

ELECTIVE CHOICE NOTICE FOR 6th SEMESTER CSE-Core

Important Notes:

1. Choice of Electives are for the Core CSE students only. For specialization students the Electives are fixed based on their specialization.
2. Please choose your Elective after due diligence based on your interest. Under no circumstances you will be allowed to change Elective once you provide your choice.
3. An Elective will be offered if only a minimum number of students choose a particular subject. If less number of students chooses a subject then the Elective might not be offered. Hence all students are required to provide a second choice also. If the First choice does not run for less number of students then the second choice will be offered and so on.
4. Choices can be made for the given SWAYAM courses also. If you select an elective through SWAYAM, it is your responsibility to timely register for the courses, submit assignments and appear for final exam. On successful passing the student will submit the certificate received from SWAYAM. The evaluation criteria is mentioned at the course site. Students to note that once student selects this choice it is imperative that he/she fulfills all the requirements of the course, no change is allowed at a later stage. If the student fails to appear for the exams or pass the exams it will be considered Fail. (Note that for all SWAYAM courses offered for Electives the last date of registration is 27 Jan 2025, so if you choose SWAYAM electives ensure to register immediately.)
5. **If the first preference is from SWAYAM that it will be considered as final and there is no meaning of second preference.**
6. **The due date for filling the form is 5 PM of Wednesday 29th January 2025 (This is a hard deadline). Note that if you do not choose an Elective you will be randomly allotted one and no representation under any circumstances are considered. And also nobody is entertained with any request for Elective change under any circumstances.**
7. **VERY IMPORTANT: FOR SOME ELECTIVE THERE IS A CAPPING ON THE NUMBER OF STUDENTS. FOR SOME ELECTIVE THERE WILL BE SELECTION CRITERIA.**
8. **Choose the form correctly with due diligence. Multiple submissions using different emails will be treated as No Response. Providing wrong information will result in disciplinary actions including suspension for entire semester.**

Elective Choices Offered:

Choice	Remarks
TCS 692 Large Language Models and Generative AI	Only those students who had opted for Deep Learning Fundamentals in the last semester are allowed to choose this elective.
TCS 651 DevOps on Cloud	

TCS 619 Network and System Security	
TCS 695 Security and Auditing	This Elective is offered as part of MoU with Wipro. There will be selection criteria based on CGPA and also only those students who took a Cyber Security related Elective in either 4 th or 5 th semester are allowed to opt for this. There will be a capping of 80 students for this course. Students selected for this Elective will have the opportunity (based on performance) to directly appear for interviews for Cyber Security roles in Wipro.
TCS 671 Bigdata Storage and Processing	
TCS 675 Introduction to Virtual Reality	There will be a capping of 65 students for this course due to operational reasons.
TCS 680 Parallel Computer Architecture (Through SWAYAM)	https://onlinecourses.nptel.ac.in/noc25_cs54/preview Start Date : 20 Jan 2025 End Date : 11 Apr 2025 Enrollment Ends : 27 Jan 2025 Exam Registration Ends : 14 Feb 2025 Exam Date : 27 Apr 2025 IST
TCS 681 GPU Architectures and Programming (Through SWAYAM)	https://onlinecourses.nptel.ac.in/noc25_cs37/preview Start Date : 20 Jan 2025 End Date : 11 Apr 2025 Enrollment Ends : 27 Jan 2025 Exam Registration Ends : 14 Feb 2025 Exam Date : 27 Apr 2025 IST
TCS 682 Affective Computing (Through SWAYAM)	https://onlinecourses.nptel.ac.in/noc25_cs04/preview Start Date : 20 Jan 2025 End Date : 11 Apr 2025 Enrollment Ends : 27 Jan 2025 Exam Registration Ends : 14 Feb 2025 Exam Date : 26 Apr 2025 IST

Link for the form is given below:

<https://docs.google.com/forms/d/e/1FAIpQLSeljXTgYOP-GB2wZlQwm-N7WxBI3GMq8j5caD9yMvh47NVrng/viewform?usp=dialog>