Department of Computer Science and Technology

Ref. No.: _____   Date: _____

Subject: Minutes of faculty meeting held on 24-01-2024.

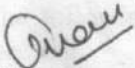The meeting of the Curriculum Development Committee was held at 03.30 PM on 24-01-2024, in the office of HoD, CST.

The following faculty members were present in 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
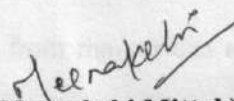   viii.   Er. Anandika Sharma

The agenda of the meeting was to finalize the structure and syllabus for new B.Tech. (Computer Science & Engineering) program.
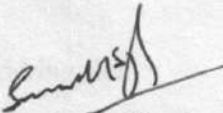
The structure and content of the curriculum for the new B.Tech. program was analyzed, and inputs were taken from the members to finalize the same. The following inputs and suggestions were received from the faculty members during the meeting.
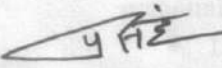
1. The department will adopt the Model Curriculum proposed by AICTE for the new B.Tech. (Computer Science & Engineering) program, attached as Annexure-1.
2. Interested faculty members can add new elective courses. The concerned faculty member will submit the draft of new elective courses to the HoD office on/before 15/02/2024.

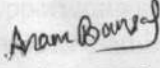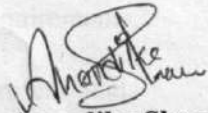|			
(Prof. Amandeep Kaur) Professor, CST	**(Prof. Satwinder Singh)** Professor, CST	**(Er. Meenakshi Mittal)** Asst. Professor, CST	**(Er. Surinder Singh Khurana)** Asst. Professor, CST
(Dr. Parvinder Singh) Asst. Professor, CST	**(Er. Priyavrat Chauhan)** Asst. Professor, CST	**(Er. Anaam Bansal)** Asst. Professor, CST	**(Er. Anandika Sharma)** Asst. Professor, CST

Attachments

1. Model Curriculum proposed by AICTE (Annexure-1).

Copy to:

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

Director, Research & Development Cell
Central University of Punjab Bathinda

Ref. No.: _____   Date:
_____

Subject: Minutes of CDC meeting held on 02-02-2024.

The meeting of the Curriculum Development Committee for Diploma in AI & Healthcare with collaboration of AIIMS Bathinda was held at 03.00 PM on 02-02-2024, in the IQAC meeting hall.

The following faculty members were present in the meeting:
i. Prof. Anjana Munshi
ii. Prof. Monisha Dhimaan
iii. Prof. Amandeep Kaur
iv. Prof. Satwinder Singh
v. Dr. Kawaljit Singh Kaura (AIIMS Bathinda)
vi. Dr. Parvinder Singh

The agenda of the meeting was to finalize the structure for new diploma course in AI & Healthcare.

The structure and content of the curriculum for the new diploma course in AI & Healthcare was analysed, and inputs were taken from the members to finalize the same.

The following inputs and suggestions were received from the various members during the meeting.

1. In-order to create best skill-based diploma with placement opportunities, the department of computer science will create a google questionnaire and share with different stakeholders like healthcare industries, pharma companies, medical professionals, and various academicians to collect the current industry requirements, potential takeover candidates, and placement opportunities etc.
   - Dr. Kaura will collect the data from AIIMS Bathinda, Medical Professionals and various Pharma Companies.
   - Professor Amandeep Kaur & Dr. Parvinder Singh will collect the data from various industries working in area of healthcare equipment.
   - Professor Satwinder Singh will collect the data from various departments like computational science, Human Genetics, Bio-chemistry, Pharmacy etc of CU Punjab.
2. Interested faculty members of CST will visit the skill universities to explore the various industry-based skill courses mainly related to Healthcare & AI.
3. Dr. Kaura will connect to the NSDC (National Skill Development Corporation) and get the draft of various advance future learning courses related to Healthcare & AI.

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

(Prof. Monisha Dhimaan)
Professor,
Director IQAC

(Prof. Amandeep Kaur)
Professor,
HOD CST

(Prof. Satwinder Singh)
Professor,
Dean SET

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

(Dr. Parvinder Singh)
Asst. Professor,
CST

Copy to:

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

Department of Computer Science and Technology

Ref. No.: CUP/HOD/CST/2024/887   Date: 26/4/24

Subject: Minutes of faculty meeting held on 10-04-2024 and 24/04/2024

The meeting of the Curriculum Development Committee was held at 03.30 PM on 10-04-2024 and at 02.30 PM on 10-04-2024 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 (Only I 10/04/2024)

The agenda of the meeting was to finalize the structure and syllabus for 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, Certificate Programme in Neural Networks and Deep Learning, and new B.Tech. (Computer Science & Engineering) program.

The structure and content of the curriculum for the syllabus for 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, Certificate Programme in Neural Networks and Deep Learning, and new B.Tech. (Computer Science & Engineering) program were analyzed, and inputs were taken from the members to finalize the same.

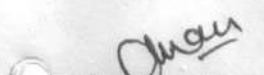During the discussions, the following points emerged:

1. The Course Structure for 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, Certificate Programme in Neural Networks remained the same as per the feedback from various stakeholders.
2. Concerned faculty members have made Minor changes in the following subjects (Annexure-1).

Sr. No.	Subject Name & Code	Semester	Changes	Percentage of Changes
1.	Advanced data structures CST-506	1st	Decision Problems: P, NP, NPC, NP-Hard included in 4th Units	3%
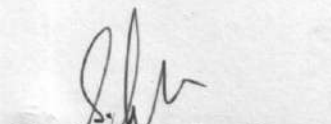
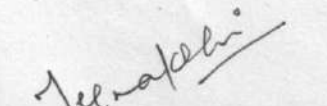| 2.	Natural Language Processing CST.539	2nd		5%
3.	Big Data Analytics and Visualization CBS-524	2nd	Aggregation, Filtration and Searching, Validation Rules, Schema Analysis, Indexing Text Analytics: Text Classification; Text Analytics with Word2Vec, BERT, GLOVE. Use of Tableau or similar tools for data Visualisation Big Data Tools	8 /

3. The Course Structure for New B.Tech. (Computer Science & Engineering) program was adopted from the Model Curriculum proposed by AICTE with minor changes, and the Program Objectives were finalized (Annexure 2).

4. The Syllabus, Course Objectives, and Course Outcomes for 1st and 2nd Semesters for new B.Tech. (Computer Science & Engineering) was finalized as input was received from the concerned department's faculty members (Annexure-3).

(Prof. Amandeep Kaur)
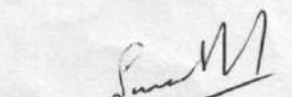
Professor,

CST

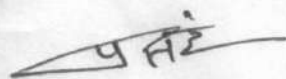(Prof. Satwinder Singh)

Professor,

CST

(Er. Meenakshi Mittal)
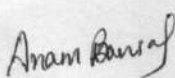
Asst. Professor,
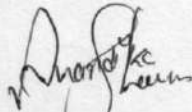
CST

(Er. Surinder Singh Khurana)

Asst. Professor,

CST

Attachments

1. Model Curriculum proposed by AICTE (Annexure-1).

(Dr. Parvinder Singh)   **(Er. Priyavrat Chauhan)**   **(Er. Anaam Bansal)**   **(Er. Anandika Sharma)**

Asst. Professor,   Asst. Professor,   Asst. Professor,   Asst. Professor,

CST   CST   CST   CST

Copy to:

1. Members of the CDDC (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
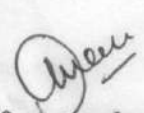
i. Prof. Anjana Munshi
ii. Prof. Monisha Dhimaan
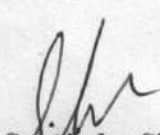v. Dr. Kawaljit Singh Kaura (AIIMS Bathinda)

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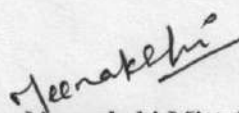
The structure and content of the curriculum for the syllabus of the PG Diploma in "AI for Digital Imaging and Healthcare Data program" were analyzed, and inputs were taken from the members to finalize the same.
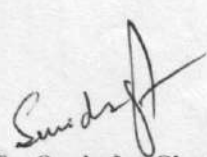
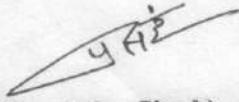During the discussions, the following points emerged:

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).

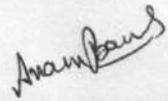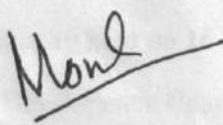|			
(Prof. Amandeep Kaur) Professor, CST	(Prof. Satwinder Singh) Professor, CST	(Er. Meenakshi Mittal) Asst. Professor, CST	(Er. Surinder Singh Khurana) Asst. Professor, CST

(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