

PATNA SCIENCE COLLEGE, PATNA



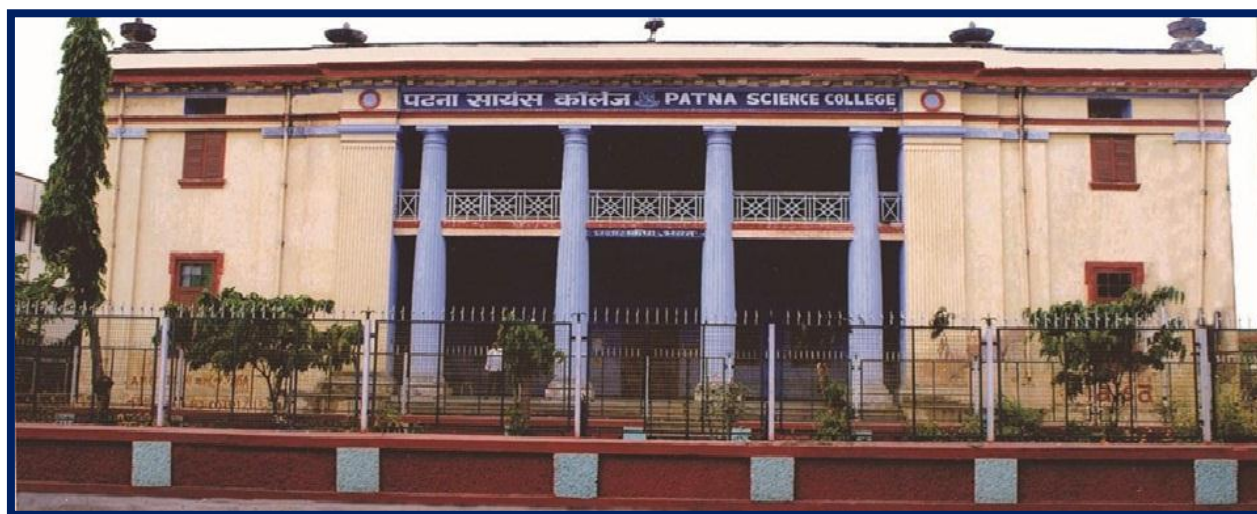
Estd.: 1927

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

For the Academic Year (July 2014 – June 2015)

Prepared by

Institutional Quality Assurance Cell



**1st Cycle NAAC Accredited Institution with Grade 'B++'
(Score 81.35) Feb. 2007**

Submitted
to

NAAC

**National Assessment and Accreditation Council
Bangalore**

Brief Profile of the College :

Patna Science College, a constituent unit of Patna University, was established in 1927, Initially it was opened as the Science Department of Patna University. It began functioning independently from 1928 when its foundation stone was laid by Lord Irwin on 15 November 1928. Since then Patna Science College has been recognized as a Premier Institution of higher learning in science stream in India. The College is centrally located in Patna, the capital of Bihar, occupying an area of approximately 28.32 acres of land containing separate blocks for different science departments. The College offers B.Sc. Honours in Botany, Chemistry, Geology, Mathematics, Physics, Statistics and Zoology. Apart from the usual Professional course under self-financing scheme that include B.Sc. Honours in Biotechnology, B.Sc. Honours in Computer Applications – popularly known as BCA course, B.Sc. Honours in Environmental Science. Though primarily a science teaching institute, Patna Science College has always had a full-fledged language teaching unit comprising Hindi and English Department right since its inception. Each department also has facilities for conducting research in respective subjects. The College has great legacy and has been striving continuously to maintain and improve it. It has been the breeding ground for the future scientists, researchers and administrators. It can boast of distinguished alumni holding very high positions in diverse field of Science, Medicine, Engineering, Banking, Administration, etc. in India and abroad.

The College is highly reputed for teaching and research. Our college believes in striving for newer goals, maintaining high standards and establishing Patna Science College as a 'Knowledge Centre', nationally and internationally. The strength of our college lies in its ability to adapt to the changing needs of the time. To realize this vision, we inculcate the importance of learning in our students thus ensuring their intellectual and emotional development. The college encourages innovative, rigorous and professional pattern of teaching and learning, enabling the students and teachers to become outstanding scholars, educators and professionals by preparing action plans within the framework outlined by the Patna University. The teachers are encouraged to attend refresher and orientation course and workshops conducted by Patna University to enhance their knowledge and skills. Seminars, Workshops and lectures by eminent experts are regularly conducted by the college. Besides other supportive measures like provision of journals, Books, magazines and teaching-learning tools are extended to the teachers for effective implementation of the curriculum. The teachers are encouraged to adopt innovative methods such as the use of power point presentations, role play, quizzes, worksheets, student presentations etc. They are also encouraged to use audio-visual aids to enhance teaching-learning process. Curricular and co-curricular events are organised on essay writing competitions, poster making competitions and film screenings are some examples of such events. Besides regular classroom teaching, tutorials, practicals, class tests, projects, assignments, workshops and seminars are designed and conducted. It arranges industrial and institutional visits, interactive sessions with professionals, experts and scholars. The college follows a system of informal feedback from the students and implements corrective measures, wherever required. Feedback from students helps to improvise teaching methods.

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year (for example 2010-11)

July 2014 – June 2015

I. Details of the Institution

1.1 Name of the Institution

PATNA SCIENCE COLLEGE

1.2 Address Line 1

ASHOK RAJPATH

Address Line 2

PATNA

City/Town

PATNA

State

BIHAR

Pin Code

800005

Institution e-mail address

Principal.sciencecollegepatna@gmail.com,
pscpatna@gmail.com

Contact Nos.

9430032893

Name of the Head of the Institution:

Dr. Upendra Kishore Sinha

Tel. No. with STD Code:

0612-2678010

Mobile:

9431049802

Name of the IQAC Co-ordinator:

Prof. M N Sinha

Mobile:

9431034341

IQAC e-mail address:

iqac.pscp@gmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

BRC0GN12915

1.4 NAAC Executive Committee No. & Date:

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

EC/41/01

Dated : 10th Feb. 2007

1.5 Website address:

<http://www.patnasciencecollege.org/>

Web-link of the AQAR:

www.patnasciencecollege.org /IQAC/aqar_2015.pdf

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++	Institution Score-81.35	2007	Jan. 2012
2	2 nd Cycle	--	--	--	--
3	3 rd Cycle	--	--	--	--
4	4 th Cycle	--	--	--	--

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

08 Sept. 2012

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

- i. AQAR _____ **15/05/2015** _____ (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

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

Type of Institution Co-education Men Women

Urban Rural Tribal

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

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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

NO

1.11 Name of the Affiliating University (for the Colleges)

Patna University, Patna

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

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

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="09"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="--"/>
2.3 No. of students	<input type="text" value="-----"/>
2.4 No. of Management representatives	<input type="text" value="--"/>
2.5 No. of Alumni	<input type="text" value="04"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="--"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="-----"/>
2.8 No. of other External Experts	<input type="text" value="--"/>
2.9 Total No. of members	<input type="text" value="13"/>
2.10 No. of IQAC meetings held	<input type="text" value="03"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="03"/> Faculty <input type="text" value="02"/>
Non-Teaching Staff	<input type="text" value="01"/>
Students	<input type="text" value="01"/>
Alumni	<input type="text" value="01"/>
Others	<input type="text" value="--"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If yes, mention the amount	<input type="text" value="-----"/>

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level **3**

(ii) Themes

- 1) Symposium on Quality in Work and Service Delivery**
- 2) Workshop on Enhancement on Quality in Teaching and Research**
- 3) Workshop on Qualitative Research**

2.14 Significant Activities and contributions made by IQAC

The IQAC plays an active role in internalising a culture of quality within the College. This culture is maintained and sustained by several initiatives taken by the Cell through the year:

- **Periodical Meetings with stakeholders:** To smoothen the coordination process in the College, the IQAC held periodical meetings/discussions with faculty, non-teaching staff, students and student societies. The objective of such meetings was to apprise the constituent units of the college of the functioning of the IQAC and to enhance the feedback and coordination process. This also facilitated the timely collection of data pertaining to various activities of the departments and enabled IQAC to execute its function of centralising key information of the Institution and ensuring proper documentation of activities/programmes in the College.
- **Creation of Academic Calendar:** The creation of an Academic Calendar has been facilitated to provide proportionate emphasis to the personality and knowledge development of the student by maintaining equilibrium between curricular and extracurricular activities.
- **Development of Teaching-Learning and Administrative wings:** Capacity-building programmes are regularly organised for both teaching and non-teaching staff. The IQAC, through its activities, has been an agent of change in the institution ensuring efficient performance of academic and administrative tasks. Further, from time to time, the IQAC has facilitated change in the Institution in matters of academics and administration through proposals and decisions.

- **Formation of Area specific Committees:** To ensure greater participation and involvement of the constituent units of the College, the IQAC has formed several committees pertaining to various areas of the College. These dynamic committees are formed with specific objectives to execute the functions of the IQAC. These committees include Eco-club, Career Counselling and Placement Cell, Grievance Redressal Cell , Natya Kala Parishad, Atheletic Club, Library Advisory Committee etc.
- **Steps towards greater Information dissemination:** The IQAC has facilitated greater spread of information and transparency by ensuring constant updation of the

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
<p>Facilitate the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process</p>	<p>For this, a systematic academic mechanism has been adopted. Every academic year, for each individual subject, meetings are convened under the guidance of the senior faculty members and the minutes are maintained by IQAC for review. Student feedback in improving the teaching-learning process is encouraged.</p>
<p>Review all courses and programs to ensure quality in terms of students' success rate including pass, progression, completion and destination to employment and for further studies.</p>	<p>The IQAC has been assigned the task of periodic review. While remedial classes are organised for Personal Growth, are regularly conducted for solving the problems of students in difficult areas, IQAC took additional steps to strategise and improve the efficacy of such classes. A review of the analysis of the results to find the areas of divergences from expected results was conducted. For improving the employability of the courses, feedback from employers were taken to find strengths and weakness. Further, a systematic progression tracking mechanism has been set up in the College.</p>

<p>To coordinate and improve internal communication to facilitate greater policy implementation and quality assurance towards its stakeholders</p>	<p>The IQAC held periodical meetings with the stakeholders of the college i.e. teaching and non-teaching staff and students.</p>
<p>Documentation of the various programmes/activities of the College, leading to quality improvement</p>	<p>The IQAC has formally developed dynamic systems for collection and documentation of data such as faculty achievements, programmes and activities of the College as well as the various initiatives and programmes undertaken by student bodies. Further, the information process with respect to student society information collected for the purpose of Annual Report has been institutionalised in the IQAC data systems.</p>
<p>Institutionalise the feedback mechanism to enhance its inclusiveness</p>	<p>A formal feedback mechanism has been institutionalised which engages students, teaching and non-teaching staff, alumni, parents and employers for the efficient functioning of the organisation.</p>
<p>Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles</p>	<p>The College and the IQAC have organised multiple workshops on various aspects at regular frequency on themes of development and enhancement of quality in teaching, research and student support services.</p>
<p>Promote community engagement and extension activities</p>	<p>The College has started various projects and community engagement activities which focus on environmental care and concern, financial literacy and making differently-abled members of the society empowered. The College has started various initiatives to diversify its community engagement under NSS.</p>

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	--	--	--	--
PG	--	--	--	--
UG	10	--	--	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	10	--	--	--
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	--
Trimester	---
Annual	10 UG Courses

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

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

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

N/A

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

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
29	09	15	05	

2.2 No. of permanent faculty with Ph.D.

03

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
09	61	15		05				29	61

2.4 No. of Guest and Visiting faculty and Temporary faculty

34

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended		02	03
Presented papers		02	02
Resource Persons			

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

□ Digital Classroom is used by the teachers for making classroom teaching more interesting and interactive.

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

190

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

Internal assessment & Evaluation of Students are done by the department informally.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

00

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise

distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc. (Sc.) (H)	375	07	60	25		87

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

IQAC monitors the Teaching Learning process by adopting certain strategies:

- **There is an Academic Council which comprises of all the HODs of the Departments.**
- **Principal monitors the Teaching-Learning process and places the same in Academic Council.**
- **HODs convene the Departmental Sitzings to develop specific strategies in consultation with the faculty members.**

Meetings of Academic Council held at beginning, middle and end of the session respectively, under the Chairmanship of Principal to discuss the progress of syllabus, attendance, examination of the students and other academic matters.

2.13 Initiatives undertaken towards faculty development

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

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14	12	--	03
Technical Staff	32	10	--	--

Criterion – III

3. Research, Consultancy and Extension

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

The IQAC has taken the following steps for the promotion of research in the Institution:

- 1. Constitution of Seminar Committee:** The IQAC has constituted a dedicated Seminar Committee with the objective of organising workshops, symposia, seminars, conferences and conventions on various aspects of quality in education. In pursuit of its objective, workshops and other programmes for development and enhancement of research were organised. Further, eminent personalities are invited for speaker sessions and guest lectures on the qualitative aspects of research.
- 2. Recommendation of Research Council:** Under the aegis of IQAC, a separate Research Council has been recommended. The Council will explore into the creation of multidisciplinary journals as well as work on enhancing the existing publications of the College.

3.2 Details regarding major projects

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

3.3 Details regarding minor projects

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

3.4 Details on research publications

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

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	--	--	--	--	02
Sponsoring agencies	--	--	--	--	Self funding College

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events: University level State level
 National level International level

3.22 No. of students participated in NCC events:
 University level State level
 National level International level

3.23 No. of Awards won in NSS:
 University level State level
 National level International level

3.24 No. of Awards won in NCC: The students participate in NCC camps.

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input checked="" type="checkbox"/>
NCC	<input type="text"/>	NSS	<input checked="" type="checkbox"/>
		Any other	<input type="text"/>

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

The following activities under Extension and Institutional Social Responsibility have been organised:

- **Extension activities for environmental conservation:** Taking into cognizance the importance of environmental care and awareness, the College has proactively taken initiatives such as plantation drives, energy conservation and water management as well as drives for various social media campaigns for environmental awareness.
- **Extension activities under National Service Scheme,:** Volunteers of NSS, teach children upto class V from nearby villages.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	28.32 Acres	--	--	--
Class rooms	15	--	--	15
Laboratories	15	--	--	15
Seminar Halls	01	--	--	01
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	--	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	--	--	--
Others	--	--	--	--

4.2 Computerization of administration and library

Computerization of Cash section of the has been taken up

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	57098					
Reference Books	12902					
e-Books						
Journals						
e-Journals						
Digital Database						
CD & Video						
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	100	03	Campus Wi-Fi enable	--	01	--	--	--
Added	--	--	--	--	--	--	--	--
Total	100	03	--	--	01	--	--	--

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

The college provides computer usage in the library, office & computer lab for downloading, printing and internet access. The Science stream has been allotted one computer per department for academic purpose. One computer with internet access has also been installed in the teachers' common room for academic work.

4.6 Amount spent on maintenance in lakhs :

i) ICT	----
ii) Campus Infrastructure and facilities	----
iii) Equipments	----
iv) Others	-----
Total :	-----

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. **Conduct General Meeting at the beginning of the session to convey the availability of Student Support Services.**
2. **Discuss with the Student representative to identify and resolve the students' problem.**

5.2 Efforts made by the institution for tracking the progression

1. **Progression is tracked by the Departments.**
2. **Student Support Cell monitors the progression.**

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
528	--	--	--

(b) No. of students outside the state

06

(c) No. of international students

00

Men

No	%
422	80

Women

No	%
106	20

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
265	82	05	173	--	525	268	82	05	173	--	528

Demand ratio : 1:1

Dropout % : 18%

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

At present there is no student support mechanism for coaching for competitive examination. However, attempt has been made to evolve mechanism for the same.

No. of students beneficiaries

N/A

5.5 No. of students qualified in these examinations (Data Not Available)

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

5.6 Details of student counselling and career guidance

Academic Counselling:

- 1) **The Head of the department and teachers of the respective departments provide academic guidance and support on a regular basis. They assist and advice students on various academic challenges they may face and how to cope with these challenges.**
- 2) **Teachers also provide counselling in their departments.**

No. of students benefitted 250

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
--	--	--	155

5.8 Details of gender sensitization programmes

Women Empowerment Cell organised various Gender Sensitization programmes for girls' student

5.9 Students Activities

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

State/ University level 125 National level International level

No. of students participated in cultural events

State/ University level 25 National level International level

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

Sports : State/ University level 07 National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government		
Financial support from other sources		
Number of students who received International/ National recognitions		

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	Welfare scholarships	To SC/ST students
Financial support from other sources	-	-
Number of students who received International / National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

- NSS students did take initiatives in regard to Slum children, Pollution issues and health care [Total: 11]

5.12 No. of social initiatives undertaken by the students

03

5.13 Major grievances of students (if any) redressed:

- N/A

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION STATEMENT:

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

MISSION STATEMENT:

- To grow as the centre of excellence in the field of science, technology and innovation and empower the learners to lead the world in general and nation in particular in the next century towards a bright and sustainable future for mankind.
- To prepare citizens equipped with independent thinking, critical ability and entrepreneurship.

To establish harmony in society by upholding the ideals of the Republic of India enshrined in the Constitution.

6.2 Does the Institution has a management Information System

Institution is working on implementation of effective MIS

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

6.3.1 Curriculum Development

Since Constituent College of Patna University, Patna (Bihar), we follow the curriculum prescribed by the university. Our senior teachers wrote to academic council of univ. for upgradation of syllabus.

6.3.2 Teaching and Learning

- **The routine committee prepares the general class routine for smooth management of the classes in the beginning of the session. While preparing the routine optimal utilization of infrastructure is considered.**

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- **The meeting of the Academic Council held in the beginning of the session, middle of the session and end of the session is headed by the Principal to discuss the programme of the syllabus and other academic matters.**

6.3.3 Examination and Evaluation

- **Regular terminal examinations.**
- **Unit Tests after completion of each unit of the course of study.**
- **Updating of students performance to the parents during PTA Meet.**

6.3.4 Research and Development

- **Publication of Peer reviewed research journals .**
- **Undergraduate research under CPE/ BSR schemes.**
- **Annual Report records the publish of students in journal, magazines and newspapers.**

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Development of e-library.
- Automated accession process in the Central Library.
- Membership to INFLIBNET.
- Broadband Internet facility and Wi-Fi connectivity.
- Usage of smart Boards.
- The departments provide list of relevant reference books, journals etc. on a yearly basis and thereafter the purchase is made by Central Purchase Committee. This ensures availability of recent and good quality books in the library.
- Library automation is under process.
- Regular up gradation of ICT and physical infrastructure is being done.

6.3.6 Human Resource Management

- **Capacity building programme for Non -Teaching Staff.**
- **Regular Staff meetings of Teaching and Non-Teaching Staff members.**
- **Faculty training programmes.**

6.3.7 Faculty and Staff recruitment

Permanent faculty members are recruited as per the state govt. policy, by Bihar University Service Commission or Bihar Public Service Commission. Temporary/Adhoc/ Part-time teachers are engaged on per class basis by college through its advisory committee.

6.3.8 Industry Interaction / Collaboration

There is no formal Industry interactions collaborations in place.

Students are taken for visits to nearby industries at Barauni and laboratories under the supervision of teachers.

6.3.9 Admission of Students

Students are admitted as per the norms defined by the Patna University, Patna (Bihar) on merit of eligibility exam and State government reservation policy.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none">• Employee Benefit Fund
Non teaching	<ul style="list-style-type: none">• Facilities for Advance, Loan, Cooperative Society etc.
Students	<ul style="list-style-type: none">• Bihar State Govt. has implemented free education to girls students upto graduation level from academic year 2016-17. Admission of girls are awarded on zero balance.• Remedial Coaching Classes (RCC) at Undergraduate Level for Scheduled Castes, Scheduled Tribes, OBC, minority communities and poor students.• Coaching Scheme for Entry into Services (CES) for Scheduled Castes, Scheduled Tribes, OBC, minority communities and poor students.

6.5 Total corpus fund generated

NIL

6.6 Whether annual financial audit has been done Yes No

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

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

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

For UG Programmes Yes No

For PG Programmes Yes No

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

N/A

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

N/A

6.11 Activities and support from the Alumni Association

The Alumni Meet is organised once a year, for all around development of the Alumni Association and the College.

6.12 Activities and support from the Parent – Teacher Association

Strengthening the dept. by the suggestion/ demand as per the need of their ward through PTA meeting.

6.13 Development programmes for support staff

- A training programme on office Automation was organised.**

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

- **Solid Waste management practice**
- **Plantation programme done.**
- **Rain water used as ground water recharge**
- **Workshop cum networking programme on Organic Farming Practices.**
- **Use of CFL, LED Bulbs in the campus.**

Criterion – VII

7. Innovations and Best Practices

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

A.	Theme on “Nurture Nature” by the institution
i.	The Eco Club regularly lead campaigns to prevent use of polythene products and promote the use of biodegradable product in the Campus.
ii.	Solid waste management practice is done by separating the biodegradable and non-biodegradable waste at the source and biodegradable one are used for bio compost generation.
iii.	During the celebration of World Environment Day plantation was done at the extended area of Sector B campus of the institution.
iv.	Awareness programme on Organic Farming Practices and preparation of Inputs were initiated by IQAC.
B.	Awareness campaign of the institution towards pupil/community....
i.	Election Campaign by cycle rally.
ii.	Awareness and networking programme on Organic Farming Practices and Production of Inputs were organised in rural areas in Organic Farming Practices.
iii.	NSS has organised a Cleanliness programme in the Campus.

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

Sl. No.	Plan of Action	Action Taken Place
01.	To conduct institutional workshop on Research Methodology	Conducted as per plan
02.	To conduct awareness programme as extension activities on Organic Farming Practices and Production of Inputs.	Conducted as per plan
03.	To conduct programme on physical Education & Yoga	Conducted as per plan
04.	To conduct computer training programme for non teaching staff	Conducted as per plan
05.	To establish linkage with INFLIBNET	Conducted as per plan

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

- 1. Heavy Plantation and solid waste disposal within college campus.**
- 2. Public extension activity**

7.4 Contribution to environmental awareness / protection

- i. Creating environmental awareness among students through lectures.**
- ii. Waste material management.**
- iii. Rain water harvest to improve ground water level in the campus.**
- iv. Tree plantation in Sector - B**
- v. Use of CLF, LED Bulbs in the campus.**

7.5 Whether environmental audit was conducted? Yes No

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

Institutional Strengths	<ol style="list-style-type: none">i. Laboratory and field based teaching learning process, and regular evaluation using modern tools and analytical techniques for imparting knowledge to the younger generation.ii. Continous efforts are made for the assimilation of science, technology and humanities with emphasis on human values for complete and all-round development of our students.
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8. Plans of institution for next year

- i. To establish one Smart Classroom and Conference Hall
- ii. To establish linkage with National Digital Library
- iii. To organise more community development programme as Extension Activities
- iv. Construction of Girls Hostel.
- v. To provide Wifi facilities in the campus
- vi. To conduct academic audit.

Prof. M N Sinha
Co-ordinator, IQAC

Dr. Upendra Kishore Sinha
(Principal.-In-Charge), Chairperson, IQAC

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Abbreviations:

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