

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
List of SWAYAM Courses– Minors – Academic Year 2024-25
R20REGULATIONS–ODDSEMESTER

MINORS

S.No.	Offered by the department	Title of the Minor	Title of the Course	Duration	Link to access course
1	Civil Engineering	Construction Technology	Safety in Construction Industry	12 weeks	https://onlinecourses.swayam2.ac.in/nou24_ce10/preview
		Environmental Geotechnology	Environmental Geomechanics	12 weeks	https://onlinecourses.nptel.ac.in/noc24_ce72/preview
2	EEE	Energy Systems	Sustainable Energy Technology	12 weeks	https://onlinecourses.nptel.ac.in/noc24_me144/preview
			Energy Efficient Buildings	12 weeks	https://onlinecourses.swayam2.ac.in/nou24_ge85/preview
3	Mechanical Engineering	3D Printing	Metal Additive Manufacturing	12 Weeks	https://onlinecourses.nptel.ac.in/noc24_me130/preview
			Introduction to Composites	12 Weeks	https://onlinecourses.nptel.ac.in/noc24_me129/preview
		Industrial Engineering	Work System Design	12 Weeks	https://onlinecourses.nptel.ac.in/noc24_me125/preview
			Strategic Management for Competitive Advantage	12 Weeks	https://onlinecourses.nptel.ac.in/noc24_mg95/preview
4	ECE / CSE & Allied	Internet of Things	Introduction to Internet of Things	12 weeks	https://onlinecourses.nptel.ac.in/noc24_cs115/preview
			Fundamentals of Artificial Intelligence	12 weeks	https://onlinecourses.nptel.ac.in/noc24_ge47/preview
			Data Analytics	8 weeks	https://onlinecourses.swayam2.ac.in/ntr24_ed70/preview
			Introduction to Machine Learning	8 weeks	https://onlinecourses.swayam2.ac.in/imb24_mg126/preview
5	CSE & Allied	Artificial Intelligence & Data Science	Image Processing Using Python	12 weeks	https://onlinecourses.swayam2.ac.in/nou24_cs17/preview
			Data Science for Engineers	8 weeks	https://onlinecourses.nptel.ac.in/noc24_cs133/preview
			Big data computing	8 weeks	https://onlinecourses.nptel.ac.in/noc24_cs130/preview
		Virtual & Augmented Reality	Computer Graphics	8 weeks	https://onlinecourses.nptel.ac.in/noc24_cs82/preview
			Strategy: An Introduction to Game Theory	8 weeks	https://onlinecourses.nptel.ac.in/noc24_mg77/preview
			Introduction to Graph Algorithms	8 weeks	https://onlinecourses.nptel.ac.in/noc24_cs70/preview
		Cyber Security and Blockchain Technologies	Cryptography	8 weeks	https://onlinecourses.swayam2.ac.in/cec24_cs16/preview
			Ethical Hacking	12 weeks	https://onlinecourses.nptel.ac.in/noc24_cs94/preview
			Cyber Security and Privacy	12 weeks	https://onlinecourses.nptel.ac.in/noc24_cs121/preview
			Information Security	12 weeks	https://onlinecourses.swayam2.ac.in/cec24_cs15/preview

Note:

- i) A Student is eligible to opt for a Minor offered by a department other than the parent department or as defined by the respective department which is offering Minor program.
- ii) The enrolment of student into a Minor is based on the percentage of marks obtained in the major degree program. The percentage of marks shall be taken up to III semester in case of regular entry students and only III semester in case of lateral entry students. Students having 60% without any backlog subjects will be permitted to register for a Minor. The institution shall seek registrations in IV Semester, after the results of III Semester are announced.
- iii) The students enrolled in for the Minor courses will be monitored continuously. An advisor/mentor from the parent department shall be assigned to a group of students to monitor the progress.
- iv) Student registration for the above courses shall be only through the institution, it is mandatory for the student to share necessary information with the institution.
- v) While opting for the courses listed above, the institution would essentially avoid the courses offered or already studied as part of the curriculum sit may otherwise lead to duplication and repetition of the same course.

**Sd/-
REGISTRAR i/c**