



Yearly Status Report - 2019-2020

Part A

Data of the Institution

| | | |
|---|--|-----------------------------|
| 1. Name of the Institution | | ANUGRAH NARAYAN COLLEGE |
| Name of the head of the Institution | | Prof. Shashi Pratap Shahi |
| Designation | | Principal |
| Does the Institution function from own campus | | Yes |
| Phone no/Alternate Phone no. | | 06122540482 |
| Mobile no. | | 7061774522 |
| Registered Email | | principalncollege@gmail.com |
| Alternate Email | | principal@ancpatna.ac.in |
| Address | | S. K. Puri, Boring Road |
| City/Town | | Patna |
| State/UT | | Bihar |
| Pincode | | 800013 |
| 2. Institutional Status | | |

| | |
|--|----------------------------|
| Affiliated / Constituent | Constituent |
| Type of Institution | Co-education |
| Location | Urban |
| Financial Status | state |
| Name of the IQAC co-ordinator/Director | Dr. Arun Kumar |
| Phone no/Alternate Phone no. | 06122540482 |
| Mobile no. | 9431077514 |
| Registered Email | arunkumar1957@gmail.com |
| Alternate Email | arun.kumar@anccpatna.ac.in |

3. Website Address

| | |
|--|---|
| Web-link of the AQAR: (Previous Academic Year) | https://www.anccpatna.ac.in/Menu/NAAC/AQAR%20Report%20-%202018-19.pdf |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes,whether it is uploaded in the institutional website: Weblink : | https://www.anccpatna.ac.in/Menu/NAAC/aqar_meetings/Academic%20Calander%20-2019%20-20.pdf |

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity | |
|-------|-------|------|-----------------------|-------------|-------------|
| | | | | Period From | Period To |
| 1 | A | 3.10 | 2005 | 21-Sep-2005 | 20-Sep-2010 |
| 2 | A | 3.18 | 2011 | 30-Nov-2011 | 29-Nov-2016 |
| 3 | A | 3.27 | 2017 | 30-Oct-2017 | 29-Oct-2022 |

6. Date of Establishment of IQAC

15-Nov-2005

7. Internal Quality Assurance System

| 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 |
| | | |

| | | |
|--------------------------------------|------------------|------|
| Formulation of delivering strategies | 15-Jul-2019 8 | 9000 |
| View File | | |

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 |
|--------------------------------|-------------------|----------------|-----------------------------|--------|
| A N College, Patna | Financial Support | State Govt | 2019 2019 | 700000 |
| No Files Uploaded !!! | | | | |

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

7

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

- Academic planning for effective curriculum delivery.
- Endeavours for arranging funds for Infrastructural Augmentation and Expansion
- Arranging classes of Ability Enhancing Courses (AEC-I) in P.G. Semester - II under CBCS.
- Development of Additional Computer Lab in B.Sc. (IT)
- Planning and arranging digital contents, online classes, Webinars, Faculty Development Programs (FDPs) Student Development Programs (STPs) etc. during Lockdown from March 2020 onwards.

No Files Uploaded !!!

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

| Plan of Action | Achivements/Outcomes |
|--|----------------------|
| No Data Entered/Not Applicable!!! | |
| View File | |

| | |
|--|--|
| 14. Whether AQAR was placed before statutory body ? | No |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | No |
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2020 |
| Date of Submission | 20-Feb-2020 |
| 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) | <p>The college has a Part of UMIS (University Management Information System) utilizes the benefits of information in two modules: 1. Admission (2) Examination 1. Admission: At the behest of the Governor's Secretariat, Bihar, admissions at U.G. and P.G. levels in conventional as well as vocational / professional courses are done at university level. For admissions, applications are invited online and after scrutiny, the selection list is also uploaded online. A link is also provided to the college. Through the link. We assess the number of applications submitted for each course of the college and the number of students selected through number of choices each student has exercised / enlisted and performance in entrance tests in the subjects / course which he / she wishes to undertake. All of the informations are downloaded and saves. It helps us in analyzing the popularity / states of a particular course and also in envisaging further strategies for improvement. Since each students has to provide his / her details such</p> |

as Father's / Mother's Name, Category, Qualifications, Address, Gender, email, mobile No. etc., therefore, a comprehensive information about the student is stored which can be retrieved as and when required. 2. Examination: Examination forms are also filled online. The university provides a link to the college and the college authorities after proper verifications give approval. From thus, we get the list of appearing students. All information pertaining to examinations are provided online. Results / outcomes of the examinations are also given online. The data captures related to examination, facilitate analysis of the outcomes / result and help us in strengthen the course of corrections for further improvements.

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

1. Academic planning for the ensuring session 2019-20. For ensuring curriculum delivering strategies and modalities were discussed at length. It was resolved that (i) HoDs of the concerned departments will assign topics / chapters of different papers of various courses to each teacher. HoDs will continuously monitor the progress and will devise strategies accordingly for effective teaching and coverage of the syllabi. (ii) Before start of the teaching, the departments concerned will organise on their own Induction programs for students to make them aware with the nuances, priorities and requirements. (iii) Along with traditional "chalk and talk" method, each department should encourage teachers to use ICT enabled tools and optimum utilization of K-Yan provided to the developments. Various methods like participative learning, problem solving methodologies, "hands on learning" etc. should be invoked. In each department at least one or two teachers be assigned the role of mentor to counsel the students on academic matters and other related issue. (iv) Special care be taken of those students who are "slow learners" for them special tutorial classes be run 'Advance Learner' should be pepped up, encouraged, and guided to explore materials on advanced topics. Tutorials should be run by each department and wherever required "bridge courses" should be run. (v) Oral tests, class tests, internal evaluation should be conducted by each department on regular basis. Internal examinations be held in each year / semester. (vi) Each department will obtain feedbacks on the syllabus from the students and teachers and other stakeholders as well. (vii) MOOC courses be provided to the students through various platforms like Spoken Tutorials, IIT Bombay, Coursera, NPTEL, IIRS-ISRO, etc. 2. Planning for Co-curricular and Extra-curricular Activities All members were unanimous in their views that "Co-curricular and Extra curricular activities are extension of formal and informal learnings. These complement and supplement curricular activities and are essential for in calculating various facets of personality development and cultural assimilation of students. The members outlined some of the tentative activities like (i)

Debate (ii) Science, Social sciences, Humanities and General Knowledge, current Affairs quizzes. (iii) Poster exhibitions on different theme. (iv) Documentaries, projects, you tube channels, Facebook pages etc. for propagating messages regarding important social issues, environmental awareness, gender sensitivity etc. (v) Essay writing, story writing, declamation contexts. (vi) Programs for moral and spiritual development of students. (vii) For holistic development of the students, sport's infrastructure be strengthened and cultural activities should be intensified. To give exposure to hidden intrinsic and innovative artistic talents of the students "Yuva Mahotsava" should be organised.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|-----------------|-----------------|-----------------------|----------|---|-------------------|
| Instrumentation | Nil | 26/06/2020 | 10 | Students were made aware about Polymerase Chain Reaction (PCR) , High Performance Liquid Chromatography (HPLC), Spectrophotometer and Instruments used in Microbiology. | In Industry |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| Nil | 0 | Nil |
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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 | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|---------------------------|---|
| Nil | Fill previous Year Report | Nil |

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

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 120 | Nil |

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 |
|---------------------|----------------------|-----------------------------|
| Nil | 26/06/2020 | 120 |

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1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|-------------------------|-------------------------------|---|
| BLibISc | Indexing and Cataloguing | 25 |
| BBM | Marketing and Finance | 130 |
| BCA | Language and Programming | 120 |
| BEd | Teaching Internship | 44 |
| BSc | Biochemistry and Microbiology | 74 |
| MBA | Marketing and Finance | 60 |
| MSc | Electronics | 64 |
| MCA | Language and Programming | 60 |
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

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

Feedback Obtained

Feedback obtained through various sources (stakeholders) are processed and analysed meticulously, modifications and rectifications. Feedback are obtained through various stakeholders (i) Students (ii) Teachers (iii) Alumni (iv) Parents (v) Staffs. Questions in feedback relate to academic, administrative aspects of the college. These questions cover almost all important areas starting from curricular aspects to teaching, learning and evaluation, student support and progression, infrastructural supports, governance and management. There are separate set of question for each stake holders students, teachers, alumni, parents and staffs. In questionnaire pertaining to teachers, covers important areas like research, incentives, welfare mechanism etc. Alumni are asked to elaborate upon the quality of the education being imparted in their almatater and the status of placements, counselling etc. Suggestions are sought from all stakeholders for further improvement of the college. At present, feedbacks are being obtained offline but online feedbacks forms would be made available shortly. The feedback obtained from various sources are analyzed meticulously in punctilious details. The information derives from the analysis, help in strategic and perspective planning and evaluating the undergoing plans. These help us in identifying and weeding out the problems having deleterious effects on successful implementation of the plans and policies. These also helps in making strategies for quality enhancement in teaching and learning process. Information obtained through feedback helps us in bridging the gap

between deliverance and expectation.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|---------------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| Nil | File enclosed | Nil | Nil | Nil |
| View File | | | | |

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 fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 7434 | 1345 | 134 | 97 | 134 |

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 |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 134 | 82 | 35 | 26 | 2 | 3 |
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In addition to useful practices of student mentoring system, during the time of unprecedented crisis due to Corona pandemic, special cares by appointing large number of mentors to assist students on academic matters and psychological issues were taken. Students were informed through college website names of the mentors in each departments to counsel the students regarding assistance on academic matters, stress, anxiety, loneliness, depression or any other psychological issues during the lockdown period. Through their mentors, students were being monitored and reassured to avoid any kind of stress or panic and issues related to health. Multipronged strategies are adopted for student mentoring and these include: (i) Entrusting Teachers: Although students are free to approach any teachers to seek suggestions on academic matters, personal problems and career guidance, yet one or two teachers in each department are entrusted as mentors for this specific role. (ii) Department of Psychology: Psychosocial and personal assistance to the students are facilitated through the department of Psychology. (iii) Career guidance and Placement Cell: This cell takes initiatives to acquaint the students with tangibles, intangibles and aptitude and skill required for achieving success and shape their career. (iv) Workshops, Seminars: Workshops and seminars are organized for personality development and grooming in soft skills of the students. Eminent personalities from various fields are invited to share their experiences with the students. Through these workshops and seminars students learn essential scruples and aptitude in presenting their curriculum vitae (CV) in an impressive way and also for identifying job opportunities as well as preparations pertaining to interviews. Thus, with the help of college teachers as well as outside experts, academic and career counselling / mentoring are provided to the students. (v) Yuva Mahotsava – Yuva Mahotsava is regularly organized in the college on annual basis. It provides platforms for the students for expressing their hidden talents. Teachers and outside experts guide and mentor students according to their aptitudes and inclinations to participate in various activities which give them public exposure, confidence and to formulate innovative ideas in various fields, like debating, speech, cultural activities, sports, curricular,

cocurricular and extracurricular activities.

| | | |
|--|-----------------------------|-----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
| 8779 | 134 | 1:66 |

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 |
| 104 | 86 | 18 | 7 | 80 |

2.4.2 – Honours and recognition 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 |
|-------------------|---|---------------------|---|
| 2019 | Dr. Subhash Prasad Singh | Associate Professor | Dr. Uma Sai Prakash Chemistry Popularization Award/ Association of Chemistry Teachers, C/o Homi Bhabha Centre for Science Education, TIFR, Mumbai |
| 2020 | Prof . Priti Kashyap | Professor | ????? ???? ???????, ???????????????? ???????? ?????. ??..??.??. ?????- ?????????, ???? ?????. ????? |
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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 | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|---------------------------|----------------|----------------|--|---|
| Nil | File Enclosed | Nil | Nil | Nil |
| View File | | | | |

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

At U.G. level, internal examination in theory papers, practical, presentations on various topics given by the students, are regularly conducted and students are evaluated on based on performances. At P.G. level, CBCS (Choice Based Credit System) is operational since 2012. Every paper has 30 marks for continuous internal evaluation (CIA). Mid semester tests pertaining to CIA consists of MCQ, Short Answer Type and Long Answer Type Question> Besides the internal examinations, students are evaluated on the basis of assignments,

seminars / quiz, attendance, punctuality and conduct. Every department endeavors to make the process more reliable, more comprehensible and transparent to make the evaluation more authentic and credible. On the basis of performances, slow and advance learner are distinguished and adequate attentions are given to slow learner while advance learner are mentioned to undergo in depth studies researches on various advance topics. Even during lockdown period due to pandemic, the process of internal evaluation continued. Online subjective and objective test were conducted and performances of the students were assessed.

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

The academic calendar prepared by the university at the beginning of the session are followed. The university calendar explicitly mentions schedule of academic activities filling up of examination forms and period of examination to be conducted at UG and PG levels along with other activities to be conducted. Based on university calendar the college prepares its own calendar in which, curricular, co-curricular and extra-curricular activities to be undertaken by the college, are accommodate at appropriate intervals of the schedule. Since March 18, 2018, erstwhile Magadh University was bifurcated to create a new university called Patliputra University with headquarter at Patna. Our college is presently a constituent unit of Patliputra University but in the matters of examinations, it is associated with both universities. Both universities are striving hard to streamline the delayed sessions under the guidance of the Governor’s Secretariate, Patna Bihar. But due to unprecedented crisis since March, 2020, the planned academic schedules and efforts for streamlining have gone haywire. Anticipating it, the college planned its schedule for academic and co-curricular activities and subsequently routines for online classes were prepared in all departments and teachers began to upload digital contents on website and started to engage online classes. Other activities like webinars, workshops, FDPs, SDPs, Quiz contests, online celebration of important events etc. are being conducted in full swing.

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)

https://www.ancpatna.ac.in/Menu/NAAC/naac_AQAR.php

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|---|----------------|--------------------------|---|---|-----------------|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

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)

https://www.ancpatna.ac.in/Menu/NAAC/agar_meetings/Student%20feedback%20analysis%202020.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 year |
|----------------------------|----------|----------------------------|------------------------|---------------------------------|
| Interdisciplinary Projects | 1095 | DST UKERI | 6282808 | 3430608 |
| Interdisciplinary Projects | 730 | DST WTI | 15500000 | 6742000 |
| Major Projects | 1460 | UGC DAE | 986400 | 246600 |
| Major Projects | 1095 | UGC | 1320000 | 430000 |
| International Projects | 2190 | DST NWO WORTO | 450000000 | 3000000 |
| No file uploaded. | | | | |

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 |
|---|--------------------------------------|------------|
| Impact of COVID-19 Lockdown on Environment | Department of Environmental Sciences | 04/05/2020 |
| Global Politics- Economic Impact of the COVID 19 with regard to India, US and China | Department of Political Science | 09/05/2020 |
| COVID-19: Lessons to be Learnt | Department of History | 14/05/2020 |
| Role of youth in fight against COVID-19 in Bihar: Protecting oneself and positively contributing to help others | Department of Sociology | 21/05/2020 |
| Covid-19: Therapeutics, Vaccination and New Normals | Department of Biotechnology | 28/05/2020 |
| Internet of Sound: How sending data using sound waves can transform IOT industry. | Department of Physics Electronics | 01/06/2020 |
| Learning from the past epidemics: A Historical Overview | Department of History | 04/06/2020 |
| Leveraging Technology to outwit constraints of Lockdown: E-Learning through Spoken Tutorial. | Department of Computer Application | 07/06/2020 |
| ?????? ??????? ? ???? ???????????? ????? | Department of Philosophy | 16/06/2020 |

| | | |
|---|-----------------------|------------|
| Application of Machine Learning in Environmental Management | Department of Physics | 27/06/2020 |
|---|-----------------------|------------|

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

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|-----------------|-----------------|---------------|----------|
| No Data Entered/Not Applicable !!! | | | | |
| No file uploaded. | | | | |

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

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|---|------|--------------|----------------------|--------------------|----------------------|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|---|----------|---------------|
| No Data Entered/Not Applicable !!! | | |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Biotechnology | 2 |
| Geography | 1 |
| Economics | 1 |
| English | 1 |
| Philosophy | 1 |
| Botany | 1 |
| Political Science | 1 |
| Physics | 1 |
| Sociology | 1 |
| Mathematics | 1 |

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

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|-------------------|------------|-----------------------|--------------------------------|
| International | Physics | 3 | 3.1 |
| National | Chemistry | 8 | 2.4 |
| National | Botany | 2 | 1.6 |
| International | Botany | 1 | 1.0 |
| International | Zoology | 1 | 6.2 |
| National | Zoology | 5 | 1.0 |
| National | Economics | 1 | 5.5 |
| No file uploaded. | | | |

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference

Proceedings per Teacher during the year

| Department | Number of Publication |
|-------------------|-----------------------|
| Physics | 4 |
| Chemistry | 6 |
| Mathematics | 1 |
| Botany | 3 |
| Zoology | 4 |
| History | 2 |
| Sociology | 2 |
| Economics | 2 |
| Political Science | 3 |
| Geography | 6 |
| No file uploaded. | |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---------------------------|----------------|------------------|---------------------|----------------|---|---|
| Nill | Nill | Nill | 2020 | Nill | Nill | Nill |
| View File | | | | | | |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---------------------------|----------------|------------------|---------------------|---------|---|---|
| Nill | Nill | Nill | 2020 | Nill | Nill | Nill |
| View File | | | | | | |

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

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 4 | 16 | 34 | 46 |
| Presented papers | 2 | 5 | 7 | 3 |
| Resource persons | 1 | 4 | 10 | 22 |
| No file uploaded. | | | | |

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 participated in such activities | Number of students participated in such activities |
|-------------------------|--|--|--|
| | | | |

| | | | |
|----------------------------------|--|----|-----|
| Periodic Table Campaign | Department of Chemistry | 8 | 250 |
| Speech Competition | NSS | 2 | 5 |
| Quiz Programme | NSS | 2 | 10 |
| Covid Awareness Programme | NCC and NSS with District Administration | 2 | 22 |
| Awareness Program on Environment | NSS | 24 | 180 |
| Plantation | NSS and NCC | 3 | 10 |
| Blood Donation Camp | NSS | 12 | 10 |
| No file uploaded. | | | |

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 | Number of students Benefited |
|----------------------|--------------------|-----------------|------------------------------|
| Environment | Appreciation Award | Govt. of Bihar | 600 |
| No file uploaded. | | | |

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 participated in such activities | Number of students participated in such activities |
|------------------------|---|--------------------------|--|--|
| Swachha Bharat Abhiyan | NSS and NCC | Cleaniness in the Campus | 18 | 305 |
| Talk on Gender Issue | NSS and Bhimika Bihar | Gender Issues | 2 | 55 |
| Covid-19 Awareness | NSS, NCC and District Administration | Awareness among People | 2 | 12 |
| No file uploaded. | | | | |

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 |
|--|-------------|-------------------------------|----------|
| Review meeting of project NutriSAM at A N College, Patna | 10 | DST, Govt. of India | 1 |
| Workshop | 75 | Bihar Pollution Control Board | 6 |
| No file uploaded. | | | |

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 | Duration To | Participant |
|---|----------------------|---|---------------|-------------|-------------|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

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/Activities | Number of students/teachers participated under MoUs |
|--------------------------------|--------------------|-------------------------------|---|
| Science College, Patna | 04/03/2020 | Academic | 40 |
| Mahavir Cancer Sansthan, Patna | 10/09/2019 | Research and Training Project | 60 |
| Bihar Pollution Control Board | 18/08/2020 | Project and Research | 40 |
| No file uploaded. | | | |

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 |
|--|--|
| 14200000 | 12077015 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---|-------------------------|
| Campus Area | Existing |
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |
| Classrooms with LCD facilities | Existing |
| Seminar halls with ICT facilities | Existing |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Classrooms with Wi-Fi OR LAN | Existing |
| No file uploaded. | |

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 patially) | Version | Year of automation |
|---------------------------|--|---------|--------------------|
| Soul 2.0 | Fully | 2.0 | 2017 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|------------|---------|-------------|------|--------|---------|
| | Text Books | 49942 | 17508656 | 204 | 200000 | 50146 |
| Reference Books | 9876 | 6899119 | 56 | 9412 | 9932 | 6908531 |
| Journals | 46 | 35068 | 8 | 4523 | 54 | 39591 |
| CD & Video | 490 | 40978 | 22 | 2429 | 512 | 43407 |
| No file uploaded. | | | | | | |

4.2.3 – 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 |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| 00 | 0 | 0 | Null |
| No file uploaded. | | | |

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 357 | 8 | 3 | 2 | 1 | 20 | 34 | 60 | 6 |
| Added | 16 | 1 | 1 | 1 | 1 | 0 | 0 | 40 | 1 |
| Total | 373 | 9 | 4 | 3 | 2 | 20 | 34 | 100 | 7 |

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

| |
|----------------|
| 100 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 |
|--|--|
| No Data Entered/Not Applicable !!! | |

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 |
|--|--|--|--|
| 8500000 | 7458115 | 8000000 | 7254112 |

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)

2019-20 has two distinct phase (i) one from July 2019 - February 2020 in which physical infrastructure and physical academic facilities played dominant role and (ii) the other during Lockdown period in which digital platform proved their immense significance and utility. Physical facilities and academic facilities form the integral part for effective implementation of the curriculum through quality teaching and learning process. The Principal, Routine incharge in consultation with HoDs strive to provide conducive ambience by allocation of spaces, classrooms, laboratories, access to computers etc. to different departments along with adequate infrastructural support for carrying out curricular, cocurricular, extracurricular and research activities. Each department has its own classrooms in which lectures are delivered. Practical subjects like Physics, Chemistry, Botany, Zoology, Electronics, Environmental Sciences, Environment and Water Management, Biotechnology, MCA, BCA, MBA, BBM, Geography, Psychology etc. have their own laboratories/computer labs and these facilities are optimally utilized as per the requirements. Common facilities like sports, separate common rooms for boys and girls, canteen etc. are made available to all. With the permission of sports incharge, sport's field, sports kits are given to students for sports activities. Each department conducts classes as per the routine and the curriculum in its allocated space. Expert departments are assigned the jobs of imparting teachings in Ability Enhancing Compulsory Courses (AECC), Ability Enhancing Courses (AEC) and Generic Electives (GE). The library has a Library Advisory Committee along with Profincharge library. The college has a Central library along with seminar library in each departments and student can avail the facilities by showing IDs issued by the college/department and adhering to rules/procedures of the library. Service is provided to the students at "book issuing and return" counter. In Hall of boys and girls, magazines and newspapers are also displayed. Helps are rendered by library staffs in locating books, journals and reference books. Computers are installed at various laboratories, departments, library, administrative offices, international office, Language Lab, Placement and Guidance Cell etc. and these are used by students during computer practical, online studies etc. with the proper permission of the departmental authorities/ incharge of computer labs. All the departments and laboratories including Library have computers and printers with WiFi facilities and these are accessible to students through proper permission of the authorities. Each department has KYans (projector cum computer) which enables ICT teaching and learning process. The college strives assiduously to evolve policies and strategies that promote participation of students in curricular, Cocurricular and extracurricular activities. The policies and strategies adopted by the college for maintaining and utilizing physical and academic facilities are (i) Augmenting and expanding infrastructures for laboratories, classrooms, sports etc. (ii) Organizing cultural events, games and sports, Yuva Mahotsava, Quiz competitions, Seminar workshops etc. (iii) Proper allocation of funds for enhancement, maintenance of infrastructure and its optimum utilization. (iv) Acquisition of funds from state, central governments and other funding agencies for augmenting and expanding infrastructure During unprecedented situation due to COVID -19 pandemic, digital platforms, digital contents, online lectures etc. were only options

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 | Poor Boys Fund | 24 | 54000 |

| | | | |
|--------------------------------------|----------------------------------|------|---------|
| Financial Support from Other Sources | | | |
| a) National | Scholarship Under Various Scheme | 1102 | 5694000 |
| b) International | 0 | Nil | 0 |
| No file uploaded. | | | |

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 |
|---|------------------------|-----------------------------|--|
| Yoga and Meditation | 04/02/2020 | 50 | Yoga Centre, Patna |
| Counselling and Mentoring | 05/11/2019 | 450 | Placements Cell |
| Remedial Coaching | 10/09/2020 | 350 | Social Science and Science Departments |
| Language Lab | 02/07/2019 | 60 | Language Lab |
| Communication Skills | 12/09/2019 | 60 | Department of English |
| No file uploaded. | | | |

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 for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|-------------------|--|--|--|--|---------------------------|
| 2019 | Objective Test Exam like Banking, SSC, Railway | 42 | 250 | 12 | 12 |
| 2019 | State and Centre Civil Services Exam | 9 | 120 | 5 | 5 |
| 2019 | NET | 10 | 60 | 5 | 2 |
| 2019 | JAM | 15 | 60 | 10 | 10 |
| No file uploaded. | | | | | |

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 | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 300 | 300 | 20 |

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 |
| Various Pharmaceutical Companies | 200 | 11 | Various Software and Marketing Companies | 120 | 10 |
| No file uploaded. | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|-------------------|--|--------------------------|--|----------------------------|--|
| 2019 | 654 | A N College, Patna | Department of Science, Social Science and Humanity | A N College, Patna | Science, Social Science and Professional Courses |
| 2019 | 524 | Different Colleges | Science, Social Science, Humanity and Professional Courses | A N College, Patna | Science, Social Science, Humanity and Professional Job oriented Course |
| No file uploaded. | | | | | |

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 | Number of students selected/ qualifying |
|-------------------|---|
| NET | 5 |
| CAT | 42 |
| Civil Services | 5 |
| Any Other | 235 |
| No file uploaded. | |

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

| Activity | Level | Number of Participants |
|-------------------|---------------|------------------------|
| Cricket | Inter College | 15 |
| Basketball | Inter College | 12 |
| Kho Kho | Inter College | 3 |
| Cricket | University | 6 |
| Basketball | University | 7 |
| Shooting | State | 2 |
| No file uploaded. | | |

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/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|-------------------|--------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2019 | Shooting (Bronze Medal) | National | 1 | Nil | 29 | Ranjan Kumar |
| 2019 | Shooting | National | 1 | Nil | 52 | Shaurya |
| No file uploaded. | | | | | | |

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

There is fair representation of students in various bodies, committees, various cells in this institutions presence of students in various committees help teachers and administration in assessing requirements, implementation and monitoring. Activities of the student council and representatives of students on academic and administrative bodies/Committees of the institution. The following academic and administrative bodies have students representatives: (i) IQAC (ii)AntiRagging Committee (iii) Student Union (iv) Administrative wings of NCC and NSS (v) Various societies (vi) Placement and Guidance Cell. The college has active student union whose members are elected. The student union of the College has been allocated a separate room with requisite facilities. The representative character of students union defines its roles and responsibilities. It is a facilitator between college and the students. It raises the issues of the students at various platforms and in the committees of the college and senate of the university. It helps in maintaining disciplines, organizing seminars, workshops, cultural activities like Yuva Mahotsava, holding of annual sports etc. The student representatives reflect their presence in each of the committees responsible for holding above events. Students representatives also record their presence in IQAC of the college Through inclusive and representative character of IQAC, participation of students are ensured in planning the policies, strategies for development of the college are ensured. Their voices are attentively heeded by the authorities concerned and issues raised by them are effectively addressed. The presence of students in Antiragging committee is helpful to curb ragging and to maintain discipline in the campus. Similarly, the presence of student's representatives in placement Guidance Cell, administrative wings of NCC and NSS is of immense help in exploring job awareness, holding campus placements, organizing students for extension activities, green initiatives, social services, awareness campaigns, gender sensitivities etc. Students played exemplary role in successful organisation of State Inter University Cultural Festival Program in November-December-2019. Even during the Lockdown students played commendable roles in contacting students, forming different Whatsapp groups, launching awareness programs, making masks, controlling crowds

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association of the college takes interest and contribute positively in the developmental activities in the college. Rajyasabha Member Shri R.K. Sinha being President and Life Time Member, takes due interests in developmental activities. Even during the Lockdown, Alumni Association online meeting was

held on 25th July, 2020. A N College, Patna has registered Alumni Association. Election is held every two year for office bearer and constitution of executive committee. It has well charted memorandum of association and it is conducted by the rules framed therein. Alumni get registered through college website and in addition to it they are well connected to teachers and other alumni through various whatsapp groups, facebook, twitter etc. They actively take interest in the affairs of the institutions and offer valuable suggestions. They help their junior students in making choices for career and guide them accordingly. The also participate in various campaigns like environmental protection and preservation, road safety, energy conservation etc.

5.4.2 – No. of enrolled Alumni:

270

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

4

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 (maximum 500 words)

Two phases of 2019-20 session (i) one before break pandemic and (ii) the other during Lockdown period, reflected comprehensive participative management and coordination among Principal, teachers, staffs students and stakeholders. The college accrued full advantage of it, especially during Lockdown period in managing online classes and large number of programs. Teachers, staffs and students are members of various committees and are involved in decision making process which renders it participatory in nature. This helps in improving the effectiveness and efficiency of institutional process. The college promote a culture of participative management Through deliberations and interaction with teachers, staffs, various committee member and students, the college leadership encourages the decentralization and participative management. Discussions and deliberations are made both statutory and nonstatutory committees faculty members play an active role in management of academic as well as developmental activities. Regular meetings of HoDs and various committees are held, therefore, all members participate in decision making process, therefore, it inherently makes the management participative in nature. Entrustment of responsibilities to HoDs, Bursars, IQAC, ensures decentralization and participative management in dispensation of academic, administrative and financial works. The two glaring and outstanding examples of decentralization and participative Management during the last year are (i) Library Management and (ii) Management of cultural activities (i) Library Management: The library has an advisory council which through profincharge Library, librarian, library staffs and same students BLIS(Bachelor of Library Science) functions in coordinated manner ensuring decentralization and participative management. The library committee/advisory council, through feedbacks of the students and library staffs takes the decision for procurement of new books, journals etc. on the basis of the decision of the library committees comprising of profincharge, Librarian, senior teachers and the Principal as Head of the committee, books, journals, magazines, newspapers etc. are procured or purchased. Some brilliant students of BLIS help in managing the library activities including operations of seminar libraries in the departments. They are paid some amount for the services they render. This is a glaring example of

"Earn while Learn" and also ensures participative management of the Library.

(ii) Management of Cultural Activities: The college endeavors for holistic development of its students. By organizing "Yuva Mahotsava" it provides platforms to give exposure to hidden intrinsic and innovative artistic talents of the students. Last year Yuva Mahotsava was organized in which various events like Dance (folk/classical), Music (Classical, Semi Classical, Light Vocal etc.), Instrumental performances, one act play, debate, elocution, painting, rangoli, science exhibitions, poster exhibitions etc. were held. A committee comprising of Head of the Institution, teachers, staffs and students assisted by subcommittees for different events were constituted. In order to ensure decentralization and participative management, each subcommittee had adequate representation of teachers, staffs and students and these were given autonomy to take policy decisions for the events assigned to them. These subcommittees through involvement of the student representatives acted and coordinated in an efficacious manner and ensure success of "Yuva Mahotsava".

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|--------------------------------------|---|
| Industry Interaction / Collaboration | <p>Industry interaction and collaborations facilitate exchange of knowledge and technology and also helps in placements of the students. This plays a crucial role in achieving economic growth in a knowledge based society. The placements and guidance cell of the college and department of Management invites prominent people from industries, corporate house etc. and facilitate interaction with the students as part of quality improvement and employment strategies. Some of the measures in this frequency of industry academia interface and interactions. Onsite visits of industries as part of the projects for comprehensive learning of the process and management systems. Organising workshops / seminars with the industry experts. Entering into collaboration</p> |
| Human Resource Management | <p>Human Resource Management is very significant for smooth and effective running of the college. It helps us to achieve our objectives and plays a pivotal role in inculcating positive attitude in teachers and staffs and also facilitates professional growth. The quality of human resources dictates the success of an organization. Effective Human resource management gives competitive edge and maximizes employee performance. Strategies for quality</p> |

improvements in human resources management include: (a) Strategic management and optimum utilization of human resources. (b) Minimizing staff attrition rate and improving retention rate. (c) Providing requisite facilities to staff and teachers. (d) Welfare measures like Group Insurance etc. (e) Strategic planning to integrate individual's organisational goals. (f) Maintenance of amicable and cordial relations between management and employees.

Library, ICT and Physical Infrastructure / Instrumentation

Library, ICT and physical infrastructures are essential ingredients and facilitations for smooth and effective dispensation of academic and other coerellated activities. The Covid 19 pandemic crisis has also taught a lesson to adopt new normals in which strengthening expansion and utilization of digital infrastructures would be essential components of effective curriculum Library, ICT and Physical Infrastructures/ Instrumentation Significant initiatives have been taken by the Library Advisory Committee to these include: (a) Classification, cataloguing and automation of library render the library user friendly and these include (b) Implementation of Soul 2.0 software of INFLIBNET (c) Purchase of new books, subscription of journals, magazines and ejournals (d) Making provisions for separate Boys and Girl's Reading Hall (e) The process of cataloguing, classification and automation of departmental seminar libraries located in different departments are being carried out. To keep pace with changing trends in software and hardware, the college endeavors to update and upgrade IT infrastructures. Weeding out of old and outdated computers and replacement by new computers are regularly carried out. The campus is WiFi enabled, therefore classrooms have facilities for ICT enabled teaching and learning process with the help of portable community computer Kyan/LCD projectors. Provisions are made in annual budget for procurement, upgradation, deployment and maintenance of computers. AMC are made every year for upkeeping and maintenance of computers. The policy of the college is to provide

and create essential infrastructures to support quality education and to provide conducive ambience for teaching and learning. Funds are properly allocated for enhancement of infrastructures and their optimum utilization. Attempts are made for acquisition of funds from state, central and other funding agencies for augmenting and expanding infrastructures.

Research and Development

Anugrah Narayan College, Patna is premier college in Bihar where teaching and research capabilities are concomitantly being developed. There are many international and national projects undergoing in the college. Various steps are being undertaken to enhance and expand Research and Development activities: a) The Central Instrumentation Facility is being strengthened and augmented. b) Teachers and researchers are encouraged to make efforts for acquisition of projects. c) Research committee of the college assist young teachers in implementing protocols for research applications to different funding agencies. It liaisons with the college International office in matters of International research collaborations, exchange programs and student internship. d) The college is striving hard to provide adequate infrastructures to promote researches in Science, Social sciences and Humanities. e) Many meritorious final year students are being involved in funded research projects. f) Attempts are being made to evolve formulation of research projects with teacher and student exchanges, joint publications and preparation of networks for facilitating collaborations, international/ National linkages. g) The Principal Investigators are being granted autonomy. Timely release of resources/ funds enable PIs to maintain project implementation time line as approved by funding authorities. The process of applying some major projects continued even during Lockdown period

Examination and Evaluation

Lesson learnt in theory and practical classes form a major ingredient of the evaluation of the students knowledge. In addition to these students are evaluated through Continuous Internal Assessment, regularity, punctuality,

discipline in the classroom. The college within the scope of the university guidelines tries its best to bring reliability and accountability in the evaluation process. The major reforms initiated by the Chancellor's secretariat and implemented by the university and colleges include: The introduction of Choice Based Credit System (CBCS) in PG since 2018. The evaluation process comprises of two tier systems. (i) Continuous Internal Assessment (CIA) by the departments and (ii) University examinations and evaluation by external examiners. The marks obtained in continuous Internal Assessment based on internal exams, regularity/punctuality, seminars/quiz and conduct of students, are sent to the university and marks obtained in CIA and external examination form the basis for evaluation of the student's performance. Similarly, college conducts internal tests, class tests, oral examination in under graduate classes (UG) also. During the Lockdown period due to pandemic, the process of internal evaluation continued unabated. Subjective and objective tests were conducted for various classes

Teaching and Learning

At the start of the beginning of the session, in the meeting of Heads of the Departments with Principal, detailed plan layout is prepared. Each department plans in detail the time schedule of theory and practical classes based on the number of students, availability of space and infrastructural supports. Besides conventional mode of teaching our teachers adopt various modes of teaching like use of ICT facilities, models, charts and use of laboratories to facilitate "Learning by Doing" in the Laboratory (LBDL). The college organizes different programmes to enhance knowledge, management skills, lifeskills distinct from the course curriculum. Under S. N. Sinha Memorial Lecture series, seminars, workshops, experts of various professions and fields are invited to augment and enhance knowledge base of the students. Science exhibition, poster exhibitions, debates etc. enable students to show their creativity and innovative ideas. The campus is WiFi enabled and the students have access to it. The

students are exposed to the latest developments in the fields of their choice. The teachers act as facilitator and motivator while the students acquire advanced knowledge on their own initiatives. Even during the Lockdown, teaching and learning as well as other academic programs were run in full swing under the trying circumstances with the help of Core IQAC members, teachers staffs and students of the college.

Curriculum Development

The college is a constituent unit of Patliputra University UG curriculum is prepared by the university and a large number of teachers are members Board of studies/syllabus committee and thus play pivotal role in restructuring/revising curricula of various subjects. For postgraduate classes under CBCS scheme, courses of studies were prepared under the supervision of Governor's secretariat. A sizable number of teachers from this college were on the panel of the syllabus committees for various courses and have contributed significantly in updating, modifying, restructuring the syllabi as per the contemporary needs of the students/industries and corporate sectors.

6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area | Details |
|-------------------------------|---|
| Planning and Development | Initiated after lockdown |
| Administration | Tender for MIS floated but due to Lockdown could not be finalized. |
| Finance and Accounts | Tender for MIS floated but due to Lockdown could not be finalized. |
| Student Admission and Support | At the behest of the Governor's Secretariat, Bihar, admissions at U.G. and P.G. levels in conventional as well as vocational / professional courses are done at university level. For admissions, applications are invited online and after scrutiny, the selection list is also uploaded online. A link is also provided to the college. Through the link. We assess the number of applications submitted for each course of the college and the number of students selected through number of choices each student has exercised / enlisted and performance in entrance tests in the subjects / course which he / she wishes to undertake. All of the |

informations are downloaded and saves. It helps us in analyzing the popularity / states of a particular course and also in envisaging further strategies for improvement. Since each students has to provide his / her details such as Father's / Mother's Name, Category, Qualifications, Address, Gender, email, mobile No. etc., therefore, a comprehensive information about the student is stored which can be retrieved as and when required.

Examination

Examination forms are also filled online. The university provides a link to the college and the college authorities after proper verifications give approval. From thus, we get the list of appearing students. All information pertaining to examinations are provided online. Results / outcome of the examinations are also given online. The data captures related to examinations, facilitate analysis of the outcomes / result and help us in strategizing the course of corrections for further improvement.

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/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|-------------------|------------------|--|--|-------------------|
| 2019 | Dr. Seema Sharma | CSIR, New Delhi and UGC DAE, Indore | CSIR, New Delhi and UGC DAE, Indore | 19265 |
| No file uploaded. | | | | |

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 organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|-------------------|--|---|------------|------------|---|---|
| 2020 | Source a ppointment of ambient air pollution | Software Training | 25/02/2020 | 26/02/2020 | 15 | 10 |
| No file uploaded. | | | | | | |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher

Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|------------|------------|----------|
| Python | 42 | 25/06/2020 | 09/07/2020 | 15 |
| "R" Programming | 35 | 08/06/2020 | 17/06/2020 | 10 |
| SCILAB XCOS | 55 | 22/05/2020 | 02/06/2020 | 11 |
| The Latex and X-Fig | 15 | 11/05/2020 | 17/05/2020 | 7 |
| No file uploaded. | | | | |

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 6 | 6 | Nill | 3 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|--|--|---|
| General Provident Fund and Group Insurance | General Provident Fund and General Insurance | Poor Boys Fund, Full and Half Free ship, Full Exemption of fee to SC, ST and Girls Students |

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Financial Management in an efficacious manners and due diligence is an important factor for successful running of an institution. Mobilization of resources is key to financial viability. The Core IQAC team headed by the Principal of the college along with other officials endeavour hard to acquire financial assistance from the government and other funding agencies. The income and expenditure are monitored by Bursar (Income), Bursar (Expenditure and the Accountant headed by the Principal. IQAC plays important role in planning, implementing, monitoring of different projects. Proposals for developments are approved by the Development cum Building Committee and proposals pertaining to purchase are approved by the "Purchase Committee" of the college. All financial rules and regulations are properly followed. Internal audits are done annually after the end of financial year. Audit of all accounts including vocational / professional departments are carried out. In case of salary and developments grants, the college prepares budget for the forthcoming year and sends it to the university. It is duly approved by the Syndicate at the university level and then sent to the Education Department, Govt. of Bihar. The State Government after scrutiny and approval sends the budget of all universities of Bihar to the Bihar Legislative Assembly, where it is passed and thereafter, grants are released by the State Government.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|---------|
| Not applicable | Nill | Nill |

No file uploaded.

6.4.3 – Total corpus fund generated

10000000

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 | Authority |
| Academic | No | Nil | Yes | IQAC |
| Administrative | No | Nil | Yes | IQAC |

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Building strong relationship with society for conducive ambience. 2. Suggestions for development and improvement of Academics. 3. Cooperation in maintaining discipline in the campus

6.5.3 – Development programmes for support staff (at least three)

1. Conducive environment for professional development and staff upgradation 2. Imparting digital training 3. Helping in acquisition of administrative skills and financial management.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Mobilization of resources for physical and academic infrastructure development. 2. Participation of NIRF and India Today's ranking 3. STAR College Scheme from Department of Biotechnology, Govt. of India

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Yes |
| 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 IQAC | Duration From | Duration To | Number of participants |
|------|------------------------------------|-------------------------|---------------|-------------|------------------------|
| 2019 | Nil | Nil | Nil | Nil | Nil |

[View File](#)

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 | Period To | Number of Participants | |
|-------------------------|-------------|------------|------------------------|------|
| | | | Female | Male |
| Womens Empowerment Talk | 06/11/2019 | 06/11/2019 | 50 | 30 |

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

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

The college is conscious of its responsibility for preserving and sustaining the environment. The students of Environmental Water management and Environmental sciences are accorded projects to carry green audit so that the natural resources are optimally used. They carry air monitoring, water monitoring, waste and energy audit etc. The "CLEAN CLAN" society formed by the students of MBA have also shown its unflinching resolve for preserving the heritage and environment • The energy is conserved by making optimum use of electricity. The campus street lights have been replaced with solar vapor lamps, LED bulbs. • Some street poles have solar vapor lamps. The efforts are being made to install solar panel on roofs of some building in shadow free zone. • Many buildings like technical block have water harvesting units. • The college has plain topology therefore construction of check dam is not required. • The college campus is green and every year trees are planted and botanical gardens of the college helps in reducing the carbon. • The college has a number of vermicomposting units and a phytoremediation unit to manage waste management. • At our place, there is no Centre for disposal and recycling of e-waste.

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-------------------------|--------|-------------------------|
| Physical facilities | Yes | 10 |
| Ramp/Rails | Yes | 10 |
| Rest Rooms | Yes | 12 |
| Scribes for examination | Yes | 25 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|-------------------|--|--|------------|----------|----------------------|--|--|
| 2020 | 5 | 4 | 18/09/2020 | 30 | College to Community | Health, Sanitation, Child Education, Environmental awareness, Womens Empowerment | 502 |
| No file uploaded. | | | | | | | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|----------------------------|---------------------|---|
| Regularity and Punctuality | 01/07/2019 | As per university rule, 75 attendance of all the classes held in the respective departments is mandatory to appear in |

| | | |
|--------------------------------------|------------|---|
| | | the university examination of the year |
| Prohibition of Ragging in the campus | 01/07/2019 | Ragging is a criminal offence. Any student found guilty of ragging will face stringent legal and / or punitive action as per UGC and university guidelines. |
| Gender Equity | 01/07/2019 | Any case of gender harassment in the form of eve teasing and threats of harassment will be dealt with strictly. |
| Prohibition of Communication Device | 01/07/2019 | Use of mobile phone is restricted in the classroom |
| Plastic Free Campus | 01/07/2019 | Use of single use plastic in the campus is prohibited |
| Tobacco Free Zone | 01/07/2019 | Tobacco is completely prohibited in the campus |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---|---------------|-------------|------------------------|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Green Audit 2. Plantation 3. Rain Water Harvesting 4. Vermi Composting 5. Initiative for Environmental Protection and Hygiene

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Directing Youthful Exuberance towards Welfare of the Society: Youths are future of the Nation and their prodigious amount of energy, enthusiasm and exuberance can be purposefully directed towards Welfare of the Society. This is accomplished through meticulous planning of NSS and NCC wings of the College. Besides launching awareness programs on various issues of social and environmental significance, plantations, blood donation camps, organising free health check-up, gender issues, NSS and NCC volunteers work with community to solve their problems and mitigate their sufferings. Even during the pandemic period, our students became active in their surrounding neighborhoods to help people belonging to different strata of Society. NSS volunteers helped different branches of Banks in maintaining Social distancing, assisted the administration in managing migrant labourers coming from different parts of the country and worked in close unison with the Government. NCC volunteers besides preparing masks, also helped the district administration in controlling traffic at various points of the City. The College endeavours hard to inculcate and embed the sense of social responsibility towards the holistic development of the society. Therefore to address this issue, various initiatives are undertaken by the College to impart trainings and envisage programs for welfare of the society. Such initiatives enhance self-confidence and alacrity among the students towards works of amelioration in the society. 2. Nurturing the

potential of students and empowering them to build future for themselves :

Students are greater resource with enormous potential of bringing transformation in the society. They are not only the means for development of financial prosperity but also a vector of Social Change. We strive our best to encourage our students to take charge of treading tumultuous path on their own by transforming their attitudes, beliefs, strengthening their self- esteem, self- efficacy and confidence. This is achieved through several channels like exchange programs, extension activities, workshops, seminars, creating opportunities for learning critical skills on their own, interaction with industry and academia, assigning projects, involvement in various researches, field works etc. Students are facilitated international exposures through various international linkages and exchange programs. We believe that our students should be equipped with essential scruples and adroitness to compete in diverse global environment. Through Spoken Tutorials of IIT Mumbai and other digital platforms , they are imparted specialised training in soft skills etc.

Depending on their inclination , students also get trainings in research projects. Extension programs conducted by NSS, NCC and Research projects also instill confidence and skill to work in unison with Society. Workshops ,seminar, panel discussions , speech completions, organised on our own and in collaboration with industries, NGOs, Government Organisations, Research Institutions etc.inspire and encourage our students to for innovation and entrepreneurship. Teachers play a vital central role in creating learning opportunities, achieving ambition and excellence, offering differentiated opportunities to students.

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

https://www.ancpatna.ac.in/Menu/NAAC/naac_AOAR.php

7.3 – Institutional Distinctiveness

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

Our vision statement delineates and nurture hopes that students of our college would have knack for solving growing demands of the society, germinate innovative ideas and would model environment to face global sustainability challenges. We believe that “We can build youth for future” In consonance with the above statement our R D activities are oriented towards amelioration of the society through arsenic and fluoride mitigation strategies in drinking water of Bihar and extension activities. The ultimate goal of meaningful scientific researches and efforts are to solve societal problems and to develop and model technological and scientific marvels towards benevolence of the society.

Arsenic and fluoride contaminations in drinking water are rampant and wide prevalent in Bihar. Following essence of the Vision and Mission statement, the college has focused its R D activities towards the benefits of the society. An international project entitled “Project INNOWATEREvolvement of Novel and Rapid Monitoring sensor in rural settings of Bihar” is a novel attempt in this direction. The Mitigation strategies pertaining to Arsenic and Fluoride contaminations have been widely acclaimed nationally and internationally. The college has installed an Arsenic filtration unit to be operated through solar energy in Maner Block of Patna district. DSTNIAS sponsored project on “Community based technological solution for providing safe drinking water to Arsenic exposed population in GangaMeghnaBramhaputra Delta” has contributed immensely in improving the water quality in this region. At Maner Block in Patna district, Villages have been immensely benefited from the clean water that is now pumped from deep borewells that were dug for understanding hydrology of the arseniferrous aquifers. After close monitoring and comprehensive testing and declared safe, these hand pumps were donated to

villagers in consultation with our international research partner, TU, Delft, The Netherlands. These now serve as safe water sources. Similar processes have been carried out in case of Fluoride contamination, in Nawada district of Bihar. With locally available herbs, attempts have been made to make available fluoride free drinking water. Simultaneously, awareness campaigns on clean drinking water are being carried. The action, research has become mutual learning platform for academia and "laboratory has been extended to local population" to solve societal problems. In this was our endeavored to motivate teachers, researchers and students to undertake innovative academic pursuits that meets the humane and societal demands are on the road to success.

Provide the weblink of the institution

<https://www.ancpatna.ac.in/>

8.Future Plans of Actions for Next Academic Year

A. N. College Patna through its persistent efforts continue to make inexorable march towards attainment of its goals to provide quality education, develop requisite infrastructures, equip students with essential scruples and skill to compete in diverse global environment and to achieve excellence in higher education. The College is striving hard to provide holistic education to its students and is assiduously working for providing conducive academic ambience with adequate support structures for curricular, co- curricular and extra curricular activities. Alongwith teaching and learning, the College is grooming and nurturing Research, Innovation and Extension to make substantial contribution to societal progress, amelioration and benevolence. We intend to ensure fair accessibility and affordability of quality education to our students. Future plan for next academic year outlining actions is as follows: 1. To expedite the construction of Auditorium and Multipurpose Building. Multi purpose building will also have four to five conference halls. Alongwith auditorium, it will be developed as Conference hub. 2. To expedite the construction of the second storey of examination halls. 3. The work of boundary walls being erected will be accelerated. 4.To follow up and expedite the establishment of a new Computer Centre and to convert it into a community Computer Centre. 5. To facilitate MOOC and certificate courses like Coursera, IIRS- ISRO, Spoken Tutorials, SWAYAM, etc. to students. 6. To facilitate more FDPs and SDPs, on cutting edge technologies and contemporary issues to teachers and students respectively. 7 . To organise workshops, seminar, conferences, debates, quizzes, poster exhibitions etc. 8. To expedite the process of finalizing CMIS, RFID, which got delayed due to Lockdown. 9. To intensify Extension activities to reach large masses 10. To intensify plantation of medicine and useful plants like Neem trees etc. and to organise more and more eco-friendly activities pertaining to green initiatives. 11. To renovate gardens and fields and to construct more water harvesting units, drain systems. 12. To strengthen further the Alumni Association. 13. To increase frequency of Industry - Academia interactions for enhancing employability of the students. 14. To enhance research facilities and acquisition of more projects. 15. To promote sports and cultural activities.