VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTU Hyderabad and UGC Autonomous Institute
ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
NIRF 135th Rank, UGC recognized as "College with Potential for Excellence"
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ACADEMIC SECTION

VNR VJIET/ACADEMICS/2021-2022/**N010**   Date: 16.02.2022

NOTICE

Sub: Implementation of **B.Tech. Degree with Minor in Emerging Area** under B.Tech. R19 Academic Regulations from the academic year 2021-2022

Ref: (1) JNTUH Lr.No. A1/B.Tech. Honors/B.Tech. Minor degree/2021 dated 04.12.2021
     (2) JNTUH Lr.No. A1/B.Tech. Honors/B.Tech. Minor degree/2022 dated 24.01.2022

All the students pursuing B.Tech. under R19 academic regulations are hereby informed that JNTU Hyderabad has approved the implementation of **B.Tech. Degree with Minor in Emerging Areas** from the academic year 2021-2022. Details of Minor programs offered and eligibility conditions are given below:

Name of B.Tech. Minor Program	Eligible B.Tech. Branches	Award of Degree
Artificial Intelligence & Machine Learning	CE, EEE, ME, ECE, EIE, AE	B.Tech. in Branch Name with Minor in Artificial Intelligence & Machine Learning
Cyber Security	CE, EEE, ME, ECE, EIE, AE	B.Tech. in Branch Name with Minor in Cyber Security
Data Science	CE, EEE, ME, ECE, EIE, AE	B.Tech. in Branch Name with Minor in Data Science
Internet of Things (IOT)	CE, EEE, ME, AE	B.Tech. in Branch Name with Minor in IOT

➢ **Salient Features:**
  - Offered from the academic year 2021-2022 onwards.
  - Student shall secure **additional 18 credits (over and above 160 credits** for the regular B.Tech. degree) during **III year and IV year only**
  - Upon securing additional 18 credits successfully, student shall be awarded Bachelor of Technology in particular branch with Minor in specified program

    Ex: B.Tech. in Mechanical Engineering with Minor in Data Science

  - If a student is unable to secure additional 18 credits in a specified duration (twice the duration of the course), then the student shall not be awarded Minor degree. However, if the student earns all the required 160 credits of B.Tech., then student shall be awarded only B. Tech degree in the concerned branch.
  - Weekly instruction hours, internal & external evaluation and award of grades are on par with regular 4-Year B. Tech. program.
  - No transfer of credits from courses of Minor program to regular B. Tech. degree & vice versa.
  - Student can choose only one Minor program along with his/her basic engineering degree.
  - Student opting for Minor program is not eligible to choose Honors degree and vice-versa.

➢ **Eligibility Conditions:**
- Students who are pursuing their V semester (III year I semester) in the current academic year with **No Active Backlogs till III semester (II year I semester)** at the time of entering into V semester (III year I semester).
- If more than 50% of the students in a branch fulfil the eligibility criteria (as stated above), the number of eligible students shall be limited to 50% **based on the CGPA criteria.**
- Prior approval of mentor and Head of the Department for the enrolment into Minor program before commencement of V semester (III year I semester) is mandatory.
- Courses opted must be from the prescribed list as given in the Minor degree course structure and also **not studied/registered in the regular B.Tech. program.**

➢ **Registration Fee:**
- Rs. 1000 per one credit

All the B.Tech. III year students desirous of pursuing B.Tech. degree with Minor in Emerging Area, subjected to fulfillment of eligibility criteria, are hereby informed to apply for the same to the respective HoDs through faculty mentor **on or before 28.02.2022.**

HoDs are requested to send the consolidated data to the Academic Section **on or before 02.03.2022.**

Course structure, curriculum of the Minor programs and schedule of course work shall be released soon and updated in the Institute Website.

K. Anuradha 16/02/2022

Dr. K. Anuradha
Dean, Academics

Dr. C. D. Naidu
Principal

Copy to:-
All the Directors/Dean
All the HoDs with a request to inform B.Tech. III year students and display it on the Notice Board