

अभिषद  
की २२वीं बैठक का कार्यवृत्त  
**MINUTES OF THE 22<sup>nd</sup> MEETING  
OF THE SENATE**



विद्याधनं सर्वधनं प्रधानम्

**14.04.2023**

भारतीय प्रौद्योगिकी संस्थान जम्मू  
जगती, नगरोटा, जम्मू (जम्मू और कश्मीर)–१८१२२१

**INDIAN INSTITUTE OF TECHNOLOGY JAMMU,  
JAGTI, NAGROTA, JAMMU (J&K) – 181 221**



## Minutes of 22<sup>nd</sup> Meeting

14 April 2023 (Friday), 1100 hrs  
Conference Room, IIT Jammu

The 22<sup>nd</sup> Senate Meeting of IIT Jammu was held on 14 April 2023. The Senators attended the meeting in hybrid mode (some attended in online mode) **{Appendix - 22.1(p. 6-7)}**.

The following items of agenda were discussed and the actions/decisions of the Senate are summarized below:

Ser	Items												
22.1	<p><b>To confirm the minutes of the 21<sup>st</sup> Meeting of the Senate held on 04 Jan 2023.</b></p> <p><b>Actions:</b> The minutes of 21<sup>st</sup> meeting of the senate held on 04 January 2023 were circulated on 06 February 2023 to the members for their comments. No comments were received and minutes were approved. The Minutes were confirmed in the 22<sup>nd</sup> Meeting.</p>												
22.2	<p><b>To receive a report on the action taken on the decisions of the 21<sup>st</sup> meeting of the Senate.</b></p> <p><b>Actions:</b> All agenda items of 21<sup>st</sup> senate and the corresponding action taken report was presented to the Senate.</p>												
22.3	<p><b>To consider and approve the change the name of Executive M. Tech. in AI/ML programme to Master of Technology in Artificial Intelligence and Machine Learning (Executive).</b></p> <p><b>Actions:</b> The Senate in-principle agreed on the proposal and recommended the same to be presented in the next BoG meeting.</p>												
22.4	<p><b>To consider and approve the new/revised M.Tech Curricula for 2023-24 batch onwards.</b></p> <p><b>The curriculum for the following departments were presented in SPGB held on 23 March 2023:</b></p> <table> <tr> <th>Department</th><th>Programme Name</th></tr> <tr> <td>Chemical Engineering</td><td>(a) M.Tech in Chemical Engineering with specialization Sustainable Energy Engineering</td></tr> <tr> <td>Civil Engineering</td><td>(a) M.Tech in Civil Engineering with specialization in Tunnel Engineering (b) M.Tech in Civil Engineering with specialization in Structural Engineering</td></tr> <tr> <td>Computer Science and Engineering</td><td>(a) M.Tech in Computer Science and Engineering (b) M.Tech in Computer Science and Engineering (3 years)</td></tr> <tr> <td>Electrical Engineering</td><td>(a) M.Tech in Electrical Engineering with specialization in VLSI Design (b) M.Tech in Electrical Engineering with specialization in Communications and Signal Processing</td></tr> <tr> <td>Mechanical Engineering</td><td>(a) M.Tech in Mechanical Engineering with specialization in Thermal and Energy Systems.</td></tr> </table>	Department	Programme Name	Chemical Engineering	(a) M.Tech in Chemical Engineering with specialization Sustainable Energy Engineering	Civil Engineering	(a) M.Tech in Civil Engineering with specialization in Tunnel Engineering (b) M.Tech in Civil Engineering with specialization in Structural Engineering	Computer Science and Engineering	(a) M.Tech in Computer Science and Engineering (b) M.Tech in Computer Science and Engineering (3 years)	Electrical Engineering	(a) M.Tech in Electrical Engineering with specialization in VLSI Design (b) M.Tech in Electrical Engineering with specialization in Communications and Signal Processing	Mechanical Engineering	(a) M.Tech in Mechanical Engineering with specialization in Thermal and Energy Systems.
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Mechanical Engineering	(a) M.Tech in Mechanical Engineering with specialization in Thermal and Energy Systems.												

**Actions:** The agenda was deliberated in detail. IIT Jammu offers admission in eight M.Tech programmes by different departments. The number of seats in each M.Tech specialization is tabulated below.

The Senate in-principle agreed on the M.Tech programmes and recommended the same to be reported in the next BoG meeting.

Department	Specialization	No. of offered Seats
Chemical Engineering	Sustainable Energy Engineering	20
Civil Engineering	Tunnel Engineering	20
	Structural Engineering	20
Computer Science and Engineering	Computer Science and Engineering	34
	Computer Science and Engineering (3 years)	10
Electrical Engineering	VLSI Design	20
	Communications and Signal Processing	20
Mechanical Engineering	Thermal and Energy Systems	20

**22.5 To consider and approve the following matters of Physics Department:**

**1. M.S(R) exit route to the present batch (2022-23) with M.Sc. degree**

**Actions:** The agenda was discussed and it was agreed upon to provide an exit route to the present batch (2022-23) students of M.S(R) with M.Sc. degree.

Further the department of Physics wants to admit students in M.Sc. programmes through JAM 2023-24 onwards. Senate directed the department of Physics to submit their M.Sc. programme to chairman, Senate for in-principle approval and for further submission to next BoG meeting.

**2. Revision of the Electronics course**

**Actions:** The matter was discussed and approved.

**3. PG (MSc) courses access to B Tech students in the Physics as Open Electives**

**Actions:** The matter was discussed and approved to give access to B.Tech students of PG courses in the Physics department as Open Electives.

**22.6 To consider and approve the proposal of new courses to be offered by Department/s:**

**1. Humanities and Social Sciences:**

Course Name	Course Code (Proposed)	Course Category	Faculty	Offered to
Advanced Econometrics	HSL073P6G	Open Elective	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Ph.D.

**2. Mathematics:**

Course Name	Course Code (Proposed)	Course Category	Faculty	Offered to
Metric and Topological Space	MAD042P6G	Departmental Elective	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	PG/ Ph.D.

	<div>3. Materials Engineering:</div> <table><tr><th>Course Name</th><th>Course Code (Proposed)</th><th>Course Category</th><th>Faculty</th><th>Offered to</th></tr><tr><td>Fundamental of Surface Engineering</td><td>MTL024U3E</td><td>Departmental Elective</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>UG</td></tr></table> <div>*The department has proposed that the currently existing departmental elective course with the same course name as Transport Phenomena in Materials Engineering (MTL015U3E) shall be equivalent to the newly introduced course.</div> <div>Actions: The courses were discussed and approved.</div>	Course Name	Course Code (Proposed)	Course Category	Faculty	Offered to	Fundamental of Surface Engineering	MTL024U3E	Departmental Elective							UG																	
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22.7	<div>To consider and approve the "long term internship" period of M.Tech in Electrical Engineering students to be extended from 4 to 6 months on existing terms and conditions.</div> <div>Actions: The electrical department was suggested to present the plan to complete the dissertation by going to 6 month internship along with alternate program structure of All but thesis. The agenda is dropped and it is suggested to present again in next SPGB and Senate.</div>																																
22.8	<div>To consider and approve the following proposal of Civil Engineering Department:</div> <div>Addition of course Engineering Mechanics as a pre requisite for the course of Solid Mechanics (IC) in the UG Curriculum 2022</div> <div>Actions: The agenda was discussed and it was approved to add the course Engineering Mechanics as a pre-requisite for the course Solid Mechanics in UG curriculum 2022.</div>																																
22.9	<div>To report certain items for the information of the Senate.</div> <div>22.9.1 To report Termination/Withdrawal and reinstatement of the students in UG/PG/Ph.D. program</div> <div>The following students were terminated:</div> <table><tr><th>Name of Student</th><th>Entry No.</th><th>Reason for Termination</th><th>Reinstatement</th></tr><tr><td colspan="4">UG Programme</td></tr><tr><td></td><td></td><td>Due to poor Academic Performance</td><td>Student was terminated twice, hence not eligible for reinstatement.</td></tr><tr><td colspan="4">PG Programme</td></tr><tr><td></td><td></td><td>Due to poor Academic Performance</td><td>No appeal received</td></tr><tr><td></td><td></td><td>Due to semester drop without SPGB approval</td><td>No appeal received</td></tr><tr><td></td><td></td><td>Due to poor Academic Performance</td><td>Student was terminated twice, hence not eligible for reinstatement.</td></tr><tr><td></td><td></td><td>Due to poor Academic Performance</td><td>The student was reinstated based on appeal and is on probation for a semester.</td></tr></table>	Name of Student	Entry No.	Reason for Termination	Reinstatement	UG Programme						Due to poor Academic Performance	Student was terminated twice, hence not eligible for reinstatement.	PG Programme						Due to poor Academic Performance	No appeal received			Due to semester drop without SPGB approval	No appeal received			Due to poor Academic Performance	Student was terminated twice, hence not eligible for reinstatement.			Due to poor Academic Performance	The student was reinstated based on appeal and is on probation for a semester.
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Ph.D Programme			
		Due to poor Academic Performance	The student was reinstated based on appeal and is on probation for a semester.
		Withdrawn due to personal reasons	-

**Actions:** The item was reported.

## 22.9.2 To report the proposal of new Courses to be offered by department/s:

Following new courses to be offered by departments were proposed and approved by the Chairman, Senate:

### (a) Chemical Engineering

Course Name	Course Code (Proposed)	Course Category	Faculty	Offered to
Chemical and Process Engineering Calculations	CH-1-03(TO)	Departmental Core		UG
Heterogeneous Catalysis	CHL038P6G	Departmental Elective		UG / PG / Ph.D

### (b) Mechanical Engineering

Course Name	Course Code (Proposed)	Course Category	Faculty	Offered to
Tomographic Nondestructive Testing	MEL054U3E	Departmental Elective		UG
Nuclear Security	MEL053P6G	Open Elective		UG / PG / Ph.D

**Actions:** The item was reported.

## 22.9.3 To report the revision in the credit structure of the course Surveying Theory and Practices (CE-3-03(TO)) from 1.5-0-0 to 2-0-2.

**Actions:** The item was reported.

## 22.9.4 To report the following Minor Programme in Startup and Entrepreneurship to be offered by the HSS Department

**Actions:** The item was reported and it was recommended that the Minor programme in Startup and Entrepreneurship will be approved only for the current passing batch of UG 2019.

## 22.9.5 To report the admission in M.Tech Executive Programme in Artificial Intelligence and Machine Learning for the AY 2022-23.

**Actions:** The admission of 72 students in M.Tech Executive Programme in Artificial Intelligence and Machine Learning for AY- 2022-23 was reported.

### Table Agenda:

The Senate Chairman has discussed the following table agenda items:

#### 1. Peer Assisted Learning:

- 22.10**
- It is noticed that several students from different backgrounds join the institute and struggle during the initial days of their program onboarding on campus. They face difficulties due to language, and cultural diversity. To support such students, a pair of 1<sup>st</sup> year students will be allocated to 2<sup>nd</sup> or 3<sup>rd</sup> year students who will act as their personal mentor/tutor and help them cope up with any issues. This scheme is titled as "Peer Assisted Learning

	<p>(PAL)". The 2<sup>nd</sup> and 3<sup>rd</sup> year students who participate in this program may also be paid as part of "Earn while you learn" scheme. Details of the same shall be developed by Dr. Sameer Sarma for given courses/programs for launch. The progress on the same shall be reported to next Senate.</p> <p><b>2. Summer Attachment with Industry for Faculty:</b></p> <p>a. To promote the translational research, it is proposed to extend SAP for Industry. Extended SAP with industry (SIAP) shall be developed at the earliest. In this regard a sub committee shall work to shape and conclude the proposal for launch during summer of 2023 through IRG. The committee is advised to submit the progress in the next senate.</p>
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