 5. The pool of coccinelids (coleoptera:coccinelidae)in a mixed vegetable garden of Ranchi Women's College:The Ecoscan,Vol 1, pp21-26,2012 ISSN : 0974-0376 6. Uptake of lead and copper in dragonfly nymph at different temperatures and the associated respiratory tissue deformation The Ecoscan,Vol 1, pp 197-202,2012 ISSN : 0974-0376 7. Nephrotoxicity induced by pan masala in Swiss mice and its protection by Elletaria cardamomum(L) Maton.IJBPS/vol 3/Issue 1/Jan-Mar/2013/231-238 ISSN 2230-7605

	8. Differential effects of alloxan on different blood parameters in diabetec induced male Wistar rats.Int J Pharm Bio Sci,2015 April;6(2): (B)161-169.ISSN:0975-6299 9. Prospects of biofuels in India as source of bioenergy and its role in mitigation of carbon dioxide. IJEK,vol 3,no.1,2016.ISSN:2394-1669
Mrs. Veenapani	1. Community Structure of benthic malacofauna in a freshwater lake at Ranchi. Biospectra, vol. 1 (1), 2006,pp.77-86.ISSN:0973-7057 2. Surface Ultrastructural changes in the gills of an Indian stenohaline catfish, *Clarias batrachus* (LINN) under acute acid and aluminium stess, The Ecoscan 3 (3&4),2009, pp.221-226. ISSN:0974-0376 3. A scanning Electron Microscopic Study of the Gills of an Euryhaline Teleost, *Setipinna Phasa* Hamilton, The Bioscan, 4(3), 2009,pp. 471-474.ISSN:0973-7049 4. An Ameliorating effect of Calcium in Aluminium Toxicity in Gills of *Channa punctatus*(Bloch),The Ecoscan: Special issue,1,2012,pp. 457-463.ISSN:0974-0376 5. Recovery in Acid Aluminium Induced Toxicity in Gills with Silicon Dioxide in *Channa punctatus*(Bloch), Asian J.Exp.Sci.,27(1),2013,pp. 9-17. ISSN:0971-5444 6. Recovery with silicon dioxide in blood parameters in fresh water fish *Channa punctatus* (Bloch) in aluminium toxicity under acidic conditions.(Accepted).
Dr. Manisha Kumari	1. An Ameliorating effect of Calcium in Aluminium Toxicity in Gills of *Channa punctatus* (Bloch),The Ecoscan: Special issue,1,2012,pp. 457-463. ISSN:0974-0376 2. Primary and Secondary Stress Response of *Channa punctatus* to sublethal aluminium toxicity, Journal of Applied Sciences in Environmental Sanitation: 7(2), 2012, pp. 125-130, ISSN:0126-2807. 3. Impacts of Arsenic trioxide in some Renal parameters in *Oryctolagus cuniculus*.The Biobrio,vol 2 number 1&2:2015.ISSN:2393-9508 4. Impact of Arsenic trioxide on selected liver enzymes in *Oryctolagus cuniculus*. Biospectra,vol 10(2),sept 2015.ISSN: 0973-7057 5. Prospects of biofuels in India as source of bioenergy and its role in mitigation of carbon dioxide. IJEK,vol 3,no.1,2016.ISSN:2394-1669

20.   Areas of consultancy and income generated -   NA
21.   Faculty as members in
    a)   National committees   b)   International Committees

c)   Editorial Boards -   NA
22.   Student projects
    a)   Percentage of students who have done in-house projects including inter departmental / programme 100% (B.Sc. III) have done in-house projects
    b)   Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies   -   NA
23.   Awards/ Recognitions received by Faculty and students.

Name (Faculty)	Awards
Dr. Emma Rani Seraphim	Best paper presentation award by "National environmentalist association" in the 11th National Conference on 16th December 2009 in Aurangabad.
Dr. Anjali Smita	Young Scientist Awared 2009 and Best Oral presentation in 2nd International Conference on Bio wealth management for sustainable livelihood organized by MSET-ICCB trust Best research paper award 2010by ICCB-MSET
Dr. Veenapani	Prof. Ashok Sinha Memorial Award for Best Young Research Scholar Award in 3rd National Conference 11th & 12th December 2012, organised by Dept. of Zoology,S.S.Memorial College, Ranchi, Jharkhand.

Awards received by students
    1)   Tanushree Mahapatra received Best graduate award in 2010 from Ranchi university.
    2)   Manika Ekka won CMAI National Jharkhand Education Award 2014 in Debate.
24.   List of eminent academicians and scientists / visitors to the department

1.	Prof. N.S.Sen an eminent Professor from Department of Zoology, Ranchi university, Ranchi.(2008,2011)
2.	Dr.B.K.Sinha, Associate Professor from Zoology department of S.S. Memorial College, Ranchi university, Ranchi.(2012)
3.	Dr. Gautam Aditya, Associate Professor from Zoology department, Jadhavpur university.(2014)

25.   Seminars/ Conferences/Workshops organized & the source of funding -   NA
    a)   National
    b)   International
26.   Student profile programme/course wise: 2015 - 2016

Name of the course/programme	Applications received	Selected	Enrolled	Pass Percentage
B,Sc.I(Hons)	75	65	54	76.4%
B.Sc.II(Hons)	NA	38	41	100%
B.Sc.III(Hons)	NA	28	28	82.1%

27.   Diversity of Students

Name of the Course	Year	% of students from the same state	% of students from other States	% of students from abroad
B.Sc.(Hons.)	2015-2016	93.19%	6.81%	Nil

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
   Our students are working in agricultural(2), banking(4), health(1) and management sectors(4).
29.   Student progression -   NA
30.   Details of Infrastructural facilities
   a)   Library
         Departmental Library (80 books) & Central Library (152books)
   b)   Internet facilities for Staff & Students-Wi- Fi facility is available for students and faculties to avail informations regarding projects, seminars, workshops and research
   c)   Class rooms with ICT facility
         Desktop- 2, Laptop-1, LCD Projector-2, Overhead Projector-1, Screen – 2, Speaker-1, Pendrives- 2.
   d)   Laboratories- 2, Apparatus – Incubator (2), Centrifuge (4), Vortex Mixer (1), Colorimeter (2), Monopan Balance (3), Microtome (2), Micropipette (3), Soxhalate (1), Hemocytometer (2), Hemometer (4) Inbuilt light microscope (3), TLC Kit (1), Tissue Homogeniser (1).
31.   Number of students receiving financial assistance from college, university, government or other agencies – SC, ST, OBC, Minority students are receiving Scholarship from the state government and UGC.
32.   Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   1.   Seminars Organized By Zoological Association, Nirmala College Ranchi

Year	Seminar Topic	External Experts
2011	Economic Benefits of Insect	Prof.N.S.Sen
2012	Application of project work	Dr. B.K.Sinha
2013	Work shop on Chromatography & Microscopy	Dr.B.K.Sinha & Dr.Gautam Aditya
2014	Cellular and physiological alteration in cancer and its diagnostic treatment	Dr.B.K Sinha Dr.Suman Dubey
2016	Health Camp on Blood group detection and blood pressure	Dr. Priyanka Kumari

33. Teaching methods adopted to improve student learning Lecture-cum-demonstration method, Remedial classes, Assignments, Monthly assessment tests, Interactive sessions, one to one teaching methods for laboratory works and PPT presentations.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Event	Place	Activities
Camp	Nirmala College Ranchi	Blood group detection(2013)
Camp	Nirmala College Ranchi	Blood group & blood pressure detection(2016),First Aid Information and management

35. SWOC analysis of the department and Future plans

Strength
- Advance and innovative teaching methods
- Well equipped lab for research and project work
- Amicable environment in department.

Weakness
- Most of the students come from Hindi medium background so they feel difficulty in learning the lessons.

Opportunity

- Creating awareness and research aptitude among students through extension activities like Camps, Workshops, Seminars, and Educational tours so that the students can prepare themselves for higher studies.
- Students are encouraged to participate in extra-curricular activities according to the skills pertaining to their Personality development.

Challenge
- We impart knowledge and inculcate good values among students so that they can serve in the field of teaching as well as research for country and contribute in social welfare.

Future plans
- With well furnished lab, ICT facility and Good faculty we wish to start Post- Graduation course. This would be a real benefit to our students.
- Plan to organize National Seminars in near future.

Department of Commerce

1. Name of the department: Commerce

2. Year of establishment: 2014

1. Name of Programmes/Courses offered (UG, PG, MPhil, Ph.D, Integrated Masters, Integrated Ph.D): UG
2. Names of Interdisciplinary courses and departments/units involved: NA
3. Annual/semester/choice based credit system (programme wise) :   Annual
4. Participation of the department in courses offered by other departments : Add-on
5. Courses in collaboration with other universities, industries, foreign institutions, etc: NA
6. Details of courses/programmes discontinued (if any) with reasons: NA
7. Number of teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	Applied	

10. 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 in the last 4 years
Mrs. Sunita Chitlangia	M.Com,	Asst. Professor	International Business Operation	4yrs	
Miss Lily Jyoti Kujur	M.Com	Asst. Professor	Finance	-	
Mrs.Pallavi Mishra	M.Com	Asst. Professor	Finance	-	

Mr Chakshu Pathak	M.Com	Asst. Professor	Human Resource Management	-	

11. List of senior visiting faculty: Dr. Rabindra Kumar (Assistant Professor, Yogda Satsang Mahavidhyalaya, Ranchi University). Dr. Jay Prakash Verma(Assistant Professor, central University of Jharkhand)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty. 100 %

13. Student-Teacher Ratio (programme wise)

B.Com (Hons) ,Part-I	56:1
B.Com (Hons) ,Part-II	48:1
B.Com (Hons) ,Part-III	38:1

14. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Administrative staff   -   Dr Afrinul Haque Khan (Co-ordinator)

15. Qualification of teaching faculty with D.Sc/D.Litt/Ph.D/M.Phil/P.G

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	P.G
No of Faculty					4

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received

18. Research centre/facility recognized by the University :   NA

19. Publications:

Name of faculty	Publications in books/journals
Mrs. Sunita Chitlangia	1. "Online Shopping in India- Its bottlenecks and its panacea", Steward Business Review, ISSN no. 2320-9399. June-July 2013. 2. Competitive Pressure and Customer Satisfaction inIndian Jute Industry-Its Boon or Bane, Steward Business Review, ISSN no. 2320-9399. Dec2013-Jan 2014. 3. An Account of Entrepreneurial development in India- Its challenge and Opportunities, IX International Conference on Finance and Business Management,(ICFBM-14)11-12 july 2014. 4. Modern and Innovative Practices in Higher Education,NAAC National Workshop on "Enchancing quality on Higher Education,30th April-1st May 2016.

20.   Areas of consultancy and income generated: NA

21.   Faculty members as in : National Committees, International Committee, Editorial Board

Mrs. Sunita Chitlangia	Life member of 1. International Referred Journal Steward Business Review. 2. All India Commerce Association.

22.   Student projects:

   a) Percentage of students who have done in house projects including inter departmental programme: All B.Com Part III students complete in house projects as part fulfillment of their curriculum.
   b) Students with Add-on Computer Application have done in house projects.
       Percentage of students placed for projects in organizations outside the institution i.e in research laboratories/ Industry/ other agencies :   NA

23.   Awards/ Recognitions received by faculty and students   NA

24.   List of eminent academicians and scientist/Visitors to the department.   NA

25.   Seminars/Conference/Workshops organised and source of funding: NA

26.   Student profile programme/course wise: 2015-16

Name of the course/programme	Applications received	Selected	Enrolled	Pass Percentage
B.Com I(Hons)	230	230	193	97%
B.Com II(Hons)	NA	203	153	98%
B.Com III(Hons)	NA	180	167	To appear

27. Diversity of students

Name of the course	% of students from same state	% of students from other states	% of students from abroad
B.ComI(Hons)	99	1	-
B.ComII(Hons)	100	-	-
B.ComIII(Hons)	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET,GATE,Civil services, Defense Services etc? NA

29. Student Progression NA

30. Details of infrastructural facilities:

    a) Library: Sufficient books available for students
    b) Internet facilities for Staff & Students – Wi-fi and internet facility recently installed
    c) Class rooms with ICT facility

31. Number of students receiving financial assistance from college, university, Government or other agencies. NA

32. Details of student enrichment programme (special lectures/ workshops/Seminar) with external experts:

    Dr. Rabindra Kumar (Yogda Satsang Mahavidhyalaya, Ranchi University.

33. Teaching methods adopted to improve student learning.

    a) Proper classroom guidance
    b) Proper counseling
    c) Personal guidance outside the classroom whenever required
    d) Use of audio visual aid- power point presentation, slide shows

    e) Regular tutorials, quizzes and group discussion.

34. Participation in Institutional Social Responsibility and extension activities: NA

35. SWOC analysis of the department and future plans
    Strength   - Proper classroom lectures and practical works.
    Weakness   - Lack of research activities in the field of Trade and Commerce.
    Oppurtunity – To introduce job oriented courses and skill development courses and self employed courses.
    Challenges – To check dropouts during graduation .

Future Plans:

1. To expand the department and organize exhibitions and workshops.
2. To reduce drop out to minimum by creating awareness.

Department Computer Application

1. Name of the Department: Computer Application
2. Year of establishment: 1995-1996 (B.A./B.Sc (Honours)
3. Name of Programmes/Courses offered (UG, PG, M Phil, Ph. D, Integrated Masters, Integrated Ph.D) : UG
4. Names of Interdisciplinary courses and departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise) : Annual
6. Participation of department in courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc:

   Collaboration with Advanced Regional Telecom Training Centre (ARTTC), BSNL (A Govt. of India Enterprise), Ranchi.

S.No	DATE	SEMESTER/YEAR	TRAINING COURSE
1.	11/01/2016 TO 12/02/2016	PART-2	DCN
2.	12/08/2016 TO 31/08/16	PART-2	ASP.NET

8. Details of courses/ programmers discontinued (if any) with reasons: NA

9. Number of teaching posts: NA
10. Faculty profile with name, qualification, designation, specialization. (D.Sc/D.Litt/Ph.D/M.Phil.etc) :   NA
11. List of senior visiting faculty:

Name	Qualification	Designation	Specialization	Years of Experience
Prof Dr.M. H. Ansari	PG Diploma in "Social Service", M.Com, MBA, Diploma in Mass Comm, Ph.D	Professor, XISS, Ranchi (Guest Faculty)	Communication for Development, Edu. programe for community, Rural Banking & Micro Finance, Organization Development & Rural Entrepreneurship, Development.	21
Binod Kumar	MCA, M .Tech.	Guest Faculty	**C,C++, JAVA** Language Programming, Data Structure, Numerical analysis and Problem solving,system lanuage and Automata theory .	10
Ritesh	MCA, M. Tech.	Guest Faculty	C,C++,ASP.NET,Data	8

Kumar			Structure	
Sonali Sinha	MCA (B.I.T. Mesra)	Faculty cum Lab- in-charge	C,C++,DBMS,OS, P.O.M, FOXpro, Networking,V.B, Oracle, AI ,UNIX&S.A.D	7
Biresh Kumar	MCA	Guest Faculty	C++,SQL,V.B,Java & O.S	2

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 80% Theory & 20% Practical.
13. Student-Teacher Ratio (programme wise)

BA /B.Sc (Hons)	26:1

14. Number of academic support staff(technical) and administrative staff: sanctioned and filled:

    Academic support staff (technical) -   Mrs. Sonali Sinha (Technical)
    Administrative staff   -   Dr. Rashmi Mala Sahu (Co-ordinator)

15. Qualification of teaching faculty with D.Sc/D.Litt/Ph.D/M.Phil/P.G

	Qualification				
	D.Sc	D.Litt	Ph.D	M.Phil	P.G
No of Faculty			01		01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NA
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received :
        NA
18. Research centre/facility recognized by the University :   NA
19. Publications:

Name of faculty	Publications in books/journals
1. Prof. M.H.Ansari	1. Authored a book on the title "Bank Financing and Agriculture Development" (Has it Benefitted the Marginalized) in November 2005. 2. "Agriculture Credit and Commercial Banks": Case from Jharkhand, published in the Jharkhand Journal of Development and Management Studies, XISS, Ranchi, Volume 1, No. 2, January - March 2003. 3. "Problems and Strategies of People Centered NGOs in Development", published in the Jharkhand Journal of Development and Management Studies, XISS, Ranchi, Volume 2, No. 1, January - March 2004. 4. "Performance of Banks in Promotion of Small Scale Industries in Jharkhand": A Case of Dhanbad District in Jharkhand, Volume 3, No.4, October – December 2005.

| 2. Ritesh Kumar | 1. A Comprehensive analysis of Six software engineering models and its impact on project management, 2012, ISBN: 979-93-81583-46, page No-1550 by National Conference on "Emerging challenges for sustainable business" at IIT ROORKEE. |
| | 2. AK-Annonimity Model, 2012, ISBN NO: 93-80813-18-x, page No 184,by National conference on "Computing and system". |

20. Areas of consultancy and income generated: NA
21. Faculty members as in : National Committees, International Committee, Editorial Board
22. Student projects:

a) Percentage of students who have done in house projects including inter departmental

   programme: 100% (BA/B.Sc-III)

b) Percentage of students placed for projects in organizations outside the institution i.e in

   research laboratories/ Industry/ other agencies : 100% (BA/B.Sc –III)

23. Awards/ Recognitions received by faculty and students:

FACULTY:
a) Binod Kumar- Best teacher award in the Department of Computer Science and Engineering at C.I.T, Ranchi.
b) Sonali Sinha –Received certificate of Faculty Co-ordination at Jharkhand Rai University on 12/03/2016.

24. List of eminent academicians and scientist/Visitors to the department.

Year	Eminent personalities
2009	Mr.Mursalin Ansari- BIT MESRA & Mr. Javed Shahid, IPMCS-Ranchi
2010	Miss Swagata Ghosh,P.G.Deptt of (B.C.A./M.C.A) Ranchi University&Shekh Hasan
2011	Swatantra Kumar Madhur&Ibha Sinha (MBA- Sikkim Manipal University)
2012	Anupama Verma, ISM, Pundag & Ritushree Narain, Deptt of C.A.J.N. College, Ranchi
2013	Meena Sahay, Ranchi Women's College & Prakash Kumar, Marwari College, Ranchi
2014	Dr.Vandana Bhattacharya, Dept.of Computer Engineering, BIT, Lalpur & Rima Banaik,Senior Group Leader, NIIT, Ranchi
2015	Mrs.Dolly Kumari, Ranchi Women's College & Mr.S.N.Prasad, St.Xaviers,Ranchi

	Mrs.Archana Kumari & Mrs.Anjana Prasad, Marwari College, Ranchi.
2016	

25. Seminars/Conference/Workshops organized and source of funding:NA
26. Student profile programme/course wise: 2015-2016

Name of the course/programme	Applications received	Selected	Enrolled	Pass Percentage
BA/B.Sc I(Hons)	47	44	51	76%
BA/B.SC/II(Hons)	NA	55	28	100%
BA/B.Sc III(Hons)	NA	52	30	100%

27. Diversity of students

Name of the course	% of students from same state	% of students from other states	% of students from abroad
B.A-I(Hons)	95	5	--
B.A-II(Hons)	96	4	--
B.A-III(Hons)	98	2	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, defense Services etc? NA
29. Student Progression : NA
30. Details of infrastructural facilities:
   a) Library: There are more than 757 books on Computer Science in the Central library of the College.
   b) Internet facilities for staff and students: The College is connected through wi -fi. There are 32 desktops in the Deptt. Students and staff can access the internet easily.
   c) Classrooms with ICT Facility: LAN connection with 12 ports. Wi-Fi network, Guardian Anti Virus, Windows XP, Processor-PIV- Intel Pentium(R), Dual Core, CPU E2180 with 2:00 GHz, Internal RAM 1 GB and 32 bit processor,TFT monitor with optical mouse and 3 UPS 0f 600 VA with Internal Battery (on-line-UPS), With 2- Air-Conditioners .a) Desktops: 32 b) Printer:01c) Blackboard:01d) Wall Magazine:01 e)Whiteboard:01(i) Software: MS-office, programming languages like, C, C++, JAVA, Visual studio, Data Base software- Oracle, Sql+, Internet browsers, DTP packages .

31. Number of students receiving financial assistance from college, university, Government or other agencies : ST/SC/OBC & Minority Students Receive free scholarship from State Government.

Course	College (Exempted fees)	University	Govt/other agency
B.A/B.Sc I	7		
B.A/B.Sc II	14		
B.A/B.Sc III	21		

32. Details of student enrichment programme (special lectures/ workshops/Seminar) with external experts:

Year	Topic of Seminar	Eminent personalities
2009	Robotics	Mr.Mursalin Ansari (BIT MESRA) & Mr. Javed Shahid
2010	Animation in IT	Miss Swagata Ghosh,P.G.Deptt of (B.C.A./M.C.A) Ranchi University & Shekh Hasan
2011	Artificial Intelligence	Swatantra Kumar Madhur&Ibha Sinha (MBA- Sikkim Manipal University)
2012	Internet after 10 years	Anupama Verma, ISM, Pundag & Ritushree Narain, B.C.A.J.N.College, Ranchi
2013	4-G Technology	Meena Sahay, Ranchi Women's College & Prakash Kumar, Marwari College, Ranchi
2014	Smart Technology	Dr.Vandana Bhattacharya, Deptt. of Computer Engineering, BIT, Lalpur & Rima Banaik, Senior Group Leader, NIIT, Ranchi
2015	Cloud Computing	Mrs.Dolly Kumari, Ranchi Women's College & Mr.S.N.Prasad,St.Xaviers,Ranchi
2016	Cyber Security	Mrs.Archana Kumari & Mrs.Anjana Prasad, Marwari College, Ranchi.
2016	Cyber Crime	Mr.Niranjan Kushwaha, NSL COMP

33. Teaching methods adopted to improve student learning:
   a) Lectures, discussions, interactive sessions and practical demonstrations.
   b) Use of audio visual aid- power point presentation, slide shows
   c) Regular tutorials and quizzes, assignments, remedial classes for weak and poor students
   d) Assignments given to students individually or in groups followed by power point presentation /exhibits/working models.
34. Participation in Institutional Social Responsibility and extension activities : NA
35. SWOC analysis of the department &Future Plan
   Strength
   • Well equipped classrooms
   • Well qualified & experienced visiting faculty members

- Regular classes and timely completion of syllabus.
- Regular conduct of student enrichment programmes

Weakness
- Needs for Stand –Alone System.
- Need for Upgraded software

Opportunities
- Increasing societal mobility and networking with other colleges for organizing seminars, quiz and workshops.
- Encouraging students to take up independent projects outside the syllabus.
- Organising Educational tour visits to IT offices/companies for first hand experience.

Challenges
- Encouraging students to pursue M.C.A /M.B.A through career counseling and guidance.
- Improving soft skills of students through student enrichment programmes
- Promoting e-learning and smart classes in totality.

Future plans
- To organize more National / International Seminar / Workshops incollaboration with private / public sector organization
- To introduce M.C.A course.

Department of IT

1. Name of the department - Information Technology
2. Year of Establishment - 2009-10
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) - UG
4. Names of Interdisciplinary courses and the departments/units involved –   NA
5. Annual/ semester/choice based credit system (programme wise) - Annual
6. Participation of the department in the courses offered by other departments -   NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. –   NA
8. Details of courses/programmes discontinued (if any) with reasons –   NA
9. Number of Teaching posts -   NA
10. 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
Mrs. Doel Kar	M.sc(IT,MBA (HR)(SMU)	Guest faculty	IT	13 years
Mrs. Sonali Sinha	MCA	Guest faculty	C,C++,DBMS,OS,P.O.M, FOXpro,Networking,Oracle	6 years
Mrs. Hepsiba Grace	M.Sc (IT)	Guest faculty	IT	3 years
Prof. Dr. M.H Ansari	PG diploma in "Social Sevice",M.com,MBA,Diploma in Mass comm.,Ph.D	Guest faculty	Comminication for Development ,Edu Programme for community,Rural Banking& micro Finance,Organization Development & Rural Entrepreneurship Development	21 years
Binod Kumar	MCA,M.Tech	Guest faculty	C,C++,JAVALanguage Programming,Data Structure,Numerical Analysisand Problem Solving,System Language and automation Theory	10
Ritesh Kumar	MCA,M.Tech	Guest faculty		8

Asit Kr Mohapatra	PGDCA,MCA,M.P-hil	Guest faculty	Comp Science and IT	12

11. List of senior visiting faculty –   NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty-   NA
13. Student -Teacher Ratio (programme wise)

BA /B.Sc (Hons)	10:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:-
    Academic support staff (technical)-   Ms. Swati Sinha(MCA,Specialisation :
    C, C++, JAVA, HTML, Operating System), Experience-8 years
    Administrative staff   -   Dr. (Mrs.) Anjali Smita
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.- PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received –   NA
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received-   NA
18. Research Centre /facility recognized by the University -   NA
19. Publications:-   NA
    a)   Publication per faculty
          *Number of papers published in peer reviewed journals (national / international) by faculty and students -   NA
20. Areas of consultancy and income generated-   NA
21. Faculty as members in -   NA
    a) National committees b) International Committees
    c) Editorial Boards….
22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme -   NA
    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies-all Students of Part-III (100%) placed for Project outside the institution
23. Awards / Recognitions received by faculty and students-
    1.   Neha Kumari of B.sc(IT) won first prize in "Paper writing contest" on "Utilizing ICT for improving literacy levels in Jharkhand", workshop organized by Ranchi University Department of Electronic &Information Technology and National e-governance Plan (NEGP) on 14th Dec, 2012"
    2.   Gayatri Kumari of B.sc (IT) got Gold medal for "Overall Best Graduate in Vocational course" on 25th Nov, 2013by "Ranchi University, Ranchi
    3.   Rahat Akhtar got through campus selection organized by Ranchi University on 6th December in EXL Services
    4.   Huma Azmi clicked the campus selection organized in St.Xavier's College on 17th March 2015 in "Tech Mahindra" at Kolkata as Software Developer.
    5.   "Firdous Anjum and Shaba Perween got selected in "IBM Daksh" through campus selection on 25th November 2015.

24. List of eminent academicians and scientists / visitors to the Department-
    1. Mr.D.S Verma, Programmer, Department of IT, Government of Jharkhand
    2. Mr Dharam Raj Kumar, Lecturer, J. N. College, Dhurwa, Ranchi
    3. Mr. Rahul Deo Shah, Department if IT & CA, Ranchi College,Ranchi
    4. Mr.Niranjan Kushwaha, Govt. of Jharkhand
25. Seminars/ Conferences/Workshops organized & the source of funding -   NA
    a) National   b) International -   NA
26. Student profile programme/course wise: 2015 – 2016

Name of the course/programme	Applications received	Selected	Enrolled	Pass percentage
BA/B.Sc I(Hons)	22	16	16	93.75%
BA/B.SC/II(Hons)	NA	16	16	100%
BA/B.Sc III(Hons)	NA	16	09	100%

27. Diversity of Students

Name of the course	% of students from same state	% of students from other state	% of students from abroad
Information Technology	99.9	0.1	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?–Data not available
29. Student progression-   NA
30. Details of Infrastructural facilities
    a) Library- The central Library of Nirmala College contains 278 Number of books of IT
    b) Internet facilities for Staff & Students- The College has Wi –Fi campus and provides broadband Internet facility in the Computer Laboratory for the students and staffs
    c) Class rooms with ICT facility-1 CRT and 24TFT Systems with 1HP Laser Jet Printer and 3 central online UPS,2 AC in the computer Laboratory
    d) Laboratories-One Separate Laboratory For IT students
31. Number of students receiving financial assistance from college, university, government or other agencies – SC, ST and minority students receive scholarship from state government and UGC.
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Seminars	Topic	Date	External Experts
Dept. of CA & IT	Artificial Intelligence	2nd Feb, 2011	Swatantra K. Madhur and Abha Sinha (SMU)
Dept of IT	Electronic Payment System	17th Jan, 2013	Mr. D. S. Verma (Prof) Dept Of IT, Govt. of Jharkhand

Dept of IT	Li-Fi Technology	9th Feb, 2014	Mr. Dharamraj Kumar Professor, Dept of CA J. N. College, Ranchi
Dept of IT	Geraphucal Information System & Remote Sensing	22nd Nov 2014	Mr. Rahul Deo Shah Deptt of CA and IT Ranchi College,Ranchi
Dept of IT	Digital India	19th Feb,2016	Mr.D.S Verma Senior programmer cum Scientist Deptt of IT and e-Governance,Govt. of Jharkhand

Workshop

A workshop was organized by Jharkhand Rai University in association with E-Cell IIT Kanpur that mainly dealt with "Hacking" from 11-12th March 2016.

Special Lecture

A special lecture was organised for Students of IT and BCA on the topic "Cyber Crime". The Resource person was Mr. Niranjan Kushwaha, Govt. of Jharkhand

33. Teaching methods adopted to improve student learning-
   - Systematic monitoring of performance of students through Interactive lectures,
   - Effective discussions,
   - Experimental learning,
   - Weekly Tests, Assignments
   - Advance teaching through Internet
   - Remedial classes
   - Teaching through PPT
   - Tutorials

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
   The students participate in all kinds of extra- curricular activities like debates, elocution, cultural programmes as well as Youth festivals and industrial job trainings. Students also participate in making projects and IT related electronic models.

35. SWOC analysis of the department and Future plans-
   Strength
   - Quality teaching and lectures
   - Well maintained computer lab
   - Technology advantages
   - Reputation of the college
   - Encouragement and counseling to every student personally by the faculty,
   - Short term training courses like the BSNL training program and Career counseling by RAI University

Weakness
- Lack of communicative skill in English as students come from rural background
- cost disadvantage as because being a vocational course it is costlier than other general stream courses

Opportunities
- New Technology aspects
- Good placement scope due to the well-designed curriculum and teaching methods
- On the job training in good institutes prepare them for better job opportunities
- New market services.

Challenges
- Creating awareness among more students regarding the benefits and future prospects of IT
- Making extra efforts for the slow learners to make them efficient learners by the end of their course
- Increased competition and economic slowdown leads to a lag in placements.

Future Plans:

We aspire to explore avenues for new initiatives to make the department more successful and provide more exposure to the students. The policies being followed in the department can be refined and redirected that would help the students to enhance their academic skills. Efforts can be made to make arrangements for campus selection in the college itself.

Department of FD

1. Name of the department - Fashion Designing
2. Year of establishment – 2010
3. Names of programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Intergrated Masters, Integrated Ph.D., etc.) – UG
4. Names of interdisciplinary courses and the departments/units involved –   NA
5. Annual/semester/choice based credit system(programme wise) – Annual
6. Participation of the department in the courses offered by other departments –   NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. –   NA
8. Details of courses/programmes discontinued(if any) with reasons –   NA
9. Number of Teaching posts   NA
10. 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
Uma Rani	B.Sc (FD), M. Com	Guest faculty		6	
Amrita Pritam	PGDFD	Guest faculty		4	

11. List of various faculty –   NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty – 100%
13. Student-Teacher Ratio (programme wise) – (2015 – 2016)

CLASS	RATIO
B.Sc. Hons.	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled –
    Academic support staff (technical)-Mrs. Bhanumati
    Administrative staff   -   Mrs. Meena Vohora
15. Qualifications of teaching faculty with D.Sc. / D.Litt./ Ph.D. / M.Phil. / PG -
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received –   NA
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received -   NA
18. Research Centre/facility recognized by the University –   NA
19. Publications: NA
20. Areas of consultancy and income generated –   NA

21. Faculty as member in
    a) National committees b) International Committees
    c) Editorial Boards – Not Applicable
22. Student Projects
    a) Percentage of students who have done in-houseprojects including inter departmental/programme – Every year students prepare projects on their subjects which is as follows

B.A. I	B.A. II	B.A. III
Fashion Theory	Textile Science	Garment Production Management and Garment Construction
Garment Construction	Garment construction	Sketching and Surface Ornamentation
Sketching	Sketching	On job training
Surface Ornamentation	Surface Ornamentation	EDP

   b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies – 100% (B.A. III)
23. Awards/Recognitions received by faculty and students – One of the faculty member got an award from Designer Next India.
24. List of eminent academicians and scientists/visitors to the department – Not Applicable
25. Seminars/Conferences/Workshops organized & the source of funding
    a) National   b) International –   NA
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled	Pass percentage
BA I	13	13	09	88%
BAII	NA	09	12	91%
BAIII	NA	12	10	100%

27. Diversity of students-   NA
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil ervices, Defence services, etc..   NA
29. Student progression   NA
30. Details of Infrastructural facilities
    d) Library – Sufficient books available for students
    e) Internet facilities for Staff & Students – Wi-fi and internet facility recently installed
    f) Class rooms with ICT facility
    g) Laboratories – Proper Labs available for practical works
31. Number of students receiving financial assistance from college, university, government or other agencies

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts – Workshops organized by external experts
33. Teaching methods adopted to improve student learning –
    a) Proper classroom guidance
    b) Proper counseling
    c) Personal guidance outside the classroom whenever required
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NIL
35. SWOC analysis of the department and Future plans –
    Strength   - Proper classroom lectures and practical works
    Weakness   - Lack of awareness regarding the subject
    Oppurtunity – Good opportunity to become an entrepreneur and work in other industries
    Challenges - To make students aware of the importance of the subject.

    Future plans: To expand the department and organize exhibitions and workshops.

4. Presentation of Best Practices

<p align="center">Best Practice 1.</p>

Topic

Rain Water harvesting

Goal

The lush green campus of Nirmala college testify that the college believes in sustainable development, in complete harmony with nature. In keeping with its eco friendly efforts, the college adopted rain water harvesting as one of its best practices. The objective of rain water harvesting is to recharge the ground water aquifers and raise water table, so that the topsoil is moist and water is available throughout the year in the deep bore wells of the college and its surrounding locality.

Context

Nirmala college is located in the capital of Jharkhand i.e. Ranchi. Once known for its natural beauty, Ranchi is fast turning into a concrete jungle with catastrophic impact on ground water table. The colonies near the college witnessed acute water crisis in the summer, with several deep bore wells running dry. Being socially conscious, the institution under took rain water harvesting to tide over the situation. The college with sprawling campus has large rain water catchment area, in the form of building terrace courtyard, paved and unpaved open ground. The rain water from the catchment area is utilized through water harvesting system of the college to recharge the groundwater aquifers.

Practice

10 recharge pits, 8 smaller with diameter 5 feet and depth 6 feet and 2 large pits with diameter 7 feet and depth 8 feet have been built in the premises of the college to harvest rain water. These pits have been constructed with brick masonry wall with deep holes at regular intervals. Pits top are covered due to safety measures. Bottom of the pits are filled with filter media i.e. sand and gravel. The catchment area includes the terrace of the college building and the paved and unpaved open ground. The rain water is collected from the roof top of the college building though down take water pipes. The drains collect run off surface water from the paved and unpaved open ground. Water is then diverted towards the recharge pits. Water accumulating in these pits percolates to augment the ground water. The rain water harvesting technique adopted by the college helps in recharging the aquifers, improves soil moisture and reduces soil erosion by minimizing runoff water.

Evidence of Success

Since the inception of rain water harvesting in the college, the campus has become greener as the moisture content of the soil has augmented. The deep bore wells of the college have water throughout the years and the rain water does not flood the roads and driveways of the college after heavy shower.

Problem Encountered and Resources Required

The college faced certain problems while constructing the rain water harvesting system which were effectively countered. The natural slopes of the paved and unpaved open ground had to be kept in mind before selecting the sites of the recharge pits. Slopes were developed artificially to divert rain water towards the drains. Since the college building was built long back, its take down water pipes had to be diverted towards the newly constructed recharge pits. These difficulties were overcome by suggestions given by an efficient team of professionals.

BEST PRACTICE – 2

Title of the Practice

Incinerators have been installed for ecofriendly disposal of Sanitary napkins.

Goal

In an attempt to promote cleanliness in the college and save environment, a sanitary napkins disposable machine/ incinerator was installed in the college. The initiative has been taken to endorse save disposal of used sanitary napkins and to encourage adolescent girls, women to adopt healthy lifestyle.

The Context

Nirmala College is a Minority Institution with all girl students and maximum of female faculties. As the sanitary napkins are non biodegradable, it has several hazardous impacts on environment. So to overcome these problems the college had taken initiative to protect the environment. The electric incinerators provide an environment friendly alternative for disposal as they convert each sanitary napkin into one milligram of sterilized ash. The conversion takes less than two minute for each napkin and the vessel can hold up to 50 napkins at a time. The machine uses half a unit of power an hour.

The Practice

The initiative has been taken by Junior Chamber International (JCI) under 'Suraksha Project', of installing the disposable machines which will be extended to Ranchi Women's College and Other institutions in the state capital in the coming days too. The disposable machines was inaugurated on Nirmala College premises in 2016 by JCI, National President, Rajshree Bhade in the presence of members of JCI, Principal , Vice- Principal, Faculty and students .College students appreciated the step of the college administration towards promoting healthy life style.

Evidence of Success

Students are frequently using it instead of trash bins. It will encourage girls for using sanitary pad as it is hygienic. Disposal problem is solved.

Problems Encountered and Resources Required

The institution proposes to set up Sanitary Napkin Vending machine to support PM's Swacch Bharat Abhiyan. Sufficient number of machines installed will help to maintain hygienic environment.

Contact Details

Name of the Principal	:	Dr. Sr. Jyoti Kispotta
Name of the Institution	:	Nirmala College, Doranda
City	:	Ranchi
Pin Code	:	834002
Accredited Status	:	'B'
Work Phone	:	0651-2410082, 0651 - 2412963
Website	:	www.nirmalacollegeranchi.com

5. Post Accreditation Initiatives

Nirmala College Ranchi, a Christian Minority Institution established in August 1969 by the Sisters of Charity of Jesus and Mary is a premier institute of Jharkhand in the field of higher education. The College is affiliated to Ranchi University and is devoted towards educating women of Jharkhand. The College has been awarded with CPE status by the UGC on 22.07.2016, to acknowledge and enhance its contribution in imparting quality education to females, especially tribals. Nirmala College strives to offer students a milieu conducive for all round development making them intellectually competent, morally sound, psychologically whole and imbued with the sense of the Divine so as to help them become capable and responsible citizens.

With regards to quality sustenance the College has made immense progress in the last four years. Enrichment, innovation and extension of academic frontiers were the main focus of post accreditation period. The College ensured continuous progress by improving and empowering the faculty at all levels. The desire for excellence motivated each one of them to give their best. The post accreditation initiatives taken by the College for quality development, enhancement and sustenance are as follows:

1. Curricular Aspects :

The College has taken special initiative to enhance the quality of students and teachers. Facuty enrichment programmes and student orientation programmes are held at the beginning of each academic session to initiate the curriculum and enhance latest skills amongst the faculty.
Seven HODs as Members, BOS contributed to the framing of the syllabus for the CBCS courses by Ranchi University in their respective departments.
The College has developed a mechanism of collecting informal feedback from the major stakeholder i.e. Parents during parent-teachers meetings. Informal feedback is also collected from other stakeholders during the periodical IQAC meetings.

2. Teaching- Learning Evaluation :

The college has developed online admission system as well as payment of fees, keeping in mind the directives of the Prime Minister to move towards cashless economy. The college organizes Career-Counselling / Guidance sessions in collaboration with professional institutes to advise and facilitate higher educational and employment opportunities for students.

3. Research, Consultancy and Extension :

College has a Research Cell which encourages faculty to pursue research. While seven teachers have submitted final report of Minor Research Projects by the U.G.C., Seven more teachers have applied to RUSA for Major Research Projects. College has upgraded its library to facilitate active research. Automation and Installation of INFLIBNET facilities providing free access to more than six thousand e-journals and thirty lakhs e-books for student researchers and faculty members have promoted research in recent times. With the introduction of P.G.Courses, many of the faculty are actively involve in supervising research scholars. The College has come out with two ISBN publication in 2015 and 2016 which are compilation of lead papers presented at two National

Seminars conducted by the Department of Geography. The NSS, Alumni and Womens' Cell of the College are activily involved in extension activities. The Alumni visits a village regularly to provide education kit, toys, uniform, medicines to the underprivileged children of the school. Tree plantation of the Ashoka trees is also done by the Alumni periodically.

The college has taken special steps to initiate linkages with industry. Free computer training imparted to BCA and IT students by BSNL (Govt. of India Enterprises), Advanced Regional Telecom Training Centre (ARTTC), Ranchi everyyear. The college has collaboration with IIT Mumbai, STP (Spoken Tutorial program/project) through Ranchi University for free online software training program with the objective of 1. Skill focus for employment. 2. Academic focus for improving exam performance of the students.
A workshop was held at Ranchi College on 16th Agust 2016 which was attended by Mrs. Sonali Sinha, the official Co-ordinator for this program.

4. Infrastructure and Learning Resources :

The college has received infrastructural grant from RUSA and CPE. New classrooms have been constructed and the existing ones have being upgraded. Use of ICT in teaching has tremendously as at least 40% of the lectures are ICT supported.

5. Student Support and Progression :

The college takes special initiative to conduct incampus recruitment for students in various companies. Besides students are also sent to Ranchi University as part of recruitment initiative. Communication and computer skills of students are being enhanced through short term computer courses and also setting up of Language Lab.

6. Governance, Leadership and Management :

The college with help of IQAC conducts internal academic audits on regular basis. Analysis Report is submitted to the Principal.
External financial audit is also done regularly.
Most of the transaction are done through PFMS as per directives of GoI.
IQAC is the think tank of the college.It supports the management proactively. A number of innovative practices were suggested to the administration by the IQAC and subsequently implemented.

7. Innovation and Best Practices :

Post graduate students are encouraged to take up need based research within the campus and they have come up with positive research output.
Inview of water shortage within the city of Ranchi, the College has also initiated Rain water harvesting.
Incinerators have been installed for ecofriendly disposal of Sanitary napkins.
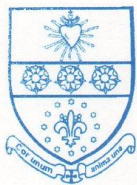
NIRMALA COLLEGE

Accredited by NAAC with 'B' Grade
A College with potential for excellence
Ranchi - 834002
(Affiliated to Ranchi University)

Website : www.nirmala collegeranchi.com
E-mail : nirmala_college@yahoo.co.in
: nirmala.college@rediffmail.com

Declaration by the Head of Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions and no part thereof has been outsourced .

I am aware that Peer Team will validate the information provided in this SSR during the Peer Team visit.

Date: 20.03.2017

Place: Ranchi, Jharkhand

Dr. Sr. Jyoti

Principal

NIRMALA COLLEGE
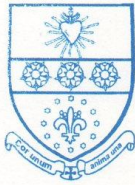
Accredited by NAAC with 'B' Grade
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(Affiliated to Ranchi University)
Website : www.nirmala collegeranchi.com
E-mail : nirmala_college@yahoo.co.in
: nirmala.college@rediffmail.com

Certificate of Compliance

(Affiliated and Recognized Institutions)

This is to certify that Nirmala College, Ranchi, Jharkhand fulfils all norms.

1. Stipulated by the affiliating University and/or

2. Regulatory Council Body (U.G.C.) and

3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted shall stand cancelled automatically, once the institution loses its University affiliation or recognition by the Regulatory Council, as the case may be.

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 also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 20.03.2017

Place: Ranchi, Jharkhand

Principal
Nirmala College
Ranchi

Dr. Sr. Jyoti

Principal

(Name and Signature with Office Seal)

भारत सरकार

राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग

GOVERNMENT OF INDIA
NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS

F. No. 1040 OF 2006/27876

प्रथम तल, जीवन तारा भवन, ५, संसद मार्ग
पटेल चौक, नई दिल्ली - ११०००१
1st Floor, Jeevan Tara Building, 5, Sansad Marg
Patel Chowk, New Delhi - 110001

Dated... **MAY 23, 2008**

ON CONSIDERATION OF THE DOCUMENTARY EVIDENCE PRODUCED BEFORE THE COMMISSION, THE COMMISSION IS SATISFIED THAT NIRMALA COLLEGE, P.O. HINOO, RANCHI, JHARKHAND, MANAGED BY THE INSTITUTE OF SISTERS OF CHARITY HINOO, RANCHI, EXCLUSIVELY IS A MINORITY EDUCATIONAL INSTITUTION WITHIN THE MEANING OF SECTION 2 (g) OF THE NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS ACT 2004. CONSEQUENTLY, IT IS HEREBY DECLARED THAT THE AFORESAID COLLEGE IS A MINORITY EDUCATIONAL INSTITUTION COVERED UNDER ARTICLE 30 OF THE CONSTITUTION OF INDIA.

GIVEN UNDER MY HAND AND THE SEAL OF THE COMMISSION.

ATTESTED
Principal
Nirmala College
Ranchi

(R.RENGANATH)
SECRETARY

सचिव/Secretary
राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग
NATIONAL COMMISSION FOR
MINORITY EDUCATIONAL INSTITUTIONS
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

University Grants Commission,
Bahadur Shah Zafar Marg,
New Delhi.

No.F. 65-40/70(SAI)

Dated: 8 NOV 1971

To

The Principal,

Nirmala College,

Hinoo (Ranchi).

Subject :- Grants to colleges for programmes of Students' Welfare : 1970-72.

Sir,

As you are aware, the University Grants Commission in 1968-69 had a programme to assist colleges under Section 2(f) of the UGC act with regard to "amenities" for students. The assistance to colleges during 1970-72 will be on the following basis :-

Student Enrolment (As in 1969-70)	Grants Admissible.
Below 500	Rs. 5000/-
500 to 999	Rs. 8000/-
1000 to 1499	Rs. 10000/-
1500 and above.	Rs. 12000/-

These grants may be utilised by the colleges for one or more of the following purpose subject to the conditions set forth in the annexure and the sharing basis as indicated below :-

Purpose	Share of the Commission
i) Improvement of existing hostel facilities with regard to kitchen (including equipment) dining room (including furniture), and student common room amenities.	100%
ii) Recreation facilities for student e.g. provision of Radios, Record Players, Indoor games etc.	100%
iii) Improvement of canteen facilities.	100%
iv) Improvement of sanitary facilities.	100%

v) Water cooler (only one). The share of the Commission will be limited to Rs. 3000/- or 50% of the actual expenditure whichever is less provided the college has not availed of grant from the UGC for the purchase of water cooler previously and a certificate to this effect from the Principal may be sent.

The college, if it so desires may suggest alternate projects of a similar nature

and implement them with the concurrence of the University Grants Commission.

contd.... 2/-

ATTESTED

Principal
Nirmala College
Ranchi

:   2   :

While deciding the priority in regard to the implementation of the programme,
it is suggested that the requirements in this regard may be determined in
consultation with Student representatives and teachers.

        The grant shall not be utilised for meeting any expenditure already
incurred by the college pior to the date of the sanction.

        If the above is acceptable to the college, approval of UGC is
conveyed for a grant of Rs. **5000/-** (or the actual expenditure which-
ever is less) for your college under the above mentioned programme of student
welfare. The sanction is further subject to the terms and conditions given
in (Annexure –I). The college is requested to utilise the grant within the
financial year 1970-72.
        I am further directed to convey the sanction of the Commission to the
payment of Rs **2500/-** (Rupees **Two thousand five hundred only**)
being 50% of the total grant approved for the purpose. The I.R.42 form
enclosed may be duly filled in, signed and returned to this office for payment.
The balance will be released on receipt of the completion documents indicated
in Annexure I.

        The grant is debitable to the budget sub-head D-7(V) Welfare
Programmes in the colleges.

        Construction work may not be undertaken out of Student Welfare
Programme scheme.

                                Yours faithfully,

                                (K.N. Bhatnagar)
                                  for Secretary.
Copy to :-
1. Accounts Branch, (G), University Grants Commission, New Delhi.

                                (K.N. Bhatnagar)
                                  for Secretary.

2. Registrar, **Ranchi University, Ranchi**

3. Secretary, Govt. of **Bihar** (Education Deptt) **Patna.**

4. Director of **Collegiate Education, Bihar, Patna.**

5. S.O. Meeting.

                                (P.L. Malik)
                                  for Secretary-

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Annexure 2

तार : युनिग्रांट
Grams : UNIGRANTS
विश्वविद्यालय अनुदान आयोग
बहादुरशाह ज़फर मार्ग
नई दिल्ली - ११०००२
UNIVERSITY GRANTS COMMISS
BAHADUR SHAH ZAFAR MAR
NEW DELI - 110002'

No. F. 8-27/96 (CPP-I)   December, 1998

The Principal
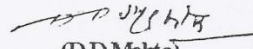Nirmala College,
Hinoo,
Ranchi – 834 002 (Bihar)

30 दिसम्बर 1998
DEC

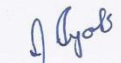Sub.:   Eligibility of the College to receive UGC grants under the IXth Five Year Plan in terms of Rules framed under Section 12 (B) of the UGC Act, 1956.

Madam,'

I am directed to refer to your letter dated 29th December , 1998, on the above subject and to say that the condition of permanent affiliation is applicable to those colleges which had been established on or after 17th June, 1972. Since the year of establishment of your college is 1969, the college is eligible to receive development grants from the UGC in accordance with the guidelines for the 9th Five Year Plan.

In case the college has been granted permanent affiliation by the Ranchi University/State Government, the attested copy of the notification may be sent to the UGC so that the clause "on temporary affiliation" may be deleted from the list of colleges maintained by the Commission in Section 2 (f) of the UGC Act, 1956.

Yours faithfully,

(D D Mehta)
Under Secretary

ATTESTED

Principal
Nirmala College
Ranchi

252
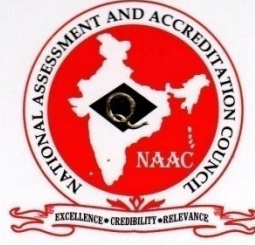
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

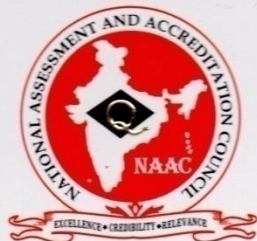The Executive Committee of the

National Assessment and Accreditation Council

on the recommendation of the duly appointed

Peer Team is pleased to declare the

Nirmala College

Ranchi, affiliated to Ranchi University, Jharkhand as

Accredited

with CGPA of 2.51 on four point scale

at B grade

valid up to March 02, 2020

Date : March 03, 2015

Director

EC/SC/05/RAR/107

Quality Profile

Name of the Institution : Nirmala College

Place : Ranchi, Jharkhand

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point ($Cr\,WGP_i$)	Criterion-wise Grade Point Averages ($Cr\,WGP_i / W_i$)
I. Curricular Aspects	100	180	1.80
II. Teaching-Learning and Evaluation	350	1010	2.89
III. Research, Consultancy and Extension	150	320	2.13
IV. Infrastructure and Learning Resources	100	250	2.50
V. Student Support and Progression	100	250	2.50
VI. Governance, Leadership & Management	100	230	2.30
VII. Innovations and Best Practices	100	270	2.70
Total	$\sum_{i=1}^{7} w_i = 1000$	$\sum_{i=1}^{7}(Cr\,WGP_i) = 2510$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^{7}(Cr\,WGP_i)}{\sum_{i=1}^{7} W_i} = \frac{2510}{1000} = \boxed{2.51}$$

Grade = $\boxed{B}$ Descriptor = $\boxed{GOOD}$

Date : March 03, 2015

Director

- This certification is valid for a period of *Five* years with effect from March 03, 2015
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer
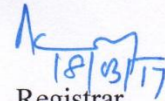
EC(SC)/05/RAR/107

रॉची विश्वविद्यालय,
रॉची

TO WHOM IT MAY CONCERN

This is to certify that Nirmala College, Ranchi is a Minority affiliated college under Ranchi University, Ranchi which is manage and maintained by its Governing Body. The following Courses/ Subjects are taught in the Nirmala College, Ranchi.

Sl.No.	Name of the Course(s) and Duration	Affiliation
1.	Three year B.A. Hons/General Courses in History, Hindi, Geography, Economics, Political Science, Psychology, English & Philosophy.	Permanent
2.	Three year B.Com. Hons./General Course	Temporary
3.	Three Year B.Sc. Hons/General Courses in Physics, Chemistry, Mathematics, Zoology, Botany.	Permanent
4.	Vocational Courses- B.C.A, I.T., F.D. Computer Application Career Oriented (Add-on) Course & B.B.A.	Temporary
5.	M.A. in Hindi, History, Economics, Geography & Political Science.	Temporary

18/03/17
Registrar
Ranchi University, Ranchi