

Implementation of NEP 2020 at MSRUAS Policy

MSRUAS/REG/NEP POL/2020-21



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***This Policy entitled "Implementation of NEP-2020 at MSRUAS"
is applicable to selected Programmes of a few Faculty of MSRUAS
from the Academic Year 2020-21
(As per the SRAs of the respective Faculty)***



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A. Implementation of NEP- 2020

A.1 Preamble

M.S.Ramaiah University of Applied Sciences (MSRUAS) was established as a Private University under an Act passed by the Government of Karnataka in 2013. MSRUAS has been established with a vision to be known as a modern as well as innovation-intensive University continuously interacting with industry, business, communities, and government organizations. MSRUAS is a comprehensive University offering programmes ranging from health sciences to engineering sciences to social sciences and vocational education programmes. Overtime MSRUAS has emerged as a large multidisciplinary University with more than 7000 students offering to give students vibrant communities of scholars and peers in which to learn. An ecosystem which will help develop active research communities across disciplines particularly cross-disciplinary research to enhance creativity and innovation.

The primary goal of NEP 2020, officially announced by the Government of India, is to bridge the gap between current education system and the demands of the 21st century. It encompasses a holistic and multidisciplinary approach to undergraduate education, aimed at producing graduates with well-integrated personalities, enhancing their employability prospects.

The Government of Karnataka (GOK), in response to NEP-2020, established the taskforce for the development of an implementation framework. The report by the task force was accepted by the GOK. Based on the report, the subcommittee on curriculum development outlined that draft curriculum framework, leading to the formulation of Programme structure in various Faculties. These programme structures were reviewed and approved in meetings involving Vice-Chancellors in the state of Karnataka.

A.2 Academic Bank of Credits

The Academic Bank of Credits (ABC), that promotes flexibility in the curriculum framework and mobility of students across Higher Education Institutions across the country, incorporates a credit transfer mechanism, enabling students to choose their unique learning paths leading to Degrees, Diplomas, or Certificates. ABC operates on the principles of multiple entry and exit, as well as flexible, anytime, anywhere learning. ABC integrates diverse higher learning disciplines, fostering creativity, innovation, critical analysis, and higher order thinking skills among students.

The credit earned have a maximum validity period. The credits and the procedures for credit deposition,

shelf life, and redemption are governed by the UGC regulations.

A.2.1 Monitoring, Support and Quality Assurance by Universities and ABC

- The University shall do the following for the successful implementation of ABC
 - Oversee ABC Program implementation across all academic units
 - Provide training and mentoring of staff on ABC
 - Assure the stakeholders regarding the implementation of ABC through IQAC
 - Publish the annual ABC reports on the University website
 - Implement and sensitize students regarding Grievance Redressal mechanisms in place

A.3 Study Webs of Active Learning for Young Aspiring Minds (SWAYAM):

The Gazette of India has published the UGC regulations (credit framework for online learning resources through MOOC), 2021, enabling institutions to offer upto 40% of total semester course online through SWAYAM platforms.

A.4 Objectives for Undergraduate Framework NEP-2020

The Undergraduate Framework- 2022 is meant to bring about systemic change in the higher education system. The HEIs shall appropriately follow the fundamental guiding principles outlined in the NEP 2020 document (https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf)

At MSRUAS, the 4-year multidisciplinary bachelors' degree programme is considered a preferred option. This is so since it would allow the opportunity to experience the full range of holistic and multidisciplinary education in addition to a focus on the chosen major and minors as per the choices of the student.

A.5 Implementation of the Recommendations NEP-2020 at MSRUAS

In line with the recommendations of the NEP-2020 and initiatives envisaged by the Government of Karnataka, MSRUAS constituted a Taskforce for the NEP-2020 Implementation. The task force is chaired

by the Vice Chancellor and it comprises members from academia, industry, and civil society. MSRUAS has taken following initiatives to implement the recommendations of the NEP-2020:

A.5.1 Duration of the Programme

- **Phase 1 (2022-2023)** - The University is offering a four-year undergraduate programme in the School of Social Sciences, School of Law, Faculty of Life and Allied Health Sciences, Faculty of Management and Commerce, Faculty of Mathematical and Physical Sciences and Faculty of Art and Design.
- **Phase 2 (2023-2024)** –The University envisions to offer in other Undergraduate Programmes.

A.5.2 Multiple Entry and Exit

- As a state private University, MSRUAS is providing an option to exit after three years and in the fourth year.

A.5.3 Setting up the Centre for Entrepreneurship

Vision:

To become a globally renowned hub as a thought leader and enabler of entrepreneurship by encouraging the development of entrepreneurial thinking across the multi-disciplinary and diverse RUAS community through an integrated approach towards entrepreneurial education, research and practice

Mission:

To enable entrepreneurial mindsets so that members of RUAS community feel empowered to build innovative solutions to problems worth solving in our world

Pillars Centre for Entrepreneurship:

The three pillars are:

- Education – Impart contextually relevant entrepreneurial education using contemporary pedagogical approaches and practice-oriented curriculum
- Research – Promote high-quality research that bridges the rigor and relevance gap in the field of entrepreneurship and contributes meaningfully towards knowledge-creation, policy and practice
- Practice – Enable new venture creation and growth by providing practical support through mentorship, competency development and networking benefits. Engage with successful entrepreneurs and mentors, incubators, specialised product development centers and other such entrepreneurial support organisations, government agencies, startups, corporates and private agencies committed to building startups

Initiatives and Activities:

- To inspire and support the next generation of entrepreneurs, innovators, and business leaders through a range of educational programs, research initiatives, and practical resources
- To impart knowledge, skills, and resources to the aspirant to succeed as entrepreneurs and innovators
- To formulate academic orientation in undergraduate courses on entrepreneurship, experiential learning opportunities, mentoring programs, and networking events
- To forge collaboration with industries and policy makers for a conducive ecosystems for entrepreneurship, innovation and research

A.5.4 Research-Based UG Programme

- The four-year UG programme will be a research-based programme for the students to have exposure to internships/capstone projects/apprenticeship/dissertation in their UG programme itself. The curriculum and the projects enable the students to garner aptitude for research

A.5.5 Revamping Curriculum and Pedagogy

- A shift from rote learning to student-centric hands-on pedagogy enables the holistic development of learners by equipping them with key 21st-century skills and applied research

aligned to the Sustainable Development Goals

A.5.6 Evaluation and Assessment

- Shift from summative assessment to formative assessment. Provide more weightage to internal assessment or Continuous Evaluation (CE) (teamwork, quizzes, problem-solving project work) over Semester End evaluation. Shift from 50 percent weightage for CE and 50 percent for SEE to 60 percent for CE and 40 percent for SEE.

A.5.7 Internship/Apprenticeship

- Enable an ecosystem for an internship-based four-year UG programme with an appropriate credit structure. The final year of the four-year UG programme will be anchored on the internship/apprenticeship with a capstone project or dissertation in the specific domain.
- For Four year UG programme embedded with multi-level and multi-stage internship/apprenticeship with appropriate credit structure. In all the four years, the students will be exposed to internship or apprenticeship as part of their curriculum leading to capstone project. Capstone projects should provide students to be hands-on and to engage with solving a problem harnessing creativity/innovative thinking.

A.5.8 Institutional Consolidation and Restructuring

- The Ramaiah Medical College, Ramaiah Nursing College and Ramaiah Physiotherapy have been standalone autonomous colleges under the Rajiv Gandhi University of Health Sciences. From the academic year of 2022-2023, these colleges have been formally brought under the ambit of M.S. Ramaiah University as part of its strategy for institutional consolidation and restructuring to provide a holistic and multidisciplinary ecosystem for quality higher education. This is an initiative towards enabling a 'large, well-resourced, vibrant multidisciplinary institutions for teaching and research, which will significantly expand reach and capacity'.
- The University is offering foundation courses for students across all departments in a particular school at the University to provide a common foundation course and for ability enhancement. For instance, courses like basic & advance statistics, idea of India and reading and writing for all UG students across various departments along with courses in value education, Constitution of India, Yoga and well-being, Environmental studies and so on

A.5.9 University-Wide Open Electives Enabling Choice and Flexibility for Students

- From the academic year 2022-23, MRUAS is offering open/generic elective across all Faculties and departments for students. An initiative to facilitate choice of courses for students. For instance, a student enrolled in the School Social Sciences can opt a course on 'Sanitation and Waste management' offered by the School of Engineering Sciences. Similarly, a student enrolled in the School of Engineering Sciences can opt for a course in 'Personal Finance' offered by the Faculty of Management and Commerce at the University
- A course on Innovation and Entrepreneurship Development for all students in their third semester (03 credit course)

A.5.10 Strengthening Industry-Academia collaboration and outlook

- To enable an ecosystem for entrepreneurship, innovation, and Start-up for all students on campus. Proactive collaboration with University of Illinois; Texas A&M and many other HEIs for enabling global exposure and experience for teaching, research and service

The following are the features of the NEP Programmes offered at MSRUAS. A student will be eligible for award of Certificates/Diploma/Degree as shown in the Table 1 after earning the required credits

Table 1: Award at the end of the year under NEP Programmes

| Table 1: Award of the end of the year under NEP Programme | | |
|--|--|---|
| End of Year | Award | Remarks/Eligibility |
| 1 | Bachelor Degree | After three years with minimum 120 credits earned |
| 2 | Bachelor (Hons.) Degree Bachelor with Research Degree | Minimum CGPA of 7.5 at the end or third year to seek admission to 4 th year for B.Sc. (Hons.) with or without Research |