

**Guru Nanak Dev Engineering College, Ludhiana**  
**Department of Computer Science and Engineering**

Ref. No.: CSE/2/3823

Dated: 18/6/25

Minutes of meeting of 16<sup>th</sup> Board of Studies of CSE department held on 21<sup>st</sup> May, 2025 at 10:00 am in Committee room, GNDEC, Ludhiana.

Following members were present:

1. Dr. Kiran Jyoti, Associate Professor and Head, Department of Computer Science and Engineering, GNDEC, Ludhiana (Chairperson)
2. Dr. Parminder Singh, Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
3. Prof. Amanpreet Singh Brar, Associate Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member) – Could not attend
4. Dr. Amandeep Kaur Sohal, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
5. Dr. Vivek Thapar, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
6. Prof. Manjot Kaur Gill, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member and BoS Convener)
7. Dr. Priyanka Arora, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
8. Dr. Daljit Singh, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
9. Dr. Maninder Singh, Professor, TIET, Patiala, (Expert outside Parent University) Joined Online
10. Dr. Balwinder Singh Sodhi, Associate Professor, IIT, Ropar (Expert outside Parent University) – Joined Online
11. Dr. Rajesh Bhatia, Professor, PEC, Chandigarh (IKGPTU Nominee) – Could not attend
12. Er. Arijit Bakshi, Tools and Automation Specialist, Google Inc (Industry Expert)
13. Dr. Gurdit Singh, Assistant Professor, PAU, Ludhiana (Postgraduate Alumni)
14. Dr. Sandeep Singh Sandha, Founder of Punjab AI Excellence and Co-founder of mi0.ai (Special Invitee)
15. Dr. Akshay Girdhar, Dean (Academics) (Member)
16. Prof. Deepak Dhall, Controller of Examination - Nominee (Member)
17. Ms. Rida, B. Tech. 2<sup>nd</sup> year, Roll No. 2302647 (Member)
18. Ms. Jaspinder Kaur Walia, B. Tech. 3<sup>rd</sup> year, Roll No. 2203843 (Member)
19. Mr. Nishant Khanna, B. Tech. 4<sup>th</sup> year, Roll No. 2104147 (Member) – Could not attend
20. Mr. Sarvesh Garg, M. Tech. 1<sup>st</sup> year, Roll No. 2450008 (Member)
21. Ms. Kajal Chugh, M. Tech. 2<sup>nd</sup> year, Roll No. 2303225 (Member)

### **Agenda Item -3**

**3.1** Finalize the Syllabus and Course Outcomes of 3<sup>rd</sup> & 4<sup>th</sup> Semester of B.Tech. CSE Scheme - 2024.

- After discussions and deliberations, syllabus with course outcomes for subjects offered in 3<sup>rd</sup> semester is approved.
- After discussions and deliberations, syllabus with course outcomes for all subjects (except Artificial Intelligence) offered in 4<sup>th</sup> semester is approved.

Following suggestions were given for subject Artificial Intelligence:

- Introduction to topics like LLM, Deep Learning, Generative AI, AI Tools – notebook LMM etc. and Application areas of AI should be covered.

Further, Committee authorize the BOS chairperson for further changes if required.

**3.2** Discussion on Department Electives of Scheme-2024.

Following suggestions were given for B.Tech. CSE Scheme-2024

- BOS members advised that specializations can share elective courses that cater to elective tracks.
- For Artificial Intelligence specialization, for subject Generative AI, Prompt engineering and Natural Language Processing can be added.
- Actual trends of Generative AI should focus on real world problems like introducing topics like MCP, AI agents etc.
- Information Retrieval can be part of Data Science specialization.
- In Cloud computing subject, DevOps concepts, service level information like AI, Data Warehouse concepts should be covered.
- For Multimedia specialization, Computer Vision, Image processing topics can be shared with AI specialization.
- Augmented and Virtual Reality can be part of Computer Graphics.
- Suggestions from Dean Academics - Industry oriented track should be added and the subjects may be added time to time as per the industry needs.

- (iv) August-December 2023
- (v) Jan-June 2024
- (vi) Jan-May 2025

Approved

### **Agenda Item- 8**

Approval for panel of externals paper setters and examiners for B.Tech. (CSE) and M. Tech. (CSE) for End Semester Examinations.

Approved

### **Agenda Item- 9**

Approval of the syllabus of subject Emerging Technologies and Applications (BBA-111) and its evaluation criteria.

Approved

Meeting ended with the vote of thanks.

  
HOD (CSE) cum Chairperson  
Board of Studies

CC:

1. Principal, GNDEC, Ludhiana for kind information
2. All Members of BOS(CSE)
3. Dean Academics, GNDEC, Ludhiana