National Level Workshop on

Curriculum Framework

For Implementation of

National Education Policy (NEP) 2020

In Universities, Engineering Colleges and Degree Colleges

THE WORKSHOP –CONCEPT DOCUMENT

- The fundamental principle of NEP 2020 is: Recognizing, identifying, and fostering the unique capabilities of each student, by sensitizing teachers as well as parents to promote each student's holistic development in both academic and non-academic spheres

- The Report on the Framework of Industry-University Linkage in Research-2019, determined that strong industry-academia collaboration with a focus on innovative ideas and R&D investment can help increase research capacity, and enrolment in Ph.D. Programs
- Partnerships between industry and academia will be instrumental in advancing research and knowledge and creating a skilled workforce, Collaboration between industry and academia is the key to catalyse innovation and growth in technology.

- ICT and Analytics are becoming central to higher education.

- The Sustainable Development Goals (SDGs) have become very important to the whole world.

The National Education Policy (NEP) 2020 envisions a complete overhaul and re-energising of the higher education to overcome the challenges in the current system and thereby deliver high-quality higher education, with equity and inclusion

Revamping curriculum, pedagogy, assessment, and student support for enhanced student experiences is required to accomplish the goals of NEP2020.

It is necessary to formally acknowledge these changes and redesign higher education programs accordingly. The design of Curriculum of Undergraduate Programs requires a thorough review and need to address the following dimensions
- Outcomes and Structuring of the program
- Instruction and Technology
- Planning learning experiences
- Assessment and technology for assessment

Therefore, to guide the Academic leaders and Administrators of Higher Educational Institutions for implementation of NEP2020, offer the suggestions to enhance the existing practices and knowledge regarding the curriculum framework, and to present the

- ✓ key insights of **National Education Policy (NEP) 2020**
- ✓ **Emerging areas and the new age Courses for knowledge and skill enhancement**
- ✓ **Capacity building measures for curriculum implementation**
- ✓ **Best practices in Curriculum design and delivery mechanism**
- ✓ **Guidelines for academic planning to achieve Institution Goals**
- ✓ **Concrete steps to be taken for effective implementation of choice-based credit system (CBCS) confining to NEP 2020**

Institute for Academic Excellence (IAE) in collaboration with Collegiate Education &Technical Education Department, Government of Telangana organising a National Level workshop on Curriculum Framework with the following topics for deliberations

TOPICS FOR DELIBERATIONS

1. A New and Forward-looking Vision for India's Higher Education System -Keynote address

2. Education 4.0 –The 21stCentury Skills for Graduates to Succeed in Industry 4.0.

3. Emerging Technologies and New Age Courses for Innovation, knowledge and skills enhancement

4. Institutional Goals -Curriculum Framework to Achieve.

5. Strategies for Implementation of NEP 2020 in HEIs

6. Survey on Curriculum Frameworks from India

7. Practice session to prepare a plan for Curricula design
   - Academic Planning
   - Subject Sequencing and Credit distribution
   - Course design, Delivery mechanism
   - Technologies for Academic Management and Quality improvement
   - Teaching, Learning Enablers
   - Assessment and Evaluation methods
   - Grading and Ranking process
8. Management of Higher Educational Institutions in the NEP 2020 era
   - Multiple Entry and Exit points in the academic programs offered in (HEIs)
   - Academic Bank of Credits (ABC)
9. Open forum Discussion -Q&A

Programs / Courses covered:

I.UG Engineering:

1. Computer Science and Engineering (All specializations)

2. Electronics & Communication Engineering,

3. Mechanical Engineering

4. Electrical & Electronics Engineering

II. Degree Courses:

1. B.A, 2. B.Com, 3. B.Sc, 4. BBA

NOTE: 1

 Separate and parallel sessions will be held for University, Engineering and Degree colleges

2. Separate Sessions for Curriculum Design is organized to Universities, Engineering colleges and Degree Colleges to the following Programs/courses only:

 I.UG Engineering: 1.Computer Science and Engineering (All specializations) 3.Mechanical Engineering   2.Electronics & Communication Engineering, 4. Electrical & Electronics Engineering

 II. Degree Courses: 1.B.A, 2.B.Com, 3.B.Sc, 4.BBA

Expected outcomes from the workshop

The institutions are able to make use of Autonomy to promote and Institutionalise excellence and to create an enabling environment and to transform into institutions of global excellence.

Prepare a resource document that provides guidelines for designing the curricula for undergraduate programs in line with the objectives of NEP 2020 and to comply with the policies of the national regulatory agencies.Institutions are able to

- Develop and validate the curriculum framework
- Know the Best practices in curriculum design and delivery
- Create a Plan for effective implementation of choice Based Credit System(CBCS)
- Develop the Strategies for Capacity building for curriculum implementation
- Define the institutional goals in confirmation to NEP2020
- Know the Usage of Educational Technologies and software tools in Teaching learning process
- Understand the Multiple Entry and Exit points in programs offered in HEIs
- Get ready to join in Academic Bank of Credits network
- Prepare approaches to offer Multi disciplinary courses

Workshop Schedule:

Date: 21st & 22nd March 2022

Time: 10AM - 5PM

Mode: Online

Institutions for participation

- **Universities (State / Central / Private / Deemed to be)**
- **Institution of National Importance**
- **Engineering Colleges (Autonomous & Affiliated)**
- **Degree Colleges (Autonomous & Affiliated)**

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