

Narula Institute of Technology

Department of Computer Science and Technology

MINUTES OF THE MEETING OF BOARD OF STUDIES OF CST DEPARTMENT HELD ON 06/03/2025 FROM 2:00 PM AT COMPUTER LAB NO 316R OF NARULA INSTITUTE OF TECHNOLOGY CAMPUS

Members Present

1. **Prof. Chandan Majumdar**, VC Nominee, External Expert, Professor, JU, Kolkata
2. **Prof. Asit Kumar Das**, External Expert, Professor, IEST, Shivpur, Howrah
3. **Dr. Samir Roy**, External Expert, Ex- Professor, NITTTR, Kolkata
4. **Mr. Samrat Paul**, Head, IT and HR, McNally Bharat Engineering Company Ltd, Former project manager, CTS (Online)
5. **Dr. Koushik Karmakar**, HEAD, CST, NiT
6. **Ms. Pritusna Banik**, Assistant Professor, CST, NiT

The meeting began with the chairman giving a welcome speech, and it then moved on to agenda-based discussion.

Agenda 1: To consider review of existing R21 & R23 Curriculum.

Resolution: HOD, CST Dept. started discussion on the review of the existing curriculum. The BOS members therefore recommended that as the R23 curriculum is the most recent version, it should be reviewed. Members of the BOS proposed the following modifications to the current R23 curriculum. These recommendations are generally agreed upon. It is recommended that:

01. The subject "Formal Language and Automata theory" (subject code: CT403) be moved from its current fourth semester to the fifth semester.
02. The practical paper "Programming lab using Python" (subject code: CT493) be moved from its current fourth semester to the fifth semester.
03. The "Object Oriented Programming with Java" (subject code: CT503) be moved from its current fifth semester to the fourth semester.
04. The name of the paper "Object Oriented Programming using Java" (subject code: CT503) will be renamed as "Object Oriented Programming".
05. The "Object Oriented Programming with Java Lab" (subject code: CT593) be moved from its current fifth semester to the fourth semester.
06. The name of the paper "Object Oriented Programming using Java Lab" (subject code:

CT593) will be renamed as “Object Oriented Programming Lab”.

07. The paper “Artificial Neural Networks & Deep Learning (subject code: CT701)” should be renamed as “Deep Learning Technique.”
08. The paper "Artificial Neural Networks & Deep Learning (subject Code: CT701)" requires a revision to its current syllabus.
09. In the topic names "Major Project-I (CT781)" and "Major Project-II (CT882)," the term "major" should be eliminated.

Agenda 2: To discuss the structure of R25 Curriculum.

Resolution: Since the current R23 curriculum has many suggested improvements, it was suggested that these modifications be included in the proposed new curriculum. New curriculum should have the following modifications:

01. The subject "Formal Language and Automata theory" (subject code: CT403) be moved from its current fourth semester to the fifth semester.
02. The practical paper "Programming lab using Python" (subject code: CT493) be moved from its current fourth semester to the fifth semester.
03. The “Object Oriented Programming with Java” (subject code: CT503) be moved from its current fifth semester to the fourth semester.
04. The name of the paper “Object Oriented Programming using Java” (subject code: CT503) will be renamed as “Object Oriented Programming”.
05. The “Object Oriented Programming with Java Lab” (subject code: CT593) be moved from its current fifth semester to the fourth semester.
06. The name of the paper “Object Oriented Programming using Java Lab” (subject code: CT593) will be renamed as “Object Oriented Programming Lab”.
07. The paper “Artificial Neural Networks & Deep Learning (subject code: CT701)” should be renamed as “Deep Learning Techniques / Deep Learning”.
08. The paper "Artificial Neural Networks & Deep Learning (subject Code: CT701)" requires a revision to its current syllabus.
09. In the topic names "Major Project-I (CT781)" and "Major Project-II (CT882)," the term "major" should be eliminated.

Agenda 3: To consider and approve Board of Examiners for theory and practical examination.

Resolution: HOD of CST department proposes the names of the following Board of Examiners including external examiners for practical examination and moderators for semester question papers:

Dr. Bikramjit Pal, Prof. Amitava Sen, Prof. Mallika De, Dr. Chandan Giri, Prof. Paramartha Dutta, Prof. Pinakpani Pal, Prof. J. K Mandal, Dr. Kaushik Roy, Dr. Kousik Dasgupta, Prof. Suman Bhowmik, Prof. Utpal Biswas, Prof. Devadatta Sinha. Dr. Koushik Majumder, Dr. Punyasha Chatterjee, Dr. Dharamapal Singh, Dr. Sangeeta Bhattacharya, Dr. Mouparna Nandan, Dr. Abhijit Das, Mr. Atanu Roy Chowdhury, Dr. Tapan Chowdhury, Dr. Kunal Das, Prof. Devadatta Sinha, Dr. Utpal Biswas, Dr. Punyasha Chatterjee, Dr. Jaydeep Howlader, Dr. Amitava Nag, Dr. Manisha Barman, Dr. Kartick Chandra Monda, Dr. Chayan Haldar.

List of paper-setters and examiners are attached for ready reference. It has been decided that external examiners and moderators can be appointed from these and in case of non availability of any examiner and moderator HOD can call any external expert from reputed organization discussing in the DAC.

Agenda 4: Discussion about improvement of the department (as the Department started in 2021).

Resolution: The CST Department was established in 2021. Initially, it was started under the CSE Department, but now it functions as a fully functional department. However, BOS members pointed out the following:

01. The ratio of faculty to students is extremely low. For the Department to run smoothly, it needs to be increased.
02. Faculty members with PhDs are preferred, and non-PhD faculty members need to finish it as soon as feasible.
03. All computer laboratories must be updated with GPU-based computers.
04. Every computer lab needs a technical assistant.

Agenda 5: Inclusion of NPTEL courses in the curriculum as a credit transfer process.

Resolution: BOS members agreed that NPTEL courses can be offered to the students, and scores obtained in the NPTEL exams may be considered for the credit transfer of the students. In that case, 30% marks will be taken from NPTEL and the rest 70% will be on the basis of a test to be arranged locally. However, if anyone is interested in obtaining an NPTEL certificate, he/she may take the NPTEL test too, but that will be his/her personal choice.

Agenda 6: Miscellaneous.

BOS members suggested that for making a student industry-ready, more interaction with the industry is required. For that duration, the student internship may be extended. There may be a provision that the final semester students will complete their internship in the industry only, and thus they will get better exposure and will be industry-ready.

There is no other significant discussion, and the meeting ends with thanks from and to the chair.

A handwritten signature in blue ink, reading "K. Karmakar", with a horizontal line underneath.

Dr. Koushik Karmakar

Chairman, BOS

HOD & Assistant Professor, CST Department