



राष्ट्रीय प्रौद्योगिकी संस्थान आंध्रप्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
Near National Highway No. 16, Kadakatla, Tadepalligudem – 534101
West Godavari District, Andhra Pradesh, India

No. NITANP/SEMA/2022-23/811

Date: 13-01-2023

NOTICE

Sub: Minor Degree Programme for the AY 2022-23 (applicable for 2021 admitted B.Tech. Students).

Ref: NIT Andhra/AA/2021-22/16, dated: 07/12/2022

All the II B.Tech. students of AY 2022-23 are hereby informed that the students are given the option of selecting a minor programme as per the modalities below.

Modalities for the Minor Programme (B.Tech.)

1. Students with a minimum CGPA of 7.5 at the end of I B.Tech. II Semester (with no backlog courses) are eligible for minor degree program selection process.
2. Eligible students have to register their options for the minor programme, indicating the priority for each option in the order starting from 1(highest priority) upto 2(lowest priority). Use the link (<https://forms.gle/PkHunVJc6hjgjb1K7>) to register your options.
3. **The deadline for filling the google form is 19th January 2023, 5 PM.**
4. A student can edit the google form submission any number of times, but the latest submission at the time of deadline is considered for scrutiny.
5. A student can opt for any of the minor programme irrespective of the parent department of the student.
6. The selection process for minor programme is based on CGPA (upto I B. Tech II Semester) subjected to the constraints of minimum of 5 students to a maximum of 60 students for each minor specialization.
7. The courses listed in each Minor Programme course structure (additional 16 credits) are over and above the regular B.Tech. programme credit requirements (162 credits).
8. The grades/GPA for minor programmes shall be mentioned separately in the marks list.
9. Any grievances in the allotment of the minor degree programme should be brought to the notice of Dean (Academic Affairs) with in 1 week of the notification of allotment (forwarded through respective HoD).



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MINOR DEGREE SPECIALIZATIONS

**Minor in Artificial Intelligence for Signal Processing Applications
(Electronics & Communication Engineering Department)**

Courses							
S. No	Course Code	Course Title	L	T	P	Credits	Offered Sem
1	ECM251	Statistical Foundations for Signal Processing and Machine Learning	4	0	0	4	4th
2	ECM301	Non-Linear Programming	3	0	3	3	5th
3	ECM351	Machine Learning for Signal Processing applications	4	0	0	4	6th
4	ECM401	Digital Modulation and Coding	3	0	0	3	7th
5	ECM352	AI for Signal Processing applications Lab	0	0	2	2	6 th /7 th
Total			14	0	5	16	

**Minor Specialization: Electric Vehicles
(Electrical Engineering Department)**

Courses for Minor in Electric Vehicles							
S.No	Course Code	Course Title	L	T	P	Credits	Offered Sem
1	EEM251	Principles of Energy Conversion and Transmission in Vehicles	3	0	0	03	4th
2	EEM301	E-Mobility Developments and Standards	3	0	0	03	5th
3	EEM302	Battery Energy Storage and EV Charging Systems	3	0	0	03	5th
4	EEM351	Electric Drives for EVs	3	0	0	03	6th
5	EEM352	EV Battery Charging Systems Lab	0	1	2	02	6th
6	EEM401	EV Propulsion Systems Lab	0	1	2	02	7th
TOTAL						16	

This notice is issued with the approval of competent authority.

Sd/-
Dean
(Academic Affairs)
NIT Andhra Pradesh

Copy To

1. AD- UG (A&E) Kindly circulate the notice.
2. All Heads of the Departments
3. PS to Director for kind information to the Director
4. Registrar office for kind information