



ESTD:2008
**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY**

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada)

Recognized under Section 2(f) & 12(B) of the UGC Act, 1956 | Accredited by NAAC with 'A' Grade

Preparedness of the institute for NEP 2020

The core focusses of NEP 2020 in higher education are to produce good, thoughtful, well-rounded and creative individuals. These can be accomplished through higher education by providing an environment for the holistic development of individual where the skill set of individuals can be identified and nurtured by adding human and social values. NEP 2020 recommends this can be achieved by having multidisciplinary colleges and universities offering multidisciplinary UG programmes. It also insists 21st century skills among the learners. It also suggests to have revamp in curriculum, pedagogy, assessment and support systems of higher education.

In this context, at NSRIT, having received autonomous status from academic year 2020-21, sufficient care has been taken in the design of curriculum so as to cater the expectations of NEP 2020. The curriculum has wide **scope for multidisciplinary/trans-disciplinary settings through honours and minors**. Few courses are already introduced giving scope for the students on Environment & Sustainability, and initiatives are in progress to introduce B. Tech. (Minor) with specialization in **Smart Cities, IoT, Artificial Intelligence and Machine Learning, Electric Vehicle Technologies, Smart Grid, VLSI, Liberal Arts, Statistics, Personal Management, General Management and Music**. This gives a chance to the interested students to register and undertake courses from other disciplines and make them come out as graduates with multidisciplinary skillset. The second feature of curriculum in line with NEP 2020 is the **introduction of skill-oriented courses** in every semester from II year onwards. This enables the learners to sharpen the domain specific skills and **21st century skills**. The third feature of curriculum is the **introduction of courses focussing on human and social values in the form of mandatory courses** in every semester starting from second year.

With respect to the pedagogy, the institute had a foresight by adopting flipped classroom model, a form of blended learning, by **deploying learning management system (LMS)**. This enables the digitization of resources that helps teachers to deploy flipped classroom. Also, the teachers are well educated in identifying the appropriate learning strategies for the courses they are teaching during the preparation of course plan itself. This also ensures that appropriate ICT tools are used to engage different types of learners in every academic activity.

With respect to assessment, few innovative strategies are deployed like video assignments and video assessment. The students are engaged through **video assignments through assessment embedded non-skippable videos**. Also, for skill-oriented courses, **video assessments** are deployed so as to enhance the presentational and oral communicational skills of learners.

So, as a whole, NSRIT is taking care in every step of academic activity to incorporate elements that help to accomplish the requirements of NEP 2020 on higher education in addition to support **gross enrolment ratio by providing financial assistance and scholarships to SEDGs**.

DIRECTOR