

Action Taken Report 2020-21
30/06/2021

IQAC meeting was held on 30th June, 2021 at 12.30 pm in the conference hall of the Administrative Block to monitor progress, assess/ evaluate the various activities pertaining to Academic, infrastructural, administrative reforms etc carried out as per the plan of action, chalked out by IQAC and modified time to time as per the exigencies of the unprecedented tumultuous situation due to Covid 19. The meeting was presided over by the Principal of the college Prof. S. P. Shahi. The following members participated in the meeting :

At the very outset, members congratulated the Principal and one another for the splendid feat achieved by the College in India Today- MDRA ranking in which Science Stream of the College got 37th position in all India ranking and 1st position in Eastern region. The following resolutions were taken in the meeting:-

(a) Proceedings of the last meeting were confirmed .

(b) The period of action - taken/ compliance report (2020- 21) has witnessed peak of the first wave of COVID 19 and it's decline to the onset of the second wave wreaking havoc at its crescendo. During this, barring a short span of time more than 3/4th period was ascribed to online teaching and learning as well as cocurricular activities. Keeping in view the fluid, prevailing precarious situation, IQAC modified strategies and endeavoured hard to bring Massive Online Courses with certificates like Coursera courses, IIRS- ISRO courses, NPTEL-SWAYM

courses for students as well as teachers and inclusion of students in NLIST for availing access to e- books and e- journals. Activities carried out by IQAC can be grouped under the following major categories:

1.Academic Initiatives

(i) Online interactive classes were continued to be conducted in full swing. In continuation of our persistent endeavours to augment/ supplement digital initiatives, online interactive classes, uploading of teaching contents in form of lecture notes, video/ audio lectures etc. on college website remained continued. In addition to these ,Webinars, Student Development Programs (SDPs) , etc. on important and relevant topics were run on regular basis. class tests, debates, quiz, etc. were conducted. A large number of video lectures of Seminars and Student

Development Programs (SDPs) were uploaded on Facebook page and You tube channel of the college. For monitoring of online classes being engaged by teachers , two pronged strategies were adopted

(a) Teachers were asked to upload screenshots of the classes engaged on faculty whatsapp groups of their respective departments to be monitored by the concerned HoD.

(b) Teachers were also asked to upload screenshots their classes on a specially designed web portal containing data of students and teachers. For this teachers as well as students were provided the following link :

<http://anccpatna-001-site1.itempurl.com/SignIn.aspx>

weekly reports of the classes engaged were also sent to the University.

- (ii) **Webinars/ Seminars/ Webseries lectures 29th July 2020- 30th July 2020 - National Webinar in Collaboration with Indian Council of Historical Research (ICHR) on the theme "Technology and Sustainable Development: The Way Forward during COVID TIMES" 7th September,2020** - 16th webseries lecture by Dr. Rajiv Ranjan on "Biharvasiyon ka corona se bachaw ewam upchaar".
- 9th February, 2021**- webinar in association with Association of Chemistry Teachers (ACT) on the topic " Empowering Diversity in Science".
- 21st May, 2021**- Webseries II Lecture 1 on the topic " Pandemic: The Second Wave and its Impact " by a panel of doctors of HMRI Hospital ,Patna.
- 26th May, 2021**- Webseries II Lecture 2 on the topic " Good Governance in the Present Context" by Dr. Anil Dutta Mishra, Treasurer IIPA, New Delhi.
- 4th June,2021**- Webseries II Lecture 3 on the topic " Water in Buddhist Ecology: From Cosmology to Corporeal " by Prof. Anand Singh, Nalanda University.

(iii) S. N. Sinha Memorial Lecture Series

- 20th July,2020**- 15th lecture on the topic " Challenges before Higher Education in India " by Prof. Rash Bihari Singh, Ex Vice- Chancellor, Patna University.
- 27th August, 2020**- 16th lecture on the topic "RAMRAJYA as a Global Socio-Political System for 21st Century " by Prof. Balram Singh, MIT, USA.
- 11th January, 2021**- 17th lecture on the topic " Strengthening Third Tier of Government: The Way Forward " by Dr. N. K. Singh, Chairman 15th Finance Commission of India.
- 31st May, 2021** - 18th lecture on the topic" India's Emerging Role in Post Pandemic World " by Prof. Arvind Kumar, School of International Studies, JNU, New Delhi.
- 10th June, 2021**- 19th lecture on the topic " Curb the Cause to Cure COVID" by Dr. Abhigyan Satyam, Harvard Medical School, USA.

(iv) A N College Patna on Coursera

A. N. College ,Patna has been associated with Coursera. Coursera is world wide huge educational platform for 5700+ specialized Massive Online Courses (MOOCs) partnering with 200+ top universities of the world like Stanford, Illinois, Yale, Princeton, California, Pennsylvania, Columbia, Duke, Michigan, John's Hopkins, Toronto, Edinburgh, Imperial College etc.

Coursera provides large number of free online courses, which our students can avail. Through hectic negotiations and persuasions, Coursera Administration agreed to allocate a separate page as "A N College Patna on Coursera" and was generous enough to grant free certificates to our students and teachers on successful completion of the course upto 31st December,2020. We also succeeded in procuring access to about 4200 courses. As on 1st December,2020, total course completion with free of cost certificates of the top ranking Universities of the word were 817 in different 117 courses as evident below from the statistics displayed on the website of Coursera:

Total enrolments 3796 Total unique learners 306 Learners who have enrolled in at least one course 306 Current members 328 Removed members 0 Total unique courses 1171 Total course completions 817 Total verified course completions 817 Total unique course

completers 141 Total estimated hours spent 5215 Learners who have completed 50% of a course 163 Learners who have joined the program but have not enrolled in a course 22. Enrolments in Coursera courses are still going on and IQAC of the college succeeded in providing opportunities to the students to avail technological, managerial, skill and job oriented courses of the top ranking universities of the world.

(v) IIRS- ISRO Outreach Programmes

27th July 2020 - 31st July 2020 - Geospatial Inputs for enabling Master Plan
3rd August 2020-7th August 2020- RS Applications in Agriculture Water Management
17th August 2020- 20th November,2020- Basis for RS, GIS and GNSS
17th August 2020- 11th September 2020- Remote Sensing and Digital Imaging
14th September 2020- 25th September 2020- Global Navigation Satellite System
28th September 2020- 23rd October,2020- Geographical Information System (GIS)

(vi) SWAYAM- NPTEL Courses

Students are also availing NPTEL-SWAYM courses in large number. Our College has been designated as Local Chapter of NPTEL-SWAYM. Students of Science, Management, Social Sciences and Humanities are availing opportunities to sharpen their skills.

(vii) Student Development Programs (SDPs)

26th June,2020 - 5th July, 2020- Instrumentation
8th July,2020 -22nd July, 2020 - Chem Collective Virtual Labs in association with Spoken Tutorials, IIT Bombay
8th August,2020- 22nd August,2020- Inkscape in collaboration with Spoken Tutorials IIT Bombay
24th August,2020 - 29th August 2020- Research Methodology
29th August,2020- 4th September,2020- Machine Learning: Logistic Regression
25th May, 2021- 8th June,2021- Web Development using HTML in association with AZTECH Technology and Engineering
1st June,2021- 15th June, 2021- Libre Office Suite Writer 6.3 in association with Spoken Tutorials IIT Bombay

(viii) Faculty Development Program(FDP)

25th June 2020- 9th July, 2020- Python Programming

(ix) Inclusion of students in NLIST

In view of the emerging precarious situation due to unprecedented upswing in covid cases, our students were not able to go to the Library. To circumvent this problem, we explored the possibility of providing e-books to our students. Our College is a member N-LIST, where more than 1.6 lacs e-books and about 6000 e-journals are available. Further, N- LIST is integrated with NDL through proxy server at INFLIBNET centre, Ahmedabad, where about 6.0 lacs e- books are available. We provided a link where students filled up their details and with assistance of IQAC members and library staffs, large number of students were registered. On NLIST website of INFLIBNET, we were ranked among top 10 users.

(x) Ability Enhancing Courses

For imparting teachings in AECC-1 (Ability Enhancing Compulsory Course) for PG Sem-I, Department of Environmental Sciences was entrusted the responsibility.

For imparting teachings in AEC (Ability Enhancing Course)-1 for PG Sem-II , Department of Environmental Sciences was designated as nodal department for Solid waste management and Department of MCA for Computer and IT.

For imparting teachings in AECC-2 for PG sem-III, Prof . Ajay Kumar of Sociology was entrusted the responsibility.

2. Co- Curricular Activities

Alongwith Curricular activities were also carried out regularly with a view to enhance creativity, improve learning experiences, confidence level, skills of the students. The following activities were carried out:

25th July, 2020- Quiz Contest

9th August,2020- celebration of Bihar Diwas

14th September, 2020- Online Program on Hindi Diwas

16th September,2020- National Mushaira

28th February, 2021- Elocution Competition on Science Day

3rd March, 2021- Quiz Competition on World Wildlife Day

8th March, 2021- webinar on the topic " Celebrating Women" on the eve of International Women's Day

20th March,2021- Programs on the eve of World Sparrow Day

22 nd April, 2021- Poster Exhibition, Documentaries, recitation of poems etc. on Earth Day

15 th June, 2021- Online Road Safety Awareness Program by NSS in association with Honda Motorcycle

21 st June,2021- Online demonstration of yogasan on the eve of International Yoga Day by NSS in association with Bihar Rajya Aayush Samiti.

3. Other Events

21st July,2020 - IQAC- Students e- sanvad/ interaction

15th February, 2021- Book Release on IQAC activities by the Principal Secretary, Anugrah Award to teachers for outstanding contributions during Lockdown Education Department, Govt of Bihar

24th February,2021- Felicitation of Superannuated teachers

24th April,2021 - 25th April 2021 - Workshop by IQAC to acquaint teacher with NAAC Accreditation Process

18th June, 2021 - Online celebration of Anugrah Jayanti cum Foundation Day in August presence of His Excellency, The Governor of Bihar

22nd June,2021 - 23rd June,2021- COVID Vaccination Drive for teachers, students and staff of the college, organised by NSS in association with Health Department, Government of Bihar.

4. Strengthening of Research Activities

For strengthening and expanding research , the following steps were taken:

- (a) Acquisition of sophisticated research instruments like XRD (X- ray Diffractometer) for which order was placed
- (b) Teachers were encouraged to acquire projects.

5. Administrative Initiatives

With a view to enhance managerial and administrative efficiency, effective control of the functioning of the college seamlessly with minimum redundancies and data integration, College Management Information System (CMIS) of Master Soft has been brought into force since May, 2021. The broad features of this MIS are: Students Admission, Fee Collection, Students' Record, Employees Payroll, Accounts Management System, Library Management System, Internal Exams, Research Module, SMS, Emails etc. Under the prevailing circumstances when digitisation is a prerequisite for online functioning of an institution, the incorporation of CMIS is an important milestone.

6. Infrastructural Augmentation

Foundation stone of Multipurpose Building was laid in December,2020 and work is going on in full swing, ground and first floor have been built. Second floor of Examination Halls has been completed and in Auditorium, furnishings are going on.

7. Feed back and its Analysis

From meticulous observation of feedback analysis , it is evident that a vast section of students were in agreement with our academic performances and academic initiatives. However, it was resolved that academic initiatives would be more intensive and all inclusive.

It was also resolved that toilet facilities, drinking water facilities, canteen facilities, Xerox facilities in the central library, e- library, use of e- resources, placement cell, scholarship opportunities, maintenance of lab equipment's would be improved, strengthened and augmented.

The meeting ended with vote of thanks by IQAC Coordinator.


IQAC Coordinator


Principal