भारतीय सूचना प्रौद्योगिकी संस्थान, नागपुर
Indian Institute of Information Technology, Nagpur
"An Institution of National Importance by an Act of Parliament"
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MINUTES OF THE 16th MEETING OF THE SENATE HELD ON 24-12-2024 (TUESDAY) AT 10.30 AM ONWARDS IN THE BOARD ROOM OF IIITN

The following Members attended the Meeting:

Sr. No.	Name & Address	Designation
1	**Dr. Prem Lal Patel**, Director, IIIT, Nagpur	Chairman
2	**Dr. (Ms). Pushpa Trivedi,** Senior Professor & Head Economics Department, Shiv Nadar University Chennai	Member
3	**Dr. Aparajeeta Ojha**, Professor, Dept. of CSE, IIITDM, Jabalpur	Member
4	**Shri Arvind Kumar**, Centre Head, TCS, Nagpur	Member
5	**Shri Bhaskar Sharma,** Tata Consultancy Services	Member
6	**Dr. Tausif Diwan**, Associate Dean, IIIT, Nagpur	Member
7	**Dr. Nishat Ansari**, HoD (CSE), IIIT, Nagpur	Member
8	**Dr. Harsh Goud**, HoD (ECE), IIIT, Nagpur	Member
9	**Dr. Prasad Joshi**, HoD, (BS), IIIT, Nagpur	Member
10	**Shri Kailas N Dakhale**, Registrar, IIIT Nagpur	Member Secretary

Dr. A.G. Keskar, Ex-Professor (ECE), VNIT Nagpur and **Er. (Mrs) Padma Rao,** Chief Scientist & Head (EAPI Division), CSIR-NEERI could not attend the meeting due to their prior engagements.

S16.01: **To note and confirm the Minutes of 15th Senate Meeting held on 4th Nov. 2024.**

Resolution: As no comments were received from the Members on the circulated Minutes of Meeting (MoM), the Senate confirmed the MoM of 15th Senate Meeting held on 4th Nov. 2024.

S16.02: **Action Taken Report on the MoM of 15th Senate Meeting.**

Resolution: The Senate noted the Action Taken Report on 15th Senate Meeting held on 4th Nov. 2024

S16.03: **To approve the recommendations of the Meeting of the Board of Studies (BoS) of Computer Science and Engineering Department held on 03-12-2024.**

Resolution: The Senate deliberated on the matter and approved the recommendations of the Meeting of the Board of Studies (BoS) of Computer Science and Engineering Department held on 03-12-2024. Further, the Senate opined that the mapping of the Course Outcomes and Programme Outcomes should be completed.

The summarized details of the approvals provided by the Senate are as under:

Sr. No.	Approval provided by Senate	Remark
1	The senate approved the syllabi of two core courses – "Parallel and Distributed Computing (CSL317)" and "Optimization Techniques in ML (CSL318)" for the VI semester of B.Tech. CSE (AI & ML) with suggestions to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The syllabus along with revised CO-PO mapping table is presented in **Annexure-1**
2	The senate approved the syllabus of core course "Computer Vision and Deep Learning (CSL313)" for the VI Semester B. Tech. CSE (DSA) with suggestions to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The syllabus along with revised CO-PO mapping table is presented in **Annexure-2**
3	The senate approved the syllabus of core course "2D and 3D Game Development (CSL310)" for the VI semester of B.Tech. CSE (HCI & GT) with suggestions to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The syllabus along with revised CO-PO mapping table is presented in **Annexure-3**
4	The senate approved the syllabus of elective course "Industrial and Social Applications of Digital Twins (CSL467)" for B.Tech. CSE and as an open/elective course to ECE students with suggestions, to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The syllabus along with revised CO-PO mapping table is presented in **Annexure-4**
5	The senate approved the minor changes proposed in the syllabus of elective course "Computational Finance (CSL451)" for B.Tech. CSE with suggestions to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The syllabus along with revised CO-PO mapping table is presented in **Annexure-5**

Sr. No.	Approval provided by Senate	Remark
6	The senate approved the restoration of the structure (3-0-2-4) of three courses "Distributed Computing Systems (CSL423)", "Introduction to Parallel Computing (CSL 435)", and "Bioinformatics (CSL437)" with suggestions to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The structure and syllabus along with revised CO-PO mapping table is presented in **Annexure-6**
7	The senate approved to replace the course title "Topics in Artificial Intelligence" (CSL455) with the course "Intelligent Systems (CSL468)" with suggestions to complete the CO-PO mapping table. Additionally, the senate approved the syllabi of two courses "Natural Language Understanding and Generation (CSL456)" and "Parallel Computer Architecture (CSL457)" with suggestions to complete the CO-PO mapping table. CO-PO mapping table has been updated as per the suggestions.	The syllabus along with revised CO-PO mapping table is presented in **Annexure-7**

S16.04: **To approve the recommendations of the Meeting of the Board of Studies (BoS) of Electronics & Communication Engineering Department approved through circulation on 04-12-2024.**

Resolution: The Senate deliberated on the matter and approved the recommendations of the meeting of the Board of Studies (BoS) of Electronics & Communication Engineering Department which was approved through circulation on 04-12-2024.

The summarized details of the approvals provided by the Senate are as under:

a. Senate has approved the syllabus of following fractal courses for 6th Semester of approved B.Tech. ECE (Internet of Things) scheme:

- Antenna Design and Radiation (ECEF01)
- Routing in Wireless Sensor Network (ECEF02)
- Sensor Fusion (ECEF03)

The details are attached as **Annexure – 8**.

b. Senate has approved the syllabus of IoT Security (ECE 326) course for 6th Semester of approved B.Tech. ECE (Internet of Things) scheme.

The details are attached as **Annexure – 9**.

S16.05: **To approve one mid-semester examination instead of two sessional examinations for a course in a semester.**

Resolution: The Senate noted that the Institute used to conduct Sessional 1 and Sessional 2 Examinations of higher semesters and for the first semester separately due to delayed admissions of First Year, resulting in huge time consumption for conducting the Sessional Examinations.

Due to the infrastructure crunch, higher semesters classes/labs get disturbed due to the Sessional Examination of first year and vice-versa. Frequent rescheduling of classes and labs are done due to the faculty members invigilation duties during the Sessional Examinations.

One mid semester examination in a semester instead of 2 Sessional examinations shall cater the aforementioned issues to the considerable extent.

The Senate deliberated on the matter and approved the proposal for conducting one mid-semester examination instead of two sessional examinations for a course in a semester for evaluation of a Theory Course **from the Academic Session 2025-26 onwards** as under:

Particulars	Marks	Duration / Details
One Mid-Sem Exam	30 Marks	1.5 Hours
End Sem Exam	50 Marks However, the Papers shall be set for 100 Marks which would be scaled down to 50 Marks for final gradation	3.0 Hours
Teacher Assessment	20 Marks The Teacher Assessment shall be quantitative and specific; Assessment shall not be vague.	Surprise Quiz, Tutorials, Assignments, Mini Projects

S16.06: **To approve the recommendations of the Minutes of the Meeting of Board of Studies (BoS) of Basic Sciences Department approved by circulation on 02-12-2024.**

Resolution: The Senate approved the syllabus of the new Course viz. "Digital Wellness – Stabilize your mind to utilize your brain" commencing from Jan. 2025 Academic Session.

The details are attached as **Annexure – 10**.

The Senate Members appreciated the initiative of the Institute in hosting such course which would be a noble cause for stabilizing the mind of students and help in their digital detox. The MoU signed between IIITN and Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya, Mount Abu, Rajasthan is noted by August House.

S16.07: To approve the recommendations of the Minutes of the Meeting of the Board of Studies (BoS) of Computer Science & Engineering Department for introduction of new course viz. "Industrial & Social Applications of Digital Twins".

Resolution: The Senate approved the new Course viz. "Industrial & Social Applications of Digital Twins" commencing from Jan. 2025 Academic Session.

The proposal to start the Course viz. "Industrial & Social Applications of Digital Twins" from TCS is also a welcome initiative and such courses must be encouraged for enhancement in Academic-Industry relationship. The Senate extended thanks to TCS for the initiative.

S16.08: Reporting Item.

S16.08.01: Successful conduct of 4th Convocation of the Institute.

Resolution: Noted.

S16.09: Any other item with permission of the Chair.

The following few suggestions were received from the Institute Senate Members for new academic initiatives:

a. The courses on "Drone Technology" & "Robotics" can be offered as new Electives.

b. The Institute should explore the possibility of starting regular M.Tech Programme with appropriate specializations.

c. The Institute should explore the possibility of allowing candidates having Degree in Master of Computer Application (MCA) or its equivalent as eligibility criteria for getting admission in PhD Programmes.

The meeting ended with vote of thanks to all the Members present in the meeting.

KAILAS DAKHALE
MEMBER SECRETARY

PROF. (DR.) PREM LAL PATEL
CHAIRMAN