

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

REPORT ON SEMINAR

“E-Learning Courses: Opportunities for Skill Development and Academic Enrichment”

Date	20 August 2026 (Seminar); 31 August 2026 (Doubt Session)
Time	Different time slots for different classes (Seminar); 12:00 to 12:30 PM (Doubt Session)
Venue	Respective classroom of the concerned class (Seminar); Room No. 411 (Doubt Session)
Number of Students Attended	3 rd Sem: 149 (Seminar); 5 th Sem.: 20 (Doubt Session); 10 (On Call/WhatsApp/Personal Interaction)



1. Introduction

The Department of Computer Science and Engineering organized a seminar on “E-Learning Courses: Opportunities for Skill Development and Academic Enrichment” for CSE students on 20 August 2026. The seminar was delivered by Prof. Naresh Kumar, HOD, CSE (1st Shift), in different time slots for the concerned classes in their respective classrooms. A total of 149 second-year students from all sections of CSE attended the seminar.

The session aimed to provide students with information regarding e-learning courses, skill development opportunities, online learning platforms and the importance of obtaining additional certifications along with the regular academic curriculum.

2. E-Learning Courses and Skill Development

Students were informed that they may opt for any suitable e-learning course and complete it within the stipulated time. The objective is to encourage students to develop additional knowledge and skills through continuous learning beyond the regular classroom curriculum.

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The courses shared during the session are only reference examples and are not a compulsory or exhaustive list. Students were specifically advised to search for other suitable courses on their own and select a course according to their area of interest, academic requirements and future career goals.

3. Reference Courses Shared with Students

The following courses/platform links were shared only as reference examples. Students may explore these or other relevant courses available on recognized online learning platforms.

1. <https://www.skillindiadigital.gov.in/courses/detail/658a7e4d-dadd-4922-8f22-9593b904f690>
2. <https://www.skillindiadigital.gov.in/courses/detail/a7adf92a-74ce-4f38-b5e4-66b2dc41b838>
3. https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_mg158
4. https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs188
5. <https://www.skillindiadigital.gov.in/courses/detail/4dc1218c-e495-452c-b555-aa67ae23cdc3>
6. <https://www.skillindiadigital.gov.in/courses/detail/6b1b4e99-27b2-491d-95eb-8cf0240cec94>

4. Important Instructions Regarding Course Selection

- The courses shared during the presentation are only reference courses and are not compulsory.
- Students are encouraged to search and explore additional courses on their own.
- Students should select a course according to their interest, academic requirements or career goals.
- Students should check the course duration, eligibility and certification requirements before enrolling.
- The selected course should provide a valid course completion certificate.
- Students should enroll in and complete the selected course within the stipulated time.

5. Course Completion Certificate

Students were specifically informed that after successfully completing the selected course, they must obtain the corresponding course completion certificate. Students were advised to complete the course well in advance so that sufficient time is available to fulfil all course requirements and obtain the certificate. They should also retain a copy of the certificate for their personal record.

6. Relevance to NSS/NCC Viva

The students were informed that the course completion certificate will be useful during the NSS/NCC Viva scheduled at the end of the 6th Semester. Students were therefore advised to preserve the certificate carefully and submit it to the concerned Class Proctor as instructed.

7. Academic and Professional Development

The seminar emphasized that students should take advantage of online learning opportunities to enhance their knowledge and skills. Additional courses can provide exposure to subjects and technologies beyond the prescribed curriculum and may support students in internships, higher studies and placement preparation.

8. Key Instructions Communicated to Students

- Choose any suitable e-learning course according to individual interest.
- The courses shared in the presentation are only for reference.
- Search and explore other suitable courses independently.

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- Enroll in the selected course and complete it within the stipulated time.
- Obtain the course completion certificate after successful completion.
- Submit the certificate to the Class Proctor at the end of the semester.
- Keep a copy of the certificate safely for future reference.
- The certificate may be required during the NSS/NCC Viva at the end of the 6th Semester.

9. Placement Preparation and Skill Development

The importance of early and continuous placement preparation was also emphasized during the seminar. Students were advised to maintain good academic performance and develop a strong foundation in core technical subjects. Particular emphasis was placed on subjects such as Data Structures and Object-Oriented Programming, which are important for technical interviews and placement preparation. Students were encouraged to start their preparation early and participate in relevant technical activities, workshops, projects, internships, and skill-development courses.

It was also highlighted that different companies may have different selection criteria. Therefore, students should focus on overall academic performance, technical knowledge, problem-solving ability, and relevant skills rather than depending only on participation in specific events or activities.

10. B. Tech. Degree and Specialization Options

The students were also informed about the different degree options available under the academic scheme. The following four options were discussed:

10.1 B.Tech Degree

- Credits Required: 180 credits.
- Students are required to complete five subjects from the Emerging Area Electives (EAE) or Open Area Electives (OAE) groups.
- SWAYAM courses are not included in this option.

10.2 B.Tech with Minor Specialization

- Credits Required: 180 credits for the degree plus an additional 20 credits from a minor specialization group.
- Students can select from the predefined minor specialization groups, such as Artificial Intelligence (AI) and Artificial Intelligence & Machine Learning (AI & ML).
- SWAYAM courses are not included in this option.

10.3 B.Tech with Honors

- Credits Required: 200 credits, comprising 180 credits for the degree and 20 credits through SWAYAM courses.
- Minimum CGPA Requirement: 7.5.
- SWAYAM courses must be approved by the Academic Program Committee (APCT).

10.4 B.Tech with Minor Specialization and Honors

- Credits Required: 200 credits.
- The option combines the requirements of the B.Tech degree with minor specialization and Honors.
- Minimum CGPA Requirement: 7.5.

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- Students are required to complete five subjects within the selected minor specialization group. Students were informed that they will be required to select their specialization option through the prescribed process, and this choice will have an impact on their academic trajectory and the type of degree awarded. The source seminar report notes that a Google Form was to be provided in the 5th semester for this selection.

11. Doubt Session for 5th Semester Students

Further, a *doubt session was organized for 5th semester students* on 31st August 2026, from 12:00 to 12:30 PM, in Room No. 411, in which twenty students participated along with Dr. Vimal Gaur. The session addressed a range of student queries related to degree options, including the standard B.Tech degree, B.Tech with Minor Specialization, B.Tech with Honours, and B.Tech with Minor Specialization (Honours).

A total of 20 Students were present and raised questions on several aspects. These included whether any additional fees would be charged, the deadline for file submission, and how to check accumulated credits. They also asked whether IP University would conduct a separate examination for these programs, and if so, under which category. Additionally, they wanted to know whether these credits would be reflected in their overall degree percentage/CGPA. Dr. Naresh and Dr. Vimal addressed each of these queries in detail, and the students left with a clear understanding of the process. In addition, around 10 students had their individual queries resolved personally, over phone calls, or through WhatsApp.

12. Conclusion

The seminar provided students with useful information about e-learning opportunities and the importance of continuous skill development. Students were introduced to Skill India Digital and NPTEL as examples of online learning platforms and were encouraged to explore additional learning opportunities independently. It was clearly communicated that the courses shared during the presentation were only reference examples. Students have the freedom to search for and select other suitable courses according to their interests and career goals. Students were advised to enroll in a suitable course, complete it within the stipulated time, obtain the course completion certificate and submit it to the Class Proctor at the end of the semester.

HOD CSE-1st Shift