



TECHNO INDIA UNIVERSITY

WEST BENGAL

EM 4, Sector V, Salt Lake, Kolkata-700091, West Bengal, India

Phone: +91 9836544416/17/18/19, Fax: +91 33 2357 1097

Minutes of the Meeting of the Board of Studies (BoS)

Department of Computer Science and Business Systems, Techno India University, West Bengal

Date: 22nd March 2021

Venue: SAP Room, Techno India University, West Bengal

Time: 3:30 P.M.

Members Present	Name	Designation
1	Prof. Dr. Ajit Pal	External Expert (Academic)
2	Dr. Jayanta Poray	HoD, CSE (Chairperson)
3	Prof. Dr. Bidyut Baran Chaudhuri	Internal Member
4	Prof. Dr. Swapan Bhattacharya	External Expert (Academic)
5	Prof. Dr. Samiran Chattopadhyay	Professor, Dept. of IT, JU (External Expert)
6	Mr. Tarit Bhattacharya	External Expert (Industry)

Agenda of the Meeting:

1. Presentation and approval of Program Outcomes (PO) and Course Outcomes (COs) for CSBS.
2. Review and approval of curriculum modifications based on TCS Internal Steering Committee recommendations.
3. Approval of revised evaluation methods for practical/project-based courses in Semester 7.
4. Professional Ethics, Gender, Human Values, and Environment and Sustainability
5. General discussions: Internship, placement, research, industry connect, events, and best practices.

Call to Order and Quorum:

The meeting was called to order by the Chairperson at 3:30 PM. With sufficient quorum present, proceedings commenced.

Agenda 1: Program Outcomes and Course Outcomes

The members noted the finalized **Program Outcomes (PO)** of the B.Tech in Computer Science and Business Systems. Each course now includes clearly defined **Course Outcomes (COs)** and their respective **CO-PO mappings** to ensure academic alignment with program goals.

Agenda 2: Curriculum Modifications based on TCS Steering Committee Recommendations

The following curriculum revisions were proposed and unanimously accepted by the board:

Course Name	Previous Semester	Revised Semester
Software Engineering	3	4
Database Management Systems	4	3
Software Design with UML	4	5
Design and Analysis of Algorithms (DAA)	5	4
Marketing Research & Marketing Management	8	4
Services Science & Service Operational Management + Lab	8	7
IT Project Management + Lab	8	7
Behavioral Economics /Computational Finance & Modeling / Psychology	8	5
Enterprise Systems / Advance Finance / Image Processing and Pattern Recognition + Lab	8	6

These changes were made for **better sequencing and improved industry alignment** and to build upon foundational knowledge progressively.

Annexure II contains the revised syllabi for the above-mentioned subjects.

Agenda 3: Revised Evaluation Method for 7th Semester Courses

The following three **practical/project-based courses** from Semester 7 will now follow a **practically driven evaluation format**:

Sl. No.	Subject Code	Subject Name	Credit
1	TIU-UCBCS-C401	IT Workshop (SkyLab / MATLAB + Lab)	3
2	TIU-UCBCS-C403	Usability Design of Software Applications + Lab	2.5

3	TIU-UCBCS-C407	IT Project Management + Lab	4
---	----------------	-----------------------------	---

Theory Evaluation (100 Marks):

- Quiz: 8 marks
- Internal Assessment: 20 marks
- Attendance: 5 marks
- Assignment: 7 marks
- Final Project-Based Evaluation: 60 marks

Lab Evaluation (100 Marks):

- Continuous Assessment: 40 marks
- Viva Voce: 60 marks

Note: No written ESA (End Semester Assessment) will be conducted for these papers henceforth.

Agenda 4: Professional Ethics, Gender, Human Values, and Environment and Sustainability

The following courses were identified as instrumental in promoting Professional Ethics, Gender, Human Values, and Environment and Sustainability:

Year	Course Name	Subject Code	Professional Ethics	Gender	Human Values	Environment and Sustainability
2021	QUANTUM COMPUTATION / SOCIAL ANALYTICS /	TIU-UCBCS-C455C	Medium	Medium	Medium	Low
2021	IT PROJECT	TIU-UCBCS-L405	High	Low	Medium	Low

2021	PROJECT EVALUATION	TIU-UCBCS-P404	Medium	Low	Medium	Low
2021	USABILITY DESIGN OF SOFTWARE APPLICATIONS	TIU-UCBCS-C403	Medium	Low	Medium	Low
2021	SERVICES SCIENCE & SERVICE	TIU-UCBCS-C405	Medium	Low	Medium	Low
2021	ARTIFICIAL INTELLIGENCE	TIU-UCBCS-C306	Medium	Low	Medium	Low
2021	SOFTWARE ENGINEERING	TIU-UCBCS-C214	Medium	Low	Medium	Low
2021	MARKETING RESEARCH & MARKETING	TIU-UCBMG-T202	Medium	Medium	Medium	Low
2021	FORMAL LANGUAGE AND	TIU-UCBCS-T201	Low	Low	Low	Low

Agenda 5: General Discussions

The following points were discussed:

- **Evaluation methods:** Members reviewed the distribution of marks for MTA, ESA, and lab components, proposing periodic reviews for effectiveness.
- **Internships & Placement:** Placement status from the last academic year was reviewed. It was agreed that better industry partnerships and alumni engagement can boost placement quality.
- **Research:** Faculty and students were encouraged to publish and collaborate more with external research institutions.
- **Industry Connect:** Plans to invite industry professionals for lectures and workshops were discussed.
- **Departmental Events:** Past events including hackathons, seminars, and coding bootcamps were appreciated. More such initiatives are to be encouraged.
- **Best Practices:** Incorporation of feedback-driven course improvements, continuous mentoring, and peer-learning circles were recognized and recommended for wider adoption.

Resolution:

- The Program Outcomes (PO) and Course Outcomes (COs) were approved.
- The curriculum changes based on TCS Internal Steering Committee recommendations were reviewed and unanimously accepted.

- The revised practical evaluation method for 7th Semester was approved for implementation from the AY 2025–2026.
- The board appreciated the department's initiatives toward industry readiness, skill development, and research promotion.

Vote of Thanks:

With no further matters to discuss, the Chairperson concluded the meeting with a formal Vote of Thanks to all members for their active participation.

Annexures:

- **Annexure I:** Full syllabus with COs and CO-PO mappings.
- **Annexure II:** Detailed syllabus of revised subjects reflecting curriculum modifications.


HEAD OF THE DEPARTMENT
Dept. of Computer Science and
Business Systems (CSBS)
Techno India University, West Bengal



TECHNO INDIA UNIVERSITY

WEST BENGAL

Dated: 22nd March 2023

Venue: SAP Room, Techno India University, West Bengal

Time: 3:30 P.M.

CSBS BOS 2022-23 Attendance Sheet

Sr. No.	Name	Signature
1	Prof. Dr. Ajit Pal	APal
2	Dr. Jayanta Poray	Joray
3	Prof. Dr. Bidyut Baran Chaudhuri	B.B Chaudhuri
4	Prof. Dr. Swapan Bhattacharya	SBhattacharya
5	Prof. Dr. Samiran Chattopadhyay	S. Chattopadhyay
6	Mr. Tarit Bhattacharya	TBhattacharya