



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

**PATNA UNIVERSITY**

**ASHOK RAJPATH, NEAR PATNA COLLEGE  
800005**

**<https://www.patnauniversity.ac.in>**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**March 2019**

# 1. EXECUTIVE SUMMARY

---

## 1.1 INTRODUCTION

Patna University, established by Act of Legislature on 1st October, 1917, is seventh oldest University in Indian subcontinent and first in Bihar. It was established to cater to the expanding needs of higher education of Bihar, Orissa and Nepal and remained the only University of Bihar till January 1952. It became Residential University, but continued to be an examining body of institutions in Nepal till Tribhuvan University, Kathmandu was established. After Utkal University, Bhubaneswar, was founded Patna University ceased to exercise control over institutions in Orissa.

University offers a conducive environment for pursuing quality research, provides assistance and imparts skill to all sections of society, especially the underprivileged. Many alumni occupy significant positions in various fields and have immensely contributed towards its rich academic heritage. Several alumni were honoured by distinguished awards namely, 2 Bharat Ratna, 1 Padma Vibhushan, 1 Gyanpeeth, 4 Padma Bhushan, 18 Padma Shree, 6 Sahitya Akademi, 3 Lalit Kala Akademi, 1 Swarna Jayanti Purshkar of National Academy of Science, 1 Medal NRDC, 1 Birbal Sahni and 1 P. Maheswari Gold Medal. Many national and internationally known public figures have visited the University.

University has two campuses, main campus and Saidpur campus, and ten constituent colleges namely, **B. N. College, Patna College, Patna Science College, Patna Women's College, Magadh Mahila College, Patna Training College, Patna Women's Training College, Patna Law College, College of Arts & Craft and Vanijya Mahavidyalaya**. University does not give affiliation to any college. There are 31 Post Graduate Departments, Printing Press, Works Department, Central Dispensary, Museum in Ancient Indian History & Archaeology, Physics, Geology, Geography, Zoology, State of Art Laboratory in Department of Botany, Central Instrumentation Facility and Dolphin Research Laboratory.

University offers 135 programmes in faculties of Humanities, Social Science, Science, Education, Commerce and Law. These are D.Sc./D.Litt. (02), Ph.D. Programmes(39), Masters Programme(42), P.G. Diploma (09), Bachelor Degree Programmes (18), U.G. Advance Diploma, U.G. Diploma and U.G. Certificate Programme(25).

University functions through participative governance with Vice Chancellor as executive head. University has 3759 students currently studying in different programmes in Post Graduate Departments. About 60% of students in Masters Programmes are women.

### Vision

Our vision comprises responsible revaluation of the rich scholastic tradition of Patna University and focuses on dynamics of future challenges to build worthy human values and capital for Bihar, India and the World.

### Mission

- To build a scholarly community engaged in regular and committed teaching, quality-research, co-

curricular and socially productive activities, timely and fair examinations.

- To provide intellectual integrity and artistic freedom to facilitate the microcosm of an enlightened civilization.
- To build an institution through democratic, disciplined and committed participation.
- To contribute to the resurgence of inclusive development in Bihar.
- To render Patna University one of the most preferred destinations for students, faculty and scholars.

The perspective plans of the University reflect the values embodied in the vision and mission of the institution, that of knowledge creation, commitment, quality, socially productive activity, intellectual integrity, artistic freedom, creation of enlightened citizenship, democratic functioning and discipline. These are reflected in the Perspective/Strategic Plans (refer to STRATEGIC VISION under Vision Document) of the University.

### **Strategic / Perspective plans:**

- To undertake high end research
- to provide higher education which is characterized by outstanding student experience, exceptionally good learning environment, research productivity, employability of students, wonderful campus environment and committed social responsibility.
- to find solutions to the major challenges of the time affecting our society, country, region and world
- to help the Library in storing and managing information generated due to 'digital deluge' by modernizing e-infrastructure continually and providing opportunities for students and staff to use the latest technologies in learning and research activities

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

1. Patna University is located in the capital city of Bihar, earlier known as Patliputra and Azimabad with a rich cultural and educational heritage. It has produced personalities of eminence such as Aryabhata, Chanakya, Veer Kunwar Singh, Bharat Ratna Rajendra Prasad etc.
2. Established academic legacy of over 100 years.
3. Intellectual capital of Bihar, it is the seventh oldest institution of higher learning in the sub-continent.
4. Contributed to the freedom struggle. Many icons like Ramdhari Singh Dinkar and Jayaprakash Narayan continue to inspire our students and teachers.
5. Has got adequate physical infrastructure; most buildings of this university are heritage sites on the banks of Ganga in their own right.
6. Alumni have outstanding contribution in academics, legal, bureaucracy, science & technology, politics etc.
7. Time-tested and diversified academic and research activities with student-centric approach.
8. Cordial relations between teachers and students.
9. The university library has got a rich collection of more than 5000 rare manuscripts and coins.
10. A small university with ten constituent colleges and 31 post graduate departments and institutes, all academically integrated.
11. The university provides an environment conducive to the academic growth of girls; presently more than 60% students enrolled in Masters Programme are girls. A substantial number belong to socially disadvantaged groups/ minority community.

12. Introduced CBCS at PG level with inter-disciplinary approach and value added courses.
13. Value-added courses are available at both PG & UG programmes.
14. Patna University attracts the best talent from different parts of Bihar and neighbouring states.
15. Highly qualified teachers as the majority of teachers are doctorates.
16. Many teachers are PhD examiners, paper setters and members of the BOS, Senate and Syndicate of other universities,
17. Four departments were under UGC SAP.
18. UGC- HRD Centre helps in academic empowerment of teachers.
19. Academic and examination calendar are strictly maintained.
20. Academicians from USA work here under Fulbright fellows.
21. Internships for students in organisations, industry, institutions, non-governmental organisations.
22. Multi-disciplinary scholastic approach for employability and research across disciplines.
23. Encouraging increased exposure to faculty and students through extra-mural lectures, seminars and workshops.

### **Institutional Weakness**

1. The university has no power to appoint teaching and/ or non-teaching staff as a result of which a large number of teaching and non-teaching posts are vacant. The appointment is made by a state-level service commission.
2. The university has to depend on the state government for meeting its financial requirements but the government aids are insufficient for its development needs.
3. Being located in a congested part of the city it has got limited space for further expansion.
4. Most of the structures are old and have limited options for further expansion.
5. The university is yet to implement full ICT integration.
6. Limited use of non-conventional energy resources.
7. The University fails to provide desired facility of sports activities and lacks in providing enough number of playgrounds equipped with modern facilities.
8. Maintenance of grounds and buildings are impeded by fund crunch and inadequate support staff.
9. Spatial constraints impede academic programmes.
10. While cleanliness has improved considerably in the last two years, it has yet to reach acceptable standards.
11. The engineering department responsible for the maintenance of infrastructural facility is grossly inadequate for the purpose.
12. Absence of cafeteria and proper canteen facilities often deny students the possibility of getting generally preferred on campus.

### **Institutional Opportunity**

1. Scope for collaboration for academic and research activities with national and International institutions and industries.
2. Linkage with corporate houses and NGOs for improving R & D activities and employability.
3. Language departments having competent teachers to develop writing skill among students for their absorption in entertainment industry.

4. Effort to reach out to our distinguished alumni occupying positions of eminence all over the world for extending their help and cooperation in implementation of various development programmes of the University.
5. Taking advantages of its localism and rich cultural heritage the university may develop a Centre for Performing Arts.
6. The university promotes research on topics of local socio economic needs.
7. The university may like to introduce short-term diploma/certificate programmes as add-on courses on folk culture and traditional knowledge / art form like Madhubani Painting and Sikki arts.
8. Harness the local language talents of students in the recovery of intangible cultural practices and indigenous knowledge.
9. Provide a wholesome campus environment creating public spheres for discussion, debate and dialogue.
10. Aesthetic landscaping of campus and maintenance of buildings.
11. Encouraging independent initiative by students and fostering its value in the curriculum.
12. Develop co-curricular talents among students to enable building of self-worth and confidence.

### **Institutional Challenge**

1. To take the University on the national forefront by ensuring its all-round growth as compared to the best university in the world and meet the challenges thrown by hon'ble Prime Minister Sri Narendra Modi in his address to the centenary celebration on the 14th of October 2017.
2. To fill up all vacant posts of Professors, Associate Professors and Technical Staff.
3. Initiate exchange programme for students and faculty for capacity building.
4. To attract foreign students for pursuing courses like Buddhist Studies, Ancient Indian History & Archaeology and Religious Studies.
5. To create more endowments for awarding scholarships to bright students for pursuing courses in India and abroad.
6. More MOU with national/international institutions/universities/ industries/ NGOs for the benefit of students.
7. Initiate necessary steps for financial resource generation.
8. To explore the possibility of acquiring more land for physical expansion of the University.
9. Expand ICT literacy among stakeholders to make the university a paperless organisation.
10. Decentralisation of university governance with immense autonomy with accountability to each department within the framework of regulations.
11. Creating additional posts of Registrar Academic and Registrar Research for smoother functioning of units.
12. Imparting essential skills to faculty, employees and students towards inculcating appropriate modes of conduct, speech and demeanour.
13. Sensitising our stakeholders including faculty, administrators, students, and employees towards non-discriminatory practices related to gender, caste, class, ethnicity, nationality and disability and to take necessary remedial action against its breach.
14. To declare zero tolerance towards sexual harassment and any form of violence and vandalism.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

Any new development in Curriculum is introduced only after proper deliberations in the Academic Council, a statutory body followed by the approval of the Syndicate, Senate and finally the Chancellor's Secretariat every two to three years Reforms and revisions are made to improve the curricular aspects commensurate with the university's vision and mission and national and global requirements. Importance is given to improve the academic ability of its taught, increasing employability and grooming them to become responsible citizens.

Major reform in the curriculum for all Post Graduate programmes including the D. Lit., D.Sc., PhD and Masters Degree in all faculties was brought into effect in recent years.

In the year 2012-13 all masters' degree and diploma programmes were converted into semester system and further modified in 2015-16. Extensive work was done during 2017-18 on the Choice-Based Credit System (CBCS) for all PG degree programmes. The curricula and syllabi of all courses were accordingly redesigned with a thrust on interdisciplinary learning and skill-based practical approach.

Gender Sensitization, Human Values and Professional Ethics, Environment and Sustainability have been part of a number of programmes such as Law, Education, Sociology, Social Work, Women's Studies, Home Science, Chemistry, Biochemistry, Biotechnology, Environmental Science and Management including project-work and internship. In another major development, 'Swachhha Bharat Abhiyan Activities' having a weight-age of 2 Credit has been included in all programmes.

Patna University offers a variety of PG programmes in conventional subjects, Generic Elective (GE)/ Discipline Specific Elective (DSE) to choose from a basket of programmes on subjects having focus on professional skill, employability and entrepreneurship.

Apart from DLitt and DSc programmes and a number of Master Programmes, PG Diploma, Bachelors degree programme, add on certificate and diploma programmes are also introduced to improve the professional skill, employability and entrepreneurship in students.

Feedback on programme, courses and teachers are taken from students, parents, employers and analyzed by the university for taking appropriate remedial actions and are also incorporated in designing and developing the programme/courses under CBCS in 2017-18. Online feedback system developed by the University itself is introduced recently.

### **Teaching-learning and Evaluation**

The Admission is done through the process of press advertisement in one Hindi and one English daily and the university website. The admission process is online and merit based as per rules of the university and reservation criteria of the state government. Admissions for professional/vocational post graduate programmes are done through entrance tests. All PG departments organize orientation/induction programmes for freshers. Teachers conduct tutorial/remedial classes to improve the ability of inadequate performers. The university library and the departmental libraries are well stocked with text books, reference books, e-books and magazines.

Apart from regular class room teaching through chalk-talk and PPT, various other problem solving methods of teaching-learning like Continuous Internal Assessment (CIA), laboratory assignment, project work, field work, industrial visits, internship and market survey are followed. Departments organize regular extramural lectures, seminars, workshops, conferences and invite distinguished academicians. Special emphasis is given on

Entrepreneurship skills in programmes such as – MBA, MCA, Biotechnology, Environmental Sc., Rural Studies etc.

Most of the teachers are PhD degree holders who have supervised a number of PhD students during the last five years. Many teachers are also members of BOS/ Search Committees/ PhD examiners of various universities within and outside the state.

The examination board of the university manages the issues related to all examinations and also formulates and revises the rules, regulations with the approval of the Academic Council and the Syndicate. Academic and examination calendar are strictly maintained. The mechanism of internal assessment is transparent making students to see the evaluated answer-scripts of CIA. The grievance redress mechanism is transparent and time bound. Computerized result processing system is in practice. Results are available on the university website. Students' academic records are in the process of integration to National Academic Depository (NAD).

Many students of the university qualify in various competitive examinations such as NET/SLET/GATE/TET/ Banking /Judicial /Union/ State Civil services is a reflection of the effective teaching-learning system maintained in the university.

The University emphasises on developing human values and fosters global competency with focus on national development in all its programmes.

### **Research, Innovations and Extension**

Patna University offers PhD degrees in 39 subjects, and also offers D.Litt and D.Sc. in all six faculties. Four departments, Geology, Geography, Hindi and Sociology were awarded SAP status by UGC. Research is an integral part of the curricula of all PG degree, and PG diploma. Most faculty are PhD degree holders and supervise doctoral research and evaluate PhD theses across the country. University has contributed in high quality research in English, Hindi, Economics, Law, Biotechnology, Environmental Science, Nano-Science, Urban Planning and Regional Development. Research on aquatic Dolphin is globally recognized and also brought in a Padma Shri award to the group leader in 2016. National agencies e.g. UGC, DST- ST/PURSE; DBT ICSSR, ICHR, ICPR, Atomic Energy Commission etc. have funded various research projects worth. High-end equipments were procured and State of Art Research laboratory has been established under DBT-ICSSR programs.

The Post Graduate Research Committee (PGRC) for each faculty monitors the PhD related issues. Research Advisory Committee (RAC) is constituted for each faculty on the recommendation of IQAC. RAC advices on thrust areas, suggests measures for improving existing infrastructural facilities for research, encourages and assists teachers for applying for research projects and establishing research collaborations. University provides incentives to teachers for research work in the form of seed money, sabbatical leave, duty leave, study leave etc. Teachers of the university have published significantly in refereed and high impact factor research journals with high citation indices. University publishes an annual research journal, faculty wise research journals, some departments also publish research journals.

A few national and international collaborations were established and many are in the pipe line. The teachers of the university offer consultancy services. Many of teachers of the university act as expert members of various

academic bodies at university, state and national bodies, institutions and commissions and UGC-HRDC Refresher Courses and Orientation Programmes, chair sessions in national and international conferences and deliver special lectures.

Two Fulbright Professor from the USA have visited Patna University.

Information Resource Centre (Library) is strengthened with automation, Eeb OPAC facilitates for searching and E-Resource Portal.

### **Infrastructure and Learning Resources**

The University Office, its PG departments and utilities are spread mostly in four locations – the Main campus, the Darbhanga House, the Science College Campus and the Golakpur area. Sufficient infrastructure necessities like Library, class rooms, laboratories, faculty rooms, office room, Deans' chambers, Computer Centre, Seminar Halls, ICT facilities, Girls' Common Room and Rest Rooms etc. are available and well maintained. The University has a separate Senate building, Syndicate Hall, Academic Council Hall, Central Library, Computer Centre, University Press, Works Department, Central Dispensary, Students' Activity Centre, Students' Union Office, NSS Office and Sports' Board Office. Many departments have their own museums namely AIH&A, Geography, Geology, Botany, Physics and Zoology.

Library has been thoroughly renovated and refurbished with ACs and ICT facility. Besides most of the departments have their own Seminar Libraries. E-learning resources including more than 25000 e-journals from 20 leading publishers are made available to all faculty and students through e-Shodh Sindhu apart from 256974 books, about 25000 theses/dissertations, 49 current journals, 13 newspapers, 68 magazines in hard form. Book Bank facility for SC/ST students available in the 'Prak Pariksha Prashikshan Kendra'.

The University ensures free *WiFi* Internet through NKN Internet connectivity with 500 MB bandwidth. The admission process is fully On Line, the examination and finance are partially automated.

Residential facilities to teachers, staff and hostels for men and women exist.

University has a well designed perspective plan for next 15 years and is constantly working towards augmenting the built-up area and introducing new infrastructural facilities. The foundation work for construction of number of new projects including a second campus at Saidpur, an examination hall of 2000 capacity, River Dolphin Research Centre, Earth quake Data Centre cum Disaster Management Research Centre, Auditorium of 3000 capacity, Conference and Media Centre, Indoor Sports Complex, Gymnasium, Swimming pool, new toilet blocks for both men and women and ramps for differently-abled are available in a few



buildings and more are being created.

Buses for transportation are made available to its stake holders with the support of State Transport Corporation.

### **Student Support and Progression**

**Dean Students Welfare (DSW)** looks after and protects the interests of the students. Patna University Student Union (PUSU) is a single students' union for all the faculties of the university. There is students' representation in the Senate, IQAC, Sports committee and Cultural board. Senior faculty members and DSW are members of sports and cultural boards to guide the students. Drama, Debate, essay competition, special lectures/ interactive sessions are organized on days of national importance to induce a sense of respect for the country's cultural, religious and linguistic diversity. Student Union helps in organizing sports and extracurricular events. Financial support is given to teams for participating in Inter-University competitions. The University teams are always escorted by teachers and a lady teacher for women team.

**Placement Cell** is functional. Substantial number of **SC/ST students** trained by the '**PU-Prak-Pariksha-Prashikshan-Kendra**' competed in administrative, academic and judicial services.

Girl students are safe, which is evident from their growing number (above 60%) and performance in academics. The **Gender cell** is active. The university has effective **Anti-Ragging committee, Internal Complaint Committee, Grievance redressal cell and Psychological counselling**. The campus is effectively ragging free. No case is reported in ICC. There is provision for re-totalling and issuing the photocopy of answer script on demand in case of examination related grievances. The **Discipline committee** reviews students' discipline related cases and often reduces the quantum of punishment on the basis of good behaviour etc.

**Patna University Alumni Society** is active in extending support for the development of the University in all spheres. In addition, many departments have **departmental Alumni Association**. The associations meet at least once in a year. The alumni of the University are in prominent positions. Many alumni instituted prizes and medals, granted scholarships to meritorious students, donated books to the departmental libraries and supported infrastructural facilities. In addition, the alumni regularly interact, motivate, guide and help the present students to shape their careers. Some alumni have contributed for construction of roads, toilets, boundary walls, publication, RO water facility and plantation etc. worth more than Rs.89.64 lakhs in recent years.

### **Governance, Leadership and Management**

According to the provisions of Patna University Act, 1976 the University has a well-defined organizational structure with Statutory bodies, Non-Statutory Bodies and officers like the Chancellor, the Vice Chancellor, Pro Vice Chancellor, Senate, Syndicate and Academic Council, all exemplifying participative management practices and effective decision making in their functions under the Chancellor. The powers and functions of all statutory bodies and officers are well defined in the University Act. Qualified and competent administrators provide effective governance and leadership at all levels.

The statutory process available at different levels receives representation from diverse stakeholders, which includes representatives from students and research scholars, teachers, experts, and members of the civil society. The teachers of the University are appointed as Proctor, Dean Students' Welfare, Planning officer, Development officer, Librarian, Directors of different institutes and members of different statutory committees. All important academic and administrative issues are clearly discussed at the different fora before taking final decisions. The minutes of the meeting of all committees are communicated, maintained and uploaded in University website.

Effective grievance redressal mechanism functions. University has efficient Anti-Ragging committee, Internal Complaint Committee, Grievance redressal cell for students, teachers and non teaching staff. A three-tier grievance redressal system exists to solve problems related to retiral benefits of employees.

University has adopted a proactive approach towards attaining holistic education and development of students studying in different programmes. Development of the students is ensured through different student bodies like Patna University Students' Union, NSS, Sports and Cultural Boards.

As a part of e-governance, Patna University has partially automated Admission, Registration and Examination. University provides adequate support to the faculty for Professional Development for attending conferences/workshops.

Resource mobilisation is through Aids from UGC, State Government and through fee deposits, projects, sponsorships, alumni support. Financial audit is conducted through internal audit, Government audit and audit team deputed by the Accountant General (AG) of Bihar.

Compliance of academic and administrative procedures and their continual improvement is ensured through systematic audit by IQAC and different Units of the University.

### **Institutional Values and Best Practices**

Deep concern of the University for environmental sustainability can be witnessed through its thrust on knowledge creation, sharing and creating public awareness. Priority areas are conservation biology, water quality assessment, environmental laws, disaster management, rural management, industrial safety management and urban planning. University runs a number of programmes and courses on these subjects. Teachers have designed curriculum, developed syllabi, engaged in research, produced PhDs and published papers in reputed journals.

Extensive work on conservation of river dolphins was conducted leading to declaration of the species as national aquatic animal, bringing accolades and awards including a Padmashree. University with support of state government is working towards establishing a National Dolphin Research Centre.

Research has been conducted on Seismic studies with numerous publications. State Disaster Management department and University signed MOU for establishing seismic data collection and analysis centre.

Geography Department conducted research on Urban Planning and development, including Ph.Ds, publications, slum studies, survey/ project on traffic problem and *khatalas*, SAP funding on urban planning.

Population study Centre, women empowerment programmes, TISS project on migration and culture and

awareness of Namami Gangey scheme are other socio - cultural knowledge additions.

Rainwater harvesting structure exists; installation of few more are in process. Green Practices include plantation drives, use of public transport, disallowing plastic and tobacco and imposing speed limit within campus. Solar water heating system is present in girls' hostel. MOU with Beltron exists for 1 MW power generation.

Welfare and support facilities exist like Central Dispensary psychological counselling, mentoring, induction programmes, counselling sessions for newly-admitted students, committees for addressing sexual harassment and ragging problems, separate Grievances redressal cell for teachers, staff and students, pension adalat, ex-gratia loan, festival advance etc. CCTV and security staff ensure safety in the campus.

Ordinances, regulations, programme structure, syllabus, examination results are available on University website. Departments possess facilities like staff room, common room and separate rest rooms for women students.

Some best practices include:

- Earning while learning scheme with select students on payment working on library automation.
- PG Diploma Programme on Yoga Science and yoga training programmes

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	PATNA UNIVERSITY
Address	Ashok Rajpath, Near Patna College
City	Patna
State	Bihar
Pin	800005
Website	<a href="https://www.patnauniversity.ac.in">https://www.patnauniversity.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	Parimal Kumar Khan	0612-2678035	8789629990	0612-2371272	parimal_khan@yahoo.co.in
Vice Chancellor	Rash Bihari Parsad Singh	0612-2670352	9431023670	0612-2670877	naaccopu@gmail.com

Nature of University	
Nature of University	State University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	01-10-1917
Status Prior to Establishment, If applicable	Other
Establishment Date	09-01-1863
Any Other, Please Specify	Few Colleges affiliated to Calcutta University

<b>Recognition Details</b>		
<b>Date of Recognition as a University by UGC or Any Other National Agency :</b>		
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>
2f of UGC	01-11-1956	<a href="#">View Document</a>
12B of UGC	01-11-1956	<a href="#">View Document</a>

<b>University with Potential for Excellence</b>	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

<b>Location, Area and Activity of Campus</b>							
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>	<b>Programmes Offered</b>	<b>Date of Establishment</b>	<b>Date of Recognition by UGC/MHRD</b>
Main campus	Ashok Rajpath, Near Patna College	Urban	100	161874	Ninety Two		

## 2.2 ACADEMIC INFORMATION

### Affiliated Institutions to the University

<b>Type of Colleges</b>	<b>Permanent</b>	<b>Temporary</b>	<b>Total</b>
-------------------------	------------------	------------------	--------------

### Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	10
Affiliated Colleges	0
Colleges Under 2(f)	10
Colleges Under 2(f) and 12B	10
NAAC Accredited Colleges	4
Colleges with Potential for Excellence(UGC)	2
Autonomous Colleges	1
Colleges with Postgraduate Departments	4
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	2

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)		: Yes
SRA program	Document	
NCTE	<a href="#">102310_2458_4_1546503868.pdf</a>	

### Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	66				92				141			
Recruited	36	13	0	49	27	12	0	39	13	4	0	17
Yet to Recruit	17				53				124			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned				856
Recruited	307	25	0	332
Yet to Recruit				524
On Contract	114	18	0	132

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned				252
Recruited	85	4	0	89
Yet to Recruit				163
On Contract	0	0	0	0

#### **Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	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.	36	13	0	26	11	0	11	3	0	100
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	1	0	2	1	0	5

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.	23	4	0	7	5	0	37	6	0	82
M.Phil.	0	0	0	0	0	0	2	0	0	2
PG	0	0	0	0	0	0	69	24	0	93

#### Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	2	0	0	2

#### Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Philosophy	Dr. Ambedkar Chair	Ministry of Social Justice Empowerment Government of India

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



Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	1235	37	0	0	1272
	Female	1365	42	0	0	1407
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	138	5	0	0	143
	Female	87	5	0	0	92
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	481	17	0	0	498
	Female	340	3	0	0	343
	Others	0	0	0	0	0
Post Doctoral (D.Sc , D.Litt , LLD)	Male	2	0	0	0	2
	Female	2	0	0	0	2
	Others	0	0	0	0	0

<b>Does the University offer any Integrated Programmes?</b>	No
---	----

#### Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	18-07-1987
Number of UGC Orientation Programmes	17
Number of UGC Refresher Course	4
Number of University's own Programmes	5
Total Number of Programmes Conducted (last five years)	26

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

<b>Department Name</b>	<b>Upload Report</b>
Ancient Indian History And Archaeology	<a href="#">View Document</a>
Applied Economics And Commerce	<a href="#">View Document</a>
Arabic	<a href="#">View Document</a>
Bengali	<a href="#">View Document</a>
Biochemistry	<a href="#">View Document</a>
Botany	<a href="#">View Document</a>
Chemistry	<a href="#">View Document</a>
Economics	<a href="#">View Document</a>
Education	<a href="#">View Document</a>
English	<a href="#">View Document</a>
Faculty Of Humanities	<a href="#">View Document</a>
Faculty Of Science	<a href="#">View Document</a>
Geography	<a href="#">View Document</a>
Geology	<a href="#">View Document</a>
Hindi	<a href="#">View Document</a>
History	<a href="#">View Document</a>
Home Science	<a href="#">View Document</a>
Law	<a href="#">View Document</a>
Library And Information Science	<a href="#">View Document</a>
Maithili	<a href="#">View Document</a>
Mathematics	<a href="#">View Document</a>
Music	<a href="#">View Document</a>
Persian	<a href="#">View Document</a>
Personal Management And Industrial Relation	<a href="#">View Document</a>
Philosophy	<a href="#">View Document</a>
Physics	<a href="#">View Document</a>
Political Science	<a href="#">View Document</a>
Psychological Research And Service	<a href="#">View Document</a>

Psychology	<a href="#">View Document</a>
Public Administration	<a href="#">View Document</a>
Sanskrit	<a href="#">View Document</a>
Sociology	<a href="#">View Document</a>
Statistics	<a href="#">View Document</a>
Urdu	<a href="#">View Document</a>
Yogic Science	<a href="#">View Document</a>
Zoology	<a href="#">View Document</a>

NAAC

### 3. Extended Profile

#### 3.1 Program

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
89	89	89	88	88
File Description			Document	
Institutional Data in Prescribed Format			<a href="#">View Document</a>	

Number of departments offering academic programmes

Response: 31

File Description	Document
Institutional Data in Prescribed Format	<a href="#">View Document</a>

#### 3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1301	1412	1431	1345	1381
File Description			Document	
Institutional Data in Prescribed Format			<a href="#">View Document</a>	

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

2017-18	2016-17	2015-16	2014-15	2013-14
1282	1367	1340	1306	1216
File Description			Document	
Institutional Data in Prescribed Format			<a href="#">View Document</a>	

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1294	1368	1376	1329	1346
File Description		Document		
Institutional Data in Prescribed Format		<a href="#">View Document</a>		

### Number of revaluation applications year-wise during the last 5 years

2017-18	2016-17	2015-16	2014-15	2013-14
45	40	146	68	79

### 3.3 Teachers

#### Number of courses in all programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1360	1360	1357	1351	1351
File Description		Document		
Institutional Data in Prescribed Format		<a href="#">View Document</a>		

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

2017-18	2016-17	2015-16	2014-15	2013-14
115	115	132	147	159
File Description		Document		
Institutional Data in Prescribed Format		<a href="#">View Document</a>		

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

2017-18	2016-17	2015-16	2014-15	2013-14
314	314	314	314	314
File Description		Document		
Institutional Data in Prescribed Format		<a href="#">View Document</a>		

### 3.4 Institution

**Number of eligible applications received for admissions to all the programs year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
4462	4701	5023	4597	4961
File Description		Document		
Institutional Data in Prescribed Format		<a href="#">View Document</a>		

**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
1099	1154	1154	1117	1027
File Description		Document		
Institutional Data in Prescribed Format		<a href="#">View Document</a>		

**Total number of classrooms and seminar halls**

**Response: 95**

**Total number of computers in the campus for academic purpose**

**Response: 187**

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

2017-18	2016-17	2015-16	2014-15	2013-14
1325.6	1404.1	1305.4	2132.3	2211.4

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the University**

**Response:**

Curriculum and syllabus of majority programmes have been adopted by Patna University to address the global, national and local needs, which include poverty alleviation, elimination of gender and social inequities, ensuring food security and focussing on issues of agriculture, health and nutrition, environmental sustainability, climate change, water and sanitation and quality education. Unemployment and economical backwardness of the state can be taken as two specific local problems. Trained, skilled, qualified and educated individuals are required to address these concerns in different capacities. Learning objectives (refer to Objects of the University) focus on these needs and the different programmes of the University address these needs as revealed in Programme outcomes, Programme Specific Outcomes and Course outcomes.

**Programme Outcome:** At the end of the Post Graduate Programmes students develop aptitude/ skill/ ability/ capacity for Employment and Research, Critical thinking, Social Awareness and Interaction, Political Consciousness, Ethics and Responsible Citizenship, Women Empowerment and Inclusive Education and Environment and Sustainability.

**Programme Specific Outcomes:** Different programmes equip the students with knowledge and skill related to the subject area of the programme. Syllabus revision was undertaken in 2013, 2015 and 2018 so that course content focuses on areas that are relevant to local, national and global needs. All social science and language programmes sensitize students, in comprehensive manner, to issues of social inequities, ecological concerns, political and economic imbalance and injustice. Science and Social Science programmes like MA (Geography), MSc(Botany), MSc(Zoology), MSc Chemistry, MSc(Geology) and LLM have courses that focus on environmental and ecological issues.

This leads to creation of capacity for critical thinking, social awareness, political consciousness, ethical responsibility, committed and value oriented citizenship.

Another outcome is building interest and capacity for research among students leading to need based and problem solving results.

Capacity for employment is an important outcome of all programmes. Programmes like MEd., LLM, Master of Business Administration, Master of Computer Application, MA (Personnel Management and Industrial Relations), MSc (Biotechnology), MSc (Environmental Science), Master of Journalism and Mass Communication, Post Graduate Diploma in Clinical Psychology etc. produce employable human resource in specific fields. Language programmes produce language teachers. A sizeable number of students of MA (Arabic) and MA (Bengali) are from outside Bihar, and they get employed as teachers of their respective subject. MA (Home Science), MA (Geography) and MA (Psychology) programmes prepare students for

work in various capacities. A substantial number of students of MSc (Physics), MSc (Mathematics), MSc (Geology) and MSc (Statistics) and MA (Statistics) get employed after completing their studies. M.Sc.(Statistics) is a programme offered in only two universities of Bihar – Patna University and T M Bhagalpur University. Many science programmes like MSc (Zoology) and MSc (Biotechnology) create capacity for self employment and entrepreneurship.

**Course Outcome:** All courses prepare students with knowledge of diverse aspects of the subject concerned. All programmes include courses that sensitize students to the local, national and global and local needs and problems. Some address new areas of research and build capacity for employment.

### 1.1.2 Percentage of programs where syllabus revision was carried out during the last five years

**Response:** 87.64

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 78

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

Response: 89

File Description	Document
Details of program syllabus revision in last 5 years	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on Employability/ Entrepreneurship/ Skill development during the last five years

**Response:** 15.77

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
278	278	278	118	118

File Description	Document
Average percentage of courses having focus on employability/ entrepreneurship	<a href="#">View Document</a>



## 1.2 Academic Flexibility

<b>1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years</b>	
<b>Response:</b> 21.62	
1.2.1.1 How many new courses are introduced within the last five years	
Response: 294	
1.2.1.2 Number of courses offered by the institution across all programs during the last five years	
Response: 1360	
<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>

<b>1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented</b>	
<b>Response:</b> 43.82	
1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.	
Response: 39	
<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

<b>1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum</b>
<b>Response:</b>
<p>Patna University has always been dedicated to sensitizing students to socially, professionally, and ethically relevant issues for their holistic development. Down the years, it has introduced several self-financing programmes which centre on the topics of gender, environment, human values and skill development. Some of these Programmes are M.Sc. (Environmental Science) and Master of Business Administration, M.A. (Women's Studies), M.A.(Social Work), Master of Library &amp; Information Science, Post Graduate. Diploma in Industrial Safety Management. Besides these particular programmes, syllabus revision has been undertaken from time to time to integrate value added courses across different programmes offered by the University. In 2015 subjects like gender, environment sustainability and human values and</p>

professional ethics were included as core units in all the four semesters of all post-graduation programmes. In the new CBCS Syllabus introduced in 2018 the Ability Enhancement Compulsory Courses(AECC) include the subjects of gender sensitization, environment sustainability, human values and professional ethics. However, apart from these specific interventions by the University, these areas also occur as topics in different courses of different programmes. The courses on Human values and Professional ethics, Gender sensitivity, Environmental studies, are embedded in the curricula of all UG programmes also.

The different programmes within the streams of Humanities and Social Sciences have courses which deal with environment, gender, human values and ethics. M.A. (Philosophy) introduced has courses on Human Rights and Feminism –Paper 6, Gandhian Thought – Paper 7, Applied Ethics – Paper 8 and Social and Political Philosophy Paper 10. M.A. (English) has courses that deal with the topics of ‘Feminism’ 014(semester system)/CC8, and ‘Écocriticism’ 014(semester system)/CC8, and texts on Dalit experiences 013(semester system)/CC13. Master of Education (M. Ed.) Programme has courses on Guidance and Counseling , Value Education CC11, Environment and Education CC12, Enhancing Professional Capacity courses also included as part of the Master of Education programme. M.A. (Economics) has a course on environmental and welfare Economics Eco-M303, ECO-M-304D and ECO-M-404 D. Even natural science programmes have courses that integrate these core subjects. For instance in M.Sc.(Zoology) programme the course Population Ecology ZOO-M-302 incorporates issues related to gender, the course ZOO-M-402 deals with environment. M.Sc.(Botany) programme has courses on Environmental Science and Technology BOT-M-401 and BOT-M-402. LL.M programme has a course that addresses Environmental Laws.

Moreover, a separate Gender Sensitization Cell has also been constituted at a centralised level in the University to deal with the gender sensitive issues and to instil the value of gender equity among the students.

In order to sensitize students about the environment and sustainability issues, several academic activities like seminars, workshops, guest lectures and field excursions are organized for students of all the programmes at regular intervals. Besides, programmes like M.Sc.(Geology), M.A. (Geography), M.Sc.(Environmental science), M.Sc.(Biotechnology), M.Sc.(Botany), M.Sc.(Zoology)and Master of Business Administration include field studies as their essential components. Environment Day, Earth Day and Water Day are celebrated every year in which students actively participate.

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

**Response:** 277

1.3.2.1 How many new value-added courses are added within the last 5 years

**Response:** 277

#### File Description

#### Document

List of value added courses

[View Document](#)

### 1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

**Response:** 41.48

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
766	835	759	181	316

### 1.3.4 Percentage of students undertaking field projects / internships

**Response:** 7.38

1.3.4.1 Number of students undertaking field projects or internships

Response: 96

File Description	Document
List of programs and number of students undertaking field projects / internships	<a href="#">View Document</a>

## 1.4 Feedback System

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

**A. Any 4 of above**

**B. Any 3 of above**

**C. Any 2 of above**

**D. Any 1 of above**

**Response:** A. Any 4 of above

File Description	Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

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

NAAC

## 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:** 3.03

##### 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
25	41	48	37	58

#### File Description

#### Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

#### 2.1.2 Demand Ratio(Average of last five years)

**Response:** 2.14

##### 2.1.2.1 Number of seats available year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2197	2309	2309	2234	2054

#### File Description

#### Document

Demand Ratio (Average of Last five years)

[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:** 67.31

##### 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
580	737	896	769	754

File Description	Document
Average percentage of seats filled against seats reserved	<a href="#">View Document</a>

## 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 University assesses the knowledge and competence levels of the students at the time of their entry into the post graduate programme so that the instruction could be geared to their needs and capabilities, and necessary remedial measures are adopted for the benefit of the slow learners. Besides, in many departments after the advanced learners are identified, special activities and programs are designed and given to them for their progress.

Several initiatives undertaken by different Departments to assess the learning levels of the students after admission are given below. Some are established and regular practices in various departments.

- Written test: Departments of English and Bengali
- Oral test (asking questions):-most Departments

-In Department of Applied Economics and

Commerce students are asked to make a presentation on the topic taught

-In Department of Persian questions on basics of Persian  
are asked

In Department of Hindi students are made to speak on  
topics given

- Student Response – Department of Hindi assesses the learner's level also their inquisitive approach to questions asked

Some are good, others average and a few are slow learners. The University has activities that cater to the

special needs of the slow learners and provides them support and assistance in raising their knowledge and competence levels. There are also activities that aim to nurture and develop the potential of the advanced learners, so that they do not experience stagnation.

■

#### For Advanced Learners

- Special academic counselling
- Personal mentoring
- Capacity building for job market through counselling and other skill-development initiatives such as providing input on communication skills
- Providing guidance and making available reading material of an advanced level; Department of Philosophy makes available library resources to such students
- Providing guidance on accessing material on Internet
- Guidance for NET and competitive exams, (Departments of Mathematics, Physics, Zoology, History, Sociology, Psychology and Home Science). Special classes conducted for UGC NET in Department of Urdu
- Providing information/counselling on academic opportunities available internationally
- Participation in class seminars, debates, discussions, Department of Geography organizes Extra Mural lectures at regular intervals and Department of English has also initiated this practice
- Opportunity given to encourage creativity in the Departments of Hindi and English
- Giving Editorial responsibility in the Departments of English and Bengali
- In Department of Persian special attention is given for development of written and spoken Persian
- In Department of Applied Economics and Commerce such learners are selected for market surveys and other co-curricular activities

#### For Slow learners

- Academic counselling and assistance after class
- Special attention during and after class
- Remedial Classes
- Course on motivation: in Applied Economics and Commerce
- Correction of written language: in Hindi
- Home assignments

**2.2.2 Student - Full time teacher ratio****Response:** 11.31**2.2.3 Percentage of differently abled students (Divyangjan) on rolls****Response:** 0.61**2.2.3.1 Number of differently abled students on rolls****Response:** 8

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Any other document submitted by the Institution to a Government agency giving this information	<a href="#">View Document</a>

**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:**

University has made provision in structure of all programmes to give students experiential and participative learning experience. Students can join any industry/ advanced laboratory /MNC etc. for internship in 4th semester. Project work, assignment, quiz, presentation etc. are integral part of CIA in all programmes.

**Student centric methods adopted by departments to provide Experiential and Participative Learning experience:**

**Laboratory Practical classes in Science Departments; and in Departments of Geography, Psychology and Music**

**Surveys conducted- (i) in Social Science departments,**

**Commerce and Management,**

**(iii) Field survey in Departments of Geography and**



- 
- **Presentation of Survey Reports by students – (Department of Applied Commerce and Management)**
- **Engaging students in Field work during elections ( Department of Political Science )**
- **Engaging students in Public Awareness programmes- Geology students visited earthquake affected areas of Patna, and educated public on measures to be adopted during earthquake**
- **MOOC court for LL.M. students**
- **Teaching Assignment for M.Ed. students**
- **Internship Programme**
- **Involving students for collecting data etc. for various Government Departments and other organizations (Department of Economics)**
- **Participation of students in Seminars, Conferences etc.**
- **Department of Sociology encourages students for field work in slums,among delinquents etc.**
- **Department Seminars: Departments of Philosophy, English, Economics, Geography, Chemistry, Statistics, Zoology**
- **Industrial visits/ Training: (i) Industrial Plant visits for students of PMIR and PGDISM**

**(ii) Industrial visits for community outreach programme::**

**Department of Psychology**

**(iii) Industrial Training of M.Com students**

**Study Tours-(i) Field tours : Departments of Geography, Geology**

**conducted archaeological exploration activities.**

**(iii) Historical tours ( Department of History)**

**(iv) Educational field trips ( Department of Political Science)**

- **Editing of Department magazine (Department Of English)**
- **Film Study (Department of English)**
- **Institute of Psychological Research and Service organizes hands-on experience of counselling for students. Interdisciplinary job training is provided for students at Department of Psychiatry, Patna Medical College Hospital, RINPAS, Kanke etc.**
- **Camps: Department of Chemistry organizes camps to spread awareness regarding harmful effect of pesticides.**

**Problem solving Methods**

University Departments provide students tasks that inculcate in them problem solvingskills; they receive practical and direct experience of negotiating difficult situations, and are trained as capable, competent and accomplished individuals. Following Problem solving methods are used in student centric activities:

- Trial and Error
- 
- Creating short goals to achieve the end

#### Activities

- Research Projects
- Activities requiring problem solving skills- for instance, Geology students organized rehabilitation activities in earthquake affected areas of Patna
- Leadership training by making advanced learners leaders of group activities, – ( Department of Applied Commerce and Management, in Department of Bengali students organise ‘ Mother Tongue day’ function.)
- Working on Department journal and newsletters
- Making students responsible for organizing academic and cultural programs

(practised in most of the Departments; eg. ‘Haritima’ in Philosophy)

- Simple problems given to learners for clarifying concepts

#### 2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

**Response:** 58.26

##### 2.3.2.1 Number of teachers using ICT

Response: 67

File Description	Document
List of teachers (using ICT for teaching)	<a href="#">View Document</a>

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

**Response:** 21.68

## 2.3.3.1 Number of mentors

Response: 60

**2.4 Teacher Profile and Quality****2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years****Response:** 42.55

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>

**2.4.2 Average percentage of full time teachers with Ph.D. during the last five years****Response:** 99

## 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
110	115	132	147	158

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	<a href="#">View Document</a>

**2.4.3 Teaching experience per full time teacher in number of years****Response:** 27.6

## 2.4.3.1 Total experience of full-time teachers

Response: 3174

File Description	Document
Any additional information	<a href="#">View Document</a>

**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: 21.71**

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
3	5	5	5	11

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>

**2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years****Response: 0.25**

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
4	0	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

**2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years****Response: 67.6**

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
86	55	65	66	66

File Description	Document
List of programs and date of last semester and date of declaration of result	<a href="#">View Document</a>

### 2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

**Response:** 5.6

2.5.2.1 Number of complaints/grievances about evaluation year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
45	40	146	68	79

File Description	Document
Any additional information	<a href="#">View Document</a>

### 2.5.3 Average percentage of applications for revaluation leading to change in marks during the last five years

**Response:** 5.46

2.5.3.1 Number of applications for revaluation leading to change in marks year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	9	3	4

### 2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system

**Response:**

1. Patna University has made radical changes in the examination in the last five years. It has changed from the Annual Mode of examination to Semester System in 2012. The Semester system is followed in Post Graduate Examination.
2. Choice based Credit System was adopted in the Academic Session 2018-19. The Letter Grade

system of evaluation and CGPA has been introduced to evaluate the merit of the students with award sheet to be issued in place of mark sheet. In order to provide for mobility of students from Patna University to another academic institution in India and abroad, 100 credits of 10 hour duration of each credit has been adopted and implemented in Patna University as per examination regulation dated 29th May 2018.

3. The Academic Calendar is religiously maintained in the University. P.G. Programme Semester examinations are conducted from May to June and November to December each year and Undergraduate examinations from February to May and publication of its result within 60 days from the conclusion of the examination of the final paper.
4. The Examination Section has switched over from manual preparation of result to computerized tabulation and publication of result, and following it in the past five years.
5. Right to Public Service Act-2011 has been implemented in the Examination Section under which the students are provided with information within 15 days from the date of their application and corrected mark sheet if any is made available to them.
6. Patna University made radical changes in Ph. D. Course work in the last

Five years.

- Ph. D. Course work is mandatory for research work
- Pre-Ph. D. Presentation before submission of final thesis is compulsory for all the Research students.
- Before submission of final thesis the candidate shall have to publish at least one research paper in a standard refereed journal.
- It is mandatory to all research students to submit their thesis along with the soft copy.
- After the award of Ph. D. Degree the soft copy is sent within a month to the UGC INFLIBNET CENTRE.
- From 2nd February 2019 plagiarism check is made mandatory for Ph. D. Scholars before submission of their Ph. D. Thesis.

1. Right to Information Act, 2005 has been implemented in the examination Section where under the students are provided with information within 30 days from the date of their application and information, photo copy of answer book is made available to them on demand.
2. The Examination Section is steadily moving towards integrating all pre examination and post examination work through UMIS. The University has signed the MOU with NSDL for uploading the students' data on National Academic Depository.

### **2.5.5 Status of automation of Examination division along with approved Examination Manual A. 100% automation of entire division & implementation of Examination Management System**

(EMS)

**B. Only student registration, Hall ticket issue & Result Processing****C. Only student registration and result processing****D. Only result processing****Response:** B. Only student registration, Hall ticket issue & Result Processing

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>

## 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:****Description of Course Outcomes:**

All courses of all programmes prepare students with knowledge of diverse aspects of the subject concerned. They equip the students with knowledge and skill related to the subject area specific to the programme. Syllabus revision has been undertaken in 2013, 2015 and 2018 and course content focuses on areas that are relevant to the local, national and global needs, in terms of awareness generation, interest and potential for research and employability. M.A. (Philosophy) inculcates a synergy between spirituality and character formation which enhances human values. Courses of all social science and language programmes sensitize students, in comprehensive manner, to issues of social inequities, ecological concerns, political and economic imbalance and injustice. M.A.(Geography) has courses that range from population, climatology and urban planning. Science programmes like M.Sc(Botany), M.Sc. (Biotechnology) M.Sc.(Zoology), M.Sc.(Chemistry), M.Sc. (Geology) have courses that have specific focus on environmental and ecological issues, apart from inputs which have strong relevance to gender and also to quality of human life.

This leads to creation of capacity for critical thinking, social awareness, political consciousness, ethical responsibility, committed and value oriented citizenship and keenness for reform in the students.

Besides this, there are some courses in all programmes that address new areas of research and some build capacity for employment among students.

An important learning outcome is developing interest and capacity for research among students so that need based and problem solving results could be generated through study, research and investigation, that deal with local, national and global needs and problems. This is needed especially in the context of backwardness of Bihar.

Capacity for employment is an important outcome of all programmes. Though course outcome of Master of Education(M. Ed.) . LLM, M.A.(Personnel Management and Industrial Relations),M.A. (Rural Studies, Rural Management and Development, Master of Journalism and Mass Communication , Post Graduate Diploma in Clinical Psychology, Master of Computer Application, M.A.(Music), Master of Library &Information Science, Post Graduate Diploma in Industrial Safety Management etc. are producing employable human resource in specific fields, almost all programmes also develop capacity for employment in students. Language programmes produce language teachers. M.A. (Home Science), M.A.(Geography) and M.A. (Psychology) programmes prepare students for work in various capacities Many science programmes like M.Sc.(Botany), M.Sc.(Physics), M.Sc. (Mathematics), M.Sc. (Chemistry), M.Sc. (Statistics), M.Sc. (Geology) and M.Sc.(Zoology) not only provide knowledge and skill for employment in relevant areasbut also create capacity for self employment. Many of our students are gainfully employed as college/ university / school teachers. All this addresses the local problem of unemployment.

#### **Mechanism for communication:**

Ordinance/ Regulations, Syllabus and other information regarding all programmes including theircourse content and learning outcomes are displayed on the University Website .

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

##### **Response:**

1. **Programme Outcomes (POs) contain** creating and developing among students aptitude/ skill/ ability/ capacity for

- 
- Research
- Critical thinking
- Social Awareness and Interaction,
- Political Consciousness,
- Ethics and Responsible Citizenship, and
- Awareness of and Sensitivity to Environment and Sustainability, and
- Women Empowerment and Inclusive Education.



1. **Programme Specific Outcomes (PSOs) and Course Outcomes (COs) include** producing among students:

- knowledge and skill of the subject
- Awareness of and sensitivity to local, national and global problems related to deprivation, socio-political issues, gender, environment, and discriminatory and exclusionary practices.
- Interest and capacity for research and
- Employment capacity

#### 1. **Evaluation and the level of attainment:**

- Knowledge and skill that students acquire in their subject and also their capacity for critical thinking, are evaluated through Continuous Internal Evaluation, End Semester Examinations and personal interaction. Attainment of these outcomes is excellent, with pass percentage ranging between 92% to 95% in the past 5 years. Dropout rate is low. In 40% programmes pass percentage is 100%. Majority students in Science, Commerce, and Education pass in first class (60%) and many with distinction (75%).
- Regarding attainment and evaluation of (PSO& CO-II) following details can be mentioned:
  - University has introduced several self-financing programmes which centre on topics of gender, environment, human values and skill development.
    - -Syllabus revision was undertaken in 2013, 2015 and 2018 to integrate value added courses across different programmes.
    - **-In 2015 subjects like gender, environment and sustainability and human values and professional ethics were included as core units in all post-graduate programmes.**
    - vibrant NSS.
  - Most departments organize departmental seminars, surveys, presentations, debates, internship etc. on topics dealing with vital social, political, economic, ethical and environmental issues of the time. Some of these activities are assessed. The awareness and sensitivity level is good, gauged from the appreciable student participation in activities on these issues.
- Active participation of students in NSS and activities of departments attests to their sense of Ethical and Responsible Citizenship. The attainment is satisfactory evidenced through their responsible contribution to Department activities.
- Level of attainment of political consciousness is excellent proved by notable participation of students in Patna University Student Union elections held on 17.02.2018. 66 students contested for 5 posts. More than 50% voted in the elections.
- Research culture is impressive since 415 Ph. D. Degrees were awarded in past five years. Interest and aptitude for research can be estimated by the large number of candidates appearing for NET/JRF and Patna University Pre-Ph.D. tests. The number qualifying in these examinations is evidence of their research capability. Many qualifying NET/JRF are students pursuing their post graduate course in the university.
- The number of alumni who qualify in various competitive examinations, or are employed in various organizations attests to accomplishment of the outcome of employability.
- Achievement level of Women Empowerment and Inclusive Education is excellent considering the percentage of women students in the university, ranging from 55% to 58% in past 5 years.

**2.6.3 Average pass percentage of Students****Response:** 91.28

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

Response: 1571

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

Response: 1721

File Description	Document
List of programs and number of students passed and appeared in the final year examination	<a href="#">View Document</a>

**2.7 Student Satisfaction Survey****2.7.1 Online student satisfaction survey regarding teaching learning process****Response:** 2.95

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website**

**Response:** Yes

**3.1.2 The institution provides seed money to its teachers for research (average per year)**

**Response:** 0

3.1.2.1 The amount of seed money provided by institution to its faculty 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

**File Description**

**Document**

List of teachers receiving grant and details of grant received

[View Document](#)

**3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years**

**Response:** 0

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research 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 teachers and their international fellowship details

[View Document](#)

**3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years**

**Response:** 119

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	16	15	22	61

**File Description**

**Document**

List of research fellows and their fellowship details

[View Document](#)

**3.1.5 University has the following facilities**

1. Central Instrumentation Centre
2. Animal House/Green House / Museum
3. Central Fabrication facility
4. Media laboratory/Business Lab/Studios
5. Research/Statistical Databases

**Any four facilities exist**

**Three of the facilities exist**

**Two of the facilities exist**

**One of the facilities exist**

**Response:** Three of the facilities exist

**File Description**

**Document**

List of facilities provided by the university and their year of establishment

[View Document](#)

**3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognition by government agency**

**Response:** 3.23

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognition by government agency

Response: 1

File Description	Document
List of departments and award details	<a href="#">View Document</a>

### 3.2 Resource Mobilization for Research

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

**Response: 0**

3.2.1.1 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	0	0	0	0

File Description	Document
List of project and grant details	<a href="#">View Document</a>

**3.2.2 Grants for research projects sponsored by the government sources during the last five years**

**Response: 771.7**

3.2.2.1 Total Grants for research projects sponsored by the government sources year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	50	721.7

File Description	Document
e-copies of the grant award letters for research projects sponsored by government	<a href="#">View Document</a>

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

**Response:** 0.79

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

Response: 21

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

Response: 133

### 3.3 Innovation Ecosystem

#### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

##### Response:

Patna University has always taken the lead in initiating innovations and creation and transfer of knowledge, and in framing of education policies in Bihar though a formal Innovation Council was constituted in 2018. Establishing the Incubation Centre is initiated.

##### Major initiatives:

- Patna University is presently preparing the **Blue Print for Higher Education** in Bihar.
- Patna University has drafted Ordinances, Regulations and curriculum/syllabus for all programmes, which were adopted by all universities of Bihar, for:
  - D.Litt, D.Sc.
  - Ph.D.
  - all MA., MSc, MCom programmes under Choice Based Credit System (CBCS)
  - many Post Graduate Programmes
- Landmark work on conservation of Gangetic Dolphin and its declaration as National Aquatic Animal with the conferment of Padmashree in 2016.
- For promoting science and scientific temperament Physics department hosts Patna (IAPT) Anveshika, one of the only 22 Anveshika Centres nationwide. Activities include lecture-demonstrations of low-cost experiments, conducting first level Science Olympiads examinations, conducting National Anveshika Experimental Skill test and hands-on student activities. Target groups include school and college students and science teachers of schools.
- Department of Ancient Indian History and Archaeology has departmental museum of archaeological discoveries from excavations conducted by the faculty and students; students learn about Musicology.
- Departments of Physics, Geography and Geology have museums.
- Department of PMIR was first of its kind in India and developed the first curriculum in Labour and Social Welfare.
- Botany Department is a major centre in northern and eastern India for research in Cytogenetic and Plant Breeding.

- Biochemistry Department designed P.G. syllabi and curricula in Bihar; it trains students of other universities on instrument handling and other techniques related to Bio-Chemistry
- Chemistry Department facilitated drafting of Chemistry curriculum for the first time in Bihar and contributed to establishment of Chemistry Department in other universities.
- Geology Department started teaching of Geochemistry first time in India. Rainwater harvesting, the first such structure in the state, was constructed here.
- Statistics Department is fourth oldest in India. It introduced the curriculum of Statistics in Bihar.
- Population Research Centre, engaged in Population studies, was established in the Statistics Department. Only 17 other universities in India have such centres.
- Zoology Department carries out advance research in Genetic and Molecular toxicology, aquatic toxicology, environmental biology, limnology and conservation biology.
- Editing and compiling of rare manuscripts in Arabic is undertaken by Arabic Dept.
- Research and preservation of rare manuscripts of Persian and generating awareness regarding manuscriptology in Persian, for the first time in Bihar, is undertaken by Persian Department
- Department of Maithili introduced course in Mithilakshar or Tirhuta thus preserving and disseminating use of this script.
- Department of Bengali prepared syllabus of Bangla literature of Bihar and Jharkhand -
  - Bihar Jharkhander Bangla Sahitya'
- Departments organise activities like research projects, departmental seminars, dissertation, discussion, quizzes etc.

#### First Department established in India:

- Maithili
- Personnel Management and Industrial Relation

**Departments of all major subjects in undivided Bihar were first established in Patna University.**

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

**Response: 0**

3.3.2.1 Total 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	<a href="#">View Document</a>

**3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years****Response:** 0

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students 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 innovation and award details

[View Document](#)**3.3.4 Number of start-ups incubated on campus during the last five years****Response:** 0

3.3.4.1 Total number of start-ups incubated on campus 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 startups details like name of startup, nature, year of commencement etc

[View Document](#)**3.4 Research Publications and Awards****3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research****Response:** Yes**3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards****Response:** No**3.4.3 Number of Patents published/awarded during the last five years****Response:** 1



## 3.4.3.1 Total number of Patents published/awarded year-wise during the last five years

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

**File Description****Document**

List of patents and year it was awarded

[View Document](#)

Any additional information

[View Document](#)**3.4.4 Number of Ph.D.s awarded per teacher during the last five years****Response:** 3.36

## 3.4.4.1 How many Ph.Ds are awarded within last 5 years

Response: 433

## 3.4.4.2 Number of teachers recognized as guides during the last five years

Response: 129

**File Description****Document**

List of PhD scholars and their details like name of the guide , title of thesis, year of award etc

[View Document](#)**3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years****Response:** 1.4

## 3.4.5.1 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
39	50	27	34	37

**File Description****Document**

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

[View Document](#)

**3.4.6 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:** 0.58

3.4.6.1 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
19	12	14	18	14

**File Description****Document**

List books and chapters in edited volumes / books published

[View Document](#)**3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index****Response:** 3.41**3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution****Response:** 8.5**3.5 Consultancy****3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual****Response:** No**File Description****Document**

URL of the consultancy policy document

[View Document](#)**3.5.2 Revenue generated from consultancy during the last five years****Response:** 0.7

3.5.2.1 Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.072	0.054	0.064	0.48	0.030

File Description	Document
List of consultants and revenue generated by them	<a href="#">View Document</a>

### 3.5.3 Revenue generated from corporate training by the institution during the last five years

**Response:** 0

3.5.3.1 Total amount generated from corporate training by the institution 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

File Description	Document
List of teacher consultants and revenue generated by them	<a href="#">View Document</a>

## 3.6 Extension Activities

### 3.6.1 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 student volunteers visit neighbouring localities and conduct various activities regularly. Details of a few programmes are given below:

S.N.	Date	Locality	Activity	Impact
1				
2	12.03.2018	Bahadurpur Slum Area	Awareness Campaign on Right to Education	Excellent awareness generated among students regarding lack of education and of their rights.
3	03.08.2018	Saidpur Slum Area	Health Awareness	High level of awareness regarding health
4	04.08.2018		School in the Camp	Excellent awareness regarding
5	05.08.2018	PMCH	Cleanliness campaign	Good
6	06.08.2018 08.08.1018	to Sums	ODF-Distribution of leaflets in slum area	Very high level of awareness among students to issues of hygiene in neighbourhood surroundings

7	09.08.2018 13.08.2018	to Bahadurpur Gol Ghar	Cleanliness in slums Play Card Rally	Very satisfactory students to issues and pr cleanliness and garbage d
8	6.10.2015	Darbhang House to Ashok Rajpath	Voter Awareness, Humn Chain	Satisfactory regarding voting

All these extension activities have given the participants exposure to cases of unjust deprivation and have created strong motivation for alleviation of this injustice. Apart from this the significance of clean surrounding, hygiene, sanitation in the neighbourhood, garbage disposal, and sensitizing the community at large to these vital issues. All these initiatives have gone a long way in holistic development personality of the participants of these programmes.

Following activities were conducted by NSS, Patna University 6+ unit for sensitizing students to social issues

S.N.	Date/Year	Activity	No. of Participants	Impact
1	Nov, 2014	Cleanliness Campaign, Swaksha Bharat Abhiyan, Campus	65	satisfact
2	Nov, 2015	Cleanliness Campaign, Swaksha Bharat Abhiyan, Campus	72	satisfact
3	03.02.2016	Financial and Consumer Awareness	102	Exceller
4	11.08.2017	Essay writing on Youth and National Development in India	132	Exceller
5	12.08.2017	Debate on 'Democracy is successful in India	125	Very go
6	06.10.2017	Blood Donation Camp	72	Exceller
7	08.03.2018 to 14.03.2018	Special Camp on Women Empowerment	70	Very eff
8	01.08.2018 to 14.08.2018	Swachhata Pakhwara	Approx. 200	Very go

Blood donation camp strengthens the sense of empathy and compassion among donors and also instils in them a sense of commitment and ethical responsibility. Programmes on women empowerment creates awareness among girl students of their condition and their rights, and among boys a sensitivity towards problems of women, leading to lessening of gender bias and patriarchal prejudices. All this leads to informed, balanced and responsible citizenship.

The activities listed above are indicators of the manner in which multiple issues of social, political and economic significance are discussed and dealt with in order to create sensitivity and understanding among students and contribute to balanced development of their personality, so that committed and ethically informed citizenship is created.

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

**Response:** 0

3.6.2.1 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
0	0	0	0	0

#### File Description

#### Document

Number of awards for extension activities in last 5 years

[View Document](#)

### 3.6.3 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:** 21

3.6.3.1 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
7	7	4	2	1

#### File Description

#### Document

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

[View Document](#)

### 3.6.4 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:** 24.45

3.6.4.1 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
479	0	100	602	465

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	<a href="#">View Document</a>

### 3.7 Collaboration

#### 3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

**Response:** 0.6

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

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

File Description	Document
Number of Collaborative activities for research, faculty etc	<a href="#">View Document</a>

#### 3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

**Response:** 11

3.7.2.1 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
3	2	2	2	2

File Description	Document
Details of linkages with institutions/industries for internship	<a href="#">View Document</a>

**3.7.3 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: 1**

3.7.3.1 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	1

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>

## 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:**

The University has adequate facilities for teaching-learning. The details are:

**Number of Classrooms:** 96

**Number of Smart Classrooms :** 9

**Number of ICT enabled classrooms:** 28

**Number of Subject Laboratories- 34**

M.Sc.( Botany)-05, M.Sc.(BioChemistry) – 06, M.Sc.(Chemistry) - 02, M.Sc.(Geology)-04, M.Sc. (Physics) -05, M.Sc.(Biotechnology)- 05,

M.Sc.(Zoology) –0 5, M.A.(Geography) - 02

**Number of Laboratory cum Classroom- M.A (Psychology) -01**

**Number of Computer Laboratories – 09**

M.Sc.( Botany)-01, M.Sc.(BioChemistry) – 01, M.Sc.(Geology)-01, M.Sc. (Physics) -01, M.Sc.(Biotechnology)- 01, M.A.(Geography) - 01 , MCA – 2, PU Computer Centre – 01 (Open for All)

**Type of facility available:** Library-cum- classroom, Video Conferencing system, Audio system, Smart board, Chock-duster, Lecture theatre, Laboratory, photocopier, public address system, Wi-fi, e-library

**E- resources and techniques used:** CDs, Ppt. National Digital Library (NDL), Internet, Video Conferencing, E-Lecture, Swayam, Shodh Ganga, E-Shodh Sindhu, Swayam Prabha channel

**ICT tools available:** Laptop, Projector, Desktop, Android, PowerPoint Presentation, Lecture theatre, Smart Board, Overhead Projector, LCD Projector, Slide Projector, Pen Drive, Storage device, Printer, Scanner, Desktop, E-books, E-theses& Dissertations, E- copies of Journals.

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

**Response:**



The Institute has adequate facilities for sports, games, specially outdoor. doors

- There are two main play grounds in the University - one in Patna Science College campus which is 2999494 sft (6.88 Acres), and another one in Patna College campus which is 114294 sft (2.62 Acres).
- In Patna Science College campus a badminton court of approximate 6000 sft is under construction.
- University has a Gymnasium in Patna Science College campus with approximate area of 6000 sft.
- GDS Chhatrawas and Ganga Chhatrawas of Patna University also have Gymnasium.
- Yoga Centre is also running in the Central Dispensary, which is an allied unit of Patna University.
- For cultural activities Wheeler Senate House of approximate area 9550 sft is available.

University trains willing students in Classical Hindustani Music.

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

**Response:** 33.68

##### 4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 32

#### 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:** 21.7

##### 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
508.4	241.2	264.6	330.3	380.1

#### File Description

#### Document

Any additional information

[View Document](#)

## 4.2 Library as a Learning Resource

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

##### Response:

- The Library is being automated and all the books, manuscripts, journals and other relevant materials are in the process of being digitized so as to provide remote access to the Patna University Library resources.
- PU Library has the following development plans:
  - To take efforts to increase students interest in reading and research.
  - To enrich the collection of library.
  - A long range plan based on knowledge of the community, community expectations, resources of the community and realistic projections of the future need of the community and administration
  - To perform responsibilities better by providing efficient and progressive library services.
- PU Library has recently signed MoU with Shodhganga and is now accessing the URKUND the anti plagiarism software to check the PhD thesis and research papers before putting it to public domain.
- PU Library has recently subscribed J-Gate through e-shodhsindhu consortium. It provides access to almost 36000 e-journals and several thousands of full text articles.
- PU Library has membership of the World eBookLibrary and the South Asian Archive provided through e-shodhsindhu to access more than 6,00,000 e-books, e-journals, audio-visual lectures etc.
- PU Library has recently subscribed to Current Science Journal Association for accessing the journals provided by this organization.
- PU Library has the subscription of Institute of studies for Industrial Development (ISID) provided through e-shodhsindhu.
- PU Library is providing access to the National Digital Library of India, an initiative taken by the MHRD, Govt of India. Almost all of the faculty members, non-teaching staff and students are currently enrolled in this e-library.
- PU Library is being automated through OniBus Software, which is an Integrated Library Management system (ILMS) based on e-Granthalaya. The details in this regard are given below:
  - Name of the ILMS software: OniBus
  - Nature of automation: partially
  - Version- 1.0
  - Year of automation: 2018

File Description	Document
Any additional information	<a href="#">View Document</a>

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

##### Response:

The manuscript section of this Library deserves special mention for having a collection of more than 6,000 (six thousand) valuable manuscripts encrypted on palm leaves, animal skin and woods etc. in Maithili, Bengali, Tibbetan, Brajbhasha, Tamil, Chinese,. Oriya, Sanskrit, Hindi, Nepali, Arabic, Persian and Urdu pertaining to the period from 14th to 17th century AD. Some of the manuscripts are rare ones and of historic importance too. Important amongst them are : Saroj Kalika and Malti Madhvan of 14th Century AD, Tolinama, Risala Sifat Jaruriya of 15th century AD, Jahangirnama, Brihad Jatak ,Khatmaye Ferhanse Jahangiri of 16th century and Mashnavi Seen Khushro and Laila Majnu of 17th century AD. It is believed that the manuscript on Laila Majnu is available only in P.U. library in the world. The available manuscripts have been cleaned by the assistance of Manuscript Conservation of India. Afterwards the partly damaged ones are being conserved. Soon after the conservation work all will be digitized and be made available to all. The Library contains a good number of books obtained from Bayley Memorial Collections, Banali Economic Collections, R.B.S.S. Saba Hindi Collections, Gandhi Memorial Collections, A.S. Altekar Collections, B.R. Mishra Collections, Lohiya Collections

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 4.2.3 Does the institution have the following

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

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

**Response:** Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 5.43

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
0.07	5.18	5.82	8.25	7.81

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**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:** 14.12

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

Response: 200

File Description	Document
Any additional information	<a href="#">View Document</a>

**4.2.7 E-content is developed by teachers :**

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. For NPTEL/NMEICT/any other Government Initiatives
6. For Institutional LMS

**Any 5 of the above**

**Any 4 of the above**

**Any 3 of the above**

**Any 2 of the above**

**Response:** None of the above

File Description	Document
Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG)	<a href="#">View Document</a>

## 4.3 IT Infrastructure

### 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

**Response:**

Patna University Computer Centre established Local Area Network (LAN) at the centre and it extended LAN to Offices & Sections of Patna University Main Office.

Under NME-ICT, there is 1Gbps connectivity in the Network. There are 10 static IPs available for the University. Server, Switch (Juniper) and Firewall are in place. The University promotes Open Source Software. Earlier IP Cop firewall server was used. Now it has been switched to Pf Sense Firewall Server. University Telephone Exchange with latest technology BTS and MDS systems is in place at Patna University Computer Centre for better connectivity. Wi-Fi under “7 Nischay of Govt. of Bihar” has been established and workings in all wings of Patna University Monitoring of Wi-Fi are being done through Wi-Fi Servers.

Computer Laboratory with 40 computers, Smart Class Room, Video Conferencing Room/ Content Development Unit are in place at Patna University Computer Centre. Various departments/units of Patna University are equipped with latest version of computers, laptop, projector, printer etc.

Patna University Computer Centre has established its Library in its building. All books of PUCCL library have been enlisted on e-granthalaya on the NIC portal. The catalogue of books are available on e-granthalaya.

Ph.D Course Work, MAWS Course on Computer Education, Spoken-Tutorial and IT Skill Development Courses for various faculties are conducted regularly at Patna University Computer Centre. There is facility for SWAYAM classes. Training, Workshops, Webinar and Video Conferencing sessions are regularly organised.

AISHE Survey Data are being uploaded regularly. Patna University Website ([www.patnauniversity.ac.in](http://www.patnauniversity.ac.in)) is regularly updated and restructured time to time. There is website for Patna University Alumni ([www.pu-almuni.in](http://www.pu-almuni.in)) also.

Patna University Mobile App was launched on 01.10.2018 and it has been updated with New Version on PU U8 platform. It has various features including student Feedback, Student Attendance etc.

<b>4.3.2 Student - Computer ratio</b>	
<b>Response:</b> 6.96	
<b>4.3.3 Available bandwidth of internet connection in the Institution (Lease line)</b> <b>?1 GBPS</b>	
<b>500 MBPS - 1 GBPS</b>	
<b>50 MBPS-250 MBPS</b>	
<b>250 MBPS-500 MBPS</b>	
<b>Response:</b> ?1 GBPS	
<b>4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)</b>	
<b>Response:</b> Yes	
<b>File Description</b>	<b>Document</b>
Facilities for e-content development such as Media Centre, Recording facility,LCS	<a href="#">View Document</a>
Link to photographs	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

<b>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</b>				
<b>Response:</b> 10.68				
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
187.20	131.33	166.97	197.12	174.12
<b>File Description</b>	<b>Document</b>			
Details about assigned budget and expenditure on physical facilities and academic facilities	<a href="#">View Document</a>			

#### 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:

60% of the tuition fees is given as Contingency grant to the Departments.

#### UTILIZATION

**Laboratory:** University provides Contingency grants to the Departments from which necessary materials are procured for classes and examinations. The utilization certificate is sent by the Departments to the University after examinations

- **Library:** It caters to the need of about 300-400 readers every day. PU Library has recently signed MoU with Shodhganga and is now accessing the URKUND the anti plagiarism software to check the PhD thesis and research papers before putting it to public domain.

- **Computers:**

##### Patna University Computer Centre

1. NKN 1GBPS connectivity and internet facility has been extended to all Officers & Sections of Patna University Main Office, P.U. Central Library, Works Department, P.U. Press, P.U. Wi-Fi and are being used properly.
2. P.G. Course work of I.T. Skill Development are being conducted regularly thus utilizing Smart Class Room and Computer Laboratory .
3. For Ph.D. Course Work, Master of Arts in Women Studies Course Work on Computer Education and Spoken Tutorial classes Computer Systems are being utilized.
4. Telephone exchange and Wi-Fi server have been established at P.U. Computer Centre.
5. Content development facilities have also been extended.

The facilities/resources of P.U. Computer Centre are being used for/ by:

- (i) The purpose of Video Conferencing sessions
- (ii) NAAC office & other offices
- (iii) Preparation of All India Survey on Higher Educations.
- (iv) Preparation of Computerised Pay Roll and budgets
- (v) Training of Staff & other trainings
- (vi) Management of Patna University Website and P.U. Alumni Website and P.U. Mobile App
- (vii) Preparation of University Management Information System's document and documents of Media &

Language Lab.

The Departments computers are used for teaching –learning, co curricular activities, extracurricular activities and office work. The materials for computer- related activities like DVDs, ink, pen drives etc. are procured from Departmental Contingency grants.

**Classrooms:** Classrooms are used for classes and for holding co curricular and extracurricular activities. The Contingency grant is utilized for purchase and procurement of material required for these activities.

### MAINTENANCE

The buildings of Laboratory, Library, Computer Centre, Classrooms and sports complex are maintained by Works Department. The Works Department of Patna University follows the Schedule of Rate of Government of Bihar for estimation of all type of Civil and Electrical construction and repairing works. The approval of projects of Works Department is given by Building Committee of the University under Chairmanship of the Vice Chancellor with University Engineer as Member Secretary. It follows the rule and regulation of Public Works Department, Government of Bihar for awarding the work to agencies.

The funding agencies of University are

- (i) **UGC:** After XIIth Plan period no fund allocated for Patna University.
- (ii) **State Government Fund/Central Government Fund:**
  - 1. Bihar State Educational Infrastructure Development Corporation Ltd.(BSEIDC).
  - 2. RUSSA also given funds to BSEIDC for development of University.
- (iii) **Internal Resource (Building Maintenance Fund):** the maintenance charge of quarter occupied by teachers and non teaching employee

**Laboratory:** The building, electric and water supply systems used in the laboratories are maintained by the University. Equipments and apparatus are procured from UGC grant as well as from various project funding organizations. Repair and maintenance are carried out by the Departmental contingency as well as project funds.

**Library:** Library fee is collected from students at the time of admission and the fund is used for maintenance. Revenue is also generated from the vocational courses on Library management

**Computers:** Expense on minor repair and maintenance of department computers is met from Department Contingency Fund.

#### Maintenance of equipment at Patna University Computer Centre

- 1. Computer systems and equipment are being maintained as per requirement.
- 2. Workshops are conducted time to time and resources are utilized.
- 3. Wi-Fi utilization report is attached.



**Classrooms:** Electricity supply, water supply and major repair and maintenance work is managed by the University.

Contingency grant is used by the Department for

- minor repair and maintenance of equipments and appliances
- replacement of minor electrical device like bulbs
- purchase of teaching materials like chalk, paper, registers etc

NAAC

## 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:** 40.99

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
1160	1262	147	106	114

#### File Description

#### Document

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

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

[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:** 0.55

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
7	5	2	15	8

#### File Description

#### Document

Any additional information

[View Document](#)

#### 5.1.3 Number of capability enhancement and development schemes –

1. Guidance 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

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

**Response:** 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	<a href="#">View Document</a>

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

**Response:** 6.29

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
110	85	61	70	104

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>

#### 5.1.5 The institution has an active international students cell to cater to the requirements of foreign students

**Response:**

The office of the Pro- Vice Chancellor and Dean, Student's Welfare, Patna University deals with students coming from foreign countries. They are provided accommodation in the University Guest house. A teacher/ research scholar from the concerned department is attached as mentor. Medical care is provided in the Central dispensary of the university. A foreign student is free to use all facilities normally available for other students.

Presently there are two Full bright scholars from USA – one in the Political Science Department and the other in English Department. Many students from Nepal, Bangladesh and south east Asian countries come for doing masters degree and PhD work. Many have completed their PhD work successfully and have been awarded PhD degree. Thrust area of studies preferred by foreign students are Mathematics, environmental studies, biodiversity, biological conservations, water quality assessment and green chemistry etc.

#### 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	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 8.38

#### 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
157	129	92	86	82

File Description	Document
Details of student placement during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.2.2 Percentage of student progression to higher education (previous graduating batch)****Response:** 3.35

5.2.2.1 Number of outgoing students progressing to higher education

Response: 43

**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:** 49.18

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
40	31	38	108	221

5.2.3.2 Number of students appearing 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
120	73	84	175	350

**File Description****Document**

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

[View Document](#)

Any additional information

[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:** 3

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
2	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	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

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

**Response:**

Patna University has a very active and dynamic Students' Union. It has been constituted by Patna University Act, 1976 (Section 44 (2)). Under this section, Statute regarding the formation and function of Patna University Students Union were framed and implemented. It incorporates all provisions, objectives, functions, organization, election process, criteria, fund and budget etc. of the Students' Union.

#### Objectives of the Students' Union according to Statutes:

- To promote
  - (a) discipline and decorum in the university
  - (b) mutual contact, democratic outlook, and spirit of oneness among students of the University
  - (c) social harmony among all students and to work towards their cultural and academic development
  - (d) close and cordial relations between students and teachers of the University;
  - (e) leadership quality among students and a consciousness of the university, to equip them for becoming responsible citizens

(f) self-reliance, service to the people and duty towards development of the nation

- To meet, discuss and make representation to the Central, State and University authorities on matters concerning the common interest of the students

### **Activities**

According to the Statutes the Students' Union may assist the University in organizing following activities related to students

(a) Debates, discussions, lectures, study circle, essay competition;

(b) Cultural performance and contests;

(c) Indoor and outdoor games

(d) Publication of magazines, bulletin and wall newspapers

(e) Trips and tours

(f) Social Service and Social Relief activities

(g) Running cooperatives

(h) organizing poor Boys' fund and Book Bank for needy students

In 2018, bus service for Patna University students and, recently, bus service for women students of Magadh Mahila College and Patna Women's College was started due to the initiative taken by the Union.

### **Representation of students on academic & administrative bodies/committees of University**

- President and General Secretary of Patna University Students' Union are permitted to attend the meeting of the Senate of the University. Divyanshu Bhardwaj, President and Shudhanshu Bhushan Jha, General Secretary attended the Senate meeting held on 27.10.2018. Anshuman attended the meeting on 22.12.2017
- President of Patna University Students' Union Mohit Prakash and Shambhavi Singh, student of M.Sc. (Statistics) are members of the IQAC
- Treasurer of the Union is one of the signatories for operating PUSU Fund Account
- Sports secretary and the Cultural Secretary of the Union are ex-officio members of the Sports board and the Cultural board respectively. Currently Neeraj Kumar Yadav is ex-officio member of the Sports Board and Pragati Chouhan is ex-officio member of the Cultural Committee.
- Representatives of the Students' Union are given invitation for attending programmes/functions held in Departments/Institutes/Colleges
- Student representative are nominated as members of the Departmental Councils of different departments

Patna University Students' Union is a body of very politically conscious and socially committed students. The participation of students in Patna University Student Union elections held on 17.02.2018 has been

excellent. 66 students contested for 5 posts. More than 50% voted in the elections. Similar participation was witnessed in the Union Elections held on 05.12.2018.

<b>File Description</b>	<b>Document</b>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 17.2

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
44	24	6	8	4

<b>File Description</b>	<b>Document</b>
Report of the event	<a href="#">View Document</a>
Number of sports and cultural activities / competitions organised per year	<a href="#">View Document</a>

## 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 University Alumni Society is in place. The society will be registered this month. Different executive bodies of the society were also constituted at the meeting. Patna University Alumni Society is active in extending support for the development of the University in all spheres. The alumni of the University are in prominent positions. Many alumni instituted prizes and medals, granted scholarships to meritorious students, donated books to the departmental libraries and supported infrastructural facilities. In addition, the alumni regularly interact, motivate, guide and help the present students to shape their careers. Some alumni have contributed for construction of roads, toilets, boundary walls, publication, RO water facility and plantation etc. worth more than Rs.89.64 lakhs in recent years.



In addition, many departments have departmental Alumni Association. Their contribution to the alumni to their respective department has been significant.

1. In Department of Geology 02 meetings of the Alumni Association were held in the past 5 years. 122 alumni are enrolled as members. Alumni interaction with students is held, marked by sharing, guidance and counselling.
2. In Department of Statistics 11 meetings of the Alumni Association were held in the past 5 years. Retired teachers, who are also alumni, engage classes of M.A./M.Sc. regularly keeping in view the acute shortage of teachers. They deliver special lecture and provide support in conducting seminars. Since no remuneration has been paid to them, their total expected contribution to the department in the past 5 years is more than Rs one crore. Some alumni, settled abroad, deliver lecture in the Department on their visit to India. An alumnus, Rahul Singh, Research scholar at IIT Kanpur, delivers special lectures and provides academic counselling to the students.
3. In Department of Geography Alumni Meet was held on 8th December 2018. 50 members were registered. Several measures were suggested for development of the Department. Prof. K.K. Maltiar, alumnus and former HoD, announced donating Air Conditioner and scholarship to the Department. Retired teachers, who are also alumni, engage classes of M.A. regularly keeping in view the acute shortage of teachers. Their contribution is substantial since no remuneration is paid.
4. In Department of Applied Economics & Commerce and Management Programme contribution of Rs. 25000/- was made by an alumna.
5. Department of Economics held its Alumni meet on 18th January 2019
6. Department of Biochemistry held its Alumni Meet on 26th January 2019
7. The former teachers, who are also alumni of the Department of English and Department of History, engage classes to support their department in view of the shortage of teachers. Dr Muniba Sami, an alumna of the Department of English, has been engaging classes since 2013 without any remuneration after her retirement. As such her contribution is immense.

The Alumni of Patna University have contributed in a very considerable and substantial manner to the development of their departments and the University.

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

**? 100 Lakhs**

**50 Lakhs -100 Lakhs**

**20 Lakhs -50 Lakhs**

**5 Lakhs -20 Lakhs**

**Response: 50 Lakhs -100 Lakhs**

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Alumni association audited statements	<a href="#">View Document</a>

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

**Response: 8**

#### 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
6	0	1	1	0

<b>File Description</b>	<b>Document</b>
Report of the event	<a href="#">View Document</a>
Number of Alumni Association / Chapters meetings conducted during the last five years	<a href="#">View Document</a>

## 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 University

##### Response:

##### VISION

Our vision comprises responsible reevaluation of the rich scholastic tradition of Patna University and focuses on dynamics of future challenges to build worthy human values and capital for Bihar, India and the World.

##### MISSION

- To build a scholarly community engaged in regular and committed teaching, quality-research, co-curricular and socially productive activities, timely and fair examinations.
- To provide intellectual integrity and artistic freedom to facilitate the microcosm of an enlightened civilization.
- To build an institution through democratic, disciplined and committed participation.
- To contribute to the resurgence of inclusive development in Bihar.
- To render Patna University one of the most preferred destinations for students, faculty and scholars.

The perspective plans of the University reflect the values embodied in the vision and mission of the institution, that of knowledge creation, commitment, quality, socially productive activity, intellectual integrity, artistic freedom, creation of enlightened citizenship, democratic functioning and discipline. These are reflected in the Perspective/Strategic Plans (refer to STRATEGIC VISION under Vision Document) of the University.

##### Strategic / Perspective plans:

- To undertake high end research
- to provide higher education which is characterized by outstanding student experience, exceptionally good learning environment, research productivity, employability of students, wonderful campus environment and committed social responsibility.
- to find solutions to the major challenges of the time affecting our society, country, region and world
- to help the Library in storing and managing information generated due to 'digital deluge' by modernizing e-infrastructure continually and providing opportunities for students and staff to use the latest technologies in learning and research activities

Patna University has consistently upheld its tradition of achieving excellence in higher education and has worked towards achieving its objectives and strategic goals. This has been facilitated by the nature of governance which is very democratic and participative as indicated by the following features:

#### 1. Interaction with Stakeholders

Concerning interaction with stakeholders, Patna University has statutory process available at different levels with Senate, Syndicate and the Academic Council. Each level finds representation from diverse stakeholders, both from within and outside. These include: representatives from students and research scholars, teachers from colleges, faculty members from departments and faculties, experts, and civil society. Besides this teachers of the University are appointed as Proctor and Deans, Planning officer, Development officer, Librarian, Directors of different institutes and members of different statutory committees. All important academic and administrative issues are clearly discussed at the different forums before taking final decisions.

### 1. Reinforcing a Culture of Excellence

All functionaries of Patna University who hold leadership positions within the University are responsible and accountable for ensuring that the University not only maintains its high standards, but also reinforces an overall culture of excellence in teaching-learning, research and social outreach programmes. They work in a coordinated manner to lead the University to move forward from strength to strength.

The institutional leadership and the well established systems of governance and management constitute the inherent strengths in the University system, and these have enabled it to demonstrate high academic standards.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 6.1.2 The institution practices decentralization and participative management

#### Response:

The Patna University functions in a well-structured and defined manner to ensure participative management at all levels of decision making.

All the Post Graduate Departments, Institutes and Colleges function under the control of the **Vice Chancellor** of the University. Powers relating to running the colleges, have been delegated the Principal concerned. Principals have different committees to suggest him/her as far as administering the college. Likewise, Heads of the P.G. Department have been delegated the powers by the Vice Chancellor to smoothly run the Department. In between the Heads and the Vice Chancellor, there happens to be the Deans of the Faculty, who also have the powers and use to advice the Vice Chancellor on core issues. Such is the decentralisation of the power in Patna University.

The **Patna University Act 1976** and amended up-to date designates the following as the “**Statutory Committees**” of the Patna University, to suggest the measures to the Vice Chancellor to run the University:-

01. Post creation, absorption and confirmation Committee
02. Approval, Seniority and Pay Fixation Committee

03. Promotion Committee
04. Student's Residence and Welfare Committee
05. Scholarship and stipend committee
06. Study Leave Committee
07. Finance Committee
08. Equivalence Committee
09. Statutes Committee
10. Library Committee.
11. Building Committee
12. Purchase and Sales Committee
13. Press Committee
14. Discipline Committee
15. Admission Committee
16. Academic Calendar Committee
17. Sports Committee.

**With above mentioned Statutory Committees following are the non-statutory committees:**

01. IQAC
02. Grievance Cell
03. Gender Sensitisation Cell
04. Anti Ragging Committee
05. NSS committee

The Constitution of all these Statutory and non statutory Committees consists of members from all the various segment/state holders clearly indicates the de-centralised and participative work culture incorporated within the ambit of Patna university Act and statues.

## Academic Administration

Academic decisions pertaining to introduction, revision and reformulation of courses and syllabi are taken through 'Academic Council' after obtaining inputs from concerned faculties and departments. The composition of the Academic Council reflects the participative nature of University administration. At the faculty and department levels, there are bodies like Departmental Council, Board of Courses & Studies, Departmental Research Committee, etc., which function in a coordinated manner to take decisions with respect to academic and research-related issues. The case of syllabus revision undertaken in 2018 is an example of participatory functioning. The syllabi framed by the Departmental Councils and Board of Studies were discussed and approved by the Academic Council, followed by approval from the Chancellor's office .

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

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

#### Response:

**Present Position:-**The Patna University had been established in 1917. With 10 colleges, 31 Post Graduates Departments, 03 Institutes and different Vocational Courses. Right from the inception, the University has functioned with good quality policy. Our improved efforts in implementing better quality policies resulted in getting UGC recognition long back ago.

The prominent resources that the University currently has are:-

- Qualified and experienced faculty members
- Computerised Central Library
- Well-equipped Computer Centre at University level and laboratories at P.G.
- Offering value added certificate courses.

The University adopts its prospective plan keeping in view vision and mission. While deciding its future initiatives, the Patna University use to take into the consideration all facets of development including teaching/learning, research and development, community engagement, human resource, infrastructure etc.

In the recent past, the Patna University has taken several digital initiatives which are as follows:

Wi-Fi enabled campus and colleges

## Digital Administrative Process

### Digital Research Initiatives

#### Perspective plan for the development of the University:

01. Standardising the ICT based teaching-learning process
02. Offering more value added certificate courses.
03. Adoption and implementation of CBCS
04. Strong Grievance Redressal Mechanism

**Case Study:** One of the major problems of the University was extending retiral benefits to the employees on the very day of retirement. It was found that retiral benefits are generally delayed due to non submission of no dues certificates, lethargic work in the adjustment of money against the advance for different work, non performing co-operation from the bank and delay in the transfer of foreign contribution in case of the teachers remaining on lien for some time. The University resolved to solve the problem so that no superannuated teachers/employees need to come again and again for their dues. The University adopted three tier systems given below to solve this problem.

1. Monthly meeting on 23rd of each month under the chairmanship of FO/FA to hear the grievance if anyone has.
2. Pension Adalat :If employee is not satisfied with the redressal of the problem by the retiral benefit committee than he/she is free to come to pension adalat, which is a quasi judicial court in which the judgement is delivered by the Vice Chancellor consequent upon the system has started to function in proper order .
3. In third tier both employer and employee have been directed to settle dispute and redress the grievances in the best spirit of statutory and legal problems .At present every superannuating employee has been getting his/her retiral benefit as like

- (a) Pension paper
- (b) Gratuity
- (c) GIS
- (d) Leave Encashment
- (e) P. F

On the day of retirement in the presence of the Vice Chancellor. Now no retired person needs to come to the corridors of the University for matters related to retirement .This mechanism has directly created a sense of confidence in the employees and he/she getting tendency to be judicious and committed to work without any psychological fears of harassments after retirement.

File Description	Document
Any additional information	<a href="#">View Document</a>

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

#### Response:

According to Patna University, 1976. The Governor of state is the **Chancellor** of the University (section 10). He is the head of the university and the president of Senate. **The Vice-Chancellor** is the Principal Executive and the Academic Officer of the University.

He / She is the Ex-Officio Chairman of the Academic Council, the Finance Committee and Statutory committee etc. The Section-11 of the Patna University Act, deals with qualification, power and function of the Vice Chancellor.

**The Pro-Vice Chancellor** (Section-14), Finance Adviser (section 14 A), Dean students welfare (Section 15), the Registrar (Section 16), Proctor (Section 16 A) and Finance Officer (Section 17) are the other important Officers of the University. Patna University Act also incorporates the authorities and functions of some of the authorities are as follows:

#### **The power of the Chancellor(section 10) of the Patna University Act 1972:**

The chancellor of the university have the power to inspect the university, its buildings, laboratories, workshops and equipments. The chancellor may annul any proceeding or orders of the university which is not inconsistent with the act, statute and ordinance or regulation. The chancellor is also empowered to review or recall any order passed by him if it is necessary in the interest of justice.

#### **Section 22 outlines the functions of Senate**

The Senate is the supreme governing body of the University. Some of powers are:

- of making the Statutes, and amending or repealing the same;
- of considering the Statutes and Regulations, and amending or repealing the same;
- of passing resolution after having considered the annual reports, the annual Account, the financial estimates and audit report on such accounts;
- of exercising the powers for the purpose of control in College and of superintendence;

**Functions of the Academic Council (Section 26)** – The Academic Council is the Chief academic body of the University. It

(a)determines and regulates all academic matters concerning the University

(b)has powers of superintendence and control over and is responsible for the maintenance of standards of



instruction

(c) supervises and control over the teaching in the colleges as prescribed by the Statutes;

(d) has powers of general control over the Examination Board.

**Some important functions of the Syndicate(section 24) – The Syndicate-**

- holds, controls and administers the property and funds of the University
- manages any funds placed at the disposal of the University for specific purposes;

Financial Advisor is appointed by the Chancellor and is under his administrative control. He is the ex officio member of the Finance Committee, and his advice is mandatory in all proposals having financial implications,. He is responsible for preparation, maintenance and audit of accounts, receipt of grants from UGC and submission of utilization certificate etc.

Dean of Students Welfare, Proctor, Budget Officer and other officers is appointed by the Vice Chancellor from amongst University Professors, Readers or Principals. Her /his duties, powers and functions are prescribed by the statutes.

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Link to Organogram of the University webpage	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **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**

**All 5 of the above**

**Any 4 of the above**

**Any 3 of the above**

**Any 2 of the above**

**Response:** Any 2 of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	<a href="#">View Document</a>

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

##### **Response:**

The minutes of the meetings of several bodies of the University and implementation of their resolutions is available on the University

website at

<http://www.patnauniversity.ac.in>

The working procedures of various bodies is as follows:

##### **The Senate**

Senate of the Patna University constituted under Section 19 of the Patna University Act, 1976 and it consists of the Hon'ble Chancellor, the Vice-Chancellor and others ex-officio members, representative members and nominated members. According to section 22 senate is the supreme governing body the University and control over all the affairs and properties of the University An annual meeting of the Senate is held on a date to be fixed by the University. A report of the working of the University during the previous year, together with a statement of the receipts and expenditure, the balance sheet, as audited, and the financial estimates are presented to the Senate at its annual meeting.

##### **The Academic Council**

The Academic Council of the Patna University constituted under section 25 of the Patna University Act, 1976. The Academic Council consists of the Vice-Chancellor, Pro Vice Chancellor, Deans of the Faculties, Director Higher Education Bihar, all Head of the University Departments, Principals of the all Colleges who are not Deans and Others members. As per section 26 the Academic Council shall be the Chief Academic body of the university and shall have the power of the superintendence and control over and be responsible for the maintenance of the standards of instructions and education.

##### **The Departmental Council:**

The Department Council of the Patna University Constituted under section 28 of the Patna University Act, 1976. The Department Council consists of the Head of the Department, all the teachers of the Department, two students one to be nominated by the Vice-Chancellor and the other to be nominated by the head of the Department for each academic year.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

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

#### Response:

- Appointment as non teaching staff on Compassionate grounds of the wards of teaching and non teaching staff
- G.P.F facility
- Group Insurance Scheme for teaching and non teaching staff
- Transport Allowance
- Community Hall or Vacant Residential Quarters made available at very low price for the purpose of marriage or similar ceremony
- Teachers' Welfare Fund
- Salary Advance to needy staff members
- Arrangement of Personal loans from Bank
- Provision of ex- gratia payment for third and fourth grade employees in the case of serious illness or death
- Grievance Cell exists for non teaching staff. Meetings are held every month, chaired by the Pro Vice Chancellor. The report is given to the Vice Chancellor and the information is provided to the Chancellor.
- Central Dispensary with medical facilities exists for the teaching and non teaching staff and students of the University
- Cooperative Society is present with provision of loans to employees and teachers
- Provision for reservation exists in admissions for wards of teaching and non teaching staff
- Staff club facility for employees
- Free uniforms for class IV employees
- PUTA, PUEA and PUCEA are present for teachers and employees

Besides ,Patna University also extends the following services /amenities to its Teachers and Non Teaching staff:

**Medical Benefits:** The Patna University is having its own health centre known as Central Dispensary and it provides medical facilities

For its students, teachers and non-teaching staff to gate the benefit of this medicinal facility, health card with photograph issued by head of the concerned department.

**Concept of Loan without interest:** Patna University is having a unique welfare scheme in favour of its non-teaching staff in the form of giving them the loan of a lum-sum amount during festival session (Chatth, Durga Puja,) without any interest. The said given amount is recovered from their salary in a year.

File Description	Document
Any additional information	<a href="#">View Document</a>

### 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:** 0.67

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	3	1	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 7.2

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
13	6	5	8	4

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	<a href="#">View Document</a>
Details of professional development / administrative training programs organized by the University for teaching and non teaching staff	<a href="#">View Document</a>

### 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:** 4.46

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
5	5	4	10	6

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	<a href="#">View Document</a>
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development programs during the last five years	<a href="#">View Document</a>

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

**Response:**

#### For Faculty Members:

Patna university has a self-appraisal system covering all the aspects of academic, administrative and research activities of faculty members. The Highlights of the appraisal are given below:

- Educational qualification
- Carrier profile
- Research interest/specialization
- Teaching experience
- Honors and awards

- Research publications
- Research project
- Journal publication

In addition to the above faculty are rated by students through and offline fid-back system. The fid-back form covers the following areas:

- Punctuality
- Communication and presentation scale
- interaction
- clarification of doubts

overall rating of the teachers

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

#### Response:

Auditing is an important part of the functioning of Patna University Financial Management. Here in Patna University during the years 2013-2014, 2014-2015, 2015-2016, 2016-2017 and 2017-2018 all the expenses made by the university and by its different units were audited by three different wings of the audit system viz. INTERNAL AUDIT, GOVERNMENT AUDIT or FINANCIAL AUDIT and the audit team deputed by the Accountant General (AG) of Bihar. All expenses such as of revenue nature are audited by the Internal audit. Besides, any such expenditures involving payment from the grants received from the state govt. and the UGC is audited by viz. the Internal audit, the Financial audit and the audit team deputed by AG of Bihar. Audit of accounts of Patna University is also conducted by the Accountant General (AG) of Bihar from time to time. The audit team deputed by the Accountant general of Bihar does the 'TEST CHECKING' of various types of accounts relating to the funds especially received from the State government and University Grants Commission (UGC). The audit team deputed by the A G of Bihar also audits stock registers, and conducts audit of Patna University Library, audit of Works department of the university and audit of all Plan Expenditures of the University.

The Internal Audit of the University makes a thorough audit of the expenditures of the University.

The Audit Department/ Audit Team works under the direct control and supervision of the Financial Advisor of the university. Audit objection if any is settled by the Public Accounts Committee (PAC), Government of Bihar and Pay Fixation committee which is a Statutory Committee and is chaired by the Vice Chancellor of the University. All these are regulated by the Patna University Act and Bihar Financial rules.

File Description	Document
Any additional information	<a href="#">View Document</a>

**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:** 74.98

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
74.98	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

Patna University mobilises its funds received mainly from State government and University Grants Commission (UGC) on various Heads of Expenditures of the University. Funds received from State government are spent on payment of salary of teaching and non-teaching staff of the university. Each and every amount of fund received from State government and UGC are at par with budget allocation. Budget of the University is prepared keeping in mind developmental criteria of the University; accordingly provisions are made in the Budget, which is prepared by a team of experts under direct supervision of Financial Adviser of the University viz. Finance Committee, Senate and Syndicate which is ultimately approved by State government, and then fund is sanctioned, which is deployed on different Heads of Expenditures in accordance with approval of various statutory committees constituted by the University time to time for efficient use of funds/grants received from government. The University follows cent percent transparency in use of funds. Further, grants received from UGC are mainly earmarked for infrastructural related growth and developmental work of the University. Works department of the University usually takes care of utilisation of UGC grants which are to be spent on different Plan periods under fixed schedule, target and time.

UGC grants are spent after approval from Building committee, Sales and Purchase committee, Finance committee and other statutory committees of the University. All these committees are chaired by the Vice Chancellor.

The University also mobilizes its resources from funds generated from Self-financing and Vocational courses run by the University. All expenses of contingent nature are spent from this fund after getting approval from financial authorities of the University, Registrar of the University and thereafter it is finally approved by the Vice Chancellor.



**Resource mobilization is also carried out by following means:**

- Students fees
- Interest on corpus fund
- Overhead charges from the research grants received from various government and non-government agencies.
- Funding from alumni donors

Fund generated from above are principally used for maintenance and development of University. To facilitate the above initiatives, the University provides space on lease to various commercial utility facilities for students, faculty members and officials of the University such as banks (Allahabd Bank PU branch), Post Office, Railway Reservation Counter, etc.,

**Optimum utilization of funds is ensured through:-**

- Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Inter-disciplinary activities, training programmes, Refresher Courses that ensures quality education.
- Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.
- Enhancement of library facilities needs to augment learning practices and accordingly requisite funds are utilized every year.
- Adequate funds are utilized for development and maintenance of infrastructure of the University.
- Some funds are allocated for social service activities as part of social responsibilities through NSS and NCC.

Main motto of resource mobilisation and optimal utilisation of resources is to put Patna University on bench mark in tune with quality teaching and unique growth of students.

**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:**

In accordance with the guidelines of NAAC, the Patna University has established and IQAC to implement quality improvement through a combination of internal and external evaluation. The cell was sate up in 2018 and since then it is working to enhance the quality of teaching, learning, research and governance at the university.

Following are the examples of best practices institutionalized in the University as a result of initiatives



by

Internal Quality Assurance Cell through its regular meetings.

- Developing a mechanism of student feed-back
- Anti-plagiarism
- External publicity
- Preparation of MOU with different Institutions
- Arranging regular training programmes for student and staff.
- Organising awareness programme on NAAC
- Identifying the new process and recommending for quality improvement.
- Constitution of Research Advisory committee
- Constitution of ethnic advisory committee.

#### **Anti-Plagiarism drive**

IQAC members in its 3rd meeting dated Nov. 26, 2018 (Point No. 4) suggested that anti plagiarism is need to be started in every department and for the same MoU with INFLIBNET be initiated which is a pre-condition to procure free anti plagiarism software from UGC. It was further decided that Ph.D thesis only be allowed to be submitted after verification of plagiarism if any with effect from January 01,2019.This decision of IQAC is already implemented.

#### **Constitution of Research Advisory committee**

IQAC in its First meeting which was held in Academic Council Hall on 03.04.2018 under the chairmanship of Vice Chancellor, resolved to constitute Research Advisory committee for all six faculties(point No.01)This decision of IQAC was compiled and its implementation may be verified from the Action taken report of the Second Meeting of the IQAC which was held on 12.10.18 at 3:00 pm in Academic Council Hall.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**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:**

Two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are as below.

**A) IQAC periodically reviews the teaching learning process, methodologies of operations and learning outcomes:**

University Level Academic Calendar is prepared well in advance before beginning of the session.

Subject allocation is done based on the proficiency of the teachers. Individual faculty members organize a Course file which contains university syllabus and previous year question papers. The ICT enabled lectures in addition to black board teaching and Continuous monitoring of attendance and performance of students through Student feedback is taken ones during a Semester and necessary changes/improvements are made. Feedbacks are reviewed by Head of the Departments and it is communicated to the IQAC.

**B) Example of institutional reviews for its teaching learning process, structures & methodologies of operations and learning outcomes:**

Patna University always believes that audits, both internal and external are to be conducted periodically to ensure effective implementation of academic policies for ensuring and sustaining quality, Head of departments and other officers of the University evaluate delivery effectiveness of teaching methods using Structured documents and procedure framed by IQAC.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 0.6

**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
3	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	<a href="#">View Document</a>
IQAC link	<a href="#">View Document</a>

#### 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

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

**Response:** Any 1 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	<a href="#">View Document</a>

#### 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:**

Quality enhancement initiatives in the academic and administrative domains successfully implemented during the last five years

- **Campus Connectivity** built up:
  - Wi-Fi enabled campus and colleges
  - Digital Administrative Processes
  - Online Admission
  - Online Fee Collection
  - Online Certificate course with the help of SWAYAM PRABHA
  - Online Admission Tickets (for Entrance Test)

- Online Examination Date Sheets
- Digitization of Academic Records and Staff Records.

- **University Website** was developed
- **Funds under Special Assistance Programme(SAP)** was received by the Departments of Geology, Geography, Sociology, Hindi
- **Central Instrumentation Laboratory** was established, supported by Department of BioTechnology, Govt. of India
- **State of Art Laboratory** has been set up in the Department of Botany
- **Examination Reforms:** Patna University has made radical changes in the examination in the

1. The Examination Section has switched over from manual preparation of result to computerized tabulation and publication of result, and following it in the past five years.
2. Right to Public Service Act-2011 has been implemented in the Examination Section under which the students are provided with information within 15 days from the date of their application and corrected mark sheet if any is made available to them.
3. Patna University made radical changes in Ph. D. Course work in the last

Five years.

1. Ph. D. Course work is mandatory for research work
2. Pre-Ph. D. Presentation before submission of final thesis is compulsory for all the Research students.
3. Before submission of final thesis the candidate shall have to publish at least one research paper in a standard refereed journal.
4. It is mandatory to all research students to submit their thesis along with the soft copy.
5. After the award of Ph. D. Degree the soft copy is sent within a month to the UGC INFLIBNET CENTRE.
6. From 2nd February 2019 plagiarism check is made mandatory for Ph. D. Scholars before submission of their Ph. D. Thesis.

1. The Examination Section is steadily moving towards integrating all pre examination and post examination work through UMIS. The University has signed the MOU with NSDL for uploading the students' data on National Academic depository.
2. Computerized Result Processing through inhouse expertise has been introduced

- **Events Calendar/ Sports Calendar/ Cultural Activities Calendar** has been introduced
- **Biometric attendance** was introduced in 2018
- **Computer training programme for employees** was organised in June 2017
- **System of Computerized Payroll** has been introduced with inhouse expertise
- Large number of national level conferences were held
- **Seminar/Workshops** have been organised
- **Publication of Newsletters** in all departments was introduced in 2018
- All statutory bodies have been activated

- **Library Reforms:** The Library is being automated and all the books, manuscripts, journals and other relevant materials are being digitized so as to provide remote access to the Patna University Library resources. Enhancement of digital and multimedia content in Library includes :
  - e-ShodhSindhu
  - Shodh Ganga, Inflibnet Centre
  - Internet Access Facility
  - Digital Collection of Ph.D. thesis.

- **IQAC:**

IQAC sets the standard for various activities and processes and observes the performance against the set standards. Some of the initiatives of IQAC which have contributed towards incremental improvements since its inception are:

- MOU with different universities and departments .Conducting Remedial Coaching
- Conducting Bridge Courses
- MOU with different universities and departments .Conducting Remedial Coaching
- Conducting Bridge Courses
- Common formats prepared, circulated time to time and implemented.

- **Environment friendly campus** has been developed.
- **Waste Management:** University is very conscious of generating less waste and recycling it through a system that enables the used material to be reused ensuring that less natural resources are consumed.

**Solid Waste management:** Waste disposal has emerged into an industry and is more than just removing waste. With these view the University has initially established four solid waste disposal facilities (Composting) in different place of campus for disposal of organic wastes including plant debris. These facilities are located at VC lodge, GDS Girls Hostel campus, Botany Department and Hatwah Hostel Campus. The organic waste is segregated from non-recyclable and inorganic waste. This has allowed University to make use of organic waste to create compost. The composts are being utilized for our Plantations and also in future the University will package and sell the surplus compost to generate revenue.

### **e-Waste Management**

Flip flops, memory chips, motherboard, compact discs, cartridges etc generated by electronic equipments such as Computers,TV, Phones, Printers, Fax and Photocopy machines are recycled properly. Instead of buying a new machine buy-back option is taken for technology upgradation.

The e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through government authorized vendors.

## Green Practices

The University is aware of its environment conservation responsibilities and embraces principle of sustainable development to ensure that any adverse environmental impact of its activities is minimized through:

1. Use of bicycle: Many students use bicycle. Some teachers and staff members also use bicycle.
2. Majority of students, a number of staff and teachers use public transport. State transport Department also started bus services for Patna University students.
3. There is a speed limit restriction within the campus to make it friendly for walkers.
4. Healthy ecosystems, the University has embarked on a plantation drive in its campus including its second campus the Saidpur Campus. The campus has green landscaping of plants , having varieties of plants which includes Ashok, Gulmohar, Kadam, Ritha, Neem etc. The variegated cropping of more than 2000 plants has also been established as eco-friendly campus. Students also participate in campaigns like "*Plantation Drive*", "*Conserve native species of plants*".
5. **Compulsory courses on Environment sustainability and Swacch Bharat Abhiyan:** The University has introduced a compulsory course of 5 credits on **Environment sustainability and Swacch Bharat Abhiyan in** semester I all post graduate program.

## 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:** 7

##### 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
5	0	01	0	01

#### File Description

List of gender equity promotion programs organized by the institution

#### Document

[View Document](#)

#### 7.1.2 Institution shows gender sensitivity in providing facilities such as

- a) Safety and Security
- b) Counselling
- c) Common Room

**Response:**

Patna University offers conducive environment to female students, which is evident from the fact that the number of female students is increasing steadily. Presently 60% of the total students are girls. University Act and Policy guidelines for admission, recruitment, administrative function and academic activities safeguard the interests of the students, faculty and staff members without any differentiation to their gender. As a matter of fact true spirit of education is being practiced in the University i.e. no discrimination against caste, creed, religion and gender including third gender. The University provides safety, security and counselling facilities to both male and female students /staff through its well defined Equity, Diversity & Non-discriminatory policy guidelines. Some of the Departments are equipped with CCTV camera.

All programmes offered by the University are common to all irrespective of genders without any bias. In addition workshop /training programmes are conducted on legal rights, protection from domestic/social violence and gender sensitivity to all the students of the University. We are offering a compulsory course on "Human Values and Professional Ethics" in 3rd Semester of all programmes of University.

We are providing free education to all female students in all programmes except self-financing.

The University ensures the participation of women students in intra and inter-institutional competitions and cultural activities. They are active members of cultural and sports committee at the institutional and

University level and participate in various sports and cultural activities across India.

The University has established a Internal Complaint Committee (ICC) to address the issues related to sexual harassment and other problems

The life skills education training to the students, faculty & staff has developed a conducive professional relationship. All new students undergo an induction programme to understand the needs, concerns and characteristics of diversified people including women in the campus.

There are separate hostels with caring and responsive hostel superintendent and wardens with appropriate security arrangements for boys and girls, Rest room facility for girls are available in various blocks.

The University has the credit of creating gender sensitive environment. The academic ambience of the University promotes sensitivity and respect for each other.

### 7.1.3 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 renewable energy sources (in KWH)

7.1.3.2 Total annual power requirement (in KWH)

File Description	Document
Details of power requirement of the university met by renewable energy sources	<a href="#">View Document</a>

### 7.1.4 Percentage of annual lighting power requirements met through LED bulbs

**Response:** 6.67

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

Response: 69

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 1034



File Description	Document
Details of lighting power requirements met through LED bulbs	<a href="#">View Document</a>

### 7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

#### Response:

Patna University's key operations has very less impact on the environment as the University is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed.

The university has segregated waste into two parts:

- 1.Solid Waste
- 2.Liquid Waste

**Solid Waste:** The waste is generated by all sorts of routine activities carried out in the University that includes paper, plastics, glass, metals, foods, etc. The waste is segregated at each level and source Safai workers clean, segregate and compile the waste in the dustbins (Green and Blue) provided. The dustbins are emptied in movable containers/dustbins provided and are taken to the composting sites provided by the University. The University has contacted authorized vendors who collects the waste from the designated place, segregate them, recycles them and disposes them at the landfills authorized by the government.

#### e-Waste Management

Flip flops, memory chips, motherboard, compact discs, cartridges etc generated by electronic equipments such as Computers,TV, Phones, Printers, Fax and Photocopy machines are recycled properly. Instead of buying a new machine buy-back option is taken for technology upgradation.

The e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through government authorized vendors.

### 7.1.6 Rain water harvesting structures and utilization in the campus

#### Response:

Rainwater Harvesting facility consists of an elaborate network of rainwater harvesting, and it is present on some buildings of the campus.Rain water harvesting is a technique of collection and storage of rainwater into natural reservoirs or tanks or the infiltration of surface water into sub surface aquifers.The plant was first constructed in Department of Geology .The department also provides free consultation to the

individual for ground water quality, soil quality, rock & mineral identification. The plant is functional in the campus where University Department of Law is located. Two units of rain water harvesting plant is going to be installed in the University campus for which the tender is floated.

### 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 University is aware of its environment conservation responsibilities and embraces principle of sustainable development to ensure that any adverse environmental impact of its activities is minimized through:

- Use of bicycle: Many students use bicycle. Some teachers and staff members also use bicycle.
- Majority of students, a number of staff and teachers use public transport. State transport Department also started bus services for Patna University students.
- There is a speed limit restriction within the campus to make it friendly for walkers.

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

**Response:** 0.47

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
20.81	4.22	2.53	5.09	0.93

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**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	<a href="#">View Document</a>

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

Response: 14

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
2	3	4	2	3

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	<a href="#">View Document</a>

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

**Response: 12**

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
11	00	00	00	01

File Description	Document
Any additional information	<a href="#">View Document</a>

**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**

File Description	Document
Any additional information	<a href="#">View Document</a>
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	<a href="#">View Document</a>

**7.1.13 Display of core values in the institution and on its website****Response: Yes**

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide URL of website that displays core values	<a href="#">View Document</a>

**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**

<b>File Description</b>	<b>Document</b>
Details of activities organized to increase consciousness about national identities and symbols	<a href="#">View Document</a>

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

**Response:** Yes

<b>File Description</b>	<b>Document</b>
Provide link to Courses on Human Values and professional ethics on Institutional website	<a href="#">View Document</a>

#### 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:** 83

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
42	23	6	8	4

<b>File Description</b>	<b>Document</b>
List of activities conducted for promotion of universal values	<a href="#">View Document</a>

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

**Response:**

Various National festivals and birth/death anniversary of great Indian personalities celebrated in all the campuses of the University:

University celebrates important days such as Independence Day, Republic Day with patriotic fervor to make the dream of a new tomorrow come true. Birth Anniversaries of distinguished Indian personalities like Mahatma Gandhi, Pt. Jawaharlal Nehru, Sardar Patel, Dr. Rajendra Prasad, Dr. B. R. Ambedkar, Babu Jagjivan Ram, Maulana Abdul Kalam Azad, Jai Prakash Narayan are also celebrated in the University. Theme based activities and events are organized to celebrate World Tourism Day, International Youth Day, Hindi Diwas, International Yoga Day etc.

International Women's Day is celebrated to highlight the achievements of women. The day also marks a call to action for accelerating gender parity.

Teachers Day is celebrated to mark birth anniversary of Dr Sarvepalli Radhakrishnan and to honour the teachers.

The waves of industrialization and urbanization have visibly proven injurious to the ecological balance in terms of the mounting scarcity of water and oxygen. To apprise students, faculty and staff to ways and means of sustaining ecological balance, Environment Day, Earth Day, World Water Day, National Science Day, International Tiger day, Ozone day, World Wetland day are celebrated every year

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

#### **Response:**

To ensure good governance, transparency and accountability, the vision, mission and goals are clearly defined at all levels. The functioning of the university involves stakeholders and beneficiaries.

#### **Transparency in evaluation process**

1.Familiarization of various stakeholders about the examination regulations through faculty development programs (FDP), induction and orientation programs for students and their parents and availability of regulations on website.

2. Defined assessment/examination scheme based on L/T/P structure, weightage of Continuous Internal Assessment (CIA) and End Semester Examination (ESE) of the respective course available and explained in 1st semester during induction meet programme.

3.The evaluated class tests, answer sheets, assignments and projects are shared with the students and feedback is given by the faculty for further improvement of student's performance.

#### **Transparency in Admission process is ensured through:**

1.Applications are invited online.

- 2.Results published on website
- 3.Online admission process
- 4.Admissions are purely on merit based
- 5.State Government reservation policy strictly maintained
- 6.Transparency maintained with respect to the fee structure.
- 7.Withdrawal and refund policies are strictly followed as per UGC norms.

## 7.2 Best Practices

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

**Response:**

#### **Best Practice 1**

##### **1. Title of the Practice:***Green Practices and Sustainable Development*

*'Creating and Sustaining an Eco-Friendly Campus with clear cut goals and priorities in the management of water resources, energy sources and consumption, preservation of flora, management of solid waste, conservation of National aquatic animal Gangetic Dolphin'.*

*&*

*Involvement and Recognition in the Field of Environmental Research and Activities*

#### **2. Objectives of the Practice**

The objectives of this initiative are:

- Creating for the university community an ambience and learning environment that advances a sustainable society.
- Ensuring the conservation of biological diversity (Plant and National Aquatic animal Gangetic Dolphin).
- Plantation of more trees in entire campus of Patna University; tie up with NTPC to plant 2000 trees.

- Encouraging the University community to pilot and promote sustainable solutions through teaching, research and extension activities that tackle live issues of the campus and its adjacent communities.
- Harnessing the traditional knowledge and practices of local communities and involving them in the conservation and sustainable use of these resources.
- University offers a specialized programme M.Sc. (Environmental Science and Management) to produce human resources having skill in these areas.

### 3. The Context

- **Accessibility:** A campus covering 100 acres with a lot of open spaces. The campus is located in the heart of the city and is easily accessible from other localities.
- **Conservation of National Aquatic animal “Gangetic Dolphin”:** Gangetic Dolphin is a critically endangered species. To conserve Gangetic Dolphin, Patna University has been conducting continuous survey of rivers of Ganga Basin in India and Nepal to know the distribution range, status and threats the Ganges Dolphin was facing with the support of Ministry of Environment, Government of India.
- **Rain Water Management:** The University has many large buildings which are utilized for rain water harvesting.
- **Roof top solar photo voltaic power projects:** Most of the buildings are in the process of installation of solar photo voltaic system. Patna University has signed an MOU with “Beltron Telecom Green Energy System Limited” for 1000kW of solar energy installation.,
- **Plastic free and tobacco free:** The entire campus has been declared as plastic, drug and tobacco free.

### 4. The Practice

The uniqueness of Patna University Campus is that it demonstrates respect for environment and stewardship of natural resources while ensuring the quality of life on the campus.

The University has undertaken various initiatives to set up an Eco-Friendly campus:

- **Conservation of National Aquatic animal “Gangetic Dolphin:** The researchers of Patna University have created awareness through education and interaction among fishermen, school students, college students, policy makers and administrators besides general public through different modules. Biology, population dynamics, behavior and ecological needs of gangetic Dolphin were also documented. Micropollutants including organochlorine insecticides, heavy metals, Organophosphorus, polychlorinated biphenyls, perfluorinated chemicals etc. were analyzed from Dolphin tissues. Due to significant work in this area one of our faculty member Prof. R.K.Sinha got following honours:
  - Awarded Padma Shri by the President of India in 2016.
  - Awarded Golden Jubilee award of the National Academy of Sciences, India in 2000.
  - Awarded the country’s most excellent order”The Order of Golden Ark” of the Netherland by His Royal Highness Prince Bernhard of Netherlands.
  - Offered membership of Species Survival Commission on Cetacean Specialist Group of IUCN.



- Elected as Chairman of the Asian River Dolphin Committee under the aegis of Cetacean Specialist Group of IUCN.
- Elected as Fellow of Linnean Society of London in 1996.
- **Green Campus and conservation of biodiversity:** In its endeavour for conservation of healthy ecosystems, the University has embarked on a plantation drive spread over 100 acres of its campus including its second campus the Saidpur Campus. The campus has green landscaping of plants which covers around 25% of the area, having varieties of plants which includes Ashok, Gulmohar, Kadam, Ritha, Neem, Cassia, Ritha etc. The variegated cropping of more than 2000 plants has also been established as eco-friendly campus. In Department of Geography and Botany small herbal gardens are also present. Students also participate in campaigns like "*Plantation Drive*", "*Conserve native species of plants*".

The manuscript of a book on the "Plants Diversity of Patna University Campus" has been prepared by faculty members of Department of Botany covering all tree and shrubs of campus. In second phase it is likely to publish the detailed study of herbs of the entire campus.

- **Roof top solar photo voltaic power projects:** The University has embarked upon roof-top solar installations at different buildings with an installed capacity of 1000 Kilowatts. An MOU has also been signed with Beltron Telecom Green Energy System Limited to set up a solar farm in the campus to generate 1000 kW of electricity for domestic consumption and to feed the surplus to the national grid.
- **Rain Water Management:** The University has invested resources to ensure rain water management.
- **Solid Waste management:** Waste disposal has emerged into an industry and is more than just removing waste. With this in view the University initially established four solid waste disposal facilities (Composting) in different parts of the campus for disposal of organic wastes including plant debris. These facilities are located at VC lodge, GDS Girls Hostel campus, Botany Department and Hathwa Hostel Campus. The organic waste is segregated from non-recyclable and inorganic waste. This has allowed University to make use of organic waste to create compost. The composts are being utilized for our plantations, and in future the University will package and sell the surplus compost to generate revenue.
- **Compulsory courses on Environment sustainability and Swacch Bharat Abhiyan:** The University has introduced a compulsory course of 5 credits on **Environment sustainability and Swacch Bharat Abhiyan** in semester I all Post Graduate programmes.
- **Specialized programme:** University offers a Master degree programme (M.Sc.) in Environmental Science & Management.

## 5. Evidence of Success

Success in the creation of an Eco-Friendly University Campus can be seen through the following activities:

- **The plantations and their maintenance:**
  - Hundred - year old plants exist in the campus and every year hundreds of plants have been added with the support of State Forest Department. Recently about 2000 plants of more than

60 species have been planted and maintained by courtesy of National Thermal Power Corporation (NTPC), Govt. of India in different areas of campus.

- Research is being done by several students in the areas of tissue culture and medicinal property of plants.

- **Roof top solar photo voltaic power:**

- **Waste management:**

- The four solid waste management units each consisting of two compost pits to transform solid waste into harmless compost is operational for last one month, and will be scaled up shortly.
- A Workshop on Waste Management has also been organized in the University to create awareness among students about judicious utilization of solid wastes.

- **Rain water harvesting:**

Roof water facilities are operational in some buildings.

- **Dolphin conservation:**

On the basis of achievement of Gangetic Dolphin conservation, Govt. of India and Bihar State have earmarked money to establish a “Dolphin Research Centre:” at Patna University campus. University with support of state government is working towards establishing a National Dolphin Research Centre.

**Tobacco free campus:** Campus strictly follows “No Smoking Zone” principle. Use of tobacco is also prohibited.

- A research project has been granted by Bhabha Atomic Research Centre on “Bio-ethanol production from agro-wastes”. One Ph.D. has also been awarded on “Bioconversion of agricultural wastes: Process development for the production of Bio-ethanol.
- Environmental Science & Management Department carries out Water Quality Assessment for potable water of different departments and hostels.
- Faculty members of several departments including Zoology, Botany, Geology, Chemistry, Geography, and Law are consistently involved in environment specific researches and activities including assessment, monitoring and conservation.
- The University earned good recognition for Ganges water quality monitoring, risk assessment of arsenic and fluoride exposure and conservation strategies for Gangetic Dolphin. The Faculty members are engaged in high level research on various areas of environment studies such as ecotoxicology, genetic toxicology, fresh water ecology, biodiversity and biological conservation. The specific areas of interests are identification of factors causing climate change, environmental degradation and loss of biodiversity as well as risk assessment of contaminants as

their environmental relevant levels for hazard identification. In 2006, the University was selected for financial support under FIST (Fund for Improvement of Science & Technology infrastructure) programme. In 2012, it was selected for Inter-disciplinary Programme in Life-Sciences (IPLS) sponsored by Department of Biotechnology, Government of India. In 2007, it started MSc (Environmental Science and Management) as a Self –financing programme. In 2018, Planning Commission of India and the State Government have sanctioned the establishment of a National Dolphin Research Centre in Patna University campus. The research findings of the Department are published in Journals indexed in web of Science/Scopus having good impact factor with high citation indices. The Department also has collaborating research projects with institutions of repute at national and international levels. The faculty members have brought several laurels to the University, State of Bihar and India. Conservation strategies for Gangetic River Dolphin in the Department have led to its declaration as National Aquatic Animal in 2009. One of the faculty members, Prof. R. K. Sinha of Zoology Department was conferred with “Padmashri” in 2016 by the President of India for his research on environment and conservation.

## 6. Problems Encountered and Resources Required

While the opportunities to explore eco-friendly possibilities are evident, actions devoted to conservation for a green campus are expensive.

### Best Practice 2

#### *Title of the Practice: Population Research*

Population Studies is about our lives, and about how we make sense of our lives. The life course approach is central to the research of the any Population Research Centre. At the Department of Statistics, Patna University, Government of India had established a Population Research Centre (formerly known as Demographic Research Centre) in 1966 to carry out population research in India.

#### 2. Objectives of the Practice

The objectives of this initiative are:

- To carry out research on demography, social and economic aspects of population and health status of Bihar and Jharkhand.
- To carry specific studies on population research
- To contribute to the understanding of No Poverty, Zero Hunger, Good Health and Well-being, Gender equality and Reduced Inequality.

### 3. The Context

- Making scientific progress in the disciplines of demography and population studies
- Answering socially relevant questions
- Population Studies is about our lives in all its phases and places, contributing to a

sustainable future for all people.

### 4. The Practice

- Patna University is conducting studies in the area of population research particularly in Bihar and Jharkhand since the inception of this centre way back in 1966.
- The centre is also working with other National and International Organizations.
- The centre also share their findings with stakeholders, research participants and society at large.
- The centre invites persons doing research in this area and interacts with them.

### 5. Evidence of Success

Success of this centre evidence in following:

- Apart from the works sponsored by the Ministry of Health and Family Welfare, Government of India, the centre has completed many studies sponsored by USAID, UNFPA, UNICEF, Population Council (New York), Care-India etc.
- The centre has produced more than 400 research papers/reports/articles on different aspects of population.
- Organized World Population Day (WPD) in collaboration with Indian Association for study of Population (IASP).
- In the Centenary year of Patna University, the Population Research Centre of Patna University organized an extramural lecture on the theme “Population and Development in Bihar on August 22nd, 2017. Two well known demographers Prof. Balram Paswan and Prof. R.B. Bhagat of International Institute of Population Sciences (IIPS), Mumbai, delivered lecture on “Population, Health and Development in Bihar: Issues and Challenges in achieving sustainable development goals” and Urbanization and Public Policy in India with reference to Bihar”, respectively.

### 6. Problems Encountered and Resources Required

- Scarcity of human resource
- Insufficient funding

### 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:

**Integrated structure:** Patna University is a Teaching University. It is not an affiliating university. It has integrated structure in undergraduate and post-graduate teaching. College teachers may be promoted as Professors and become even Dean of Faculty. They can supervise Ph. D. scholars. Intra movement of faculty members among various colleges and Post Graduate Departments is in practice at Patna University. Even the students of colleges get the benefit of being taught by a wide range of teachers. We work as cohesive unit in areas of sports, cultural and other social activities.

**Free Education to women:** Our **thrust** is on free women's education to enhance the participation of women in higher education.

**Enhancement in employment generation:** Our **priority** is to run employment generating self-financing Programmes like Master of Business Administration, Master of Computer Application, MA(Personnel Management and Industrial Relations), MSc(Biotechnology), MSc (Environmental Science), Master of Journalism and Mass Communication, MA (Rural Studies, Rural Management and Development), MA(Women's Studies), Post Graduate Diploma in Clinical Psychology, Master of Library & Information Science, Post Graduate Diploma in Industrial Safety Management etc. are producing employable human resource in specific fields. They not only provide knowledge and skill for employment in relevant areas but also create capacity for self employment.

## 5. CONCLUSION

---

### Additional Information :

The pursuit of interdisciplinary high end research is emphasized and the training of the students and faculty to maximize use of ICT, and structured modules for teaching learning with a feedback mechanism is emphasized. Aesthetics of departmental spacescape in greening, cleaning, and providing air conditioned well lit space for reading and discussions are prioritized. Departments need to be spatially enlarged to build reading rooms, research scholar rooms and seminar rooms with a capacity of at least 150 students for in-house and external academic and research programmes. We plan to build a multi-purpose auditorium for indoor sports and performing arts. Renovation of heritage buildings such as the Darbhanga House is underway and necessities for students such as the availability of dispensers for clean drinking water, modern public convenience, and cafeteria facilities will soon be made available. Modernization of departmental offices, reduction of carbon footprints, training of office staff for meticulous documentation, and maintenance of records is underway although this may be time-taking. Holistic student-centric activities with emphasis on employability that includes development of communication and essential skills, independent initiatives, wider use of library resources, participation in co-curricular and socially productive programmes are encouraged to make education socially relevant is being assiduously pursued. There is emphasis on internships and placements to reduce the disconnect between degree and employment. The initiative to start a number of self-financing courses across faculties creates wider possibilities of the absorption of students in governmental, non-governmental, and corporate sectors, and in areas of social responsibilities. Sensitization toward gender, caste, class, ethnicity, minorities, economically under-privileged sections, the differently-abled, and agism that is underway is likely to build a society that is responsible and conscientious endorsing the very purpose of education in Patna University.

The University has submitted the proposal for the creation of 12 new departments with a number of teaching and non-teaching staff.

### Concluding Remarks :

All curricular developments are introduced following the regulatory protocol of approval through the Departmental Council, the Academic Council, the Syndicate, the Senate, and the Chancellor's Secretariat. Any new curriculum is reviewed and modified on the basis of feedbacks from the stakeholders and revised every two to three years. Importance is given to improve the intellectual quotient of the students increasing employability and making them responsible citizens contributing to the nation building. In 2017-18, the CBCS was introduced in all PG programmes to encourage interdisciplinary learning and enhancing essential skills. Online admissions to various courses are entirely transparent and merit based, and carried through a process of press advertisements and itemized on the university website. Aside of regular interactive classroom teaching, the use of ICT, assignments, project works, field works, industrial visits are encouraged and evaluated. Departments organize regular extra-mural lectures, seminars, workshops and conferences to upgrade academic abilities of the faculty members and the students. The mechanism of internal assessment is transparent with opportunities for grievance redress provided to each student. Quality research is regulated by the postgraduate research committee and the research advisory committee that suggest measures for improving research, encouraging faculty toward research projects and collaborations. The University publishes an annual research journal, faculty research journals, and student research journals. Adequate space is designated to provide conducive environment that supports its academic and research programmes. Students benefit greatly from the

government and institutional scholarships, capability enhancement schemes, and opportunities for career and skill developments that are pursued through placement to governmental and non-governmental organizations. Being a contained university, students benefit from personalized academic attention, care and dedicated mentoring. Democratic participation and representation of students in academic and administrative bodies, high percentage of success in competitive examinations and job placements coupled with alumni support builds a close knit academic community. Benefits accrue from participatory management, and encouragement to faculty growth for the larger improvement of the university system. Green initiatives through environmental interventions, gender justice and immediate redress of grievances enable a commitment and responsibility of an academic community that produces future citizens.

NAAC

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Average percentage of courses having focus on Employability/ Entrepreneurship/ Skill development during the last five years</p> <p>1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development 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>278</td> <td>278</td> <td>278</td> <td>118</td> <td>118</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>278</td> <td>278</td> <td>278</td> <td>118</td> <td>118</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	278	278	278	118	118	2017-18	2016-17	2015-16	2014-15	2013-14	278	278	278	118	118
2017-18	2016-17	2015-16	2014-15	2013-14																	
278	278	278	118	118																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
278	278	278	118	118																	
1.3.2	<p>Number of value-added courses imparting transferable and life skills offered during the last five years</p> <p>1.3.2.1. How many new value-added courses are added within the last 5 years</p> <p>Answer before DVV Verification : 278</p> <p>Answer after DVV Verification: 277</p> <p>Remark : No Brochure, course content or syllabus relating to Value added courses provided.</p>																				
1.3.3	<p>Average percentage of students enrolled in the courses under 1.3.2 above</p> <p>1.3.3.1. Number of students enrolled in value-added courses imparting transferable and life skills offered 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>767</td> <td>836</td> <td>759</td> <td>181</td> <td>316</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>766</td> <td>835</td> <td>759</td> <td>181</td> <td>316</td> </tr> </tbody> </table> <p>Remark : List of students in the required format not provided. No specific Brochure of circulars of Specific Value add courses provided. the supporting documents seems to be marks obtained from the regular professional course offered</p>	2017-18	2016-17	2015-16	2014-15	2013-14	767	836	759	181	316	2017-18	2016-17	2015-16	2014-15	2013-14	766	835	759	181	316
2017-18	2016-17	2015-16	2014-15	2013-14																	
767	836	759	181	316																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
766	835	759	181	316																	
1.3.4	<p>Percentage of students undertaking field projects / internships</p> <p>1.3.4.1. Number of students undertaking field projects or internships</p>																				



Answer before DVV Verification : 106

Answer after DVV Verification: 96

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" data-bbox="306 430 1046 562"> <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>30</td> <td>40</td> <td>49</td> <td>40</td> <td>58</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 640 1046 772"> <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>25</td> <td>41</td> <td>48</td> <td>37</td> <td>58</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	30	40	49	40	58	2017-18	2016-17	2015-16	2014-15	2013-14	25	41	48	37	58
2017-18	2016-17	2015-16	2014-15	2013-14																	
30	40	49	40	58																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
25	41	48	37	58																	
2.1.2	<p>Demand Ratio(Average of last five years)</p> <p>2.1.2.1. Number of seats available year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 974 1046 1106"> <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>2184</td> <td>2184</td> <td>2184</td> <td>2169</td> <td>2169</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1184 1046 1317"> <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>2197</td> <td>2309</td> <td>2309</td> <td>2234</td> <td>2054</td> </tr> </tbody> </table> <p>Remark : Revised as per HEI's clarification and supporting document</p>	2017-18	2016-17	2015-16	2014-15	2013-14	2184	2184	2184	2169	2169	2017-18	2016-17	2015-16	2014-15	2013-14	2197	2309	2309	2234	2054
2017-18	2016-17	2015-16	2014-15	2013-14																	
2184	2184	2184	2169	2169																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
2197	2309	2309	2234	2054																	
2.1.3	<p>Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years</p> <p>2.1.3.1. Number of actual students admitted from the reserved categories year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1677 1046 1809"> <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>581</td> <td>737</td> <td>896</td> <td>769</td> <td>754</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1888 1046 2020"> <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>580</td> <td>737</td> <td>896</td> <td>769</td> <td>754</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	581	737	896	769	754	2017-18	2016-17	2015-16	2014-15	2013-14	580	737	896	769	754
2017-18	2016-17	2015-16	2014-15	2013-14																	
581	737	896	769	754																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
580	737	896	769	754																	

	Remark : None of the document requested provided																				
2.3.2	<p>Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.</p> <p>2.3.2.1. Number of teachers using ICT Answer before DVV Verification : 53 Answer after DVV Verification: 67</p> <p>Remark : Revised number of teachers as per supporting list. However, the link provided in support of usage has error</p>																				
3.1.6	<p>Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognition by government agency</p> <p>3.1.6.1. The Number of departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognition by government agency Answer before DVV Verification : 4 Answer after DVV Verification: 1</p> <p>Remark : Only one department for the implementation of the project, DBT-Patna University is provided for a period of 5 years from 2012 onwards</p>																				
3.5.2	<p>Revenue generated from consultancy during the last five years</p> <p>3.5.2.1. Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)</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>0.092</td> <td>0.069</td> <td>0.082</td> <td>0.07</td> <td>0.044</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>0.072</td> <td>0.054</td> <td>0.064</td> <td>0.48</td> <td>0.030</td> </tr> </tbody> </table> <p>Remark : Revised as per supporting values</p>	2017-18	2016-17	2015-16	2014-15	2013-14	0.092	0.069	0.082	0.07	0.044	2017-18	2016-17	2015-16	2014-15	2013-14	0.072	0.054	0.064	0.48	0.030
2017-18	2016-17	2015-16	2014-15	2013-14																	
0.092	0.069	0.082	0.07	0.044																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
0.072	0.054	0.064	0.48	0.030																	
3.6.3	<p>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</p> <p>3.6.3.1. 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:</p>																				

2017-18	2016-17	2015-16	2014-15	2013-14
7	7	4	2	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
7	7	4	2	1

3.6.4 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

3.6.4.1. 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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	0	2	4	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
479	0	100	602	465

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

3.7.1.1. Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

Answer before DVV Verification:

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

Answer After DVV Verification :

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

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

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:

2017-18	2016-17	2015-16	2014-15	2013-14
6.99	4.57	6.94	16.61	6.37

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0.07	5.18	5.82	8.25	7.81

Remark : Revised as per supporting statement of accounts from the page 13 and 14

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

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:

2017-18	2016-17	2015-16	2014-15	2013-14
505.74	244.64	289.4	348.57	393.91

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
187.20	131.33	166.97	197.12	174.12

Remark : Revised as per the abstract statement attached

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

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:

2017-18	2016-17	2015-16	2014-15	2013-14
1160	1262	147	106	114

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1160	1262	147	106	114

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

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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
7	5	2	15	8

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
7	5	2	15	8

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

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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
110	85	61	70	102

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
110	85	61	70	104

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
01	01	01	01	01

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	0	01	0	01

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
20.81	3.00	2.50	5.09	0.72

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
20.81	4.22	2.53	5.09	0.93

Remark : Revised as per supporting statement attached

7.1.9	<p>Differently abled (Divyangjan) Friendliness Resources available in the institution:</p> <ol style="list-style-type: none"> <li>1. Physical facilities</li> <li>2. Provision for lift</li> <li>3. Ramp / Rails</li> <li>4. Braille Software/facilities</li> <li>5. Rest Rooms</li> <li>6. Scribes for examination</li> <li>7. Special skill development for differently abled students</li> <li>8. Any other similar facility (Specify)</li> </ol> <p>Answer before DVV Verification : A. 7 and more of the above            Answer After DVV Verification: D. At least 2 of the above            Remark : Revised as per supporting link</p>																				
7.1.10	<p>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</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>5</td> <td>4</td> <td>3</td> <td>4</td> <td>1</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>2</td> <td>3</td> <td>4</td> <td>2</td> <td>3</td> </tr> </tbody> </table> <p>Remark : Revised as per clarification given by HEI</p>	2017-18	2016-17	2015-16	2014-15	2013-14	5	4	3	4	1	2017-18	2016-17	2015-16	2014-15	2013-14	2	3	4	2	3
2017-18	2016-17	2015-16	2014-15	2013-14																	
5	4	3	4	1																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	3	4	2	3																	
7.1.11	<p>Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)</p> <p>7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise</p>																				

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
11	00	00	00	01

Remark : Revised as per supporting clarification and document

## 2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of eligible applications received for admissions to all the programs 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>4440</td> <td>4418</td> <td>4777</td> <td>4418</td> <td>4704</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>4462</td> <td>4701</td> <td>5023</td> <td>4597</td> <td>4961</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	4440	4418	4777	4418	4704	2017-18	2016-17	2015-16	2014-15	2013-14	4462	4701	5023	4597	4961
2017-18	2016-17	2015-16	2014-15	2013-14																	
4440	4418	4777	4418	4704																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
4462	4701	5023	4597	4961																	
1.2	<p>Number of seats earmarked for reserved category as per GOI/State Govt rule 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>911</td> <td>911</td> <td>911</td> <td>911</td> <td>911</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>1099</td> <td>1154</td> <td>1154</td> <td>1117</td> <td>1027</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	911	911	911	911	911	2017-18	2016-17	2015-16	2014-15	2013-14	1099	1154	1154	1117	1027
2017-18	2016-17	2015-16	2014-15	2013-14																	
911	911	911	911	911																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
1099	1154	1154	1117	1027																	
1.4	<p>Total number of computers in the campus for academic purpose</p> <p>Answer before DVV Verification : 203</p> <p>Answer after DVV Verification : 187</p>																				