



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

PATNA SCIENCE COLLEGE

ASHOK RAJPATH, PATNA BIHAR
800005

www.patnasciencecollege.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

July 2019

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Patna Science College, a constituent unit of Patna University, was established in 1927. Initially it was opened as the Science Department of Patna University. It began functioning independently from 1928 when its foundation stone was laid by Lord Irwin on 15 November 1928. Since then Patna Science College has been recognized as a Premier Institution of higher learning in science stream in India.

The College is centrally located in Patna, the capital of Bihar, occupying an area of approximately 28.32 acres of land containing separate blocks for different science departments. This enormous campus on the Northern side of Ashok Rajpath sprawling between the Central Library of Patna University and the NIT (erstwhile Bihar College of Engineering). It encompasses five hostels- Cavendish, Newton, Ramanujam, Faraday and C. V. Raman; two sports fields, one gymnasium, one common room and one administrative block.

The College offers B.Sc. Honours in Botany, Chemistry, Geology, Mathematics, Physics, Statistics and Zoology. Apart from the usual B.Sc. Honours courses, it also imparts teaching in various Vocational and Professional courses under self-financing scheme that include B.Sc. Honours in Bio-technology, B.Sc. Honours in Computer Applications – popularly known as the BCA course, B.Sc. Honours in Environmental Science. Though primarily a science teaching institute, Patna Science College has always had a full-fledged language teaching unit comprising Hindi and English Departments right since its inception. Each department also has facilities for conducting research in respective subjects. The College has a great legacy and has been striving continuously to maintain and improve it. It has been the breeding ground for the future scientists, researchers and administrators. It can boast of distinguished alumni holding very high positions in diverse fields of Science, Medicine, Engineering, Banking, Administration, etc. in India and abroad.

Vision

Our vision is to create a vibrant academic space with focus on world-class education, research and service. Students and staff will be oriented to cultivate the best human values, character and practices demanded of citizens to serve the nation and society. Through innovative teaching, research, skill-development and use of technology, students and faculty members will strive to provide insights and solutions for diverse challenges faced across the globe. Along with the production of knowledge, it also believes in nurturing co-curricular talent in learners for their holistic development.

Mission

- To grow as the centre of excellence in the field of science, technology and innovation and empower the learners to lead the world in general and nation in particular in the next century towards a bright and sustainable future for mankind.
- To prepare citizens equipped with independent thinking, critical ability and entrepreneurship.
- To work for the welfare of society by upholding the ideals of the Republic of India enshrined in the Constitution.
- The College is highly reputed for teaching and research. Our college believes in striving for newer

goals, maintaining high standards and establishing Patna Science College as a 'Knowledge Centre', nationally and internationally. The strength of our college lies in its ability to adapt to the changing needs of the time. To realize this vision, we inculcate the importance of learning in our students, thus ensuring their intellectual and emotional development. The college encourages innovative, rigorous and professional pattern of teaching and learning, enabling the students and teachers to become outstanding scholars, educators and professionals by preparing action plans within the framework outlined by the Patna University.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Well qualified faculty devoted to teaching and research.
- A rich Library having subscription to e-resources such as INFLIBNET and NLIST .
- Huge Campus, located at the heart of the capital, with a playground for outdoors games and sports and a gymnasium hall for indoors activities.
- Separate Boys and Girls Common Rooms.
- Separate Examination Hall with the capacity of 400 seating.
- Wi-fi enabled campus with the facility of a canteen.
- Regular publication of College Journal (Journal of Patna Science College) and Magazine (Navnirman).
- Various societies, such as 'Cultural Society', 'Debating Society', 'Hindi Sahitya Parishad', 'Bazm-e-Sukhan', 'Bangla Sahitya Sammelan', established to organize co-curricular activities on the campus.
- Clean, Green and Ragging-free campus.
- Each Department of the college is equipped with ITC technology and allied tools to impart knowledge.

Institutional Weakness

- Acute shortage of teaching and non-teaching staff.
- Lack of financial aid and human resources to maintain the enormous infrastructure.
- Large number of Students coming from rural background with average communication skills.
- No addition of vocational and add-on courses.
- Absence of language lab and media centre.

Institutional Opportunity

- With the introduction of Post Graduate courses Patna Science College will have the potential to emerge as an institution of national importance in the Eastern part of India by virtue of being an institute solely devoted to the study of science.
- To develop a mechanism to receive financial and academic support from the prominent alumni for the up-gradation of the college.
- Generation and production organic manures and fertilizers by harvesting the biomass available on the campus and the surroundings.
- The college has the opportunity for the development of rural and village areas by giving scientific and technological mentorship in the field of agriculture, health and education to realize the goal of inclusive

development.

- For enhancement of academic and administrative ambience the College has the opportunity to initiate collaborative ventures with institutes of excellence such as IIT and NIT Patna, RMRI (Rajendra Rajendra Memorial Research Institute of Medical Sciences), WALMI (Water And Land Management Institute), GSI (Geological Survey of India), CGWB (*Central Ground Water Board*).

Institutional Challenge

- The first and foremost challenge is to apace the process of change in academic and administrative work culture in accordance with the rapid technological changes, action research, digitization, inter-disciplinarity, e-governance and skill development.
- Another challenge is to make the study of science innovative and action-oriented so that it could produce more job opportunities which will give a boost to entrepreneurship.
- It is also a big challenge to improve significantly the soft skills and communication skills of students coming from diverse cultural and economic backgrounds.
- To develop more avenues and platforms to train and orient the staff and students of the college towards e-learning, use of technology, paperless communication etc.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The College offers 10 UG Science Programs out of which 7 Programs are of conventional Courses Hons. in Physics, Chemistry, Botany, Geology, Zoology, Mathematics, Statistics 3 UG Programs in Vocational / Professional Courses B.Sc. (Computer Applications) B.Sc. (Bio-Technology) & B.Sc. (Environmental Science) Under Self Financed Scheme. As college is a constituent unit of Patna University, Patna, it follows the course curriculum designed and developed by Patna University.

The college designs its own curricular delivery plan and its effective implementation model at the beginning of each academic year. The machanism is designed and developed in a meticulous manner to encourage participative and lifelong learning. The programme and course outcomes define the learning level of the students in terms of knowledge, skills, values and capabilities. The college continuously seeks to enhance its students' behavioural, leadership and teamwork skills through various activities, events and various developments from time to time. The Lesson Plans for each course prepared by the concerned teachers clearly divides the entire course content into short cycle units planning to inform, engage and motivate the students. The pedagogy includes assignments, projects, class presentations, class tests and seminars, self-assessment tests, house exam, group discussions and quizzes. Faculty members maintains academic progress diary regularly which reflects the coverage of the planned lessons. The Provide maximum enrichment and to make learning more productive and interesting, opportunities are provided to the students to establish partnership with communities through various clubs and societies where students learn crucial life skills; develop formative competency and emphatic positive behaviour. The college undertakes various programmes to involve the students in social initiatives such as Gender Sensitization, Environment Consciousness and Human Values and Professional Ethics. To enable information and digital literacy, Computer awareness Programmes for students teaching & non-teaching faculty are organised by the BCA department very often. Further, the college is based on the framework of outcome based-education system, as each course revolves around well-defined learning outcomes. The IQAC encourages the 360 degree feedback mechanism and takes necessary action to implement

it.

Teaching-learning and Evaluation

Admission of students to various courses is based on merit in eligibility qualification for traditional courses and score in Entrance test organized for admission in Vocational / Professional Courses, it is transparent with the single window system. Efforts are made to ensure that all students seeking admission to the various courses stay informed through different modes of publicity and college prospectus “Nideshika”.

The vision of the institution is based on the premise that excellence flourishes in an environment that involves all the stakeholders concerned with the cause. To make the teaching, learning and evaluation effective and efficient, various processes have been developed which give full freedom and flexibility to the faculty and the students to achieve their full potential. An equitable and inclusive working environment creates the conditions for the faculty and the student body thus making them capable and confident.

There is a constructive integration of Indian Customs and Traditions with Modern Information Communication Technology tools in the pedagogical system of the college, thereby, enabling the student to learn the content from a multi-dimensional perspective in the era of digital education. Since its inception, the college has remained committed to dissemination of knowledge in science stream for the service to the society. The quality of education is constantly monitored and the standards of Teaching-Learning are reviewed and maintained thereby, enriching teaching-learning processes and developing skills in tune with the globalized world in this age of Privatization. Globalisation and Liberalisation.

The college conduct induction Programme for new students after the completion of admission process. The time-table and the annual academic calendar that contain the details of all the academic and co-curricular activities are made available to all through its website/Hard Copy. The Lesson Plans and the Teaches Diary maintained by our dedicated and skilled faculty show the roadmap for teaching and learning. The Bridge Courses and classes for slow learners and advanced learners are conducted to cover up the gap.

Research, Innovations and Extension

The Patna Science College teachers in collaboration with the University P.G. teachers are involved in research. This is being facilitated by having M.Sc. and Ph.D. degree programmes on the same premises. Several teachers from the University Departments have research projects funded by the national agencies such as UGC, DST, DBT, Department of Environment etc. The Geology Department in collaboration with Central Ground Water Board, Government of India has initiated a scheme of rain water harvesting and recharge of ground water in the College Campus. The College has 27 teacher and 25 have Ph.D. as the highest qualification. Most of the teachers are involved in guiding Ph.D. students. The teachers of some of the departments have published papers in national and international journals. Several teachers have also written text books mainly for senior secondary school students. Teachers of some of the departments have also participated in national seminar.

Present Principal-In-Charge Prof. (Dr.) K C Sinha is a renowned mathematician, he has authored several books, for preparation of JEE (IIT), his books are very popular among the aspirants of JEE (IIT) from Bihar.

A conducive environment for research related activities is nurtured in the campus where both the faculty and the student are motivated to get involved in research-related activities. There is a Research Promotion Cell to

guide and advise on research related issues. On the College premises, the superannuated teachers run a "Science for Society". They are doing a commendable work in popularizing Science Education in the society and inculcating scientific outlook in youths aged between 10 and 17.

Community development activities and other extension activities form an integral part of the teaching learning process. In order to promote neighbourhood communities network, the students are encouraged to participate in social works and projects. NSS, and college societies provide a platform to the students to home environment, gender issues and public health. The college has always taken an initiative to contribute and participate in various programmes to help, to expand the horizons of learning for students and faculty.

Infrastructure and Learning Resources

The college is located on a sprawling campus of 28.32 acres dotted with gardens. The College has an Administrative building, Teachers Club building, Canteen, Well maintain five boy's Hostels, Girls Students are provided Hostel facilities in University Hostel, Adequate No. of Quarter for Teaching and Non-Teaching Staffs and Boys' and Girls' common rooms. The Campus has two play grounds and good internal PVC roads.

The Departments of Physics, Chemistry and Geology have separate and very spacious building. The Departments of Botany and Zoology share a building. A single building houses the departments of Mathematics and Statistics. Each building has lecture halls and laboratories. These building also house University Departments, In fact the Patna Science College departments and the University department are a sort of integrated. Each department has a departmental library, some has two one for PG and other for the UG.

Zoology department has an air-conditioned lecture room and Geology department has an air-conditioned auditorium with a capacity of 200 seats. The basement of the Geology auditorium houses the Geology museum. The museum has good collection of the geological specimen collected from the different parts of the country which are open for public viewing as well.

On side of the Teachers Club Building houses the Student Activity Centre. It is used by the student as a practice room for cultural programmes and for NSS activities. The Boys' common room has a sports room with carom board and Table Tennis. The Physics department has small computer centre having ten computers. The Geology department houses a Wi-Fi Internet Connection.

The College has a Central Library catering to the needs of Undergraduate Students. It houses approx 80,000 books. Most of the books are very old and there is a strong need for purchase of new books.

The College has a book bank facility for the student and two to five books are given to those students who apply for it. Library is yet to be computerized but it has subscribed the INFLIBNET (N-List) Membership of e-Shodh Sindhu digital consortium. Which provides access to approx Seven Lac e-books and Six thousand e-journals.

Student Support and Progression

The college aims to provide all kinds of supports of support to the students. Being a Constituent unit of Patna University non profits institution, the fees are charged by the college as per the government rules and regulations, which is very minimal for boys and totally free for girls student.

The college publishes a guidebook “Nidheshika” and updates its website to provide guidance and important information to the incoming students, containing various aspects of the College, courses and instruction. College regularly publishes “**Journal of Science**” and college Magazine “Navnirman” which provides platform for students as well as faculty members to portray their creativity and innovations in their concerned areas.

The SC, ST, BC-I and Minorities students are given scholarship (fee waiver) by the Bihar State Welfare Department. The College has established a Career Counseling and Placement Cell, with objective to provide career guidance and placement opportunities to students. An unregistered Alumni Association of the College exists. One of the alumni of the Geology Dept. (an ex- M.P) has contributed money from his M.P. Area Development Fund for the construction of an auditorium and a geology museum. Alumnus of this college Cine Star & former MP Mr. Shatrughan Sinha contributed from his MP quota for the contribution of PVC Patna to connect all the departments. The College has a very distinguished list of alumni occupying important positions in various fields including the present Chief Minister and Deputy Chief Minister, Politicians, IAS officers, Vice-Chancellors, academicians and educationalists etc. The association should become active in mobilizing resources for the development of the College.

Sports facilities are available to the students. Gymnasium, Yoga and Meditation Centre, Indoor and outdoor games are available in the campus. The College students have given ample scope for their cultural activities and have cultural club called “Natya Kala Parishad”.

Governance, Leadership and Management

The Patna Science College is a constituent College of Patna University and day-today functioning of the College is controlled by the Principal-In-Charge of the college. The principal is directly responsible for all administrative and academic activities of the college. The salaries of the teachers are paid by the University directly to the teachers. The college accounts are maintained by the office staffs.

The academic activities of the College are co-ordinated and monitored through a very effective mechanism. The College is having post graduate and undergraduate departments. The post graduate departments are under, the academic administrative and financial control of the Patna University. The college with under graduate departments are functioning as a constituent College of the University.

The internal governance of the college is wholly democratic and inclusive, involving all the stakeholders in decision making for quality improved and sustenance in all the spheres and college education. The staff council of college is the highest decision making body. Principal Constitutes different cells / committees/ clubs/ council/ and assigns duty to look after and monitor the different functional mechanism of college. The senior faculty members look after the University examination, and admissions of the students. The attendance of students is monitored through a committee consisting of HOD's of different departments.

The Institution provide different welfare scheme to the non-teaching staffs. The staffs members are encouraged to obtain training in office automation and computer use. The loan facilities are extended to employees through Cooperative thrift societies. The grievance redressal cell plays an important role in solving the problems of the students. IQAC (Internal Quality Assurance Cell) has been established to look after the quality sustenance and its improvement in knowledge delivery mechanism in college. IQAC composition also have some external members form academia, industries and total quality management field. The College is experiencing a shortage of faculty members. The government may take an immediate steps to improve this condition.

There is a Performance Appraisal System for teaching and non-teaching staff to ensure accountability and transparency.

Institutional Values and Best Practices

The Mission and Vision of the institution display the institutional values and best practices pioneered by the college to contribute significantly to the improvement of institutional processes and overall development of the stakeholders. The Patna Science College has been a historically important centre for science education and research of this country. The College is moving forward taking along its glorious tradition of imparting scientific temper and knowledge. Keeping pace with the changing scenario of science and technology education in the country and the globe, the College is keen not only to add significantly to the existing knowledge base of the basic sciences but also to promote, preserve and disseminate its contribution. At the same time, the College is crucially aware of the need for connecting the science education and knowledge with other branches of knowledge. This is possible only through continuous interactions of the core branches of any of the department with other branches of the neighboring or allied departments. This not only enriches the research potential of the Institution but also contributes to the knowledge created to become versatile and applicable.

Some of the best practices College adopts are :

- Publication of Research Journal of Science
- Publication of Annual College Magazine
- The Students of College perform social activities under the umbrella of Zoology Society, Centre for environment and nature conservation, Yoga society and NSS Unit.
- The Geology department has undertaken work on water harvesting and recharging of ground water.
- Many teachers are engaged in research and have organized and attended conferences, seminars, workshops etc.
- Retired faculty members are actively working for the science popularization through 'Science for Society'.
- The students are motivated to organize socially relevant programmes such as celebration of birthdays of National heroes, Saints, and Poets etc. in the campus of the College.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PATNA SCIENCE COLLEGE
Address	Ashok Rajpath, Patna Bihar
City	PATNA
State	Bihar
Pin	800005
Website	www.patnasciencecollege.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Krishna Chandra Sinha	0612-2678010	9430032893	-	pscppatna@gmail.com
IQAC / CIQA coordinator	Atul Aditya Pandey	0612-2665151	9430253960	-	iqac.pscp@gmail.com

Status of the Institution	
Institution Status	Constituent

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	15-11-1927

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Bihar	Patna University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	10-06-1981	View Document
12B of UGC	10-06-1981	View Document

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

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Department of Bio Technology Ministry of Science and Technology Govt of India
Date of recognition	30-04-2019

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Ashok Rajpath, Patna Bihar	Urban	28.32	40000

2.2 ACADEMIC INFORMATION

NAAC

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Physics	36	Intermediate Pass with PCM	English	30	30
UG	BSc,Physics	36	Intermediate Pass with PCM	English,Hindi	110	102
UG	BSc,Chemistry	36	Intermediate Pass with PCM or PCB	English,Hindi	110	103
UG	BSc,Botany	36	Intermediate Pass with PCB	English	30	8
UG	BSc,Botany	36	Intermediate Pass with PCB	English,Hindi	80	70
UG	BSc,Botany	36	Intermediate Pass with PCB	English	30	29
UG	BSc,Zoology	36	Intermediate Pass with PCB	English,Hindi	80	80
UG	BSc,Geology	36	Intermediate Pass with PCM or PCB	English,Hindi	65	56
UG	BSc,Statistics	36	Intermediate Pass with PCM	English,Hindi	65	58
UG	BSc,Mathematics	36	Intermediate Pass with PCM	English,Hindi	90	83

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	10				20				43			
Recruited	7	3	0	10	9	1	0	10	6	1	0	7
Yet to Recruit	0				10				36			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				208
Recruited	88	8	0	96
Yet to Recruit				112
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				14
Recruited	9	0	0	9
Yet to Recruit				5
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	3	0	9	1	0	4	1	0	25
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	0	0	2

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	8	2	0	6	2	0	6	2	0	26
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	1	0	1

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	11		3		14

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
		UG	Male	441	7	0
	Female	175	1	0	0	176
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	80	79	85	88
	Female	18	35	22	17
	Others	0	0	0	0
ST	Male	5	6	4	2
	Female	2	1	1	1
	Others	0	0	0	0
OBC	Male	263	268	246	261
	Female	91	96	91	67
	Others	0	0	0	0
General	Male	167	184	204	168
	Female	72	75	50	52
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		698	744	703	656

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 157

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
10	10	10	10	10

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
624	699	744	703	699

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
345	345	345	345	345

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
703	532	418	345	194

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
27	29	29	35	35

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
43	43	43	43	43

File Description	Document
Institutional Data in Prescribed Format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 39

Number of computers

Response: 43

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
102.48	8087879	4084379	107.34	8045759

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

Patna Science College ensures effective designing and delivery of curriculum through a well-planned and documented process. Curricular structure of the College is approved by the Academic Council of Patna University. Various committees work towards the effective delivery of the curriculum to the students. The prospectus of the college appraises the inducted students with the courses, curriculum, fee structure, anti-ragging, equal opportunity cell etc. for each academic year.

The thrust of the institution is to impart multi-dimensional, holistic education to the students with effective curriculum delivery. The academic year commences with an Induction Program for newly admitted students. In this Programme, the students get familiarized with the faculty members and their courses of studies. The students are apprised of various societies/ Clubs and committees of the college such as Cultural wing (Natya Kala Parishad), Debating Society, Athletic Club, NSS, and so on. Students are also informed about various facilities available in the college like the Wi-fi facility, library, laboratories, boys and girls common rooms etc.

At the beginning of every academic year the Heads of each Department guide their faculty members to prepare lesson plans. The lesson plans divide the entire course contents into short cycle units to inform, engage and motivate the students. In the meeting of the Departmental Council courses/papers are distributed among faculty members according to their areas of specialization and it is ensured that faculty members expand their capacities in teaching. The progress of teaching and learning is reviewed and assessed every month by the Departmental Council. The monitoring is also done by the IQAC and it keeps organizing lectures and seminars for the benefit of faculty members and students.

Classes are regularly conducted and are well supplemented with practical laboratory sessions and tutorials. The internal assessment of students is carried out periodically and the final examination is held in accordance with the regulations set by the University. Even guest faculties are invited to augment the curriculum delivery. One of the features of our institution is Remedial Coaching which is provided by all the departments on a consistent basis. Remedial coaching hopes to augment the academic competence of the students who wish to improve their performance for their bright future.

College Central Library has reach collections of Modern and rare books of Science, In addition to Central Library each departments has its own seminar library to full-fill the need of concerned department's Student and Faculty. College obtained membership of INFLIBNET, which provides Seven lakh e-books and 6000 e-journals. Students are provided free Wi-Fi logins to access the e-journals. College also provides well-equipped science laboratories, state-of-the-art computer labs and so on. ICT enabled classrooms with the facilities of Laptops and LCD Projectors are used to assist the audio-visual mode of teaching. The college website is updated regularly under the guidance of the website committee. It carries all information about academic as well as extracurricular activities. To accomplish the curriculum delivery effectively,

annual audit is carried out and attainment of course outcomes is ascertained.

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 0

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of the certificate/Diploma programs	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 9.68

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
03	0	0	0	0

File Description	Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 0

1.2.1.1 How many new courses are introduced within the last five years

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 0

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

File Description	Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 0

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

The College strives towards imparting human values, environmental sustainability awareness and professional ethics through multiple courses which are integral part of the academic curriculum. A unique feature of Patna Science College is the presence of Departments of English and Hindi Languages. The objective of the establishment of these departments is not only to improve communication skills of students but also to inculcate best human values by exposing them to a rich socio-political, spiritual and intellectual tradition of humanity through literary writings of Swami Vivekananda, Gandhi, Tagore, Nehru, Bose,

Premchand, Dinkar etc. Scientific temperament of students is humanized by such courses. These Departments keep organizing programmes to commemorate such national heroes for the purpose of personality development and character building of students.

The curriculum incorporates cross cutting issues related awareness about environment. In subjects like Botany, Geology, Zoology and Chemistry issues related to environment and pollution are incorporated. Self financing courses such as Environmental Science and Bio-technology enrich students with concern for environment both in theory and practice. Plantation Drive, Earth Day, National Water Day, World Environment Day, Wetlands Day, Ozone Day are organized on the campus. In addition, our students participate in programs conducted by BSDMA, BSPCB, CGB etc and the experts from these institution visit our college to deliver lectures.

The College plays a significant role in promoting issues pertaining to Gender Sensitization by conducting an awareness program on personal hygiene and grooming of the girl students. The institution has established a prevention of sexual harassment cell. This cell organizes seminars on topics like Sexual Harassment, Women Rights & Safety etc. Essay writing competition, poster making, nukkad-naatak d other events are conducted to make the college and society a safe and secure place for women.

Professional ethics are emphasized through various mechanisms which have been developed on the University level to be followed by its allied units. There exists a 'Code of Conduct' which delineates various guidelines to be followed by teachers, students and staff. To maintain academic integrity the college strictly follows anti-plagiarism policy as formulated by Patna University.

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 0

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 93.27

1.3.3.1 Number of students undertaking field projects or internships

Response: 582

File Description	Document
Institutional data in prescribed format	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2)Teachers, 3)Employers, 4)Alumni and 5)Parents for design and review of syllabus-Semester wise/ year-wise

A.Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: E.None of the above

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: C. Feedback collected and analysed

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 1.66

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	0	13	25	12

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 100.52

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
624	699	744	703	698

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
690	690	690	690	690

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 96.17

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
303	332	345	339	340

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

The College organizes orientation programme for the students admitted to this college to make them acquainted with the people and to the environment of the Institution.

The college interacts deeply with the students in the classrooms at the very early stage to know the levels of knowledge and acumen of the students, and on the basis of that assessment the College formulates strategies.

Strategies adopted for facilitating Slow Learners:

- The faculty members assess the nature of their problems and motivate them in a friendly way to reach their academic goals.
- Remedial classes are organized to clarify doubts, re-explaining of critical topics for improving performance.
- Poor performance due to frequent absenteeism is dealt by parent-teacher meets.
- Appropriate counseling with additional teaching, eventually helps students to attend classes regularly.
- All the staff members maintain good relation with students and deal with their problems in a gentle manner.
- Most the faculty members are engaged in the tutorials. The Head of the Department allots a batch of students for every staff member and monitors the effectiveness of the tutorials.

Strategies adopted for facilitating Advance Learners:

- The college with the aim of holistic development promotes independent learning among students that contributes to their academic and personal growth.
- To boost up the morale of meritorious students are given to such students in the annual prize

distribution function. This is in addition to the free books facilities and concessional fees.

- Various departments of the college organize departmental, regional and National level seminars/conferences/workshops/exhibitions where these students can participate and explore their creative skills.

Faculty members invite presentations, hold group discussions and allow micro teaching on some of the topics to respond to the special education needs of the advanced learners.

2.2.2 Student - Full time teacher ratio

Response: 23.11

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

The College aims at the holistic development of the students, and promotes experiential, participative and problem solving methodologies for achieving such a goal.

Experiential Learning:

- Some departments of the College send students for apprenticeships to expose them to actual work environment and also to train them for fulfilling the needs of the contemporary workplace. For example, the students of the Biotechnology attend apprenticeship programmes at Mahavir Cancer Sansthan, Patna Dairy Project, Bihar Pollution Control Board, Patna Medical College and Hospital, State Forest Headquarters, Bihar etc. The students of the Geology Department visit The Geologica Survey of India, Central Ground Water Board among others. Likewise taking apprenticeships by the students of BCA is also a regular feature of the said programme.
- The hands-on training and the experiences of field-works are also a permanent feature of the teaching-learning of the College. The students of Geology are guided to the Geological terrains outside the College, and are given training on uses of the field equipments and also on how to carry on Geological mapping.

Participative Learning:

- The students are given regular assignments, both theoretical and practical, as a part and parcel of their academic activities.
- The students are encouraged to learn in groups through such practices as Group Discussions, Debates etc.
- The College has also remained an important venue for organizing Youth Parliament, where our students have participated in good number, and have shared their views on Indian democracy and nationalism.

Problem Solving Methodologies:

- The science faculty organizes various types of events where the students are encouraged for model building.
- The departments organize seminar/conference/workshop where students are also allowed to participate and interact with the experts and participants from other institution and industries.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.**Response:** 66.67**2.3.2.1 Number of teachers using ICT****Response:** 18

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues**Response:** 24**2.3.3.1 Number of mentors****Response:** 26**2.3.4 Innovation and creativity in teaching-learning****Response:**

The College has always looked forward to include innovation and creativity in the teaching-learning process.

- The College is in the process of upgrading and digitizing its library. The College has also subscribed to digital learning platforms, like the Infibnet, E-Shodh-Sindhu etc.
- The College is continuously encouraging the uses of digital tools like power point presentations by the teachers.
- The students are encouraged to use digital tools while giving their presentations and showcasing their acumen through such assignments as making scientific models and simulations, power point presentations etc.
- The College regularly publishes the college journal called 'Patna Science College Journal' and the college magazine called 'Navnirman', in which the students show their critical and creative acumen.
- Regular departmental seminars other than invited lectures by eminent alumni of the college and also by veteran academics provide the students with the opportunities to interact with broader perspectives and more potent exposures.
- The College also gets opportunities to hold academic and cultural programmes sponsored by other organizations. And the College explores such occasions to provide the students with greater scopes to present their abilities and to canvass and share their ideas with wider audiences.
- The students, while taken to the field-works and while being facilitated with other modes of experiential learning, showcase innovative ways of learning.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 49.21

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 97.14

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
25	27	29	35	35

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 18.74

2.4.3.1 Total experience of full-time teachers

Response: 506

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 0

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 1.4

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	0	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The College takes special care of evaluating the learning outcome of the students. The Continuous Internal Evaluation system is a part of the endeavors for ensuring the quality outcome of whatever the students have learnt. Informal class tests are organized by the concerned subject teachers and the performance of the students are discussed in classroom. At the end of year, the College conducts examination following the Centralized Evaluation System designed by Patna University, Patna.

As a part of Continuous Internal Evaluation, various departments of the College regularly conducts remedial tests, surprise tests, quiz, group discussions etc to facilitate smooth transfer of the knowledge to be imparted. The assignments given to the students at the practical sessions are continuously evaluated by the teachers. At the onset of academic year, faculty members in their classes, provide the details regarding syllabus, course structure and the components for evaluation and handle any query regarding the same.

The following are some important features of the continuous internal evaluation process of the College.

- The notifications and reforms from the University are duly notified by the Principal to all the faculty members and also displayed on Notice Board and website.
- Internal Assessment record is shown to the students and performance are discussed.
- All the grievances/discrepancies in the internal assessment records are taken up the Examination Committee and forwarded to the concerned teacher.

Seminars, technical paper presentation and Case Studies are introduced in the curriculum to make the environment activity based. To refine the critical thinking among students, various group discussions, debates, seminars, workshops etc., are organized in which students explore new ideas and thus enhances their performance levels.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Assessing students' performance is an essential part of classroom teaching. Without a proper internal assessment mechanism, all teaching efforts may go in vain. Internal assessment of students gives an idea about their performance and it is also the reflection of teachers' efforts. So, the internal assessment mechanism should be transparent and robust so that it can cover various aspects of students knowledge and must be helpful in enhancing their learning and writing skills.

Since our College is a constituent unit of the Patna University, Patna, we abide by the University norms. As per the Patna University guidelines, the internal assessment of students is prepared on the basis of the assignments they submit, their performance in class test and as per their attendance record. Laboratory practical are an integral part of internal assessment, especially in Science subjects. In some practical

exams, an external examiner is also called, which is also as per the University guidelines for conducting fair and transparent laboratory practical. Besides these methods of internal assessment, teachers also follow their own methods they deem suitable. Teachers generally take classroom presentations or power point presentations through projectors, model buildings or viva-voce in some cases. All these assessment works are done through active student participation and are done at regular intervals.

To ensure transparency, University has made the provision of displaying of internal assessment also known as 'Sent-up' test to every student personally before it is finally submitted. If students have any queries or corrections they can approach their respective teachers. Besides the University provisions, teachers also generally show the corrected assignments and tests to the students to bring maximum transparency in internal assessment process. To enable students to take up their Annual Examinations confidently, sometimes if need be, two or three Sent-up tests are conducted. Further, students are also informed about their attendance records at regular intervals. At least 75% of attendance is necessary for each student to appear in the Annual Examination.

Thus, our institution follows all the University guidelines regarding internal assessment and also takes the necessary steps at its own level so that internal assessment covers all aspects of students' performance with the main focus on their learning and also ensures maximum transparency. Further, our institution also gives liberty to the teachers to use their discretion to use innovative methods for enhancing students' skills.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

Patna Science College, being an integral part of the Patna University, conducts examinations following the norms prescribed by the university. The examination schedules of the College follow the University Academic Calendars each year, which is time bound, updated and regular. Once the examinations are over, the results are published both on the College Notice Boards and also on the University Website. Students, in case of dissatisfaction or grievance, can appeal for the scrutiny of the results to the University Examination Cell through proper channel. Those appeals for scrutiny are very sincerely heard and taken up by the University, and within a stipulated period that does not linger the matters for long.

The College has a long tradition of having an active examination cell, which takes care of examination-related issues and caters to the necessities, including grievances, raised by the students. The College also has an Examination Committee, which was referred to as 'Pariksha Samity' in older times, is responsible for arranging examination-related arrangements apart from grievances raised. The College regularly conducts Internal Evaluations through Quiz, Short time tests, Surprise tests among others. To minimize the chances of grievances and also to facilitate smooth transfer of knowledge, one-to-one and close-group modes of discussion are encouraged at the departmental and also at the teachers' levels. At the end of the session, various departments of the College conduct sent-up tests, on the basis of which the successful students are allowed to appear in the University examinations. Display of the marks on the College and Departmental Notice Boards is a regular feature of these tests. In case of any doubt or grievance raised by the students regarding the results, they contact the concerned Heads of the Departments, the faculty members or the Examination Committee for clarification or resolution.

In short, the College has examination-related grievance redress system both in formal and informal forms. The aim of the institution in this regards has always remained the satisfaction and welfare of the students with a vision of minimizing the grievances and redressing them, if any, on a fast-track mode.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The College adheres to the academic calendar prepared by Patna University before the commencement of each academic session. In the beginning of the session the time line for each academic year is decided and published by the university. The Calendar helps the faculty members of the affiliated Colleges to arrange the teaching time and regular assessment.

Each academic year includes mid and end academic year Examinations. Every department creates internal calendars to ensure timely completion of the prescribed syllabus. Each Department prepares co-curricular / extra-curricular activity schedule and the topics to be covered in a particular time period in accordance with the academic calendar and examination schedule. If there is any change that happens at the University level, the same is communicated to the College and the administration enforces the same.

At the beginning of each session the Heads of Department and Conveners of various committees give a list of events they are going to organize to the Co-ordinator of the IQAC. The students' representatives also give their input and valuable opinions to the IQAC.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs), as an integral part of syllabi, of are uploaded on the website of the college and also displayed in the college prospectus. These course outcomes are also communicated to the students in the classes by respective teachers in classrooms, labs, tutorials and sessions of mentoring. Further, college has also uploaded the lesson plans (of each working day) of all courses of the programs on the website of the college. Monthly lesson-plan of all the courses of the different programs are also displayed on the college notice boards and the teachers strictly adhere to the completion of the courses as per the lesson plans. The teachers also introduce the students to the specific areas of which they are going to gain knowledge. The teachers of every department instruct the student that at the end of each programme what they are supposed to obtain. The programme outcomes of all the subjects are clearly informed to the students. In this regard, the students' doubts and confusions are clarified by the teachers.

The faculty members are sensitised towards these outcomes in Departmental council meetings so that they continuously strive for their attainment.

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Merely stating, displaying and communicating the POs, PSOs and COs will not suffice the purpose unless there is a strong and structured mechanism for evaluating the attainment of them as it provides a yardstick to measure as to what extent the institution has succeeded in accomplishing the goals in consonance with its vision and mission.

- The Course Outcomes (COs) and Program Specific Outcomes (PSOs) Programme Outcomes (POs) are recognised by the concerned affiliating university. The educational institution inculcates certain potentials among the students before this process. It facilitates the students in optimum exploitation of the resources for the attainment of their desired curricular and co-curricular goals.
- The objectives of the course mentioned in the syllabi of the affiliated University helps in identifying the course outcomes by the institution. Doing this enables the students to frame solutions for various complexities in the attainment of course outcomes. Students are able to enhance their learning abilities with the analytical understanding supported by reason and critical thinking.
- The students are able to attain the capacity building strategies for effective communication skills and comprehend the desired objectives. The learning and practice of various courses offered by the institution empowers the students to engage in life-long learning with persistent critical perspective.
- The concepts of various courses enhance the comprehensive understanding of the students and pragmatically relate it to their physical as well as social ecologies.

The institution evaluates and assesses the potentials of the advanced as well as slow learners to improve their levels of academic attainments. Their curricular as well as co-curricular attainments are recognised and awarded by the institution annually. The students with such distinct curricular and co-curricular achievements are felicitated on the Annual Prize Distribution Function. The institution identifies the performance of Best Outgoing students on the basis of different criteria such as: Academic performance in university final examinations, participation and achievement of students at University and Inter University level Cultural events (Tarang) and Sports Tournament (Eklavya).

2.6.3 Average pass percentage of Students

Response: 76.59

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 481

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 628

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 2.78

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 25

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	25.0	0	0	0

File Description

Document

List of project and grant details

[View Document](#)

3.1.2 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.02

3.1.2.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 1

3.1.2.2 Number of full time teachers worked in the institution during the last 5 years

Response: 51

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The College believes in the philosophy of thinking, innovation, action and contribution. With the sole motto of creation and transfer of knowledge to the society, it has created an ecosystem for innovation including innovation centre and other initiatives.

The college promotes research activities among students and teachers as research and innovation are supposed to be the two main indices of the health of an educational institution, though there are certain limitations in the field of research at UG level. The college leaves no opportunities unturned for promoting research at various levels. It is, therefore, that most of our teachers are either with Ph.D. or are in the process of doing Ph.D. Most of them have published papers in national and international journals or contributed articles to edited books or seminar proceedings. Many of our faculty members have undertaken and completed research projects. Some of our teachers are in the process of sending proposals for research projects in their respective subjects.

A rich library and the Internet/Wi-Fi facility in the college help in providing materials for research and learning. The libraries of the college are used for acquainting the students with the mechanism of research. Our teachers are simultaneously engaged in the process of creation and dissemination of knowledge by presenting research papers in national and international conferences. From time to time lectures and talks are organized under the aegis of IQAC. To achieve this very goal an 'Incubation Centre' has been established which is instrumental in inculcating the spirit of entrepreneurship among students. Through participation in various talks, seminars and workshops in the College and outside the students are trained to assess the market conditions and entrepreneurship requirements, identify team and service providers, arrange for resources, establish industry linkages and initiate start-ups.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 0

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description

Document

List of workshops/seminars during the last 5 years

[View Document](#)

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description

Document

Institutional data in prescribed format

[View Document](#)

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards**Response:** No**3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years****Response:** 0.32**3.3.3.1 Number of research papers in the Journals notified on UGC website during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
21	7	12	3	2

File Description

List of research papers by title, author, department, name and year of publication

Document[View Document](#)**3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years****Response:** 1.39**3.3.4.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
12	10	12	6	3

File Description

List books and chapters in edited volumes / books published

Document[View Document](#)**3.4 Extension Activities****3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years****Response:**

The College conducts a number of extension activities in the neighbourhood community and also in college itself. These activities are conducted under the aegis of NSS, Women Empowerment Cell, Cultural Wing, and by students and teachers in their individual capacity. The activity under the extension programme ranges from Awareness Drive on Tree Plantation, AIDS, Beti Bachao-Beti Padhao, Swachh Bharat Abhiyaan, Removal of certain Social Evils, Save Water, Seminars on pertinent issues, Traffic Training, Gender Sensitization, Blood Donation & Mega Health Check-up Camps. No use of Polythene, Celebration of Important Days, Special Camps and many more. The students are always enthusiastic in such activities. The College has conducted programmes on Malnutrition, Health and Hygiene, Candle Making, Pot Making, Poster and Collage Making, Rangoli Embroidery / Madhubani Painting for the girls of the college as a mark of social responsibility towards women empowerment under the banner of 'Make in India'. The College aims at holistic development of the students through such activities along with studies. The extension activities organized by the College enhance the student's academic learning experiences and inculcate the values and skills in them. The expected impact from these activities can be summarized as below - through these activities the students get socialized and learn to think beyond individual interests and for social welfare. The theoretical knowledge got in the classroom can be applied for the benefit of society. Teamwork, Leadership Skills, Time Management, Effective Communication Skills, and Effective Decision Making are just a few things students learn while participating and organizing various projects and programmes under extension activities. The students get a wonderful platform to mingle with each other and learn about culture, traditions and values of people. Extension activities help the students to contribute to national development and social integration also inculcates value of male –female equality, humanity and notion of equal rights.

Some of the extension activities also create awareness about bad social practices in a society and prepares them for eradication of it. Extension activities also impart the students expected new social values and norms. They are useful in sensitizing people about social issues like dowry system, caste based gender inequality etc. The College also attempts to preserve the Folk Culture of Bihar which is almost on the stage of extinction.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 0

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description

Document

Number of awards for extension activities in last 5 years

[View Document](#)

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 5

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	3	00	00

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 24.27

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
500	181	114	00	00

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 0

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description**Document**

Number of Collaborative activities for research, faculty etc.

[View Document](#)

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 0

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description**Document**

Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years

[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

- An enormous and well-planned infrastructure has been a conspicuous strength of Patna Science College which encompasses six U. G. Departments, out of which three namely Chemistry, Geology and Physics are functioning in their separate buildings; Botany and Zoology share a huge two storey Biology Block building while Mathematics is located in the Administrative Block. Each Department has sufficient numbers of lecture theatres, preparation rooms, well equipped laboratories, individual faculty rooms, common staff-room, conference rooms, ICT enabled class rooms with laptop/desktop, LCD projector, printer and scanner, Departmental Libraries etc. The campus also houses a rich College Library, Incubation Centre, Gymnasium Hall, Boys and Girls Common Rooms, Parking Space, Playground, Herbal Gardens etc. There is a separate building to accommodate vocational courses of the college such as B.C.A., Biotechnology and Environmental Science.
- Being a college solely devoted to the study of pure and applied sciences, the College is endowed with rich laboratories with the best equipment for conducting practical of all kinds. The Department of Chemistry of the College exists in a two-storeyed building. It accommodates a workshop, Applied Chemistry laboratory, laboratories for students, museum, lecture theatre, store room, oil gas plant, facility of water and electricity.
- The Department of Physics has been structured in such a way that some rooms are well-lit, some are partly-lit while some of them are totally dark even in day time. For the purpose of Spectroscopy research such rooms are needed. The ground floor has many research rooms, a museum of instruments, a departmental library and big reading halls.
- The Department of Geology along with teaching theory and practical takes recourse to field visit and survey every year. There is a well equipped air-conditioned auditorium with the seating capacity of 175 people.
- The Department of Botany has its sprawling campus of six acres which also includes the Botanical Garden. The UGC has declared the department to be the centre of excellence for the study in Cytogenetics. The Department of Zoology is housed in the Ground Floor of the Biology Building of Science College. Departmental Library, Electron Microscopy Laboratory, Dark Room, Museum, Store and Research Laboratories of Physiology and Biochemistry, Cytology, Environmental Biology, Fish & Fisheries and Instrumentation Centre are located in the same building.
- The Library of the College stocks a huge collection of excellent Text and Reference books, national and international journals, magazines, newspapers. It has access to e-resources (e-journals, e-books etc) such as provided by INFLIBNET (NLIST). It has access to World e-book Library, South Asian Archives provided by E-Shodh Sindhu as a part of NDL. The College has also developed Anti-Plagiarism mechanism in accordance with the guidelines of Patna University Anti-Plagiarism Policy 2018.
- The College has a fully Wi-fi Campus. Annual publication of College Journal (JPSC) and College Magazine (Navnirman) is a salient feature of this college.
- There is a separate Examination Hall with the seating capacity of 400 students. Ramps are available at required places for differently abled people.

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, yoga centre etc., and cultural activities

Response:

To realize the motto of 'a sound body has a sound mind', the founders of Patna Science College provided a large space for a play ground (175X125 meter square) and for a gymnasium hall (25x20 meter square) right since its inception in the year 1928. Thus, the College lays emphasis on mental as well as physical development of students by encouraging them to participate in various indoor and outdoor activities.

The Athletics Club of the College organizes annual sports meet between the months of December and February every year. The organization of this event and overwhelming participation of students, faculty members and staff add a new color to the ambience of the College. The playground is used for games such as Cricket, Football, Volleyball, Kabaddi, Track and Field events while the Gymnasium Hall is used for indoor events such as Badminton, Carom, Chess, Table-Tennis etc. Teacher-student cricket match is a special feature of this event. Inter-college cricket matches and University level competitions are organized on the Patna Science College playground.

Yoga is an integral part of various camps organized by the NSS and lectures on the philosophy of Yoga are held from time to time. Every year on the 21st of June International Yoga Day is celebrated on the College campus with great enthusiasm.

There is a rich tradition of organizing cultural and co-curricular activities on the campus. For the execution of such programs bodies such as 'Natya Kala Parishad', 'Vaad-Vivaad Samiti' (Debating Society), 'Bangla Saahitya Sammelan', 'Hindi Sahitya Parishad', 'Bazm-e-Sukhan' have been formulated. The Departments of English and Hindi taking all the stakeholders of the College along have always taken meaningful steps in this direction. In the last one year, the College has commemorated the birth anniversaries of such great litterateurs of our nation as Rabindranath Tagore and Munshi Premchand, whose contributions towards decolonizing, modernizing and enriching the literatures and languages they have written in, are considered among the best in the world. When it comes to break the shackles of both physical and psychological colonization through language and literature, the subcontinent has shown the path to the world, and the UNESCO has declared 21 February of each year as the 'International Mother Tongue Day'. The College has made itself a party to this project of decolonization by observing '*Matribhasha Divas*' on campus. On the occasion of 'Hindi Pakhwaada' a poetry recitation program was organized jointly by the Departments of English and Hindi. In addition, the College is committed to nurturing human and democratic values among students through such activities as speech competitions, debate, poster competitions among many others.

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 0

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 40

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
102.48	80.87879	40.84379	107.34	80.45759

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Patna Science College is Library under the process of Automation. The college has one spacious Central Library with collection of approximately 65000 books. It has a rich collection of the text books, reference books, encyclopaedias, dictionaries, Fiction, Non Fiction and general reading of competitive exam etc. It has collective of biographies of the Players, Scientists, Politicians, Socialists and other eminent personalities. Central Library has also a good collection of rare books, manuscripts special report etc.

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

The college has one spacious Central Library with collection of approximately 56000 books. It has a rich collection of the text books, reference books, encyclopaedias, dictionaries, Fiction, Non Fiction and general reading of competitive exam etc. It has collective of biographies of the Players, Scientists, Politicians, Socialists and other eminent personalities.

Encyclopaedia: it includes general and specific i.e. encyclopaedia of Britannica and The world book encyclopaedia of various subjects Economics, Science and humanities etc.

Dictionaries: It includes English, Hindi, and Urdu languages. The college library has oxford and Cambridge dictionaries are these languages. In addition, the Library has dictionaries specific to subjects such as Botany, Chemistry, Physics, Geology, Zoology and Mathematics.

Competitive Books: It includes IAS, UPSC, NET, Banking exams, Railway exams, CAT, MAT, CTAT and Law exam etc.

Year Books: It has collection of year book i.e. CSR Year book and Manorma Year book etc.

Rare Books Collection:

1. *A Catalogue of Insecticides and Fungicides*
2. *An introduction to Nuclear Physics*
3. *Our Heritage*
4. *Laboratory Plant Physiology*
5. *The Standard Encyclopaedia of Horticulture Vol. I, II, III.*

In addition, the college has subscribed to the INFLIBNET-NLIST to access e-resources.

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: E. None of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 0.22

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.008088	0.007500	0.007375	0.009	1.09200

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: No

4.2.6 Percentage per day usage of library by teachers and students

Response: 9.22

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 60

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

As part of the Chief Minister 7 Nischay project, Department of Information Technology, Government of Bihar has provided internet connectivity using Wi-Fi network in the campus of Government Universities, Constituent Colleges. It provides hotspot based Wi-Fi internet service (secured & filtered) with indoor as well as outdoor access point on the campus. In this regard M/s L&T has been awarded the contract by BSEDC for providing a comprehensive solution towards Supply, Installation, Testing, Commissioning, Management and Maintenance of Wi-Fi services on the campus. So, Patna Science College maintains its

Wi-Fi and IT facilities under this scheme.

At the beginning of the academic year, a needful assessment for replacement / upgradation / addition of the existing IT infrastructure is carried out on the basis of the suggestions from the Heads of the Departments, students' grievances and after reviewing the course requirements. One computer lab has been set up in the college with latest configurations. All the computers in the labs are connected with Wi-Fi facility and the Lab remains open throughout the working hours for staff and students. Wi-Fi connectivity is also available on the entire college campus. Computer systems are upgraded on periodic basis and necessary softwares are installed and updated as and when needed. Vocational department (BCA) looks after the IT related issues. Repair and updation of computers, UPS, are done on as per need basis by calling local service centre. The maintenance of computer, networking and upgradation is done by local vendor. The college website is monitored and updated from time to time by the computer Centre / BCA of the college. The college has a plan to upgrade the internet bandwidth as latest teaching methods demand the usage of e-learning resources like INFLIBNET (NLIST) etc. and to make the teaching learning process more interactive and effective.

4.3.2 Student - Computer ratio

Response: 14.51

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: 5-20 MBPS

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 150.23

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
180.2565	185.1882	502.6149	617.4535	514.6253

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students who are admitted in the college. The students seek admission to desired courses including a laboratory curriculum so, they are charged for the laboratory expenses at the time of the admission as suggested by the University. In addition to that, as per requirements, Heads of Departments receive monetary assistance from the office of the Principal for the maintenance of laboratories and classrooms. The maintenance and the cleaning of the classrooms and the laboratories are done with the efforts of the non-teaching class-IV staff. The college garden is maintained by the gardeners appointed by the institution. The Gymnasium Hall is used for organizing cultural and other co-curricular activities after getting the approval of the Principal.

The college has some computers with the internet connections and the utility softwares are distributed to different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The purchasing of items for the college is done by the approval of the Purchase Committee. All financial matters are approved by the Bursar and the Principal of the college. Vendor supplying the computers and other apparatus are required to maintain them during period of guarantee and after this local service centre are called on as per requirement. The ICT Smart Class Rooms, CCTV surveillance and the related systems are maintained by local service centre. The college website is maintained regularly with the help of local vendors. Electrical and the Plumbing related maintenance works are done with the help skilled persons appointed and the expenditure is done from budget gained by college from different sources.

Academic and Support Facilities

Accession to library is permitted to all students as college charges library fee from students. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping library clean are done frequently by library staff.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 11.59

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
150	237	0	0	0

File Description

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Document

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 0

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: E. 3 or less of the above

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 1.32

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	46

File Description

Document

Number of students benefited by guidance for competitive examinations and career counselling during the last five years

[View Document](#)

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 0

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description

Document

Details of the students benefited by VET

[View Document](#)

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**Response:** Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 0

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)**Response:** 59.89

5.2.2.1 Number of outgoing students progressing to higher education

Response: 421

File Description	Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**Response:** 0

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the

last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
200	200	200	200	200

File Description**Document**

Number of students qualifying in state/ national/ international level examinations during the last five years

[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Response: 1

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	1	0	0	0

File Description**Document**

Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years

[View Document](#)

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

The Patna Science College, being an integral unit of the Patna University, holds student body elections [Patna University Students' Union (PUSU) elections] at regular intervals along with all other constituent parts of the university. Two council members are elected from the college, who eventually become the members of the central students' body of the University. These students regularly interact with the common students in general, and represent their issues to the concerned authorities for solutions. Following the guidelines received from the NAAC, the College has adequately pondered upon maximizing the student representation in the academic and administrative bodies and committees, and has also started acted upon the possibilities of inclusion of the students in the functioning of the institution. One such step is keeping student representatives in the IQAC so that students can also voice their views and share their plans on the developmental trajectory of the college. Currently, Mr Parmeshwar Raj, who is also an elected student councilor, represents the students in the Internal Quality Assurance Cell (IQAC) of the college.

In addition, students are also active members of the cultural and sports related bodies of the college. For example, students are active members of the Athletic Club, which regularly conducts sport related activities including the Annual Sports. Students play an important role in the organization of such mega events. It is their active participatory spirit and sportsmanship that propels these events towards success. Students, as members of the Boys' and Girls' Common Rooms Committees, also play an active role in the proper functioning and maintenance of these spaces where students may entertain and refresh themselves, create peer groups, and innovate, both professionally and culturally.

The college has various cultural societies, which regularly organize different cultural events at the institution. These cultural societies include 'Natyakala Parishad' and 'Vaad Vivaad Samiti' major parts of the Cultural Wing of the college. Other parts like 'Hindi Sahitya Parishad', 'Vasn-e-sukhan', 'Bangla Sahitya Sammelan' and 'Bhojpuri Samiti', which facilitate cultural activities and competitions in different languages of India, especially contribute to the multiplicity of the country. In all these societies students are adequately represented and the role of the students remains indispensable in the functioning of these societies.

Students also play a major role in the functioning of the students' hostels. Senior students from every batch residing in hostels are selected as Prefects, and are given administrative responsibilities in running these establishments. The representation of the students contributes immensely towards maintaining the democratic atmosphere of the Institution, and also towards keeping the equilibrium among the stakeholders of the institution.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	6	6	6	6

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Patna Science College Alumni Association is fully functional and they have contributed a lot to the renovation, infrastructural, curriculum development of the College. The Examination Hall, with the seating capacity of 400 students, has been fully funded by the notable alumnus Prof. Chandra Shekhar Sharma. The auditorium situated on the campus of the Department of Geology has been built by Dr Ranjan Prasad Yadav. The roads and streets on the campus have been renovated by the fund donated by Shri Shatrughna Sinha who has been a student of this college. The Gymnasium Hall has recently been renovated by the alumni who passed out of this college in 1987.

In addition, from time to time valuable help and suggestions are sought after from the alumni for the enrichment of teaching learning practices. The alumni share their ideas about the opportunities and possibilities of growth of the institution. The last alumni meet was successfully conducted on March 17, 2019 in which the contribution of Dr Ranbir Nandan (MLC), an alumnus of the College, was commendable. Each Department takes help of its alumni to organize seminars, guest lectures, extra-mural lectures and illuminating talks on different issues and topics. Since there is an acute shortage of faculty members in most of the Departments, the alumni are requested to conduct classes to keep the academic calendar smoothly going. They also play a crucial role in guiding and counseling students.

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years**Response:** 0

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description**Document**

Number of Alumni Association / Chapters meetings conducted during the last five years.

[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

VISION

Our vision is to create a vibrant academic space with focus on world-class education, research and service. Students and staff will be oriented to cultivate the best human values, character and practices demanded of citizens to serve the nation and society. Through innovative teaching, research, skill-development and use of technology, students and faculty members will strive to provide insights and solutions for diverse challenges faced across the globe. Along with the production of knowledge, it also believes in nurturing co-curricular talent in learners for their holistic development.

MISSION

- To grow as the centre of excellence in the field of science, technology and innovation and empower the learners to lead the world in general and nation in particular in the next century towards a bright and sustainable future for mankind.
- To prepare citizens equipped with independent thinking, critical ability and entrepreneurship.
- To foster a sense of physical well being, a key to all creative and intellectual activity.
- To equip the students with sound knowledge and skill set, so that they are able to negotiate the complex, diverse and uncertain demands of a constantly changing society.
- To work for the welfare of society by upholding the ideals of the Republic of India enshrined in the Constitution.

As a constituent unit of Patna University, it gives substantial freedom to the Principal of the college who is the academic and administrative head of the institution to function in an independent manner to fulfil the vision and mission of the college. The Principal maintains proactive role in encouraging and motivating all faculty members for overall academic growth and development of the college. Regular meetings are held to discuss the needs of infrastructure, human-resource, new developments for the ensuing academic session and accordingly approvals are accorded by them, keeping in mind the requirements on priority basis. The University Management, the Principal and the Faculty are always working together for designing and implementing policies and plans. The Principal of the college is the head of the institution and ensures that all provisions of the university by laws, the statutes and the regulations are observed. The faculty members are actively involved in decision making process. The teachers of various committees under the leadership of conveners hold periodic meetings and suggest their recommendations to the Principal before arriving at suitable decisions for implementation. The Faculty members in the capacity of teacher representatives are members of the Management Committee. The Bursar of the College frequently interacts with the Principal on account of proposals on infrastructural facilities, funds received and the expenditures incurred for better financial Management and accountability. Hence the University Management, Principal and Faculty are actively involved in the decision making process to sustain and enhance quality of education imparted by the institution.

6.1.2 The institution practices decentralization and participative management

Response:

The College promotes a culture of participative management. The College encourages active participation and involvement of all the staff members in meetings. Staff members are persuaded to contribute in the meetings by sharing their views and by giving valuable suggestions. Further, the College has successfully developed various committees which require participation of all the members from teaching, staff and student-bodies.

Campus Development Committee: It comprises the senior teachers from different departments, committees as well as students' representatives. It deliberates on the College calendar, matter of policy, introduction of new courses, holding of functions, distribution of duties and day to day problems. The committee helps the Principal in the management of the affairs of the College and advises him on all institutional matters. It also assists administration in maintaining discipline and assuring smooth functioning in the college.

Admission Committee: This committee is before the beginning of new session to perform the task of taking admission. It is headed by senior professors and bursars and comprises of other faculty members and non-teaching staff.

Examination Committee: Headed by the Controller of Examinations, the committee undertakes the responsibility of complete coordination related work- from notification of examination dates the final evaluation and declaration of results. The Controller of Examinations also makes sure that the University Result is properly distributed to concerned students.

Library Advisory Committee: Headed by Prof-in-charge Library plan, coordinate and decide on the various activities of the library- from purchase of new books to adding facilities in the library as per the requirement of the library users.

Purchase Committee: The members of this committee coordinate and oversee all purchases of the College.

Grievance Redressal Cell: It looks into the grievances of the students/faculty/staff and provides remedial measures.

Cleanliness Committee: It endeavours to keep a hygienically clean, eco friendly environment on the campus, and at the same time takes care of its beautification.

Athletic Club: Sports and games related activities are supervised and conducted by this club. It also organizes Annual sports-meet every year and encourages students to participate in various state and national level competitions.

RTI Cell: The task of this cell is to make a sound response to various queries made by people about various issues related to the functioning of the College. It comprises of senior faculty members and Head Assistant of the office.

Time table Committee: It consists of faculty from different departments. They make the College time

table and ensure proper distribution of the time schedule both for faculty and students.

Anti-ragging Committee: To make the campus a safe and secure place for newly admitted students this committee discharges its duties and responsibilities. It comprises faculty members, hostel superintendents and students union councillors.

Career Guidance and Placement Cell: It assists the students during admissions with detailed information about different subjects and courses available to them counsel students regarding their progression to higher studies and placement.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Prior to the attainment Star College Status, Patna Science College was suffering from the paucity of funds from agencies to upgrade laboratories, learning resources and physical infrastructure. So, the college administration decided to go the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India which grants fund to the UG colleges under the Star College Scheme. To the effect, the Principal along with the faculty members of the college attended a workshop organized by Patna Women's College by the sponsorship of the DBT. After this the college worked hard to make an application by filling up the performa provided by the DBT.

Subsequently, a team of faculty members prepared the roadmap for giving an effective presentation which included proposals for the infrastructural development of the college. For this, five Departments of the College namely Botany, Chemistry, Zoology, Physics, and Chemistry were identified to make their applications. After taking valuable inputs from these Departments the College gave an effective presentation at the Centre of DBT located in Delhi. It was a tough competition in which many other colleges participated.

Consequently, three departments of the College namely, Botany, Physics and Chemistry were granted the funds for enrichment of libraries, upgradation of laboratories, field data collection, basic research work, organizing seminars and talks by invited experts and scientists. The Departments are committed to utilize these facilities for the uplift of the college.

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Objectives:

The governing body of the college develops mechanism, forms and regulates policies for an effective

functioning of the college so that strategies for desired outcomes are designed and executed with the active co-operation of all stakeholders.

Patna Science College, being a constituent unit, is governed by the Acts and Statutes of Patna University. The Principal being the ex-officio Head of the College executes the policies and programmes of the governing body through different committees. There are various committees such as Campus Development Committee, Admission Committee, Examination Committee, Library Advisory Committee, Purchase Committee, Grievance Redressal Cell, Cleanliness Committee, Athletic Club, RTI Cell, Time-Table Committee, Anti-ragging Committee, Career Guidance and Placement Cell, NSS. The Principal presents the minutes of the IQAC in the meetings of the governing bodies for the information and execution.

The Principal regulates and directs the administrative staff comprising the Head Clerk, Accountant, and other staff for carrying out the regular administrative activities of the college. The Principal, in consultation with the Head Clerk distributes the work among administrative staff for smooth-functioning of the college and time-bound completion of the work for the convenience of the students.

Although recruitment, promotion, service conditions are regulated and governed by the University and State-bodies, the office of the college keeps records of all teaching and non-teaching staff. The administrative office communicates all the service rules and changes from time to time. The administrative staff assists different committees to carry out their functions. The administrative staff prepares a detailed report of all the data regarding fees, attendance, scholarship and other details about staff and students. They are also given the responsibility of uploading and updating the data on the students' portal and college website.

We have Grievance Redressal Mechanism System to deal with the issues pertaining to examination, discipline, facilities, academics, etc. The internal complaint and students grievance redressal committee under the system deals with the complaints/grievances of staff and students.

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development**
- 2.Administration**
- 3.Finance and Accounts**
- 4.Student Admission and Support**
- 5.Examination**

- A. All 5 of the above**
- B. Any 4 of the above**
- C. Any 3 of the above**
- D. Any 2 of the above**

Response: D. Any 2 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

1. There are various bodies/cells/committees in the college for organizing academic, extra-curricular and co-curricular activities. The details of various activities and committees are available in the college directory. These committees consist of conveners, faculty members, staff and student representatives. The annual academic calendar of the college sets the roadmap for all the activities which are to be carried throughout the year. There are regular meetings of these committees with the Principal well in advance of the date and time mentioned in the annual academic calendar. These committees assist, suggest and monitor the college authorities by giving fruitful inputs and guidelines for the proper management of the college. The minutes of the committees are taken into consideration in the general administration of the college. Their resolutions are implemented thoroughly. The Principal calls the meetings of various committees and cells in order to decide on policy matters and in case some exigency. The minutes of various committees serve as the guideline for administration.

2. Evidence of Implementation of Resolutions of Minutes:

The college realized that it is essential to establish a link between learning and producing knowledge and entrepreneurship. To this effect, a meeting of all Heads of Departments was convened under the chairmanship of the Principal. In this meeting the very idea of establishing an 'Incubation Centre' was discussed and it was one of the resolutions of the meeting. Based on this resolution the Principal in consultation with the Bursars and Head Clerk issued the order for setting up an 'Incubation Centre' and it is available today. Similarly, before the Alumni Meet was organized in March 2019, a resolution to the effect was taken in the meeting of Heads with the Principal. Subsequently, various committees were constituted and notified to hold the function successfully.

1. Another example is the publication of College Journal and Magazine on time which is resolved in the meeting of Heads with the Principal and the same is communicated to the Editorial Board.

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

- The College takes care that the employees can comfortably connect with the Institution. Giving advance amount in case of emergency to the teaching and non-teaching staff is one of such measures that can facilitate the humanitarian goals of the Institution.

- Maternity and paternity leaves are granted to the employees according to the norms of the Patna University.
- The employees of the Patna Science College get healthcare benefits according to the Govt norms. Patna University Central Dispensary extends free medical support to the staff and the students of the College.
- The staff of the College are entitled to get Pension and other post-superannuation benefits, like the Gratuity and the Provident Fund and loan facilities from the Provident Fund according to the norms set by the University and the Govt of Bihar.
- The College honors the current teachers and students on special achievements. The College also invites and honors the former teachers and distinguished alumni to the campus at moments of cultural functions.
- In many cases, the non-teaching staff of the college are provided with office uniform according to the provisions and norms.
- Additional need-based financial support is provided to the faculty members under emergency conditions after due consideration in the Staff Council meetings.

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 0

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 4.44

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	0	0	0	0

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The College keeps close vigil on the performance of the teachers and the non-teaching employees. Every year teachers are required to fill the Annual Report in which they are required to give information regarding the university result of the batches they taught, application of new teaching methods in the classes, the details of research publications in journals and books during the year including participation, presentation of Research Papers in National / International Seminars / Conferences, in-Service training, extra classes conducted for the weak students; contribution to the college activities and to the functioning of the college administration as member of different committees; number of days spent in admission, teaching, evaluation, examination works etc. Teachers get promoted to the higher level on the basis of CAS scheme as prescribed by the UGC and adopted by the Patna University, Patna.

The College has initiated a system of appraisal through Students' Satisfaction Survey through questionnaires last year. The College has started keenly observing and evaluating the feedback received

from the students, and has made it a point of utmost importance to bring about reforms on the basis of the suggestions received.

The performance of appraisal of non teaching staff is done on the basis of regularity and punctuality; honesty and dedication to the work for which they have earned some reputation; ability to work efficiently and with intelligence; their acquaintance with rules & orders and their intention to follow them; knowledge and skills in dealing with matters of their concern; proficiency in typewriting and shorthand; capacity for work with others etc. wherever it is applied.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

At the end of the service book of every financial year, the cash-book and other relevant registers in the accounts section is checked and audited at internal level. The bursar of the college takes care of the income and expenditure. The cash-registered is compared with bank statement and any anomaly is sorted out. Moreover audit is conducted by private auditor also. The objections by the auditor are complied. The cashier of the college keeps record of various incomes and sends the amount collected from different sources to the bank. Overall there is a transparent mechanism of financial operations functional in the college even though there is a need of automation of the accounts section of the college. The proposal for office automation is likely to be sent very soon to the University.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The Principal sources of funds for the college are, Grants from the state government for salary of regular staff, development grants received from UGC, development fees collected from students and fees collected from the students enrolled in the courses run under self financing schemes. The funds received from the

UGC are clearly mentioned for which purposes they are granted. The grants received from the state government are also under special heads and they are spent for the purposes they are meant. The institution has at its disposal the funds collected from the students and from the students of the self financing courses. These funds are made use of for the various needs that come up from time to time. The college does not get fund from the state government for the maintenance of the college; therefore, these funds are very useful for the college. The chief deficiency of the college is the non fulfillment of the various teaching and non teaching posts. Sanctioned non teaching posts are also insufficient. These posts are filled with the funds raised from students. College also receives grants and some donations from the dignitaries of government and Bihar city during college functions. Such funds are for specific purpose only. All the fees to be received from the students are clearly mentioned in the college prospectus according to different heads. College also sends some fees to the affiliating university. The Principal, Bursar and the committees of the college monitors the use of resources received from the state government, UGC and fee from the students. Finance committees and the Management board; review the use of resource make recommendation for better handling of resources and effective mobilization of available funds. Every department prepares the yearly plan and expected expenditure involved and presents it to the Principal. The Principal present proposals are sent to the Management of the college for approval.

Institutional budget is prepared by College Development Committee every year taking into consideration of recurring and nonrecurring expenditures. Along with this, all coordinators of different cells are instructed to submit their budget to Principal. All the major financial decisions are taken by the Principal. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and after the negotiations purchase order are placed. The payments are released after delivery of respective goods. It is done as per the terms and conditions mentioned in purchase order. All transactions have transparency through bills and vouchers. The bill payments are passed after testing and verification of items. Only authorized persons operate the transaction through bank. Financial audit is conducted by chartered accountant every financial year to verify the compliance.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

The Patna Science College has been a historically important centre for science education and research of this country. The College is moving forward taking along its glorious tradition of imparting scientific temper and knowledge. Keeping pace with the changing scenario of science and technology education in the country and the globe, the College is keen not only to add significantly to the existing knowledge base of the basic sciences but also to promote, preserve and disseminate its contribution. At the same time, the College is crucially aware of the need for connecting the science education and knowledge with other branches of knowledge. This is possible only through continuous interactions of the core branches of any of the department with other branches of the neighboring or allied departments. This not only enriches the research potential of the Institution but also contributes to the knowledge created to become versatile and applicable. With this background understanding of its role in the current world of science knowledge, the college has maintained the following best practices.

- **Best Practice 1:**

- **Title of the Practice:**

The Patna Science College regularly publishes its research journal entitled the 'Journal of Patna Science College'.

- **Goal:**

To promote, preserve and disseminate fundamental research in basic sciences and allied areas.

- **The Context:**

The historical contribution of the College to the science education and research, and also the growing contemporary thrust upon research and innovation have facilitated the publication of the journal.

- **The Practice:**

This journal has an ISSN, which is 2347-9604. Until very recently the journal was enlisted in the list of UGC recognized journals. This is an annual research publication platform of the College, in which the teachers, the students and the research scholars registered under the Patna University working in the College campus publish their research works. Apart from the in-house authors contributing to the journal, the College is proud of the fact that the teachers and researchers from all over the country enrich the volumes by their valuable contributions.

- **Evidence of Success:**

The Journal now has been published for the last six consecutive years. A digital copy of the latest volume of the journal (Volume- 6, 2018) is available on the College website.

- **Resource:**

The Journal is published with the internal resources available with the College.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

IQAC reviews its teaching learning process, structures & methodologies of operation annually. It also verifies the learning outcomes periodically through student feedback and departmental meetings. IQAC found that the teaching method must be made more interactive and more visual in the benefit of the students. IQAC of the college has initiated a number of steps for making the teaching learning more interactive:

1. The seminars and workshops are conducted for the faculty.
2. Examining students by conducting internal test assessments.
3. Holding extra classes for course completion on time.
4. Arrangement of remedial classes, doubt clearing classes for slow learners.
5. Establishment of Research Promotion Cell in order to encourage research activities.
6. Procuring necessary facilities in Seminar/Conference Halls, Smart Class Room, Laboratories and Multi Purpose Auditorium.
7. Automation of library.
8. Provision of Wi-Fi facility and smart classes.
9. Increased usage of ICT Tools in teaching learning process.
10. Preparation of course plan at the beginning of every session.
11. Implementation of Online Admission System process.

Through the initiatives of IQAC, all laboratories in the college has been updated and upgraded with new instruments, equipments, computers, printers, Wi-Fi networking, smart boards, video camera, recording facility in media lab, laptops to faculty, desktops to departments etc. Apart from the physical faculty for the enhancement of the teaching learning, there are two distinct initiatives which have been introduced in the college on the recommendation of the IQAC of the college. Faculty members have been motivated to record their lectures and place them on the YouTube channel of the college and made them available to the students. This is in addition to motivating students for watching important lectures on YouTube uploaded by experts from other reputed institutions.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 2.4

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	2	3	3	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: D. Any 1 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

Patna Science College was accredited by NAAC with a grade of B++ in the year 2007. A major recommendation of the peer team was discussed among the faculty members with a plan to implement quality initiative changes.

The IQAC unit was constituted in the year 2012. Though we kept our pace with the conventional and basic science in the curriculum three self financing courses were launched in 2007. With the passage of time the curriculum has been updated and modern methodology of teaching has been adopted. The teachers are using ICT tools while imparting knowledge to the students. The WiFi scheme supported by the Government of Bihar is being fully utilized by the students and faculty members. We are trying to catch up with the e governance and are in the process of automation of the office and allied units.

The strong alumni base of our college is our strength. Our alumni are placed in well established scientific organizations both national and international. They frequently visit their alma mater and interact with the students of the college. Of late new faculty members have joined and guest faculty members are fulfilling the gap. The faculty members have been awarded with major research projects by ISRO, UGC, MoEF, state departments and culture of research is in progress. The recently signed MoU with the State Disaster Management Authority will provide desired impetus for a course in disaster management.

Career and Counselling Cell established by the college provides guidance to the students for different level

of competitive examinations. Reputed Career counselors are invited regularly to interact with the students. The students are taken for field training and also attend internship at reputed organization. The college publishes its own in house research journal and college magazine annually. The participation by students in this creative endeavor is satisfying.

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 5

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description

Document

List of gender equity promotion programs organized by the institution

[View Document](#)

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

The College is acutely aware of the ethos of equality conceived by the society and the rights of equity enshrined in the Constitution. Gender Sensitivity is one of these ethos that need to be carried forward and is also one of such rights that demands tangibility in practices in everyday life. Efforts are made for bridging the gaps between the genders and also for promoting a sense of unity among our students through various academic and extra-curricular activities.

The College has had enough arrangements for security and they are especially designed so as to serve the safety requirements of the female students. The female security guards are instituted at gender sensitive areas of the college premise. The students of the College are sensitized enough to create social awareness regarding gender sensitivity on campus and also outside of it. This, in turn, leads to the creation of a sense of social security for the female students within the campus. The campus is well-lighted and at nights, it remains enough illuminated so as to prevent happening of any untoward incidents. The College is also well-equipped with CCTV cameras to make relentless watch on the incidents happening within the campus possible.

The teachers of the College take good and intimate care of the students, who, at any moment, may freely

approach the administration for any kind help. Apart from this mechanism of close interaction with the students, the College frequently requests some external agencies, especially members from the Institute of Psychological Research and Service (IPRS) of the Patna University for psychological counseling of the students, especially female students in distress.

The College has separate Common Rooms for Boys and for Girls. The Girls' Common Room is situated at the first floor of the erstwhile Teachers' Club above the present Canteen. This facility is taken regular taken care of by a Committee constituted of female teachers and students. The non-teaching employees entrusted with the responsibilities of keeping the room safe and in good shape regularly take good care of the safety and cleanliness of the same.

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 0

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

7.1.3.2 Total annual power requirement (in KWH)

Response: 2400

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 10

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 216

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 2160

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management

- **Liquid waste management**
- **E-waste management**

Response:

The College is very well aware of the environmental degradation that is taking place across the globe and commits itself towards the protection of the natural environment around its premise. The Institution feels that by implementing a smoothly functioning waste management system, it can significantly contribute to the cause of environment protection, at least at the local level.

Keeping this in view, the College has placed solid waste bins at different corners of the campus in adequate numbers. The staff and the students are made increasingly aware to use them to the greatest extent. Efforts are also made to sensitize the cleaning staff to dispose the solid wastes in proper manner and especially to recycle them as much as possible instead of burning them. The Patna Science College campus is also the home for a Solid Waste Management Facility and two compost pits, which facilitates the production of organic manure although on a decent level.

Dry waste and wet waste are collected separately and deposited into garbage van for further recycling procedure managed by the Corporation. Disposal of waste is done with utmost care. All biodegradable waste is collected in a vermiculite sites to be consecrated onto organic manure which in turn is used in the college lawns. Plastic waste is collected separately and sent to the municipal collection centers for appropriate disposal.

The College regularly takes care that the students are made aware of the e-waste management procedures. The e-waste awareness campaigns have been organized in the College, especially, the one taken place in the recent past with the initiative led by the Ministry of Electronics and Telecommunication, Government of India. In such initiatives, the students have also contacted the common service centres for hand-on training of the e-waste management. The e-wastes are given to the vendors for recycling so that the College may voluntarily make itself a part of the world-wide campaign against environmental degradation.

7.1.6 Rain water harvesting structures and utilization in the campus**Response:**

The country is witnessing environmental extremities at present, in which a part it is found to be heavily flooded, on the one hand, and another lies in drought situation, on the other. The College realizes that the rain water harvesting measures are capable of not only save the locality from drought, but also can be instrumental in keeping the balance between the supply and the availability of water resources.

One rainwater harvesting structure is located in the College campus to be specific. The College has conceived that this can be used for the recharge of the ground water. Rain water harvesting is also a part the curricula of the undergraduate programmes in the Departments of Geology and Environmental Science. The students visit the rainwater harvesting facility to increase their practical knowledge and also to get facilitated with hands-on training. The College is currently planning to extend this facility to other

buildings of the campus too.

The College is also trying to channelize the rain water to naturally made pits and reservoirs by leveling and structuring the terrains that fall within the College campus.

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The College is located in the older part of the City of Patna, and the academic blocks and the hostels are located in close vicinity of the main campus. It is quite normal a practice among the students and the staff who reside in the nearby areas to use bicycles to commute to the campus and back. The College has also notified the students and staff to use bicycles and other modes of green transportation as much as possible as a part of its awareness campaign for the protection of the environment around.

The College is a part of the Patna University's initiative to make public transport available for the students and the staff in unique ways. Like the University has collaborated with the Bihar State Transport Corporation for plying in a dedicated route, from the Gandhi Maidan to the NIT More, which has Patna Science College as an important stop. The students and the staff are able to travel on these buses in concessional fares. Apart from that, the teachers of the College regularly but informally interact with the students convincing them to understand the values of using various modes of public transport and green transport.

The roads within the College campus are not too frequented with personal vehicles, and that is an added advantage for the College to offer more space to the pedestrians. The College campus is spread over an area covering over 28 acres, and this gives immense opportunity to the strollers for walking down the campus with relative ease. The big field located within the campus offers enough space for strolling, walking and other activities related to physical well-being. The College is also planning to make the roads wider and to equip them with pedestrian-friendly infrastructures.

The College is a notified 'Plastic-free Zone', and this has been displayed adequately at different corners of the campus. The College takes care of the proper disposal and recycle of the plastic wastes on the occasions when it is forced to use plastic items like bottles of packaged drinking water or foils bought from outside. The College is putting more and more stress on the automation, and this is reflected in the growing use of computers and other digital platforms in administrative, official and academic matters. The Departments are encouraging the students to use digital platforms as much as possible. The notices, in many cases, are now being circulated through e-mails and whatsapp groups. Tree plantation programme is a regular feature of the social activities that the College carries out, and this is especially facilitated by the College unit of the National Service Scheme (NSS).

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**Response:** 0.08

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.197	0.2	0.25	0.2	0.2

File Description**Document**

Details of expenditure on green initiatives and waste management during the last five years

[View Document](#)**7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:**

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above**B. At least 6 of the above****C. At least 4 of the above****D. At least 2 of the above****Response:** D. At least 2 of the above**File Description****Document**

Resources available in the institution for Divyangjan

[View Document](#)

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**Response:** 7

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	2	3	1	0

File Description**Document**

Number of Specific initiatives to address locational advantages and disadvantages

[View Document](#)**7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)****Response:** 0

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

7.1.12**Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff****Response:** Yes**7.1.13 Display of core values in the institution and on its website****Response:** Yes**7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations****Response:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 2

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	0	0

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

The College celebrates with utmost respect and importance the festivals of national importance, especially the Independence Day, the Republic Day and the birth anniversary of Mahatma Gandhi, the Father of the Nation. The students and the staff along with the NSS unit of the College take part in the centralized programmes held by the Patna University on the occasions of the Republic Day and the Independence Day. It is a matter of great pride that the centralized programme of the Patna University on the occasion of the Republic Day is hosted and chiefly organized by the College. The College each year observes the birth anniversary of Mahatma Gandhi and also of Babasaheb Ambedkar with due respect through different cultural functions. The College has also organized such significant programmes for building up and spreading the awareness on nation and its constitution as the Speech Competitions on the occasion of the Republic Day and the Youth Parliament etc.

Co-curricular activities play quite a significant role in building the character and boosting the confidence of

the students. Keeping this in view, the College regularly organizes cultural and sport-related activities on campus. The Departments of English and Hindi taking all the stakeholders of the College along have always taken meaningful steps in this direction. The College commemorates the birth anniversaries of such great litterateurs of our nation as Rabindranath Tagore and Munshi Premchand, whose contributions towards decolonizing, modernizing and enriching the literatures and languages they have written in, are considered among the best in the world. When it comes to break the shackles of both physical and psychological colonization through language and literature, the subcontinent has shown the path to the world, and the UNESCO has declared 21 February of each year as the International Mother Tongue Day. The College has made itself a party to this project of decolonization by observing '*Matribhasha Divas*' on Campus, in which the students are made aware of the socio-historical contextualities of and the dire need to learn and apply more and more one's own mother tongue as the best way to unlearn the burden of linguistic colonialism. In addition, the College is committed to nurturing human and democratic values among students through such activities as speech competitions, debate, poster competitions among many others.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Our institution believes in maintaining complete transparency in its financial, academic, administrative & auxiliary functions. Considering the financial matters college appoints internal auditors every year. The College, being an integral part of the Patna University, is bound to follow the norms and regulations of the University, and it is committed to perform that effectively and transparently.

The College promotes a culture of participative management. The College encourages active participation and involvement of all the staff members in meetings. Staff members are persuaded to contribute in the meetings by sharing their views and by giving valuable suggestions. Further, the College has successfully developed various committees which require participation of all the members from teaching, staff and student-bodies.

Campus Development Committee: It comprises the senior teachers from different departments, committees as well as students' representatives. It deliberates on the College calendar, matter of policy, introduction of new courses, holding of functions, distribution of duties and day to day problems. The committee helps the Principal in the management of the affairs of the College and advises him on all institutional matters. It also assists administration in maintaining discipline and assuring smooth functioning in the college.

Admission Committee: This committee is before the beginning of new session to perform the task of taking admission. It is headed by senior professors and bursars and comprises of other faculty members and non-teaching staff.

Examination Committee: Headed by the Controller of Examinations, the committee undertakes the responsibility of complete coordination related work- from notification of examination dates the final evaluation and declaration of results. The Controller of Examinations also makes sure that the University Result is properly distributed to concerned students.

Library Advisory Committee: Headed by Prof-in-charge Library plan, coordinate and decide on the various activities of the library- from purchase of new books to adding facilities in the library as per the requirement of the library users.

Purchase Committee: The members of this committee coordinate and oversee all purchases of the College.

RTI Cell: The task of this cell is to make a sound response to various queries made by people about various issues related to the functioning of the College. It comprises of senior faculty members and Head Assistant of the office.

Time table Committee: It consists of faculty from different departments. They make the College time table and ensure proper distribution of the time schedule both for faculty and students.

Most of the important or relevant decisions and information are transparently communicated to the concerned stakeholders and also are notified and displayed on the Patna Science College website: <http://www.patnasciencecollege.org/>

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

- **Best Practice 1:**
- **Title of the Practice:**

The Patna Science College regularly publishes its research journal entitled the 'Journal of Patna Science College'.

- **Goal:**

To promote, preserve and disseminate fundamental research in basic sciences and allied areas.

- **The Context:**

The historical contribution of the College to the science education and research, and also the growing contemporary thrust upon research and innovation have facilitated the publication of the journal.

- **The Practice:**

This journal has an ISSN, which is 2347-9604. Until very recently the journal was enlisted in the list of UGC recognized journals. This is an annual research publication platform of the College, in which the teachers, the students and the research scholars registered under the Patna University working in the College campus publish their research works. Apart from the in-house authors contributing to the journal, the College is proud of the fact that the teachers and researchers from all over the country enrich the volumes by their valuable contributions.

- **Evidence of Success:**

The Journal now has been published for the last six consecutive years. A digital copy of the latest volume of the journal (Volume- 6, 2018) is available on the College website.

- **Resource:**

The Journal is published with the internal resources available with the College.

- **Best Practice 2:**

- **Title of the Practice:**

The Patna Science College invites its distinguished alumni placed in important positions at established institutions across the country and the globe for regular interactions with the students, delivering lectures, engaging classes, sharing research and professional experiences and career guidance.

- **Goal:**

To closely integrate the historic alumni base of the College along with their rich treasure of knowledge with the present prospect of it, and to expose the current students more to the wider arena of contemporary research and education.

- **The Context:**

Established in 1927, the College is one of the oldest institutions for science research and education. The College thus has a long history of producing distinguished alumni, who are placed in commendable positions at various institutions across the country and the globe. The present practice is the result of the meditation of the College on the prospect of having such a strong and rich alumni base.

- **The Practice:**

This alumni visit the campus for regular interactions with the students, delivering lectures, engaging classes, sharing research and professional experiences and career guidance on regular basis. The College feels pleased to mention the fact that the alumni serve their alma mater free of cost and out of their sense of attachment and obligation with this institution.

- **Evidence of Success:**

The students feel more energized, exposed and enriched by the presence of these eminent personalities. They also feel more attached to the College. This practice provides the students with avenues for finding better ways of success.

- **Resource:**

The College is proud of the fact that the alumni visiting the campus manage the expenses for their visits on their own and thus relieve the institution from many burdens. The College honors them with tokens of appreciation.

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

In consonance with the vision and mission of the Patna Science College, the thrust of the Institution is to impart multi-dimensional and holistic development with special focus on teaching, learning and research in the field of Basic Sciences along with nurturing human values contributing towards the nation and the society. Being one of the oldest premier institutions, the College has witnessed a glorious journey and contributed richly to the field of science. The Institution aims at providing the youth with an education of science by incorporating endeavors to create an environment which generates a love of learning, a habit of critical thinking and ability for accurate expression.

As an educational institution the emphasis lies on imparting education in the most effective manner. To attain this, the College ensures that classes are regularly conducted with sincerity and theoretical teaching is adequately supplemented with practical laboratory sessions and tutorials. In addition, remedial classes are also arranged as per the needs of the students. Keeping in mind the specific needs for the curricula, field visits, internships and hands-on trainings are undertaken by the College in collaboration with other institutions and industries across the country. For example, the students visit such Institutions and industries of repute, both at the National and the State levels, as the Geological Survey of India, the Central Ground Water Board, the Bihar State Disaster Management Authority, the Mahaveer Cancer Sansthan and Research Centre, the Office of the Superintendent Engineer of the South Bihar Power Distribution Company Ltd, the Hindustan Media Venture Ltd., the State Rays Edutech Pvt Ltd. etc.

A distinctive feature of the College is its spacious and specially-equipped laboratories for conducting

researches and practical sessions specific to the programmes taught to the basic and applied science undergraduates. The laboratories in the Department of Physics have been designed in such a way that some rooms are well-lit, some are partly-lit while some of them are totally dark even during the day times. This unique feature specially helps the researchers to conduct experiments in the field of Spectroscopy. A well-maintained museum is a proud part of the Department of Geology that is home for various rocks, fossils and minerals from widely distinct territories across the globe. The Department of Zoology has Electron Microscopy Laboratory, Dark Room, Museum, Store and Research Laboratories of Biochemistry etc. similarly, the Department of Botany is deservedly famous for maintaining a Botanical Garden enriched with various herbs and plants, which provide a venue for research and experiment. These features create an environment for innovation in teaching and research in the field of basic and applied sciences.

Each department is equipped with a rich departmental library and reading hall. Keeping abreast of the recent technological advancements required for effective teaching and research, departments are provided with desktops, laptops, projectors and other ICT facilities. The Campus is endowed with the wi-fi facility and subscription to the INFLIBNET-NLIST to access e-resources for learning. In this way, the College is able to create an environment that serves the Institution's goal of the creation, promotion and dissemination of knowledge towards building a viable knowledge society.

Of late, to propel the learning students towards abilities to earn and thus to make them self-sufficient while studying, the College has established an Incubation Centre, which serves as an important centre for innovation and entrepreneurship.

Combined with academic excellence, the college provides a holistic framework for inculcating interpersonal development of students and also to humanize the scientific temperament existing in them. To achieve this, the College is always conscious in creating an ambience in which students are able to participate in extension, sports and co-curricular activities.

As reflected in the vision of the College, its commitment to serve the nation and society, our students participate in various extension activities such as Awareness Programmes on Disaster Management, World Population Day Rally, Special Camp on Mobilizing Youth towards Clean and Digital India, Voter Awareness Programmes, Communal Harmony Day Campaign, Fire Safety Rally, World AIDS Day Rally, Blood Donation Camps etc. The College takes initiatives for organizing various days of national and international importance such as Independence Day, Republic Day, Gandhi Jayanti, Ambedkar Jayanti, Rashtriya Yuva Diwas, International Yoga Day, National Unity Day etc. The College Unit of the National Service Scheme (NSS) plays an important role in organizing and supervising such extension programmes.

Co-curricular activities play quite a significant role in building the character and boosting the confidence of the students. Keeping this in view, the college regularly organizes cultural and sport-related activities on campus. The Departments of English and Hindi taking all the stakeholders of the College along have always taken meaningful steps in this direction. The College commemorates the birth anniversaries of such great litterateurs of our nation as Rabindranath Tagore and Munshi Premchand, whose contributions towards decolonizing, modernizing and enriching the literatures and languages they have written in, are considered among the best in the world. The College has made itself a party to this project of decolonization by observing '*Matribhasha Divas*' on Campus. In addition, the College is committed to nurturing human and democratic values among students through such activities as speech competitions, debate, poster competitions among many others. Annual Sports Meets are regularly organized in the College to encourage the students in making themselves fit and strong through games and sports.

For the promotion of Gender Sensitivity and Equality, the College has a Gender Equality Cell and a Committee for Prevention of Sexual Harassment. The College actively adopts measures for the promotion of environmental consciousness and preservation of the natural greenery in the Campus. Such green initiatives as plantation drives, encouragement for using bicycles and modes of public and green transport, declaration of the campus as a 'Plastic Free Zone' etc have been taken. A Solid Waste Management Facility and a Rainwater Harvesting Facility also contribute to the vision and mission of the College for maintaining and promoting an environment friendly campus for the holistic growth of its stakeholders.

NAAC

5. CONCLUSION

Additional Information :

With the realization that now it is no more feasible to remain confined to the academic excellence only, and every institution has to take steps to relate the function of knowledge production with skill development, employment generation and extension activities. Keeping this in view, the college has established an Incubation Centre which will enable students achieve financial and social stability.

Co-curricular activities play quite a significant role in building the character and boosting the confidence of the students. Keeping this in view, the college regularly organizes cultural and sport-related activities on campus. The Departments of English and Hindi taking all the stakeholders of the College along have always taken meaningful steps in this direction. In the last one year, the College has commemorated the birth anniversaries of such great litterateurs of our nation as Rabindranath Tagore and Munshi Premchand, whose contributions towards decolonizing, modernizing and enriching the literatures and languages they have written in, are considered among the best in the world. When it comes to break the shackles of both physical and psychological colonization through language and literature, the subcontinent has shown the path to the world, and the UNESCO has declared 21 February of each year as the International Mother Tongue Day. The College has made itself a party to this project of decolonization by observing '*Matribhasha Divas*' on Campus, in which the students are made aware of the socio-historical contextualities of and the dire need to learn and apply more and more one's own mother tongue as the best way to unlearn the burden of linguistic colonialism. In addition, the College is committed to nurturing human and democratic values among students through such activities as speech competitions, debate, poster competitions among many others. There is a rich tradition of organizing cultural events under the supervision of various societies such as 'Cultural Society', 'Debating Society', 'Hindi Sahitya Parishad', 'Bazm-e-Sukhan', 'Bangla Sahitya Sammelan' etc. Our students have performed and won laurels in musical and theatrical events in various inter-college and inter-university events.

Concluding Remarks :

The College ha an impressive, aesthetic and heritage infrastructure created over the years combined with the potential of the young faculty. There is further need for channelizing the energies of the experienced faculties for the further growth of the institution. During the last eight decades the College has created a good education environment in the region. Being an old and very prominent institution in the region it has taken a lead to impart the education in this region. A good number of students are in industry, academics, bureaucrats, politicians.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years</p> <p>1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>11</td> <td>9</td> <td>7</td> <td>10</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>03</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : Meeting held in June 2019 can not be considered in academic session 2017 - 18 Invitation/offer letters for other four academic years are not provided</p>	2017-18	2016-17	2015-16	2014-15	2013-14	12	11	9	7	10	2017-18	2016-17	2015-16	2014-15	2013-14	03	0	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
12	11	9	7	10																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
03	0	0	0	0																	
1.3.3	<p>Percentage of students undertaking field projects / internships</p> <p>1.3.3.1. Number of students undertaking field projects or internships</p> <p>Answer before DVV Verification : 582</p> <p>Answer after DVV Verification: 582</p>																				
1.4.1	<p>Structured feedback received from</p> <p>1) Students, 2)Teachers, 3)Employers, 4)Alumni and 5)Parents for design and review of syllabus- Semester wise/ year-wise</p> <p>Answer before DVV Verification : C. Any 2 of the above</p> <p>Answer After DVV Verification: E.None of the above</p>																				
1.4.2	<p>Feedback processes of the institution may be classified as follows:</p> <p>Answer before DVV Verification : C. Feedback collected and analysed</p> <p>Answer After DVV Verification: C. Feedback collected and analysed</p>																				
2.1.1	<p>Average percentage of students from other States and Countries during the last five years</p> <p>2.1.1.1. Number of students from other states and countries year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>3</td> <td>13</td> <td>25</td> <td>12</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p>	2017-18	2016-17	2015-16	2014-15	2013-14	8	3	13	25	12										
2017-18	2016-17	2015-16	2014-15	2013-14																	
8	3	13	25	12																	

2017-18	2016-17	2015-16	2014-15	2013-14
8	0	13	25	12

2.1.2 Average Enrollment percentage

(Average of last five years)

2.1.2.1. Number of students admitted year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
624	698	744	703	698

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
624	699	744	703	698

2.1.2.2. Number of sanctioned seats year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
---------	---------	---------	---------	---------

2.3.3 Ratio of students to mentor for academic and stress related issues

2.3.3.1. Number of mentors

Answer before DVV Verification : 27

Answer after DVV Verification: 26

Remark : HEI input edited according to given clarification

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

2.4.2.1. Number of full time teachers with Ph.D. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
25	27	29	35	35

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
25	27	29	35	35

Remark : One of the provided document is not clear.

2.4.3 Teaching experience per full time teacher in number of years

2.4.3.1. Total experience of full-time teachers
 Answer before DVV Verification : 506 years
 Answer after DVV Verification: 506 years

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

2.4.5.1. Number of full time teachers from other states year-wise during the last five years
 Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	2	2	2	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	0	0	0	0

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
0	25.0	0	0	8.74

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	25.0	0	0	0

Remark : ISRO project is out of assessment period.

3.1.2 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

3.1.2.1. Number of research projects funded by government and non-government agencies during the last five years

Answer before DVV Verification : 2

Answer after DVV Verification: 1

3.1.2.2. Number of full time teachers worked in the institution during the last 5 years

Answer before DVV Verification : 51

Answer after DVV Verification: 51

Remark : Excluding ISRO project which is out of assessment period.

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Answer before DVV Verification : Yes

Answer After DVV Verification: Yes

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.3.3.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
31	11	18	8	5

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
21	7	12	3	2

Remark : Papers published in UGC approved journals are considered.

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

3.3.4.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
30	20	26	20	17

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
12	10	12	6	3

Remark : Data edited according to given document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
09	01	01	00	00

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
32	11	06	02	01

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	3	00	00

Remark : Edited according to provided data photographs of event without any caption are not considered.

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

3.5.2.1. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

4.1.3	<p>Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc</p> <p>4.1.3.1. Number of classrooms and seminar halls with ICT facilities Answer before DVV Verification : 8 Answer after DVV Verification: 0</p>																				
4.1.4	<p>Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.</p> <p>4.1.4.1. Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs) Answer before DVV Verification:</p> <table border="1" data-bbox="308 667 1046 801"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>102.48</td> <td>8087879</td> <td>4084379</td> <td>107.34</td> <td>8045759</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 880 1046 1014"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>102.48</td> <td>80.87879</td> <td>40.84379</td> <td>107.34</td> <td>80.45759</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	102.48	8087879	4084379	107.34	8045759	2017-18	2016-17	2015-16	2014-15	2013-14	102.48	80.87879	40.84379	107.34	80.45759
2017-18	2016-17	2015-16	2014-15	2013-14																	
102.48	8087879	4084379	107.34	8045759																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
102.48	80.87879	40.84379	107.34	80.45759																	
4.2.3	<p>Does the institution have the following:</p> <ol style="list-style-type: none"> 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases <p>Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: E. None of the above</p>																				
4.2.4	<p>Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)</p> <p>4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs) Answer before DVV Verification:</p> <table border="1" data-bbox="308 1892 1046 2027"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>8088</td> <td>7500</td> <td>73758</td> <td>9000</td> <td>109200</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	8088	7500	73758	9000	109200										
2017-18	2016-17	2015-16	2014-15	2013-14																	
8088	7500	73758	9000	109200																	

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0.008088	0.007500	0.007375	0.009	1.09200

4.2.6	<p>Percentage per day usage of library by teachers and students</p> <p>4.2.6.1. Average number of teachers and students using library per day over last one year Answer before DVV Verification : 60 Answer after DVV Verification: 60</p>																				
4.3.3	<p>Available bandwidth of internet connection in the Institution (Lease line)</p> <p>Answer before DVV Verification : 5-20 MBPS Answer After DVV Verification: 5-20 MBPS</p>																				
4.4.1	<p>Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years</p> <p>4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs) Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>102.1</td> <td>887865</td> <td>40843</td> <td>107.3</td> <td>804573</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>180.2565</td> <td>185.1882</td> <td>502.6149</td> <td>617.4535</td> <td>514.6253</td> </tr> </tbody> </table> <p>Remark : Edited according to data provided.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	102.1	887865	40843	107.3	804573	2017-18	2016-17	2015-16	2014-15	2013-14	180.2565	185.1882	502.6149	617.4535	514.6253
2017-18	2016-17	2015-16	2014-15	2013-14																	
102.1	887865	40843	107.3	804573																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
180.2565	185.1882	502.6149	617.4535	514.6253																	
5.1.1	<p>Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years</p> <p>5.1.1.1. Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>237</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>237</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	150	237	0	0	0	2017-18	2016-17	2015-16	2014-15	2013-14	150	237	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
150	237	0	0	0																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
150	237	0	0	0																	

5.1.3	<p>Number of capability enhancement and development schemes –</p> <ol style="list-style-type: none"> 1. For competitive examinations 2. Career counselling 3. Soft skill development 4. Remedial coaching 5. Language lab 6. Bridge courses 7. Yoga and meditation 8. Personal Counselling <p>Answer before DVV Verification : D. Any 4 of the above Answer After DVV Verification: E. 3 or less of the above Remark : Document of only one program is provided</p>																				
5.1.4	<p>Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years</p> <p>5.1.4.1. Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1346 1046 1480"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>500</td> <td>500</td> <td>500</td> <td>500</td> <td>500</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1561 1046 1695"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>46</td> </tr> </tbody> </table> <p>Remark : HEI input edited as per given document</p>	2017-18	2016-17	2015-16	2014-15	2013-14	500	500	500	500	500	2017-18	2016-17	2015-16	2014-15	2013-14	00	00	00	00	46
2017-18	2016-17	2015-16	2014-15	2013-14																	
500	500	500	500	500																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
00	00	00	00	46																	
5.1.6	<p>The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases</p> <p>Answer before DVV Verification : Yes Answer After DVV Verification: Yes</p>																				
5.2.3	<p>Average percentage of students qualifying in State/ National/ International level examinations during</p>																				

the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
120	120	120	120	120

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

5.2.3.2. Number of students who have appeared for the exams year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	10	07	02	01

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	1	0	0	0

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	12	12	12

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
6	6	6	6	6

Remark : Events are counted not individual activities.

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

Answer before DVV Verification : 1 Lakh - 3 Lakhs

Answer After DVV Verification: <1 Lakh

Remark : Data edited according to given documents.

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

5.4.3.1. Number of Alumni Association /Chapters meetings held year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

Remark : 2019 event can not be considered.

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	0	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
6	0	0	0	0

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
3	4	3	2	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
4	2	3	3	0

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	2	2	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

7.1.8.1. Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
0.197	0.2	0.25	0.2	0.2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0.197	0.2	0.25	0.2	0.2

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift

3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Answer before DVV Verification : C. At least 4 of the above

Answer After DVV Verification: D. At least 2 of the above

Remark : Photo of ramp is provided only hence input is edited

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years
7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	3	1	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	2	3	1	0

Remark : Program conducted on 23 /may 2019 can not be considered.

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	5	4	3	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Answer before DVV Verification : Yes

Answer After DVV Verification: Yes

7.1.16	<p>The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions</p> <p>Answer before DVV Verification : Yes Answer After DVV Verification: Yes</p>																				
7.1.17	<p>Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years</p> <p>7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 707 1046 842"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>7</td> <td>8</td> <td>6</td> <td>5</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 920 1046 1055"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : Input edited according to provided documents</p>	2017-18	2016-17	2015-16	2014-15	2013-14	8	7	8	6	5	2017-18	2016-17	2015-16	2014-15	2013-14	2	0	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
8	7	8	6	5																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	0	0	0	0																	

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of students year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="197 1417 986 1529"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>624</td> <td>699</td> <td>744</td> <td>703</td> <td>698</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" data-bbox="197 1608 986 1720"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>624</td> <td>699</td> <td>744</td> <td>703</td> <td>699</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	624	699	744	703	698	2017-18	2016-17	2015-16	2014-15	2013-14	624	699	744	703	699
2017-18	2016-17	2015-16	2014-15	2013-14																	
624	699	744	703	698																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
624	699	744	703	699																	
2.2	<p>Number of sanctioned posts year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="197 1879 986 1991"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>63</td> <td>63</td> <td>63</td> <td>63</td> <td>63</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p>	2017-18	2016-17	2015-16	2014-15	2013-14	63	63	63	63	63										
2017-18	2016-17	2015-16	2014-15	2013-14																	
63	63	63	63	63																	

2017-18	2016-17	2015-16	2014-15	2013-14
43	43	43	43	43

3.2 Number of computers
Answer before DVV Verification : 60
Answer after DVV Verification : 43

NAAC