Report on NEP- 2020 Implementation Cell

NEP- 2020 Implementation Cell was formed on 03/03/2022 at our institute with the aim of achieving the goal set by the New Education Policy 2020. Initial requirement for its implementation is sufficient knowledge about the NEP- 2020. Hence, it was decided to attend national level webinar on curriculum framework for implementation of NEP-2020 organized by Institute of Academic Excellence at Telengana for which our Institute registered. The following eminent professors delivered lectures on the implementation of NEP 2020 (National Education Policy 2020) for higher education:

1) Prof. V. Ramgopal Rao, Ex Director, IIT, Delhi
2) Prof. N. J. Rao, consultant, Indian Institute of Science, Bangalore
3) Dr. B N Suresh Chancellor, Indian Institute of Space Science and Technology, Thiruvananthpuram
4) Prof. Arun K. Tangirala, Professor, IIT, Madras
5) Prof. Mangala Sundar K, Professor, Department of Chemistry, IIT, Madras
6) Dr S V Kota Reddy, Vice Chancellor, VIT-AP University, Andhrapradesh
7) Prof. N. V. Ramana Rao, Director, NIT, Warangal
8) Dr. Prashant R. Nair, Associate Prof. & IQAC head, Amrita Vishwa Vidyapeetham, Coimbatore
9) K R Srivathsan, Ex Professor, IIT, Kanpur
10) Prof. Joshua Earnest, Former Dean NITTR Bhopal
11) Dr. Shilpi Banerjee, Azim Premji University.
12) Prof. (Dr.) Ram Niwas Sharma, Dean, School of Law, IMS Unison University, Dehradun.

I, the undersigned have attended **National Credit Framework (NCrF)** online consultation meeting organised by AICTE on 23rd August, 2022. It was addressed by Dr. Anil Sahasrabudhe, Chairperson, AICTE and Dr. Nirmaljeet Singh Kalsi, Chairperson, National Council for Vocational Education and Training (NCVET). **NCrF** is a comprehensive framework encompassing the academic, vocational skills and experimental learning which **proposes to bring the entire education system from school onwards into the academic credit regime. An Academic Bank of Credit (ABC)** has been established which would digitally store the academic credits earned from various recognised HEIs so that the degrees from an HEI can be awarded taking into account credits earned. It will be linked to the **Digilocker** for verification and portability of credits. Multiple entry and exit system will be facilitated at UG and PG level.

A three days online Awareness cum Training Program on AICTE quality initiatives was organized by NEP Coordinator from 27/09/2022 to 29/09/2022 where all participants were informed about the vision of future Higher Educational Institutes in the light of NEP 2020.

Jharkhand University of Technology, Ranchi organised one seminar on NEP 2020 on 7/12/2022 which was attended by Vice Chancellors and Directors of many colleges. Dr. Priyadarshi Jaruhar, Director, GGSESTC, Adv. Pallavi Prasad, Law & Admin Officer and Dr. Deepak Kumar, Asst. Prof. attended the seminar and a presentation on NEP activities of our institute was presented on this occasion. Director, GGSESTC attended the meeting on NEP 2020 presided by Shri Ramesh Bais, His Excellency Governor of Jharkhand,

NEP- Cell in consultation with Director, GGSESTC planned three types of goals and roadmap for its implementation as described below:

1) **Long term goals**
(a) Our institute will be Autonomous College granting degree in different disciplines
(b) Our institute must be a multidisciplinary institute as envisioned in the NEP 2020
(c) Our institute will be financially independent with good financial health

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Bokaro, Jharkhand-827013

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(d) Institute will be a World Class Institute

(e) Institute will be excellent in the research field, nationally and internationally recognised

2) Medium term goal

(i) NBA accreditation of few departments

(ii) Institute can start deep skilling, up-skilling and multiskilling courses on some of the emerging and demanding areas as per NEP 2020:

(a) Cyber security -*syllabus framework and teaching can be initiated by CSE dept.

(b) Artificial intelligence -*syllabus framework and teaching can be initiated by CSE dept.

(c) Cloud computing- *syllabus framework and teaching can be initiated by CSE dept.

d) 3 D printing- *syllabus framework and teaching can be initiated by ME dept.

e) Robotics- *syllabus framework and teaching can be initiated by ME dept.

f) Automotive- *syllabus framework and teaching can be initiated by ME dept

3) Short term/Immediate goal

(a) NAAC accreditation of the institute with grade 'A' or A+

(b) Institute will focus on research and innovation by setting up start-up incubation centres in collaboration with MSME/University/through industry academic linkages.

(c) Vocational training programs in the area of

- Sewing, stitching and tailoring
- Welding training
- Woodworking and carpentry training
- Jewellery designing courses
- Bike and car mechanic courses
- Repair technician training on air conditioning system, refrigerator, air cooler and washing machine
- Mobile, laptop and computer repair training
- TV repair training
- Soap and detergent making
- Laundry and dry cleaning
- Pottery, ceramics and clay classes
- Agricultural courses such as poultry farming, horticulture and dairying
- Plumbing, masonry and electrical training
- Accounting courses
- Film, Music, Dance, Theatre

Roadmap:

a) **Major/Long term goal:** BSc in Applied Mathematics, Science, and BA in Arts, Economics, Literature and Humanities will be introduced with 2030.

b) **Medium term goal:** All the criteria set for medium term can be achieved within three years (within 2025). MOU with top 100 rank world class universities for faculty and students exchange has to be done for becoming world class institute in the long run.

c) **Short term goal:** Most of the short term targets can be started immediately and can be fulfilled within two years. IAS Academy has been set up (MSME registered) for improvement of financial health of the institute.

Dr. Bikash Ghoshal
NEP Coordinator
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