



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 9th MEETING OF THE SENATE
HELD ON 21-05-2021 (FRIDAY)
Through Video Conferencing at 11.15 AM

The following Members attended the Meeting through Video Conferencing:

Sr. No.	Name & Address	Designation
1	Dr. O.G. Kakde, Director, IIIT, Nagpur	Chairman
2	Dr. A.G. Keskar, Professor (ECE), VNIT, Nagpur	Member
3	Dr. (Mrs). Pushpa Trivedi, Professor, Humanities, IIT, Bombay	Member
4	Dr. (Mrs) Aparajeta Oza, Professor, Computer Science and Engineering, IIITDM, Jabalpur	Member
5	Dr. A.G. Kothari, In-charge Dean, IIIT, Nagpur	Member
6	Er. (Mrs). B. Padma S. Rao, Principle Scientist & Head, LEPD Division, CSIR-NEERI, Nagpur	Member
7	Shri Bhaskar Sharma, Consultant, TCS	Member
8	Dr. Jitendra Tembhone, Head of the Department (Computer Science & Engineering), IIIT, Nagpur	Member
9	Dr. Tapan Jain, Head of the Department (Electronic & Communication Engineering), IIIT, Nagpur	Member
10	Dr. Charu Goel, Head of the Department (Basic Science), IIIT, Nagpur	Member
11	Shri Kailas N Dakhale, I/c Registrar, IIIT Nagpur	Member Secretary

Shri Arvind Kumar, Centre Head, ICS, Nagpur could not attend the meeting due to some urgent official work.

S09.01: To note and confirm the Minutes of 8th Senate Meeting held Online on 18th Sept. 2020.

Resolution: The Senate confirmed the Minutes of 8th Senate Meeting held Online on 18th Sept. 2020.

S09.02: To Note the Action Taken Report on 8th Senate Meeting.

Resolution: The Senate noted the Action Taken Report on 8th Senate Meeting.

S09.03: To approve the recommendations of Board of Studies (BoS) of Computer Science & Engineering Department.

Resolution: The Senate deliberated on the matter and approved the recommendation of the BoS (CSE) held on 24th, 25th & 27th March 2021.

S09.04: To approve the recommendations of Board of Studies (BoS) of Electronics & Communication Engineering Department.

Resolution: The Senate deliberated on the matter and approved the recommendation of the BoS (ECE) held on 23rd March 2021.

S09.05: To approve an Institute Level Courses IAL201 & IAL202 Activity based Learning.

Agenda: To incentivize students to participate in research activity based learning these courses of 3 Credits are hereby proposed as follows:

Course Code	Course Title	L	T	P	Credit	Sem
IAL201	Activity based Learning – I	0	0	3	3	Odd
IAL202	Activity based Learning – II	0	0	3	3	Even

The rules to avail the credits of these courses are proposed as follows:

- a) This Course can be opted in lieu of any two Open Courses and credits earned will be considered under the overhead of OC.
- b) The student must have an involvement of at least two semesters in design, development or research project monitored supervised institute faculty coordinator and industry supervisor if any.

This includes projects like ISRO Suchita where students are mentored by professionals from industry, academic institutions of national and international repute to work on specific thematic areas.

- c) A semester long evaluation methodology will be devised by the respective department including report submission, seminar presentation etc.



- d) The credits will be awarded only after successful completion of the project certified by the institute supervisor and external funding agency if any.

Resolution:The Senate deliberated extensively on the matter and approved the proposed Institute Level Courses viz. IAL201 & IAL202 Activity based Learning – I & II.

S09.06: To approve following changes in the credit allotment and semester mapping for final year B.Tech Projects.

(BoS Ref Agenda: CSE (B08.04) & ECE (B08.04))

Agenda: To facilitate students to have some measurable outcomes of the B.Tech final year project like working prototypes, Publications etc it has been realized that Current one semester duration of the project is insufficient. Hence it is hereby proposed to have project duration of two semesters in two phases without affecting the total current credit distribution. The details are as follows:

Current Final Year Project duration and credits as per the scheme:

Sem	Course Code	Course Title	Structure L-T-P	Credits
VIII	ECD/CSD 401	FY Project	0-0-8	8

Final Year Project duration and credits to be updated as follows:

Sem	Course Code	Course Title	Structure L-T-P	Credits
VII	ECD/CSD 403	Project Phase – I	0-0-2	2
VIII	ECD/CSD 404	Project Phase – II	0-0-6	6

Resolution:The Senate deliberated extensively on the matter and approved the proposed changes in the credit allotment and semester mapping for final year B.Tech Projects subject to the review of the credit break-up by the respective Board of Studies to facilitate later adjustments, if required.

S09.07: To approve the scheme of Minor (Specialization).

(BoS Ref Agenda: CSE (B08.07) & ECE (B08.07))

Agenda: To facilitate some students or fast learners to have few extra credits earned for developing specialization in some area related to the other department or branch. The proposed scheme of minors will have following features:

- ⇒ A student should have a minimum CGPA of 6.5 without backlog at the completion of first year.
- ⇒ He/She has to take minimum 2 subjects with lab and 2 subjects without lab other than the regular curriculum of the own respective branch and of other branch listed as courses for minor.
- ⇒ To earn a minor a student will have to complete course work of 14 credits offered by the other department offering specialization in the stipulated period required for degree completion. Non-earning of Even one course within stipulated period of degree completion or requirement of additional semester for clearing the same will make the student ineligible for earning Minor specialization.



- ⇒ The fees charged per course will be Rs 5000/- per course and may be revised time to time.
- ⇒ This scheme will be available from the batch admitted in the academic year 2021-22 and onwards.

The various Minors offered by the engineering departments are as follows:

Sr. No	Department offering Minor	Specialization of Minor offered	Department of eligible students to earn Minor
1	CSE	1. Artificial Intelligence OR 2. Data Science	ECE
2	ECE	1. IoT OR 2. Signal Processing OR 3. Robotics and Automation	CSE

Resolution: The Senate deliberated extensively on the matter and approved the proposed Scheme of Minors subject to following:

- a. Backing-Out Option at a later stage shall be provided to the students.
- b. The eligibility criteria of minimum 6.5 CGPA shall be reviewed in due course, if required.
- c. A student willing shall have to either opt for Minor or Major.
- d. Implementation of the Scheme of Minor shall be done preferably after the start of Offline Education Post COVID-19 Pandemic.

S09.08: To approve Scheme of Major (Specialization)
(BoS Ref Agenda: CSE (B08.07) & ECE (B08.06))

Agenda: To facilitate some students or fast learners to have few extra credits earned for developing specialization in some area related to their own department or branch. The proposed scheme of minors will have following features:

- ⇒ A student should have a minimum CGPA of 6.5 without backlog at the completion of first year.
- ⇒ He/She has to take minimum 3 subjects with lab and 4 subjects without lab other than the regular curriculum of the own respective branch.
- ⇒ To earn a Major a student will have to complete course work of 24 credits offered by his/her own department offering specialization of major with list of separate courses for major. Non-earning of Even one course within stipulated period of degree completion or requirement of additional semester for clearing the same will make the student ineligible for earning Major specialization.
- ⇒ The fees charged per course will be Rs 5000/- per course and may be revised time to time.
- ⇒ This scheme will be available from the batch admitted in the academic year 2021-22 and onwards.



The various Majors offered by the engineering departments are as follows:

Sr. No	Dept. offering Major	Specialization of Major offered	Dept. of eligible students to earn Major
1	CSE	1. Cryptography & Cyber Security OR 2. Parallel & Distributed Computing OR 3. Soft Computing Techniques.	CSE
2	ECE	1. Wireless systems OR 2. Biomedical Engineering	ECE

Resolution:The Senate deliberated extensively on the matter and opined that the inclusion of Parallel & Distributed Computing as Major may be reviewed by the Board of Studies of the CSE Department and specialization which is in more demand may replace the same.

With above observation, the Senate approved the proposed Scheme of Majors subject to following:

- a. Backing-Out Option at a later stage shall be provided to the students.
- b. The eligibility criteria of minimum 6.5 CGPA shall be reviewed in due course, if required.
- c. A student willing shall have to either opt for Major or Minor.
- d. Implementation of the Scheme of Major shall be done preferably after the start of Offline Education Post COVID-19 Pandemic.

S09.09: To approve starting of 4 New B.Tech Programs with specialization with intake of 60 for each.

(BoS Ref Agenda: CSE (B08.05) & ECE (B08.09))

Agenda: IIITN has successfully shifted to its permanent campus at Waranga in March 2021. Hence the institute is now in position to expand its operations and offer few more courses as per the latest technological advancement, trends and demands of the industry. With a basic survey and research conducted it is evident that Courses with specializations of Artificial Intelligence, Machine Learning, Data Science and Analytics, Human Computer interaction, Gaming technology and Internet of Things.

As mandate of IIITN is for the field of Information Technology it is committed to generate such futuristically required talented manpower for these fields. (Ref. Documents issued by MoE, GoI pertaining to special initiatives to be taken for manpower generation for specialized fields of IT, NASSCOM reports, NEP, Survey reports of future technologies by Coursera). Hence it is hereby proposed to start following four new B.Tech CSE and ECE courses with specialization:



The details are as follows:

Sr. No	Name of the Proposed B.Tech Programme	Dept.	Proposed Intake
1	B.Tech CSE (Artificial Intelligence & Machine Learning)	CSE	60
2	B.Tech CSE (Data Science & Analytics)		60
3	B.Tech CSE (Human Computer Interaction & Gaming Technology)		60
4	B.Tech ECE (Internet of Things)	ECE	60
Total Proposed Intake =			240

Resolution: The Senate deliberated extensively on the matter and approved the starting of proposed 4 New B.Tech Programs with specialization with intake of 60 for each and resolved to recommend the same to the Board of Governors for approval.

S09.10: To approve the continuation of next Semester i.e. July 2021 to December 2021 through "Online / Remote / Electronic Mode" only.

Agenda: The COVID-19 Pandemic situation in Maharashtra is worsening alarmingly and the State Government of Maharashtra has already imposed several restrictions till 15th May 2021 to break the spreading chain of the Pandemic. Further, in other parts of the Country also the Pandemic Situation is deteriorating and therefore the State Governments / Central Governments have taken / are taking various restrictive measures including postponement of examinations.

The Senate has already approved continuance of the Academic Programme through "Online / Remote / Electronic Mode" till June 2021 and the same has been implemented without any problem. As it would be difficult to achieve normalcy of situation in near future, it is recommended to continue the conduct of next Semester starting from July 2021 to December 2021 through "Online / Remote / Electronic Mode" only.

Senate is requested to deliberate and approve continuation of next Semester i.e. July 2021 to December 2021 through "Online / Remote / Electronic Mode" only. It is hereby proposed to conduct the online mode as resolved previously with following modifications:

- Having mid semester exam of 30 Marks and of 2 HRS duration instead of conducting one test of 15 marks and doubling the score for Part A of the evaluation keeping other overheads unchanged.
- Discontinuation of "No Detention" policy for maintaining academic discipline.



Resolution: The Senate deliberated on the matter and approved continuation of next Semester i.e. July 2021 to December 2021 through "Online / Remote / Electronic Mode" only with proposed modifications in the modalities of the Online Mode.

S09.11: To approve the Academic Calendar of IIIT, Nagpur for the Year 2021-22.

Agenda: The Academic Calendar for the Year 2021-22 is attached herewith.

Resolution: The Senate deliberated and approved the Academic Calendar for the Year 2021-22.

S09.12: To remove the Conversion Formula for conversion of CGPA into Percentage from the Academic Rule Book of Undergraduate Courses.

Agenda: The Undergraduate Academic Rule Book shows the following formula for conversion of CGPA into Percentage on Page No 10.

The Institute follows relative grading system with SGPA and CGPA as parameters for performance evaluation and doesn't issue Percentage and hence it is proposed to remove the Conversion Formula.

Resolution: The Senate deliberated and approved the removal of Conversion Formula for conversion of CGPA into Percentage from the Academic Rule Book of Undergraduate Courses.

S09.13: To approve the proposal for inauguration of the Phase – I of the Permanent Campus being constructed at Waranga, Buribori through "Online / Remote / Electronics" Mode.

Agenda: The construction of the Phase – I of the IIIT, Nagpur Permanent Campus consisting of One Academic Block, One Administrative Block, One Hostel Block and One Residential Block is nearing completion.

As it would be difficult to achieve normalcy of COVID-19 Pandemic situation in near future, it is recommended to inaugurate the Permanent Campus through "Online / Remote / Electronic Mode" only.

Resolution: The Senate recommended the proposal for consideration and approval of the Board of Governors.

S09.14: To approve the proposal for conducting the 1st Convocation of the Institute through "Online / Remote / Electronics" Mode.

Agenda: The First Batch of the Institute (Year 2020) has already completed the Graduation and the 2nd Batch (2021) shall be passing out in June 2021. The Institute is required to conduct the Convocation Ceremony to formally award the Degree Certificates to the passed out students.



As it would be difficult to achieve normalcy of COVID-19 Pandemic situation in near future, it is recommended to undertake the 1st Convocation of the Institute for both the Batches through "Online / Remote / Electronic Mode" only.

Resolution: The Senate recommended the proposal for consideration and approval of the Board of Governors.

S09.15: To constitute the "Institute Academic Excellence Award" for students.

Agenda: To encourage the students, it is proposed to constitute an "Institute Academic Excellence Award" for the student obtaining the highest CGPA in the Undergraduate Degree Course of the Institute.

The Award shall include a Cash Price of Rs. 21,000/- along with a Certificate & shall be awarded on annual basis to the student of the Institute who has obtained highest CGPA.

In case of equal CGPA to more than one student, it is proposed to decide the Awardee on the basis of following:

- a. Consideration of CGPA up to 4th digit (Example – In case of two students with 9.5601 and 9.5600 CGPA, the student with CGPA of 9.5601 shall be eligible for the Award).
- b. Consideration of Final Year (7th & 8th Semester) SGPA, in case the CGPAs up to 4th digit are also equal.

Resolution: The Senate deliberated on the matter and recommended the proposal for consideration and approval of the Board of Governors.

S09.16: Reporting Items.

S09.16.01: Agenda: As per provisions of Statute 9(3)(iii) of IIIT, Nagpur Statutes 2017, Expert from the Panel of Experts approved by the Senate are required to be nominated on Selection Committee for selection of Faculty in IIIT, Nagpur.

Accordingly, the name of Dr. S. R. Sathe, Professor, CSE Department, VNIT, Nagpur and Dr. A. G. Keskar, Professor, Department of ECE, VNIT, Nagpur were nominated as Members of Selection Committee for selection of Faculty Positions in IIIT, Nagpur through email and was approved by the Senate Members.

S09.16.02: Agenda: As per provisions of Section 14(2)(g) of the IIIT (PPP) Act, 2017, one Professor & one Associate/Assistant Professor of the Institute approved by the Senate are required to be nominated on the Board of Governors of the Institute.

Accordingly, the name of Dr. Ashwin Kothari, In-charge Dean of IIIT, Nagpur and Associate Professor, VNIT, Nagpur as Member of 1stBoG of in lieu of Professor of IIIT, Nagpur and Dr. Aatish Daryapurkar, Assistant Professor, IIIT, Nagpur were nominated as Member of the 1stBoG through email and was approved by the Senate Members.



S09.16.03: Agenda: Approval to conduct Even Semester (January 2021 to June 2021) and Exams through "Online / Remote / Electronic Mode" only as the situation related to COVID-19 Pandemic is still persisting.

Considering the prevailing situation of COVID-19 Pandemic it was proposed to conduct Even Semester (January 2021 to June 2021) along with exams including evaluations through "Online / Remote / Electronic Mode" only on the basis of Modalities & Gradation Policy already approved by Senate. The agenda was circulated through email and was approved by the Senate Members.

S09.16.04: Agenda: Intimation about shifting of the Institute Operations.

S09.16.05: Agenda: To note the Placement & Internship Statistics of the students as on 30th April 2021.

S09.16.06: Agenda: To note the signing of Memorandum of Understanding with Tata Consultancy Services, Mumbai.

The Senate noted the above Reporting Items. Further, the Senate congratulated the Institute for shifting to the Permanent Campus.

S09.17: Any other item with permission of the Chair.

With permission of the Chair, the Chairman of Board of Studies of the Department of Basic Sciences tabled the following additional Reporting Item:

Agenda: For BoS Ratification: Due to administrative purpose and record keeping, the course codes of the courses "Calculus for Engineers" and "Matrices, Transform Techniques, and Differential Equations" are updated as follows:

MAL-101 to MAL-103 for "Calculus for Engineers", and
MAL-102 to MAL-104 for "Matrices, Transform Techniques, and Differential Equations"

Resolution: BoS is noted and ratified.

The Senate noted the above additional Reporting Item.

As no other item was there, the Senate meeting concluded with vote of thanks.


DR. O.G. KAKDE
CHAIRMAN