

PROCEEDINGS OF 1st meeting of Internal Quality Assurance Cell (IQAC) held on 6th February at 10.00 AM in Pinaki Hall at NDRI, Karnal .

The following were present:

Dr. Dheer Singh, Director & Vice-Chancellor	Chairman
Sh. R.P. Singh, Managing Director, Food & Biotech. Engg.Pvt.Ltd.Faridabad	Member
Sh. Deepak Mittal, Assoc. Professor, OP Jindal University Sonipat	Member
Dr. A.K.Singh, JD (Academic)	Member
Dr. Rajan Sharma, JD(R)	Member
Sh. B.D.Phansal , Joint Director(Admn.)& Sr.Registrar	Member
Sh. Jagdish Chander, Sr. F& A.O Rep. of Comptroller	Member
Dr. Sumit Arora, Principal Scientist, DC Division	Member
Dr. Shilpa Vjj, Head, DM Division	Member
Dr. Suneel Onteru, Head, ABC Division	Member
Dr. A. K. Mishra, Principal Scientist, LPM	Member
Dr. B.S. Meena, Principal Scientist, D.Extn.	Member
Dr. P.N. Raju, Sr. Scientist, DT Division	Member
Dr. Naresh Selokar, Scientist (SS), ABT Division	Member
Dr. Richa Singh, Scientist, DC Division	Member
Dr. Anjali Aggarwal, PS & Academic Coordinator	Member-Secretary

Dr. A.K. Dixit, Controller of Examination did not attend the meeting as he was on leave or on tour.

The Chairman welcomed the members.

Director, NDRI in opening remarks briefly gave an overview of history & mandate of NDRI. Also the various academic programmes and new initiatives taken by NDRI in compliance with New Education Policy(NEP-2020. He further emphasized to develop one portal for student's registration. Students who are coming for 2-3 months training must be registered. They should be enrolled in the University. In Course Curricula, 25 % flexibility should be there. International students should be attracted to join our academic programmes. There should be Internal Assessment quality check. We must ensure that all the syllabus of courses are covered. Feedback from students should be taken regarding the problems faced by them in relation to syllabus of courses especially when they go abroad. Accordingly we can add in our course curricula.

1. Introduction of new certificate courses submitted by various divisions:

Joint Director (Academic) presented the details of new certificate courses submitted by various divisions. It was suggested that passing marks should be 60 %. In evaluation process Project work should be included in place of Research Projects. Minimum enrolment in the course should be 20. External faculty may be involved. Mr Deepak Mittal suggested that offline teaching should be more than online classes. More weightage should be given to practicals. Fee structure may be revised, if required. In Commercial Dairy Production course, aspects of protein separation, ultracentrifugation, microfiltration to be added.

2. Initiation of undergraduate programme in Food Technology and Biotechnology

Adequate infrastructure and faculty are available to introduce courses. Six faculty members specializing in food and livestock product technologies. Syllabus will be as per 5th Deans Committee recommendations. Facilities in Dairy Engineering need to improve. Facilities in Dairy Microbiology also require upgradation. It was suggested to include UG in Microbiology also. A committee of outside experts may be constituted including Microbiology, Dairy Engineering and Dairy Technology.

3. Implementation of National Education Policy-2020 as per Government regulations.

Higher Education Department, Government of India has introduced the National Education Policy-2020 which has to be implemented in phased manner. A conclave was organized on 23rd December, 2023 to deliberate on important aspects related to NEP-2020. Increase in number of student enrollment by introducing certificate courses.

Key Initiative of ICAR-NDRI NEP-2020

- Courses & Curriculum Enrichment
- As per NEP-2020, criteria for admitting students from the diverse field is permitted. Students from Biological science have been admitted in B. Tech. (DT).
- Seven certificate and Diploma courses have been finalized
- One PG Diploma course on "Dairy Processing Operation & Management" for In-service candidates is under development
- B. Tech. (Biotechnology) and B. Tech. (Food Technology) will be commenced from next academic session
- In order to implement multiple exits & entry, B. Tech. (DT) course is restructured in consultation with expert committee constituted by ICAR.
- Organized Two Faculty Development Programmes (FDPs) on "New Education Policy-2020" to sensitize faculty and researchers of the university
- Global Collaboration & Student Exchange
- Four faculty members from 3 different universities of USA & 1 from Germany joined as Adjunct faculty for a period of 15 days
- Signing of MOU for academic collaboration and offering Dual degree programme is in final stages with South Dakota University and Oklahoma State University
- Out of 102 students deputed for overseas Internship, 21 have been selected for higher studies along with fellowships in USA & European Universities
- Teaching & Learning Infrastructure Development
- Created 17 classrooms: equipped with interactive panel along with dedicated internet connectivity for harnessing the expertise of faculty located in other ICAR institutes

- One Virtual class room with provision of video recording of lectures is developed under the NAHEP to implement Blended Learning Programme (BLP)
- One language lab for improving the English and foreign language is created.

4. Strengthening of Curriculum Delivery by adopting the Blended learning Platform (BLP)

In order to strengthen and impart effective teaching-learning process, Institute is adopting the Blended learning Platform (BLP) for the same. It has number of features including the online teaching, uploading the instruction materials, feedback from student & faculty etc.

5. Identification of Best Practices in teaching, research & extension activities

Mentor-Mentee Programme has been initiated of NDRI Alumni & ICAR-National Dairy Research Institute with the objectives:

- To train outstanding dairy technology professionals with core competence in theoretical knowledge and adequate practical training to independently handle milk processing operations in any commercial dairy establishment.
- To transform undergraduate students into a competent professional endowed with skills in analyzing problems, finding novel solutions, designing and creating novel products & processes for dairy operations.
- To support student develop communication skills, team spirit, leadership qualities and inculcate ethics and values for holistic development of their personality necessary for success in career and life.
- To produce professionally competent and highly motivated dairy technology professionals who are equally prepared for a role in the industry and for career in research & development organizations.

Central evaluation should be adopted to check the delay in results.

The meeting ended with a vote of thanks to the Chair.


CHAIRMAN / 29/11/2024


MEMBER-SECRETARY