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VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, 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, AME Programmes and
M.Tech. - STRE, PE, AMS, SWE Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
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ACADEMIC SECTION

VNR VJIET/ACADEMICS/2021-2022/C112

Date: 29.06.2022

CIRCULAR

Sub: List of equivalent NPTEL-SWAYAM Courses as Professional Electives in B. Tech. VII semester [IV year I semester] (R19) for the academic year 2022-2023 – Regarding.

Following is the **list of equivalent NPTEL-SWAYAM courses** suggested by the respective Boards of Studies as an option to the Professional Elective courses offered in B. Tech. VII semester (R19) for the academic year 2022-2023.

S. No.	B.Tech. Branch	Elective Group	Name of the MOOC	Duration	Course Start Date	Enrollment Closing Date
B.Tech. VII Semester (R19)						
1	CE	PE-III	Foundation Engineering (IIT Kharagpur)	12 Weeks	25.07.2022	01.08.2022
		PE-IV	Remote Sensing and GIS (IIT Guwahati)	08 Weeks	25.07.2022	01.08.2022
2	EEE	PE-III	--	--	--	--
		PE-IV	Introduction To Internet of Things (IIT Kharagpur)	12 Weeks	25.07.2022	01.08.2022
3	ME	PE-III	Introduction to Mechanical Vibration (IIT Roorkee)	08 Weeks	25.07.2022	01.08.2022
			Introduction To Composites (IIT Kanpur)	12 Weeks	25.07.2022	01.08.2022
		PE-IV	--	--	--	--
4	ECE	PE-III	Fiber Optic Communication Technology (IIT Madras)	12 Weeks	25.07.2022	01.08.2022
			Introduction to Machine Learning (IIT Madras)	08 Weeks	25.07.2022	01.08.2022
		PE-IV	--	--	--	--

5	CSE	PE-III	Introduction To Internet of Things (IIT Kharagpur)	12 Weeks	25.07.2022	01.08.2022
		PE-IV	--	--	--	--
6	EIE	PE-III	--	--	--	--
		PE-IV	--	--	--	--
7	IT	PE-III	Introduction To Internet of Things (IIT Kharagpur)	12 Weeks	25.07.2022	01.08.2022
		PE-IV	--	--	--	--
8	AE	PE-III	--	--	--	--
		PE-IV	--	--	--	--
9	CSBS	PE-III	Introduction To Internet of Things (IIT Kharagpur)	12 Weeks	25.07.2022	01.08.2022
		PE-IV	--	--	--	--

All the B.Tech. III year (R19) students are given the option of **choosing EITHER**

- **Option 1:** NPTEL courses through SWAYAM platform as Professional Elective course (As shown in the table above) **OR**
- **Option 2:** Professional Elective course(s) in the curriculum offered by the respective department

Instructions to the students OPTING NPTEL-SWAYAM courses as Professional Elective:

1. Complete the registration of the chosen NPTEL-SWAYAM course on or before the enrollment closing date.
2. **MANDATORY for the student to submit details of the NPTEL-SWAYAM course opted and registered as Professional Elective, to the Department NPTEL Coordinator. If not submitted, it shall be deemed that the student is willing to pursue the Department offered Professional Elective courses.**
3. Successfully complete the NPTEL course as per the criteria laid by the NPTEL-SWAYAM agency
4. Upon successful completion of the course, marksheet and course completion certificate must be submitted to the Department NPTEL Coordinator.

Instructions to the students NOT OPTING NPTEL-SWAYAM courses as Professional Elective:

Students who do not opt for NPTEL-SWAYAM courses as Professional Elective courses shall be able to choose and pursue Professional Elective courses in the curriculum offered by the respective department during the next semester. Circular regarding the same shall be communicated separately.

You are requested to circulate the above information to the current B.Tech. III year students.

You are also requested to submit the consolidated information of students who opt for the NPTEL courses to the Academic Section as well as Dr. K. Ravi Kumar, SPOC, NPTEL-Local Chapter, VNRVJIEI **on or before 09.07.2022.**

K. Anurag
29/06/2022

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Dean, Academics

K. Ravi Kumar
Principal

Copy to:

All HoDs

Dr. K. Ravi Kumar, SPOC, NPTEL-Local Chapter VNRVJIEI