Department of Computer Science and Technology

Ref. No.: CUPB/HOD/CST/2025/462   Date: 21/2/25

Subject: Minutes of faculty meeting held on 19-02-2025

The meeting of the Curriculum Development Committee was held at 03.30 PM on 19-02-2025, in the office of HoD, CST.

The following faculty members were present in the meeting:
- i. Prof. Amandeep Kaur
- ii. Prof. Satwinder Singh
- iii. Dr. Meenakshi
- iv. Dr. Surinder Singh Khurana
- v. Dr. Parvinder Singh
- vi. Dr. Priyavrat Chauhan
- vii. Dr. Anam Bansal
- viii. Dr. Anandika Sharma
- ix. Dr. Swati Garg

The agenda of the meeting was to finalize the structure and syllabus for B.Tech. (Computer Science & Engineering), M.Tech (Computer Science and Technology), M.Tech (CST- Cyber Security), Ph.D (Computer Science and Technology), PG Diploma in Data Sciences For Bio-Informatic, PG Diploma in AI for Digital Imaging and Healthcare Data Analytics, and Certificate Programme in Neural Networks and Deep Learning.

The structure and content of the curriculum for the syllabus for B.Tech. (Computer Science & Engineering), M.Tech (Computer Science and Technology), M.Tech (CST- Cyber Security), Ph.D (Computer Science and Technology), PG Diploma in Data Sciences For Bio-Informatic, PG Diploma in AI for Digital Imaging and Healthcare Data Analytics and Certificate Programme in Neural Networks and Deep Learning, were analysed, and inputs were taken from the members to finalize the same.
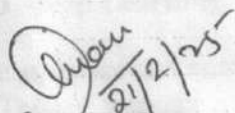
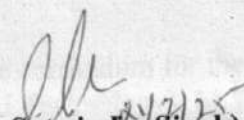During the discussions, the following points emerged:

1. The department will introduce a minor course titled "Introduction to AI," with the syllabus being prepared by Prof. Satwinder Singh. The content of this syllabus will be discussed in the next meeting.
2. Additionally, the department has increased the intake for the B.Tech program from 30 to 60 seats. It has been decided that 20 of these seats will be filled through JEE, while 40 seats will be filled through CUCET. If any seats remain vacant from the JEE allocation, they will be filled through CUCET, and vice versa.
3. It is decided faculty members will update the course content for existing courses and drafting syllabi for newly offered courses in the PG and PhD programs before the next meeting. The content of these syllabi will be discussed in the upcoming meeting.
4. Furthermore, the department has finalized the Course Structure for the B.Tech (Computer Science & Engineering) program (attached as Annexure-1).
5. It is decided faculty members Faculty members will draft the syllabus contents for various courses in the B.Tech. (Computer Science & Engineering) program based on their specializations and in accordance with the AICTE Model Curriculum. (As per Following Table) This task should be completed before the next meeting, where the syllabus content will be discussed.
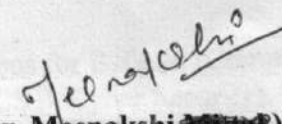
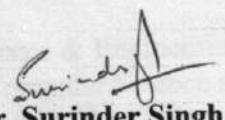| Sr. No.	Course Name	Faculty Name
1	Analog Electronic Circuits	Prof. Amandeep Kaur
2	Data structure and Algorithms	Dr. Parvinder Singh
3	Digital Electronics	Dr. Anam Bansal

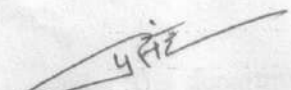| 4	IT Workshop	Prof. Satwinder Singh
5	Mathematics-III	Dr. Swati Garg
6	Humanities-I	Faculty from Social Science
7	Discrete Mathematics	Dr. Swati Garg
8	Computer Organization & Architecture	Dr. Anandika Sharma
9	Design & Analysis of Algorithms	Dr. Parvinder Singh
10	Advanced Programming	Dr. Priyavrat Chauhan
11	Management-I	Faculty from Management
12	Signals & Systems	Prof. Amandeep Kaur
13	Introduction to Database Systems	Dr. Surinder Singh Khurana
14	Machine Learning	Prof. Satwinder Singh
15	Operating Systems	Dr. Meenakshi
16	Humanities-II	Faculty from Social Science
17	Computer Networks	Dr. Meenakshi
18	Introductory Cyber Security	Dr. Surinder Singh Khurana
19	Theory of Computation	Prof. Satwinder Singh & Dr. Priyavrat Chauhan
20	Compiler Design	Prof. Satwinder Singh

6. It is decided faculty members (as per the specialization) will draft the syllabus content for the elective courses in the B.Tech. (Computer Science & Engineering) program before the next meeting. The syllabus content will be discussed at that meeting.

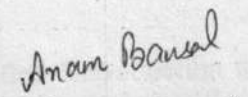(Prof. Amandeep Kaur)
Professor,
CST

(Prof. Satwinder Singh)
Professor,
CST

(Dr. Meenakshi Mittal)
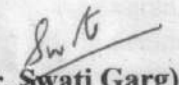Asst. Professor,
CST

(Dr. Surinder Singh Khurana)
Asst. Professor,
CST

(Dr. Parvinder Singh)
Asst. Professor,
CST

(Dr. Priyavrat Chauhan)
Asst. Professor,
CST

(Dr. Anaam Bansal)
Asst. Professor,
CST

(Dr. Anandika Sharma)
Asst. Professor,
CST

(Dr. Swati Garg)
Asst. Professor,
CST

Attachments

Course Structure for the B.Tech (Computer Science & Engineering) program.

Copy to:

1. Members of CDC (through email)
2. IQAC Cell

Department of Computer Science and Technology

Ref. No.: CUPB/HoD/CST/2025/10   Date: 23/4/25

Subject: Minutes of CDC faculty meeting held on 03-04-2025.

The meeting of the Curriculum Development Committee was held at 03.00 PM on 03-04-2025, in the office of HoD, CST.
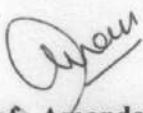
The following faculty members were present in the meeting:
i.   Prof. Amandeep Kaur
ii.   Prof. Satwinder Singh
iii.   Dr. Meenakshi
iv.   Dr. Surinder Singh Khurana
v.   Dr. Parvinder Singh
vi.   Dr. Priyavrat Chauhan
vii.   Dr. Anam Bansal
viii.   Dr. Anandika Sharma
ix.   Dr. Swati Garg
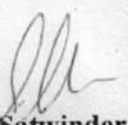
The agenda of the meeting was to finalize the syllabus for the following programs: B.Tech. in Computer Science & Engineering, M.Tech. in Computer Science and Technology, M.Tech. in CST-Cyber Security, Ph.D. in Computer Science and Technology, PG Diploma in Data Sciences for Bioinformatics, PG Diploma in AI for Digital Imaging and Healthcare Data Analytics, and a Certificate Programme in Neural Networks and Deep Learning.
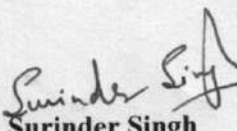
The curriculum content for these programs was analysed, and input was gathered from the members to finalize the syllabus.

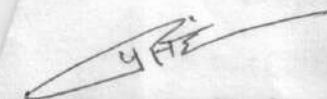During the discussions, the following points were addressed:

1. The syllabus for the university-level minor course titled "Minor in AI" was discussed and finalized (see attached Annexure-1).
2. The department updated and finalized the syllabi of courses in the PG programs in accordance with the AICTE guidelines of the model curriculum (see attached Annexure-2).
3. Faculty members discussed and finalized the syllabi of courses in the B.Tech. programs based on the AICTE model curriculum guidelines (see attached Annexure-3).
4. The minor specialization in B.Tech. was also discussed, and electives and open electives were decided in alignment with the AICTE model curriculum. Additionally, the syllabi for elective courses were discussed and finalized (see attached Annexure-3).
5. The department updated and finalized the syllabi of Ph.D. programs (see attached Annexure-4).

(Prof. Amandeep Kaur)
Professor, CST

(Prof. Satwinder Singh)
Professor, CST
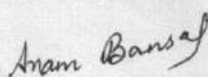
(Dr. Surinder Singh Khurana)
Asso. Professor, CST

(Dr. Meenakshi)
Asso. Professor, CST
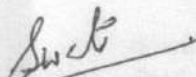
(Dr. Parvinder Singh)
Asst. Professor,
CST

(Dr. Priyavrat Chauhan)
Asst. Professor,
CST

(Dr. Anaam Bansal)
Asst. Professor,
CST

(Dr. Anandika Sharma)
Asst. Professor,
CST

(Dr. Swati Garg)
Asst. Professor,
CST

Attachments

Annexure-1 (Syllabus of minor course titled "Introduction to AI") *Minor is*

Annexure-2 (Syllabus of courses in the PG)

Annexure-3 (Syllabus of courses in the B.tech. programs)

Annexure-4 (Syllabus of courses in the PhD)

Copy to:

1. Members of CDC (through email)
2. IQAC Cell

Department of Computer Science and Technology

Ref. No.: CUP/HOD/CST/2024/255   Date: 29/5/24

Subject: Minutes of faculty meeting held on 16-05-2024 .

The meeting of the **Curriculum Development Committee** was held at 03.30 PM on 16-05-2024 in the office of HoD, CST.

The following faculty members were present at the meeting:

i.   Prof. Amandeep Kaur, Professor
ii. Dr. Satwinder Singh, Associate Professor
iii. Er. Meenakshi, Assistant Professor
iv. Er. Surinder Singh Khurana, Assistant Professor
v.   Dr. Parvinder Singh, Assistant Professor
vi. Er. Priyavrat Chauhan
vii. Er. Anam Bansal
viii. Er. Anandika Sharma

Members from other departments
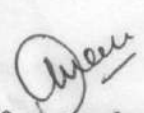
i. Prof. Anjana Munshi
ii. Prof. Monisha Dhimaan
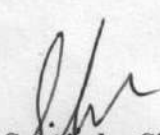v. Dr. Kawaljit Singh Kaura (AIIMS Bathinda)

The agenda of the meeting was to finalize the structure and syllabus for the PG Diploma in "AI for Digital Imaging and Healthcare Data."
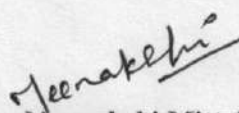
The structure and content of the curriculum for the syllabus of the PG Diploma in "AI for Digital Imaging and Healthcare Data program" were analyzed, and inputs were taken from the members to finalize the same.
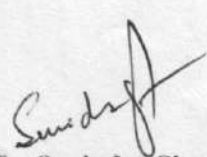
During the discussions, the following points emerged:

1. The Course Structure, Syllabus, Course Objectives, and Course Outcomes for the PG Diploma in "AI for Digital Imaging and Healthcare Data" were finalized as input was received from the concerned department's faculty members (Annexure-1).
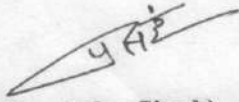
(Prof. Amandeep Kaur)
Professor,
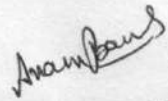CST

(Prof. Satwinder Singh)
Professor,
CST

(Er. Meenakshi Mittal)
Asst. Professor,
CST
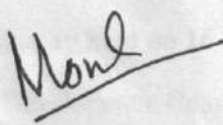
(Er. Surinder Singh Khurana)
Asst. Professor,
CST

(Dr. Parvinder Singh)
Asst. Professor,
CST

(Er. Priyavrat Chauhan)
Asst. Professor,
CST

(Er. Anaam Bansal)
Asst. Professor,
CST

(Er. Anandika Sharma)
Asst. Professor,
CST

(Prof. Anjana Munshi)
Professor,
Director, Research &
Development Cell

(Prof. Monisha Dhimaan)
Professor,
Director IQAC

(Dr. Kawaljit Singh
Kaura)
Associate Professor,
HOD Urology
AIIMS Bathinda

Attachments

1. Curriculum proposed for PG Diploma (Annexure-1).

Copy to:

1. Members of the CDDC (through email)
2. IQAC Cell