The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

2017-2018

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution   BIHAR NATIONAL COLLEGE, PATNA

- Name of the Head of the institution :   **Dr. Rajkishore Prasad**

- Designation: **Principal**

- Does the institution function from own campus: **Yes**

- Phone no./Alternate phone no.:   **0612-2677619**

- Mobile no.:   **9934417105**

- Registered e-mail: **principalbnc@patnauniversity.ac.in**

- Alternate e-mail :   **profrkishore@yahoo.com**

- Address   :   **Ashok Raj Path, Patna-4**

- City/Town   :   **Patna**

- State/UT   :   **Bihar**

- Pin Code   :   **800004**

2. Institutional status:
- Affiliated / Constituent: **Constituent Unit of Patna University**
- Type of Institution: Co-education/Men/Women: **Co-education**

- Location :   **Urban**
- Financial Status: (please specify)

    Grants-in aid | √ |

    UGC 2f and 12 (B) | √ |

    Self financing | √ |

- Name of the Affiliating University: **Patna University, Patna**
- Name of the IQAC Co-ordinator :   **Prof. (Dr.) Rabindra Kumar**
- Phone no. :

    Alternate phone no.

- Mobile: **9431432173**

- IQAC e-mail address: **iqacbnc1889@gmail.com**

- Alternate Email address:
        principalbnc@patnauniversity.ac.in

3. Website address:

    Web-link of the AQAR: (Previous Academic Year):

http://www.bncollegepatna.com/naac/aqar.php√

4. Whether Academic Calendar prepared during the year? **Yes**

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink:
  http://www.bncollegepatna.com/admin/naac/upload_pdf/Admission%20Calendar.pdf

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st	**B++**	83	**2004**	from:**2004 to: 2009**
2nd				from: to:
3rd				from: to:
4th				from: to:
5th				from: to:

6. Date of establishment of IQAC: **22/11/2014** (revised)

7**.** Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Special guest lecture on NAAC	11/01/2018	40

Note: Some Quality Assurance initiatives of the institution are:
  (Indicative list)
- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements*
- *Academic Administrative Audit (AAA) conducted and its follow up action*
- *Participation in NIRF*
- *ISO Certification*
- *NBA etc.*
- *Any other Quality Audit*

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Bihar National College	Infrastructure development	Bihar goverment	2018, 3	65000000
Nil	Nil	Nil	Nil	Nil
Nil	Nil	Nil	Nil	Nil

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

   *upload latest notification of formation of IQAC   Uploaded

10. No. of IQAC meetings held during the year: **02**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website…….
Yes/No: **Yes**
   (Please upload, minutes of meetings and action taken report) Uploaded

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?   Yes (the funding agency was UGC)

      If yes. The institute has received the amount :   Rs. 3,00000/- Year: 2014

12. Significant contributions made by IQAC during the current year (maximum five bullets)

1. Directed departments to celebrate important days.
2. Directed departments to conduct seminars/workshops on relevant issues for the betterment of social life.

3. Directed department to organise department wise Parent –Teacher's meet to get feedback from parents.

4. Suggestions given to college administration to take initiative regarding maintenance of the internal road of the institution.

5. Suggestions given to college administration for starting some certificate courses in different departments as well as to start MCA.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
IQAC meeting dated 20th March 2018 Plan of action: **Resolution-06:** Boundary and garden of Science Block need renovation for their better outlook.	IQAC meeting dated 20th September 2018 Outcome: In compliance of the resolution no6 of IQAC meeting held on 20th March 2018. In collaboration with L & T Limited, a garden and boundary wall are renovated in the Science Block. So, we are thankful to officials of L & T Limited for their kind help.

14. Whether the AQAR was placed before statutory body?   Yes /No: Yes

Name of the statutory body: Placed before College Development/Finance Committee.
Date of meeting(s): 20th March 2018 and 20th September 2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?
Yes/No: Yes   Date: 11/01/2019 (Former Chairperson of NAAC accreditation of Magadh Mahila College, Patna and the present Pro. Vice Chancellor of PU; Prof. (Dr.) Dolly Sinha.

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2017-2018   Date of Submission: 15/05/2018

17. Does the institution have Management Information System? Yes

If yes, give a brief description and a list of modules currently operational.
(Maximum 500 words)

The institute manages all its activities by means of electronic information system that includes admission notice, results, important events, etc. with the help of web page of the University as well as that of the institute. Regarding the internal management system of the institute, regular meetings among the members of different committees as well as head of the departments are held which play important roles. The institute has grievance redressal cell which helps the stakeholder to put their grievances. It has also a feedback system which collects feedbacks from stakeholders regarding courses, teaching and other activities.

Part-B

CRITERION I – CURRICULAR ASPECTS
1.1 Curriculum Planning and Implementation
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words
The curriculum is designed by the statutory committee of the university and our teachers actively participate in its designing. For its effective implementation, prior to the commencement of the new session, an action plan is prepared in all departments under the persuasion of all heads. As per need and guidelines of all the departments, master routine is prepared by the routine committee of the college for smooth running of the classes. As per the master routine, all the concerned departments prepare and display their own routine. By effective teaching method and periodic departmental tests, the action plan is implemented.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
Nil	Nil	Nil	Nil	Nil

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Nil	Nil	Nil	Nil

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Nil	Nil	Nil	Nil	Nil	Nil
Already adopted (mention the year)					

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Courses
No of Students	NA	NA

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled

B. Sc. Hons. in Biotechnology	30/03/1997	70
B. A. in Functional English	June, 2001	57
BBA	2008	124
BCA	15/04/1999	118

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
B. Sc. Hons. in Biotechnology	70
Functional English	30
BBA	124
BCA	118

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1. Students	2. Teachers	3. Employers	4. Alumni	5. Parents
Yes	Yes	No	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

The feedbacks obtained from our students, alumni, stakeholders, etc. is discussed with the principal and all academic and non-academic staffs. In the light of these, necessary resolutions are made in a meeting of the heads of different departments with the principal and it is conveyed to concern higher authority of the University. Some issues are executed at the level of institute itself. If it is feasible, the concerned higher authority of the University implements it in the next revision of the curriculum.

CRITERION II - TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile (2017-2018)

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Bachelor in Arts (B. A.)	600 x 3	2513	941
Bachelor in Science (B. Sc.) (Math)	210 x 3	1125	487
Bachelor in Science (B. Sc.) (Bio)	125 x 3	633	136
B. Sc. in Biotechnology (Voc.)	30 x 3	196	70
BBA	60 x 3	352	124
B. Sc./BCA	30 x 3	256	80
B. A./BCA	30 x 3	150	38
Functional English	30 x 3	207	69

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses

2017	1945	Nil	65	49	06

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT *(LMS, e-Resources)*	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
65	20	Computers, laptop, LCD projectors, Wi-Fi, e-Library, e-Books, interactive board and printers	05	03	e- Library, e-Books and PPT

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

Institution mentors its students with the help of a multi strata mentoring system. It starts from curriculum development in which the institution, with the help of academic bodies of the Patna University, prepares job oriented curricula and also introduced various job oriented courses like BBA, BCA Biotechnology and Functional English. These all courses are very helpful in mentoring the student's career. The Institution also works for the students of regular courses. Our learned teachers regularly discuss with their students about procedure, syllabus, eligibility, etc. of different graduation based competitive examinations. In off time our most of the teachers interact with the needy students and clear their doubts regarding university's annual examinations as well as their competitive examinations. Different departments, time to time, manage for remedial classes for slow learners. They also provide additional study materials and different types of supports to advance learners at department and persona levels. Placement cell of the college also make arrangement for placement of our students. The institution also provides moral and academic support and guidance to our pass out students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1945	65	1:30

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
134	35	99	05	32

2.4.2 Honours and recognitions received by teachers
(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	Nil	Nil	Nil

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	year	Last date of the last year- end examination	Date of declaration of results of year- end examination
Sanskrit	BASAN	Do	March 2018	May 2018
Hindi	BAHIN	Do	March 2018	May 2018
English	BAENG	Do	March 2018	May 2018
Urdu	BAURD	Do	March 2018	May 2018
Maithili	BAMAI	Do	March 2018	May 2018
Economics	BAECO	Do	March 2018	May 2018
History	BAHIS	Do	March 2018	May 2018
Sociology	BASOC	Do	March 2018	May 2018
Pol. Science	BAPOL	Do	March 2018	May 2018
Philosophy	BAPHI	Do	March 2018	May 2018
Geography	BAGEO	Do	March 2018	May 2018
Psychology	BAPSY	Do	March 2018	May 2018
Mathematics	BAMAT	Do	March 2018	May 2018
Mathematics	BSMAT	Do	March 2018	May 2018
Statistics	BSSTA	Do	March 2018	May 2018
Geology	BSGEL	Do	March 2018	May 2018
Physics	BSPHY	Do	March 2018	May 2018
Chemistry	BSCHE	Do	March 2018	May 2018

Botany	BSBOT	Do	March 2018	May 2018
Zoology	BSZOO	Do	March 2018	May 2018
Biotechnology (voc.)	BSBTC	Do	March 2018	May 2018
BBA (voc. Art.)	B-B-A	Do	March 2018	May 2018
BCA (voc.)	BA-CA	Do	March 2018	May 2018
BCA (voc. Sc.)	BS-CA	Do	March 2018	May 2018
Functional English (voc.)	BA-FE	Do	March 2018	May 2018

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

In some vocational courses, especially in Biotechnology, there is provision of continuous internal evaluation system (Internal Assessment) in the curriculum. The university conducts theory paper examinations of 80 marks and the concerned department provides appropriate marks out of 20 to their individual students. The marking remains based upon class attendance, discipline, extra-curricular activities, overall performance and internal assessment test. And in near future it will be introduced in different regular courses also.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The Institute follows the academic calendar of Patna University. Patna University prepares its academic calendar and circulated in its different constituent units for its implementation. The concerned institute discusses it in the meeting organized with department heads and finally implemented in different programmes and courses. As per academic calendar, the departments complete the syllabus in the stipulated time frame. Thereafter, they conduct sent-up tests and declare the result of those students who have at least 75% attendance.

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 in website of the institution
(to provide the weblink):
http://www.bncollegepatna.com/admin/naac/upload_pdf/Programme%20Outcomes%20Arts.pdf

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination (part-III)	Number of students passed in final year examination	Pass Percentage
BASAN	Sanskrit	03	00	00
BAHIN	Hindi	18	15	83
BAENG	English	32	20	63
BAURD	Urdu	01	01	100
BAMAI	Maithili	--	--	--
BAECO	Economics	52	47	90
BAHIS	History	51	34	67
BASOC	Sociology	40	27	68

BAPOL	Pol. Science	60	49	82
BAPHI	Philosophy	02	00	00
BAGEO	Geography	74	60	81
BAPSY	Psychology	19	12	63
BAMAT	Mathematics	09	09	100
BSMAT	Mathematics	55	39	71
BSSTA	Statistics	08	08	100
BASTA	Statistics	02	01	50
BSGEL	Geology	82	13	16
BSPHY	Physics	47	34	72
BSCHE	Chemistry	37	25	68
BSBOT	Botany	08	05	63
BSZOO	Zoology	23	09	39
BSBTC	Biotechnology (voc.)	28	28	100
B-B-A	BBA (voc. Art.)	62	52	84
BA-CA	BCA (voc.)	17	13	76
BS-CA	BCA (voc. Sc.)	29	26	90
BA-FE	Functional English (voc.)	29	25	86

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink):

http://www.bncollegepatna.com/admin/naac/upload_pdf/Student%20Satisfaction%20Survey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major Projects	Nil	Nil	Nil	Nil
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored Projects	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students Research Projects *(other than compulsory by the College)*	Nil	Nil	Nil	Nil
International Projects	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights **(IPR)** and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Research Frontiers in 21st Century	B. N College, Patna	29th to 30th May 2018

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Metamaterials for real life applications	Dr. Raghwendra Kumar	Optical Society of America (OSA)	23rd Sep 2018	Best poster award in conference organized by Department of Physics, IIT Kanpur, Uttar Pradesh
International Conference on Spectroscopy of Bio-molecules and Advanced Materials	Dr. Piyush Kumar	Indian spectroscopy society	30th Oct. 2018	Best Oral Presentation Awards

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Nil	Nil	Nil

Name of the Start-up	Nature of Start-up	Date of commencement
Nil	Nil	Nil

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
Nil	Nil	Nil

3.3.2 Ph. Ds awarded during the year *(applicable for PG College, Research Center)*

Name of the Department	No. of Ph. Ds Awarded
Mathematics	01
Botany	01
Sociology	01
Psychology	02

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	Chemistry	01	NA
International	Physics	04	03
	Chemistry	02	02
	Zoology	01	0.5

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Geography	1. Book Title: Concert of Cartography, Remote Sensing and GIS by Prof. (Dr.) K. K. Maltiar

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
1.) Enhanced infra-red transmission through subwavelength hole arrays in a thin gold film mounted with dielectric micro-dome	Raghwendra Kumar and S Anantha Ramakrishna	Journal of Physics D: Applied Physics (IOP)	2018	2	Department of Physics, Indian Institute of Technology Kanpur, Kanpur 208016, India	1
2.) Development of a metamaterial structure for large-area surfaces with specified infrared emissivity	Raghwendra Kumar, Amit K Agarwal, S Anantha Ramakrishna	Optical Engineering	2018	0	Indian Institute of Technology Kanpur, Department of Physics, Kanpur, India Instruments Research and Development Establishment, DRDO, Dehradun, India	0
3.) Multifunctional finishing of cotton fabric by electron beam radiation synthesized silver nanoparticles	Amol G.Thite, [a]Kumar Krishnanand[a] [1]D.K.Sharma [b]Anjan.K.Mu khopadhyay[a]	Radiation Physics and Chemistry	2018	1	BTRA, Mumbai	1
4.) Gamma radiation aging of EVA/EPDM blends: Effect of vinyl acetate (VA) content and	Bhuwanesh Kumar Sharma, Kumar Krishnanand, P.A.	Journal of Applied Polymer Science	2018	2	BTRA, Mumbai	

radiation dose on the alteration in mechanical, thermal, and morphological behavior	Mahanwar, K.S.S. Sarma, Subhendu Ray Chowdhury					
5.) Role of dipolar interactions on morphologies and tunnel magnetoresistance in assemblies of magnetic nanoparticles	Manish Anand, Julian Carrey, and Varsha Banerjee	Journal of Magnetism and Magnetic Materials	2018	2	Indian Institute of Technology Delhi, Laboratoire de Physique et Chimie des Nano-Objets, Université de Toulouse/CNRS	1
6.) Linear stability of mixed convection in a differentially heated vertical channel filled with high permeable porous-medium	Abhishek kumar sharma and P Bera	International Journal of Thermal Sciences	2018	1	Indian Institute of Technology Roorkee	0

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Nil	Nil	Nil	Nil	Nil	Nil	Nil

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	5	10	15	20
Presented papers	4	6	10	15
Resource Persons	Nil	Nil	5	10

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Pulse Polio Immunization	UNICEF	01	15
Traffic Control Work; Chatth Pooja, Governor Rally, PM Rally, CM Rally; Dusshera Pooja Celebration, Clean Ganga	Patna Police	01	20-25

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Drill	Best Drill	Indian Military Academy	01
Firing	Best Firing	Indian Military Academy	02
Cultural	Best Cultural	Indian Military Academy	01

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
NSS	Patna University	Participation in parade	2	8
NSS	Ashoka Convention Centre, Patna	Participation in parade	2	12
NSS	B. N. College, Patna	Plantation	2	17

NSS	Dept. of Geology, Patna Science College, Patna	Participation in World Environment day	2	8
NSS	Dept. of Geology, University Campus, Patna	Participation in international Yoga Day	2	6
NSS	Patna	No plastic carry bags and plastic product utilization	2	32
NSS	Wheeler Senate House, Patna University	National Seva Yojna Diwas at Wheeler senate	2	14
NSS	Department of Chemistry, B. N. College, Patna	Participation in Sardar Vallabh Bhai Patel Jayanti	2	36

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Youth Exchange Programme with Kazakhstan	Rovin Kumar	NCC	13th May 2018 to 26th May 2018

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
On-the-job training and project work	Mini research project work	1. Mushroom Training Center, Jagdeopath, Patna	1 month (Jan 2018 to Feb 2018)	12
		2. S.S. Hospital and Research Centre, Kankarbagh, Patna	1 month (Jan 2018 to Feb 2018)	23

		3. Mahaveer Cancer Research Institute, Patna	1 month (Jan 2018 to Feb 2018)	21

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Nil	Nil	Nil	Nil

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs. 150000.00	Rs. 93955.00

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	32,375 sq meter (8 acres)	Nil
Class rooms	31	Nil
Laboratories	17	01
Seminar Halls	02	01
Classrooms with LCD facilities	05	Nil
Classrooms with Wi-Fi/ LAN	19	06
Seminar halls with ICT facilities	02	Nil
Video Centre	01	Nil
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	01	01
Value of the equipment purchased during the year (Rs. in Lakhs)	0.28	0.80
Others	NA	NA

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Biblio Library Software	Partial	8.26	2018

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	75277	Yet to be calculated	Nil	Nil	75777	Yet to be calculated
Reference Books	500	Yet to be calculated	Nil	Nil	700	Yet to be calculated
e-Books	200	Free	Nil	Nil	200	Free

Journals	500		Nil	Nil	500	
e-Journals	Nil	Nil	Nil	Nil	Nil	
Digital Database	Nil	Nil	Nil	Nil	Nil	
CD & Video	Nil	Nil	Nil	Nil	Nil	
Library automation	Nil	Nil	Nil	Nil	Nil	
Weeding (Hard & Soft)	Nil	Nil	Nil	Nil	Nil	
Others (specify)	Nil	Nil	Nil	Nil	Nil	

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	84	02	Wi-Fi campus	Nil	Nil	05	19	10MBPS	Nil
Added	03	Nil	Wi-Fi campus	Nil	Nil	Nil	Nil	Nil	Separate BSNL Wi-Fi facility for Biotech 3.0 MBPS
Total	83	02	Wi-Fi campus	Nil	Nil	05	19	10MBPS	Nil

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Nil	Nil	Nil	Nil

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Nil	Nil	Nil	Nil

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. *(maximum 500 words)* (information to be available in institutional Website, provide link)

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	SC/ST/OBC/Minority Scholarship funded by state govt.	34	3,61,426.00
Financial support from other sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Functional English	Session 2017-18	69	Institution itself (Vocational course)

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	---	Nil	Nil	Nil	Nil

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
1	1	60

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
---	---	---	---	---	---

5.2.2 Student progression to higher education in percentage during the year **2017-18**

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18 (2014-17 session)	02	Biotech	Botany	SAPIENZA University, Italy and other	Oncology, PGDM

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	---	---
SET	---	---
SLET	---	---
GATE	---	---
GMAT	---	---
CAT	---	---
GRE	---	---
TOFEL	---	---
Civil Services	---	---
State Government Services	---	---
Any Other	---	---

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Sports +Cultural Activities	College/University level	148

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)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2018	Nil	Nil	Nil	Nil	Nil	Nil

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

In accordance with the recommendations of the Lyngdoh Commission, Patna University has conducted a centralized election in the year 2017-18 for the constitution of Students' union. From our college, one student got selected. Elected representatives of the institution college councillors are active members of internal quality assurance cell and their suggestions are considered for the development of the academic and administrative plans.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

The institute will make all necessary arrangement to registered Alumni Association.

5.3.2 No. of registered enrolled Alumni:

10

5.3.3 Alumni contribution during the year (in Rupees) **:**

10000

5.3.4 Meetings/activities organized by Alumni Association **:**

Those alumni who are placed at higher ranks in different areas, on arrival, they interact with the teachers and students of their departments and give valuable tips for betterment in all spheres of development.

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

Criterion VI - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year.

The management of B. N. College consists of mainly two branches- Academic and Administrative. Academic activities of the college are managed by the Principal, Heads of the respective departments and the faculty members, while the administrative activities are governed by the Principal, Bursar, Accountant and Administrative staffs in tune with the directions of Patna University. Apart from these basic management structures of the college, several committees are formed to practice decentralization and participative management. Our college has constituted the following committees:

- Admission Committee

- Finance Committee

- Anti-Ragging Committee

- Staff-Welfare Committee

- Sports Committee

- Cultural Committee

- College Development Committee

- Purchase Committee

- Library Advisory Committee

- Examination Committee

- NAAC Committee

- Career Counselling and Campus Placement Cell

- Grievance Redressal Cell

The college management is not just run by the higher authorities but there is participation of people from all sections like teaching staff, non-teaching staff and students. Suggestions and inputs from these different groups of people play a major role in decision-making process, which is helpful forthe growth of the college in all aspects. Our college also encourages the involvement of society, stakeholders, alumni and parent in its management system. The feedback from these various sections helps to improve the quality of the college.

In addition to the above, here we give two specific examples of decentralization and participative management which has been adopted by our college in the last year:

1. A few years back, there were no girls' toilets available in the college. By taking feedback from students, it has been realized that there must be a separate toilet for girls. The higher authority of our college acted promptly on this problem and a development committee was constituted to build up girls' toilets in the college campus.

2. As per the government directives, it is mandatory that college campuses should be green to promote eco-friendly environment. Our college took this government initiative as a positive feedback and started to work on the strategic plan for making a green campus. However, the major problem was the unavailability of open space within the campus. Consequently, a committee was formed and it was decided that the old staff quarters is in dilapidated condition which is of no use. Then these quarters were demolished and in place of that, massive plantation has been done. In this plantation process, the participation of teachers and students was also crucial as they brought various kinds of plants from different places.

6.1.2 Does the Institution have a management Information System (MIS)?

Yes. B. N. College, Patna has its own website where information pertaining to all the academic and administrative activities are uploaded and maintained periodically. This website is particularly helpful for students as they get all the necessary information related to entrance test, final examination, registration, admission and fee payment. Our college also provides website hosted mailing facilities for all the faculty members.

Important information is displayed on main notice-board of the college as well as on departmental notice-board. For sharing information, our college also takes the help of print media and electronic media.

6.2 Strategy Development and Deployment

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

- ❖ **Curriculum Development**

Curricula for regular courses at both undergraduate and post-graduate level are basically developed by university, but college teachers are also involved in various committees of the curriculum development. However, curriculum for vocational/self-financing courses such as BCA, BBA, Functional English and Biotechnology are developed by the college and subsequently they are adopted after approval by the University and Chancellor's office. We focus on research based and job-oriented curriculum. Different methodologies are adopted by teachers from their classroom experiences that help in modifying the curriculum. Our college also arranges seminars, conferences, workshops and hand-on-session that give an updated view of the subject matter which is then used to design the curriculum up-to-date.

❖ **Teaching and Learning**

Our college teachers adopt pedagogy in their classroom teaching that helps students to understand the subject matter clearly. To enhance the teaching skills of teachers, our college provides required facilities for their teachers to participate in Orientation and Refresher courses. Events like seminar, conference and workshop are periodically arranged by the college to keep students and teachers updated about the current scenario of various topics. To develop a better teaching-learning environment in the college, smart classrooms have been developed. Also, our college teachers use model and power-point presentation in their classroom teaching to make the subject matter interesting. For making teaching-learning process more effective, students are also encouraged to participate in discussions with their teachers and class fellows. Extra/Tutorial/Remedial classes are arranged for students those who perform poorly in the classroom. To assess students' performance, regular home assignments are given to them. Also, monthly tests are conducted at departmental level.

❖ **Examination and Evaluation**

Our college offers regular and vocational courses at undergraduate level. The admission of students in various courses is through a common entrance test. Before appearing to the final examination, student's performance is evaluated through monthly and sent-up test. Examination of practical papers is conducted at departmental level and is evaluated by external and internal examiners appointed by the University.

❖ **Research and Development**

Apart from teaching, our college faculty members and students are encouraged to pursue and promote research activities in the college. The faculty members carry out their research work in frontiers areas of science, arts and literature. The college has well equipped laboratory facilities for doing research work. Also, the library facility with latest publication of books, journals, magazines is provided for supporting research activities in the college. Computing facilities with internet connection are also available in the college. The faculty members are granted duty leave for attending seminar, conference and workshop. B. N. College, Patna has its own research journals, Anveshika and Literary Pearls, in which articles of teachers and students are published. There is also a separate college magazine Anunad in which only students' articles are published.

❖ **Library, ICT and physical infrastructure / instrumentation**

Our college has a well maintained central library as well as departmental library. The central library is easily accessible for the students of all subject streams. The library has spacious reading room, internet connections, digital books, magazines, free access to stacks, e-contents and research journals accessible through Information and Library Network (INFLIBNET). Our college also provides ICT facilities for strengthening the academic activities within the college. The college has a well equipped seminar hall with video conferencing facilities.

New books are purchased for the library periodically to maintain the stocks. Feedback of students is also taken in order to update the library services.

Most of the departments of our college have their own computer labs. The college provides Wi-Fi facilities for students and teachers for promoting e-learning and research activities in the college. Our college has smart classrooms equipped with all the basic facilities such as interactive whiteboard, computer, laptop, projector, etc. The college have all the basic amenities for students such as separate toilets for girls and boys, safe drinking water, common room, bank, generator for power back up, ramp facilities for physically challenged students, a big playground with separate Volley-ball and Badminton courts. There is also a teachers' club in our college where teachers gather to discuss and share their ideas on various issues related to college. Also, the college has well maintained lecture halls for both theory and practical classes. There are separate invertors for many departments. Hostel facilities are also available in the college.

❖ Human Resource Management

Human Resource Management of the college is monitored by the principal, several college committees and the student representatives. Regular meetings of different committees are held in order to sort out various problems related to students and staffs. The faculty members are encouraged to attend Orientation Programmes, Refresher Courses, and Workshops for their professional development. They are also allowed to avail duty leave for attending seminar, conference and workshop. Our college also arranges training programmes to their employee for skill development. The college organizes regular conference, seminar and workshop for knowledge sharing and to enhance the quality of their faculty members and students. Students are encouraged to join NCC and NSS of the college. These trained students help in various activities within and outside the college campus. The college also provides the facilities of legal cell and career counselling.

❖ Faculty and Staff recruitment

Permanent/Regular faculty and staff are recruited by the university after recommendation from concerned commissions and not by the college. However, guest teachers and temporary staffs are appointed by the college.

❖ Industry Interaction / Collaboration

The college has collaborated with several industries for field visits, demonstrations, experiments, projects, and on the job training for the students. Professionals from industry are also invited in the college to deliver special lectures on various job-oriented topics for the benefit of students. These activities play a major role in shaping up the students career.

❖ Admission of Students

Students in regular and vocational courses are admitted through common entrance test conducted by Patna University, Patna. To appear in this entrance test, first students have to fill up the online admission forms. After qualifying the entrance test, students are called for counselling based on their merit list. All the government norms regarding the admission process are strictly followed along with the reservation policy.

6.2.2 Implementation of e-governance in areas of operations:

❖ **Planning and Development**

There is some e-governance in planning and development.

❖ **Administration**

There is some e-governance in administration.

❖ **Finance and Accounts**

There is some e-governance in finance and accounts.

❖ **Student Admission and Support**

Student admission is done through online process. Also, all the information related to students is uploaded on the college website.

❖ **Examination**

Entrance test for all the regular and vocational courses is done through online process.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year.

Year	Name of teacher	Name of conference/work shop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nil	Nil	Nil	Nil	Nil

6.3.2 Number of professional development/administrative training programmes organized by the college for teaching and non-teaching staff during the year.

Year	Title of the professional development programme organized for teaching staff	Title of the administrative training programme organized for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)

| 2017-18 | National Seminar on Research Frontiers in 21st Century | Nil | 29/05/2018 to 30/05/2018 | 100 | 0 | |

6.3.3 Number of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Faculty Development Programmes during the year.

Title of professional development programme	Number of teachers who attended	Date and Duration (from-to)
78th Orientation programme at UGC-HRDC, Patna University, Patna	02	17/01/2018 to 13/02/2018
79th Orientation programme at UGC-HRDC, Patna University, Patna	01	17/07/2018 to 13/08/2018
81st Orientation programme at UGC-HRDC, Patna University, Patna	02	24/11/2018 to 21/12/2018
Short-term Course on Introduction to Robotics: Mechanics, Control and Programming	03	26/10/2018 to 28/10/2018

6.3.4 Faculty and Staff recruitment (no. of permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
35	65	70	00

6.3.5 Welfare schemes for

Teaching	Medical facility, Teacher's Welfare Fund and residential quarters, Co-operative society
Non-teaching	Medical facility, residential quarters, Co-operative society.
Students	Hostel, Scholarships, Banking facility, Free medical facility, Legal Cell, Career Counselling and Placement Cell.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Yes, the college conducts its internal and external financial audits regularly. External audit is done by the Chartered Accountants while the internal audit is done by the concerned authority of the University.

6.4.2 Funds/Grants received from management, non-government bodies, individuals, philanthropies during the year

Name of the non-government funding agencies/individuals	Funds/Grants received in Rs.	Purpose
L&T Limited of India	Approx Rs.300000/-	They have casted plain cement concrete internal road and also developed the garden of Science Block of the college.

6.4.3 Total corpus fund generated: Nil

6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	B N College
Academic	No	NA	Yes	Different departments
Administrative	Yes	Barun & Co.	Yes	Patna University

6.5.2 Activities and support from the Parent-Teacher Association

Our college regularly organizes parent-teacher meet in which various issues related to students and teachers are discussed to create a healthy academic environment. Parents are also informed about the rules and regulations of the college so that students are in close supervision to their parents. Parents are also made aware of the progress of their wards. Feedback from parents is taken which helps in improving the teaching-learning process as well as the college infrastructure and facilities.

6.5.3 Development programmes for support staff

Our college arranges computer training programme for staffs in order to develop their technical skills.

6.5.4 Post Accreditation initiative(s)

Post accreditation, our college has taken the following initiatives:

1. Introduction of some new add-on and vocational courses

2. Soft skill development programme for teaching and non-teaching staffs.

3. Implementation of ICT in teaching and learning process

4. Establishment of computer laboratory

5. All the college buildings have been renovated.

6. Online admission process for students has been implemented.

7. Construction of Badminton and Volleyball courts

8. Wi-Fi facility has been provided in the college campus.

6.5.5 a. Submission of Data for AISHE portal: Yes

   b. Participation in NIRF: No

   c. ISO Certification: No

   d. NBA or any other quality audit: No

6.5.6 Number of quality initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-to)	Number of participants
2018	Special guest lecture on NAAC	11/01/2018	11AM-2PM	40

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
Nil	NA		
Nil	NA	NA	NA

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the College met by the renewable energy sources

- Plantation drive has been carried out in the campus to promote green environment.
- Promotion of use of bicycles in the campus.
- Plastic (carry bag below 50 microns) and tobacco free campus
- The Institution utilizes a solar hot water plant for supply of hot water in different laboratories of Botany Department. The department has waste processing system (Vermin-culture) which generates manure for the plants and gardens in the campus.
- Use of LED bulbs to reduce power consumption.
- Rain water harvesting system to reduce loss of water during rainy season.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	03
Provision for lift	No	NA
Ramp/ Rails	Yes	03
Braille Software/facilities	Yes	03
Rest Rooms	Yes	03
Scribes for examination	Yes	03
Special skill development for differently abled students	Yes	03
Any other similar facility	Yes	03

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

7.1.5 Human Values and Professional Ethics		
Code of conduct (handbooks) for various stakeholders		
Title	Date of Publication	Follow up (maximum 100 words each)
Nil	Nil	NA
7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-------to-------)	Number of participants
Nil	NA	Nil
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)		
Plantation, Swakshta activities,		

* **Energy conservation:**
  The Institution makes continuous efforts to reduce the consumption of electricity by replacing the traditional bulbs and tubes with CFL and LED bulbs and tubes, and installation of efficient ceiling fans. The Institution avoids unnecessary use of power by switching off the electric gadgets just after the work is over. Guards and fourth grade employees are instructed to report immediately if any mismanagement occurs at any point in the institution. Presently the Institution is harvesting solar energy for solar hot water plant and in near future it will manage to harvest more solar energy to minimize the dependency on electricity. Well ventilated and well lighted class rooms and office to minimize dependency on electrical power supply and Gen- sets.

* **Use of renewable energy**
  The Institution has a solar hot water plant for supply of hot water in different laboratories of Botany Department. The department has waste processing system (Vermin-culture) which generates manure for the plants and gardens in the campus.

* **Water harvesting**
  The Institution has rain water harvesting facility, and using this system we store and use water for gardens.

* **Efforts for Carbon neutrality:**
  The Institution has given strict instructions to all its departments to use refrigerators, air conditioners, blowers and other carbon emitting equipments in the permitted scale and point for appropriate duration to minimize the dependency on fossil's fuel.

* **Plantation**
  The Institution regularly plants Ornamental, Medicinal and timber yielding plants in the space allotted for an eco-friendly environment, research and self dependency of the Institution for Timber. There are seven gardens in the campus for cool, calm and better academic environment.

* **Hazardous waste management:**
  Heavy metal related compound wastes; chemicals released from laboratories are separately collected and disposed of in isolated condition. The institution also tries to maintain its campus plastic and tobacco free.

* **e-waste management**

   The Institution manages the issue by contacting the distributors to take back our outdated electronic gadgets to be recycled or processed professionally. Institutional technicians are also helpful in e-waste management.

* Herbal Garden

   Herbal garden with lot of medicinal plants to make it popular among the students to minimize their dependency on synthetic drugs that helps in promotion of indigenous knowledge.

7.2 Best Practices

Describe at least two institutional best practices
Upload details of two best practices successfully implemented by the
institution as per NAAC format in your institution website, provide the link

Best Practice-1

1. Title of the Practice

   Learn, Earn & Do Good

2. Goal

   All round development of students so that they can contribute to the strengthening of the nation.

3. Context

   Our college was established in 1889 with a view of instilling nationalist ideas among the students through quality higher education. With the passage of time lot of changes have occurred in our society and we can survive only when we keep ourselves up-to-date with the pace of the globe. New courses have been introduced without minimizing or ignoring the importance of the traditional courses. These days our college is an amalgam of tradition and modernity and is continuously upgrading the academic standards of our society by providing knowledge both in the traditional courses as well as modern subjects to cater to the needs of the society.

4. The Practice

   Under the leadership of the Principal, the faculty members, students, alumni, denizens of the society worked together to upgrade and modernize the college in order to improve academic excellence and employability of the students. As this college was established in 1889, being one of the oldest colleges of India, it has seen various vicissitudes in the flow of education. This college has succeeded in making the following items related to infrastructure:

   a. Beautifully structured building
   b. Classes are equipped with interactive smart board and projectors
   c. Audio – Visual seminar hall with interactive board
   d. Free high speed Wi – Fi broadband activity
   e. Well-equipped science laboratories
   f. INFLIBNET Facility
   g. Students who are economically and socially deprived are provided scholarships
   h. We have computers for students

i. All departments have laptop and desktop computers, printers, scanners, copiers and intercom facility.
j. We have air – conditioned Digital Language Lab with 20 computers, UGC Network Resource Centre with 17 computers, centralized computing facility with 20 computers and labs for science subjects with sufficient modern equipments.
k. The college has NSS & NCC on the campus
l. Our general library is regularly updated and now has around 78,000 books and a number of journals.
m. The college has a fully furnished Health and Fitness Centre and spacious play ground and equipments for weightlifting, power lifting, and body building.
n. Our administrative section is completely automated with networking and intranet
o. We have purified drinking water facility in every nook and corner.
p. We have fully furnished hostels and open air auditorium.
q. We have received funding for the construction of new buildings and conference halls for different courses.
r. We have formed cells like Career Guidance and Placement Cell, Scholarship cell, Equal Opportunity cell, Centre for Distance Education, Student welfare Cell besides sports club, cultural and fine arts club and staff club.
s. We have a professional still camera and a movie camera which are used for documentation.

The college is keen in providing all these services to the students for developing employability and academic excellence. Faculty members monitor the proper use of all services, and most of the maintenance of the services is done by a team consisting of the teachers and the students. These infrastructural facilities are crucial to the exposure received by our students, and the college offers these services to the distance education students as and when required. We have also proposed for funding to acquire additional infrastructure to compete with international campuses.

5. Evidence of Success

Infrastructural upgradation has ensured academic excellence and employability of our students in the recent years. The following are a few of the instances:

(i) Late Lal Narayan Sharma 1st Attorney General of India was a student of this college.
(ii) Our former students have led Bihar and Indian politics for a long time. They are Lalu Prasad Yadav, Sushil Kumar Modi and many others.
(iii) Our students have been representing the university teams in various sports/fine Arts/ Elocution Competitions for the last many years. They have proved themselves in weightlifting, power lifting and body building at the state level. Our college occupies top position in sports in terms of the number of our students and their achievements.

6. Problems Encountered and Resources Required

The college faces a few problems in the effective utilization of our infrastructural resources as detailed below:

(i) We are not provided with sufficient funds for infrastructural mobilization as per the proposals submitted, and it slows down the pace of our development.
(ii) We occasionally face scarcity of permanent faculty members.
(iii) Our major deficiency is that we do not have qualified technical assistants and mechanics for the operation and maintenance of the available resources. Our requests for the sanction of posts are yet to be considered by the government.

7. Notes

Any institution planning to upgrade its infrastructural resources should take in to consideration the locale of the institution, the nature of representation of the communities the students hail from, and the academic requirements of the institution. There should be efforts to bring parity in terms of standards of international institutions. The facilities should be accessible to the students so that their academic excellence and employability are enhanced.

8. Contact Details

Name of the Principal   :   Dr. Rajkishore Prasad

Name of the Institution   :   Bihar National College

City   :   Patna

Pin Code   :   800 004

Accredited Status   :   B++ granted in the year 2005

Best Practice- 2

1. **Title of the Practice**

    Preservation of Human Values with Modern Learning

2. **Goal**

    The college aims to produce such students who after acquiring knowledge and skill are to enter public life with efficiency, sincerity, morality and honesty. To earn money is not bad but to earn money setting aside all norms of morality and honesty is very bad. And this lesson we do not impart only in theory but in practice. First of all we stand the test and keep the ideal so that there may not be a crisis of faith. In this blind race of materialism, commercialism, consumerism, and professionalism we give practical education to give, control and sympathise because without these qualities even an educated man will become worse than wild beasts. The demand of the hour is that we should think of the making of nation first and with this motto only, our college was established **o;a jk"Vªs tkx`;ke** (we keep ourselves awake for the nation).

    And in achieving our goal we put thrust on those human values although we provide them latest courses of study.

3. **The Context**

    Since our college was established in 1889 in order to provide education to those students who were filled with nationalist ideas and were not allowed to study in government colleges, the service to the nation is our main purpose. We want to rebuild our nation with the people with high moral ideas and culture as well as with scientific and progressive thoughts.

4. **The Practice**

    We are not profit makers rather we want to use our knowledge, skill, efficiency in the rebuilding of the nation. For this, latest techniques such as e-learning and e-administration are essential. For students we have provided Wi-Fi facility, Language Lab with twenty computers, e-Library so that they can have access to the best universities and institutes of the world. Our students have always been the leaders in every field and

we want to maintain that pace so we have also paid attention to e-administration. e-administration is being implemented in gradual manner. Management & Information System (MIS) Software was specially designed to cover the various administrative and financial tasks of the college as per the need of the day. Admission, pay roll, fee collection and accounting reports generation were implemented in the first stage. Staff working in these sections were motivated and trained with some incentives. Now, these sections are fully computerized and managed by a small number of clerical staff. In the second stage, Central Library has been linked to the Server with special designed software which controls accession of books, cataloguing, issue & return of book and finally generates no dues report to each and every student. As per scheme, the process of bar-coding of all the books is to be undertaken very soon. Our college has also implemented networking of all the departments and sections through Wi-Fi. Next stage is to implement inter- connectivity among all the departments, office and library for fast communication and transfer of information. However, it needs re-orientation of staff, students and faculty members with short-term training to handle software.

5. **Evidence of Success**

Implementation of e-administration has eased the work of selection of candidates for admission. We conduct written test for the admission to B,A./ B.Sc./ Vocational Courses. The data is put on computers and it becomes easier to publish the list within no time. Results are also uploaded on Internet. In this way the admission process is transparent. Fee collection and timely deposit of cash have been ensured. Daily accounts register and other reports are automatically generated. Salary report is generated without error in time. Repetitive generation of various types of report demanded by the University, State Government, Central Government and other agencies are prepared with ease. This has helped the college administration. Despite shortage of clerical staff in comparison to huge structure and diversity of jobs, administration and governance has become effective through e-administration. It is to be mentioned that the success story of e-administration in B.N. College has prompted other institutions also to go for computerization.

6. **Problems Encountered and Resources Required**

The first and foremost problem was the re-orientation of the mindset of staff who were accustomed to old practice. Second challenge was to make them ready for training to handle the MIS Software. One strategical problem was to check error during transaction in different activities of staff. The college implemented e-administration in stages. In the first stage, important transactions are preserved manually also. To overcome any error during handling of the new software, a professional from the software company has also been hired to assist and train our staff. As a matter of fact, any software specially designed needs regular improvements to meet the requirements of end users. As such, one major task is to minutely study and monitor the functioning and report generation process of the software. This task has been effectively handled by Accountant, who is well conversant with statutory needs and software functioning. However, the software company is contacted as and when required to customize programming as per our needs.

7. **Notes (Optional)**

As it always happens with the introduction of new ideas and new technologies that people who are accustomed to working in the traditional way, do not accept them easily and also do not want to learn new things but when they are made to understand the importance of those technologies, they adopt them quite willingly. This happened with our staff and now they are efficiently performing their job.

8. **Contact Details**

Name of the Principal   : Dr. Rajkishore Prasad

Name of the Institution   : Bihar National College, Patna

College ID No.	: BP 6 – 001
City	: Patna
Pin Code	: 800 004

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

In 1892, Calcutta University granted it the status of First Level College. In 1923 , this college was taken under Govt. control with the efforts of the then commissioner of Patna Accdale Earleo and was given the status of Full Deficit Grant College. In 1952, this college was converted into a constituent unit of the Patna University.

This college has basked in the glorious sunshine of history in all domains of life. It has been the crucible for churning out a galaxy of singular scintillating intellectual gems that have done proud not only to Bihar, but to the entire globe with their charismatic intellectual exploits. The college has flourished stupendously under the dynamic and energetic principals like Mr. Akshay Kumar Mazumdar, Dr. D.N. Sen, Moinul Hague, Dr. D.P. Vidyarthi, Dr. S.K. Bose, Dr. Amarnath Sinha, Dr. M.P. Sinha, Dr. P.K. Poddar and The commissioned principal Dr. Rajkishore Prasad. The college is the role model to other educational institutions of the country. It has been successful in infusing robust faith in the hoi polloi of the state. At present, the college is making tremendous strides in the holistic development of students under the dynamic, charismatic and iconic personality of Dr. Rajkishore Prasad.

Located in a beautiful campus on the bank of the holiest river of the universe the Ganges, B. N. College has a brobdingnagian and leviathan size in its academic achievements in providing quality education to both boys and girls. This college is permanently affiliated under section 12B of UGC Act 1952. It has been accredited with B++ grade by the UGC NAAC Peer Team in 2004. It is a College with Potential for Excellence (CPE) status accorded by the UGC vide letter no. F.12-1/2010 (NS/PE) dated 07th December, 2011

The students and teachers of this college have carved niche in each and every field of the society and have been the torch-bearers and pioneers in various fields. Dr. Moinul Haque, the principal of this college led the Indian Olympic Team. To mark his memory Moinul Haque Stadium has been established in Rajendra Nagar, Patna. Lal Narayan Sharma, first attorney general of India, Prof. Siddheshwar Prasad, Central Minister for 11 years and former governor of Tripura, Dr. Bindeshwar Pathak, the founder of Sulabh International and Padma Bhusan Awardee, Lalu Prasad Yadav, Ex-Chief Minister of Bihar and Ex- Railway Minister Govt. of India, Mihir Kumar Jha, Hon'ble Justice, Patna High Court, etc. have been the alumni of this college. The Padma Award winners such as Dr. Moinul Haque (Padma Shree in 1971), Dr. Kalim Aziz (Padma Shree in 1989), Dr. Shailendra Nath Srivastava (Padma Shree in 2003), Dr. Sharfe Alam (Padma Shree in 2012), Dr. Bindeshwar Pathak (Padma Bhushan in 1984) have been either the teachers or the students of this college. The Arjuna Award winner C. Prasad, the Captain of Indian Football Team in 1970, the Sahitya Academy Award Winners Prof. Arun Kamal and Sri Ganendra Pati, the winner and member of the Indian Golf Team Mr. Aman Raj havebeen our students. The writer of more than fifty books and translator of Sri Ramcharitramanas- Dr. R.C. Prasad, Dr. R.C.P. Sinha who translated Homer's Iliad and Odyssey into Hindi, Dr. Rameshwar Singh Kashyap, the dramatist who created Loha Singh, Dr. Abdul Moghni who contributed a lot to Urdu literature, etc. have been the teachers of this college.

8. **Future Plans of action for next academic year (500 words)**

The institution has decided to implement following future plans during next academic year.

1. Institutional inclination towards solar energy for its power consumption.

2. Introduction of new courses such as web designing, photography, gemmology, MCA, MBA, M.Sc. in Electronics, UG and PG courses in Industrial Chemistry, Clinical Psychology, Yoga, Cartography etc.

3. Smart classes in every department.

4. Well equipped research labs.

5. Very good seminar hall to conduct national/international level programmes.

6. Installation of surveillance camera at appropriate sites in the campus.

Name: **Dr. Vinod Prasad**   *Name:* **Dr. Rajkishore Prasad**

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

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Abbreviations:

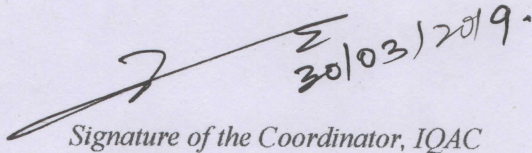|		
CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility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

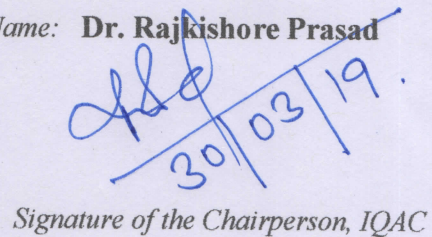## 8. Future Plans of action for next academic year (500 words)

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Name: **Dr. Vinod Prasad**

30/03/2019.

Signature of the Coordinator, IQAC

Name: **Dr. Rajkishore Prasad**

30/03/19.

Signature of the Chairperson, IQAC

Principal
B.N.College, Patna

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