

## REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

### Institutional preparedness for NEP

#### 1. Multidisciplinary/interdisciplinary:

National Education Policy has been proposed to endow with high quality education for developing employees in our country capable to be expertise in the respective field. To employ NEP in our institute a discussion has been made among all the staff members to work on its principles as a combination of different curriculum with technological innovations in teaching – learning process, cheering logical decision making and innovation, critical thinking and creativity. The Institute is affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal. The Academic programs are designed by the university include Multidisciplinary or Interdisciplinary courses. Few of them are value based and environment-based subjects like Professional Ethics, Environmental studies, Principles of Management etc. All programs are designed in such a way that the students get maximum knowledge in different subjects offered by other Departments and also from MOOCs through various online platforms. There are also various co-curricular/extra-curricular activities such as Tech fest, Photographic club, annual` Sports, NSS activities etc. for the students. It can be said that the institution is actively working to implement the suggestions given to the university following the NEP guidelines.

#### 2. Academic bank of credits (ABC):

The National Academic Depository, a government initiative to provide an online archive for all academic awards under the Digital India Programme. MAKAUT being a state university is an official member of the Board. The Academic Bank of Credits (ABC) scheme has provisions of creating a digital infrastructure that will store the academic credits of the students of various higher education institutions within the country. RERFGI as the affiliating institute will formally register in the ABC portal as soon as the resolution is being approved by the higher academic bodies. A suitable technological support system will be developed for ABC monitoring.

#### 3. Skill developments

Since this College is affiliated to MAKAUT, skill development programs are extended to students when the University offers the courses. Industrial training/Internships are offered to final year students to familiarize with the industry environment. Apart from this, the institute has an online platform to fortify the technical, vocational and soft skills of the students. The training cell of this institute also organizes different programs for the students to cope up with the current trends required for the industries. Special night classes have been organized for the enhancement of employability for the weaker students. To empower students through skillbased training is crucial because our market growth depends on them. The skill progression process makes students to think beyond grades. It prepares them to excel into their abilities, develop real-life skills. Various skill development courses like Java, Python, Graphics, Auto Cad, Photoshop and SEO are conducted through offline or online mode under various MOOCS courses. Although, they don't always provide academic credit, these courses offer certification, employment opportunities. Soft skills play an important role in career growth of individuals. Expectations begin with a basic foundation of ethics, integrity and values. Soft skills encompass a broad terrain of personal and interpersonal qualities. Teaming, interpersonal and communication skills are key requirements for companies. They also demand value problem solving, problem solving as well as skills like listening, coordination. Time management is another skill that helps companies to appreciate the self-discipline practiced by employees. Education and skill development go hand in hand to prepare students for the pressures and demands of today's challenging world.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

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All NSS activities carried out in the college campus and its surroundings in local Bengali language in order to support and incorporate the local language. As per directive from AICTE faculties are encouraged to publish books for B.Tech. students in local languages. Our faculty members have taken the initiative regarding the matter. In the programs we follow traditional Bengali culture. Since the majority of our students are from rural and suburban area, they are able to express themselves in any language. So we have arranged special classes in the evening which are conducted in Bengali language.

#### 5. Focus on Outcome based education (OBE):

The institution, affiliated to MAKAUT, abides by the rules as and when they are given, and whenever possible, it uses a variety of teaching methods, such as lectures, seminars, tutorials/workshops/practical and project-based learning field work, technology-enhanced learning internships and apprenticeships, and research work. All of the modules are available as outcomes-based education (OBE), which is created with consideration for local and global needs. Every subject's course objectives are clearly stated in the curriculum itself by MAKAUT. With a clear set of Programme Outcomes and Course Outcomes starting from 2018–19, the Institute has introduced outcome-based education. All courses are created with the outcomes of remembering, understanding, applying, analyzing, evaluating, and creating in mind. In addition to domain-specific knowledge, learning outcomes at all levels guarantee social responsibility, morality, and entrepreneurial abilities so that students actively contribute to the country's economic, environmental, and social well-being. The PO philosophy is also in line with the course objectives (COs).

#### 6. Distance Education/Online Education:

The faculties of RERF has already utilized for teaching various online platforms like Google Class rooms, Zoom, WhatsApp, Skype etc., especially in the COVID-19 pandemic situation. Presently, there are no barriers for online education because the total college campus is Wi-Fi enabled and has LCD Projectors installed in the classrooms. After the pandemic teachers and students have fully utilized the blended form of teaching and learning process. In the pandemic situation the faculties have used Google Classroomsto share learning materials, tutorials videos etc. with the students. The faculty members also upgrade themselves by using different MOOCs and other online platforms for teaching and learning through FDP, STTP etc. To prepare the students for their career development, the institution has started online grooming classes in the evening through Career and Courses. We have also organized a number of events, meetings, conferences and seminars using an internet platform. Faculty members and students are encouraged to take MOOCS courses every year. These initiatives can be seen as the new standard which is the New Education Policy also aims to achieve.

Principal

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