



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY  
JAIPUR-302017**

**AGENDA FOR THE FORTY-SIXTH SENATE MEETING**

- Meeting Number** : 46<sup>th</sup>
- Venue** : Niti Sabhagar, Prabha Bhawan
- Date** : August 17, 2022 (Wednesday)
- Time** : 4.00 PM onwards

# मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

## MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

### AGENDA FOR THE 46<sup>TH</sup> MEETING OF THE SENATE TO BE HELD ON 17<sup>TH</sup> AUGUST 2022 (WEDNESDAY) AT 4.00 PM

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**मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर**  
**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**

**Agenda for the 46<sup>th</sup> Meeting of the Senate**  
**(to be held on 17<sup>th</sup> August, 2022 at 4:00 PM in the Niti Sabhagar, Prabha Bhawan, MNIT, Jaipur)**

**Item No. 46-1.0:** *To confirm the minutes of the 44<sup>th</sup> & 45<sup>th</sup> (Emergent) meeting of the Senate held on April 8, 2022 & June 27, 2022.*

The 44<sup>th</sup> & 45<sup>th</sup> (Emergent) Senate meetings were held on 8<sup>th</sup> April 2022 and 27<sup>th</sup> June 2022 respectively. The draft minutes of the meeting were circulated to all the Senate members. No comments were received on the minutes. Thereafter the minutes were approved by the Chairman Senate and were circulated among the members for information.

The Senate may kindly confirm the minutes placed as **Annexure-A1 (Pg. 01 to 16) & A2 (Pg. 17 to 20)**.

**Item No. 46-2.0:** *To note the “Action Taken” on the decisions taken in the 44<sup>th</sup> & 45<sup>th</sup> (Emergent) meeting of the Senate.*

“Action Taken” on the decisions made in the 44<sup>th</sup> & 45<sup>th</sup> (Emergent) meeting of the Senate

*Item is placed for confirmation.*

**ACTION TAKEN REPORT (44<sup>th</sup> Senate Meeting)**

<b>Item No.</b>	<b>Particulars</b>	<b>Decision</b>	<b>Action Taken</b>
44-1-0	To confirm the minutes of the 43 <sup>rd</sup> meeting of the Senate held on December 14 <sup>th</sup> , 2021.	The 43 <sup>rd</sup> Senate meeting was held on December 14 <sup>th</sup> , 2021. The draft minutes of the meeting were circulated to all the Senate members. No comments were received on the minutes. Thereafter the minutes were approved by the Chairman Senate and were circulated amongst the members for information.	Noted

		Request of Prof. SK Jana to include his name in the list of senate members who attended 43 <sup>rd</sup> meeting was agreed upon and the minutes of the 43 <sup>rd</sup> Senate meeting were confirmed with this change.	
44-2-0	To note the “Action Taken” on the decisions taken in the 43 <sup>rd</sup> meeting of the Senate.	<p>Dean (Academic) apprised Senate of minor changes</p> <p>(1) Item 43-3.4: inclusion of “National Level Examination” for admission to Ph.D. program with Institute Assistantship in Departments of Management Studies and Humanities and Social Sciences.</p> <p>(2) Item 43-3.5: Recommendation of committee in respect of release of Institute Assistantship to Ph.D. students shall also be applicable to M.Tech. students.</p> <p>(3) Item 43-3.7: “a research paper published in open access journal can be considered to meet upto a maximum of one journal publication towards requirement of Ph.D. thesis”.</p> <p>Senate members agreed with all these changes.</p> <p>The “Action Taken Report” of the 43<sup>rd</sup> meeting of the Senate was noted with aforementioned changes.</p>	<p>(1) Implemented vide Office Order No. F4/S-V-1120-21-Acad(43-Senate)/ 1021 dated 28-01-2022.</p> <p>(2) Implemented vide Office Order No. F4/S-V-1120-21-Acad(43-Senate)/ 1677 dated 12-08-2022.</p> <p>(3) Implemented vide Office Order No. F4/S-V-1120-21-Acad(43-Senate)/ 1678 dated 12-08-2022.</p>
44-3.0	Items for consideration		
44-3.1	To consider implementation of new UG curricular structure.	<p>The matter was deliberated at length and the senate accorded in principle approval to the proposed B.Tech curriculum structure.</p> <p>Certain suggestions were put forth by some Senate members. It was decided that Dean (Academic) shall hold a meeting with HoDs to resolve how to incorporate these suggestions. It was further decided that minutes of this meeting shall be circulated</p>	Noted

		<p>with draft senate minutes to senate members for approval. Minutes of these meeting are placed at Annexure-I</p> <p>Approved curricular structure after incorporating the decisions of this meeting is placed at Annexure-II.</p>																											
44-3.2	To consider revisions in sponsored category for Ph.D. admission and introduction of new category for admission of professionals to PhD programme.	<p>After detailed deliberation, the Senate approved the proposal with some minor modifications. The following was approved by the Senate</p> <ol style="list-style-type: none"> <li>1. Ph.D. category for Full Time (without Scholarship) is discontinued from forthcoming semester.</li> <li>2. A new Ph.D. Admission Category: Executive/Professional is introduced.</li> <li>3. For all PhD categories with “experience” as a pre-requisite, only the relevant experience after the qualifying degree shall be admissible.</li> <li>4. Approved categories of Ph.D. Admission at MNIT Jaipur along with admission requirements is as follows</li> </ol> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Category</th> <th>Full Time/ Part Time</th> <th>Exam</th> <th>Interview</th> <th>Experience</th> <th>NOC/Consent</th> <th>Institute Scholarship</th> <th>GATE/ UGC-NET/ National level exam</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Full Time with scholarship</td> <td rowspan="2">Full Time</td> <td>✓</td> <td>✓</td> <td>X</td> <td>X</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>2.</td> <td>Full Time with own scholarship* *</td> <td>X</td> <td>✓</td> <td>X</td> <td>X</td> <td>X</td> <td>✓</td> </tr> </tbody> </table>	S. No.	Category	Full Time/ Part Time	Exam	Interview	Experience	NOC/Consent	Institute Scholarship	GATE/ UGC-NET/ National level exam	1.	Full Time with scholarship	Full Time	✓	✓	X	X	✓	✓	2.	Full Time with own scholarship* *	X	✓	X	X	X	✓	<p>26<sup>th</sup> meeting of AAC minor typographical error has been corrected regarding experience required for Ph.D. admission. There is no requirement of relevant experience for project staff (PT)</p> <p>With the above correction it was implemented from academic year 2022-23 vide Office Order No. F.4/S.X-1/21-22-Acad-(44-Senate)/ 1439 dated 06-05-22.</p>
S. No.	Category	Full Time/ Part Time	Exam	Interview	Experience	NOC/Consent	Institute Scholarship	GATE/ UGC-NET/ National level exam																					
1.	Full Time with scholarship	Full Time	✓	✓	X	X	✓	✓																					
2.	Full Time with own scholarship* *		X	✓	X	X	X	✓																					

		3.	Full Time Sponsored*		✓	✓	✓	✓	X	X
		4.	Off Campus* (beyond 70 km from Jaipur) Sponsored (PT)	Off Campus	✓	✓	✓	✓	X	X
		5.	Part Time*	Part Time	✓	✓	✓	✓	X	X
		6.	Project Staff (PT)		✓	✓	✓	✓	X	X
		7.	Faculty (PT)		✓	✓	✓	✓	X	X
		8.	Staff (PT)		✓	✓	✓	✓	X	X
		9.	Executive/ Professional		X	✓	✓	✓	X	X
		<p>* A Sponsored candidate full time or part time must have total experience of more than 2 years and in case of full time sponsored candidate he/she must have been in service of sponsoring organization for at least one year at the time of admission.</p> <p>** The students who have cleared the National Level Examination (with scholarship) and can sustain their “Ph.D. from external scholarship/assistantship, the Senate decided to waive off the requirement of written test for admission in Ph.D. programme for the candidates who have cleared the UGC NET/CSIR/DST Inspire (with scholarship) or any other national examination offering scholarship. However, such candidates will be required to appear for the interview and if selected, they may be offered the Ph.D. programme at MNIT</p>								

		<p>Jaipur.</p> <p>Senate also approved the following eligibility requirements for the new Ph.D. Admission Category: Executive/Professional</p> <ol style="list-style-type: none"> <li>(1) Only candidates working in following organizations shall be considered:-             <ol style="list-style-type: none"> <li>a. government organizations/ laboratories,</li> <li>b. PSUs, and</li> <li>c. Reputed companies i.e. Companies having annual turnover of Rs. 50 Crores or more.</li> </ol> </li> <li>(2) Candidate should have following educational qualification and experience.             <ol style="list-style-type: none"> <li>a. Post Graduate Degree with at least 12 years professional experience.</li> <li>b. B.Tech. Degree with at least 15 years professional experience.</li> </ol> </li> <li>(3) Candidates should have demonstrated research potential through research papers in reputed journals/conferences or patents or technology transfer/ deployed.</li> <li>(4) The course credit requirement would be as per the current practice for Part-Time candidates.</li> <li>(5) The minimum residency requirements for such candidates will be one semester.</li> <li>(6) All other conditions shall be as per the PG rules and regulations of MNIT Jaipur.</li> </ol> <p>Senate also approved the following admission procedure for the new Ph.D Admission Category: Executive/Professional</p> <ol style="list-style-type: none"> <li>(1) The candidate will be required to make a research proposal presentation to the DFB. Thereafter, the Chairman of the</li> </ol>	
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		<p>Departmental Selection Committee (DSC) will send the DFB's recommendation to the Office of Dean Academic (ODA).</p> <p>(2) The following committee will conduct the interview of the candidate</p> <ol style="list-style-type: none"> <li>Dean (Academic Affairs), Chairperson</li> <li>Dean (Research and Consultancy), Member</li> <li>Head of the Department, Member</li> </ol> <p>(3) The recommendation of the above committee will be approved by the Chairman, Senate for the selection of the candidate.</p>	
44-3.3	To consider establishment of 'Continuing and Digital Education Centre (CDEC)' at MNIT Jaipur.	<p>The Senate approved the establishment of 'Continuing and Digital Education Centre (CDEC)' at MNIT Jaipur. The objectives of the 'Continuing and Digital Education Centre (CDEC)' will be as follows:</p> <ol style="list-style-type: none"> <li>To offer facilities for the creation and conduct of digital course material and online courses.</li> <li>To improve and build better interactions with industry/Government organisations through certificate courses for the continuing educational requirement</li> <li>To create technically skilled manpower for nation-building</li> <li>To facilitate faculty members conducting various kinds of training programmes by creating a single-window service facility</li> <li>To facilitate organizing programmes/ events such as Self-financed Short Term Courses, AICTE-QIP Courses, TEQIP sponsored Courses, GIAN Courses, NPTEL Courses, SWAYAM Courses, Industry Specific courses, Credit-based courses, Courses for Government schemes like GATI Shakti, Skill India.</li> <li>In due course, CDEC should strive for becoming self</li> </ol>	<p>Subsequent to approval by Senate, the proposal was placed before the 49<sup>th</sup> and Special BoG held on 17/06/2022 and 15/07/2022 respectively and the proposal was approved by the BoG.</p>

		<p>sustainable and subsequently a revenue- generating centre.</p> <p>Senate approved identification of appropriate space, providing seed fund and staff for the smooth functioning of such a center in view of its usefulness in facilitating faculty members for their Continuing and digital education related initiatives.</p>													
44-3.4	To consider credit transfer of SWAYAM National Programme of Technology Enhanced Learning (NPTEL) courses at MNIT Jaipur	<p>The proposal regarding credit transfer of SWAYAM National Programme of Technology Enhanced Learning (NPTEL) courses at MNIT Jaipur was discussed in the Senate.</p> <p>The Senate approved the following :-</p> <ol style="list-style-type: none"> <li>(1) A student registered for a degree programme at MNIT can opt for NPTEL course only if it is not being offered at MNIT or if the student is doing an internship.</li> <li>(2) A student cannot enroll for any Institute core or Programme core subject through NPTEL. Ph.D. students can opt for courses other than two mandatory courses of “Research Methodology”.</li> <li>(3) Grades awarded to students enrolled for NPTEL courses shall be accepted provided enrollment is approved by DUGC/DPGC of the respective department.</li> <li>(4) Credits as assigned to a NPTEL course shall be accepted without any change.</li> <li>(5) Maximum credits earned through NPTEL courses shall be as follows:</li> </ol> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>S. No.</th> <th>Degree Programme</th> <th>Maximum credits allowed</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B.Tech/B.Arch.</td> <td>6 credits</td> </tr> <tr> <td>2</td> <td>MSc/M.Tech/M.Plan /MBA</td> <td>3 credits</td> </tr> <tr> <td>3</td> <td>PhD</td> <td>3 credits</td> </tr> </tbody> </table>	S. No.	Degree Programme	Maximum credits allowed	1	B.Tech/B.Arch.	6 credits	2	MSc/M.Tech/M.Plan /MBA	3 credits	3	PhD	3 credits	
S. No.	Degree Programme	Maximum credits allowed													
1	B.Tech/B.Arch.	6 credits													
2	MSc/M.Tech/M.Plan /MBA	3 credits													
3	PhD	3 credits													

		<p>(6) Following is the proposed mapping of NPTEL score and certificate category to MNIT grades.</p> <table border="1" data-bbox="949 316 1720 646"> <thead> <tr> <th>S. No.</th> <th>NPTEL Score and Certificate category</th> <th>Mapping to MNIT Grades</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>&lt;40% No certificate</td> <td>FP / FA (fail grade)</td> </tr> <tr> <td rowspan="3">2</td> <td rowspan="3">40% - 59% Successfully completed</td> <td>&lt; 45% DD</td> </tr> <tr> <td>&lt; 50% CD</td> </tr> <tr> <td>&lt; 60 % CC</td> </tr> <tr> <td rowspan="3">3</td> <td rowspan="3">60% - 89% Successfully completed</td> <td>&lt; 70% BC</td> </tr> <tr> <td>&lt; 80% BB</td> </tr> <tr> <td>&lt; 90 % AB</td> </tr> <tr> <td>4</td> <td>&gt;= 90% Successfully completed</td> <td>AA</td> </tr> </tbody> </table> <p>Senate members agreed unanimously that MNIT Jaipur must establish a local NPTEL center under the aegis of Continuing and Digital Education Center and offer relevant technical content.</p>	S. No.	NPTEL Score and Certificate category	Mapping to MNIT Grades	1	<40% No certificate	FP / FA (fail grade)	2	40% - 59% Successfully completed	< 45% DD	< 50% CD	< 60 % CC	3	60% - 89% Successfully completed	< 70% BC	< 80% BB	< 90 % AB	4	>= 90% Successfully completed	AA	<p>Implemented w.e.f. 2022-23, vide Office Order No. F.4/S.X-1/21-22-Acad-(44-Senate)/ 1438 dated 06-05-22.</p>															
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1	<40% No certificate	FP / FA (fail grade)																																			
2	40% - 59% Successfully completed	< 45% DD																																			
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		< 90 % AB																																			
4	>= 90% Successfully completed	AA																																			
44-3.5	<p>To consider modifications in distribution of evaluation components for theory and lab courses.</p>	<p>The matter regarding the modifications in distribution of evaluation components for theory and lab courses was discussed in the meeting.</p> <p>The Senate approved the following distribution for various evaluation components. In courses with credit structure having both theory and laboratory elements, distribution of the marks for theory and laboratory shall be based on credits assigned to each.</p> <table border="1" data-bbox="958 1086 1720 1332"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Theory Course</th> <th colspan="3">Laboratory Course</th> </tr> <tr> <th>Evaluation Component</th> <th>Approved</th> <th>Proposed</th> <th>Evaluation Component</th> <th>Approved</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CWS</td> <td>20%</td> <td>20-30%</td> <td>PRS</td> <td>60%</td> <td>40-60%</td> </tr> <tr> <td>2</td> <td>MTE</td> <td>30%</td> <td>20-40%</td> <td>PRM</td> <td>20%</td> <td>20-30%</td> </tr> <tr> <td>3</td> <td>ETE</td> <td>50%</td> <td>30-50%</td> <td>PRE</td> <td>20%</td> <td>20-30%</td> </tr> </tbody> </table>		Theory Course			Laboratory Course			Evaluation Component	Approved	Proposed	Evaluation Component	Approved	Proposed	1	CWS	20%	20-30%	PRS	60%	40-60%	2	MTE	30%	20-40%	PRM	20%	20-30%	3	ETE	50%	30-50%	PRE	20%	20-30%	<p>Implemented w.e.f. 2022-23 vide Office Order No. F.4/S.X-1/21-22-Acad-(44-Senate)/ 1437 dated 06-05-22.</p>
	Theory Course			Laboratory Course																																	
	Evaluation Component	Approved	Proposed	Evaluation Component	Approved	Proposed																															
1	CWS	20%	20-30%	PRS	60%	40-60%																															
2	MTE	30%	20-40%	PRM	20%	20-30%																															
3	ETE	50%	30-50%	PRE	20%	20-30%																															

		It was decided that the course coordinators must announce the distribution, within the first week of the semester, to the students.									
44-3.6	To consider the programme of M. Tech. (Steel Technology) for Zero Year during academic session 2022-23.	The Senate approved the proposal submitted by the Department of Metallurgical & Materials Engineering regarding the zero year for the M.Tech. (Steel Technology) programme during academic session 2022-23.	Implemented vide Office Order No. F.4/S.X-1/21-22-Acad-(44-Senate)/ 1436 dated 06-05-22.								
44-3.7	To consider the eligibility criteria for admission to M.Tech. (Metallurgical & Materials Engineering) proposed by the Department of Metallurgical & Materials Engineering.	<p>The proposal regarding the eligibility criteria for admission to M.Tech. (Metallurgical &amp; Materials Engineering) proposed by the Department of Metallurgical &amp; Materials Engineering was approved as proposed by the Senate.</p> <p>Approved eligibility criteria for admission to M.Tech. (Metallurgical &amp; Materials Engineering) is as follows.</p> <table border="1" data-bbox="952 699 1697 1233"> <thead> <tr> <th>Name of the Programme</th> <th>Group</th> <th>Degree Eligibility with degree codes</th> <th>GATE Codes</th> </tr> </thead> <tbody> <tr> <td>M.Tech. (Metallurgical and Materials Engineering)</td> <td>Group 1</td> <td>B.E/B.Tech (All Engineering Branches) (T999), M.Sc. in Applied Physics-S503), M.Sc. in Materials Science- (S518), M.Sc. in Physics-(S523), M.Sc. in Engineering Physics and Instrumentation - (S535), M.Sc. in Nano Science and Technology-(S546), M.Sc. in Materials Science Solid State Physics-(S558)</td> <td>MT, ME, XE,PH, CY, PI, CH</td> </tr> </tbody> </table>	Name of the Programme	Group	Degree Eligibility with degree codes	GATE Codes	M.Tech. (Metallurgical and Materials Engineering)	Group 1	B.E/B.Tech (All Engineering Branches) (T999), M.Sc. in Applied Physics-S503), M.Sc. in Materials Science- (S518), M.Sc. in Physics-(S523), M.Sc. in Engineering Physics and Instrumentation - (S535), M.Sc. in Nano Science and Technology-(S546), M.Sc. in Materials Science Solid State Physics-(S558)	MT, ME, XE,PH, CY, PI, CH	Implemented w.e.f. 2022-23
Name of the Programme	Group	Degree Eligibility with degree codes	GATE Codes								
M.Tech. (Metallurgical and Materials Engineering)	Group 1	B.E/B.Tech (All Engineering Branches) (T999), M.Sc. in Applied Physics-S503), M.Sc. in Materials Science- (S518), M.Sc. in Physics-(S523), M.Sc. in Engineering Physics and Instrumentation - (S535), M.Sc. in Nano Science and Technology-(S546), M.Sc. in Materials Science Solid State Physics-(S558)	MT, ME, XE,PH, CY, PI, CH								

44-3.8	To consider the proposed change in student intake for various M.Tech programmes	<p>Senate approved the change in student intake in the M.Tech programmes as proposed by the respective department. Following is the approved student intake from academic year 2022-23 and onwards.</p> <table border="1" data-bbox="952 391 1720 861"> <thead> <tr> <th>S No</th> <th>Name of Programme</th> <th>Department</th> <th>Approved Student Intake</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M. Tech. (Metallurgical &amp; Materials Engineering)</td> <td>Metallurgical &amp; Materials Engineering</td> <td>15</td> </tr> <tr> <td>2</td> <td>M.Tech (Chemical Engineering)</td> <td>Chemical Engineering</td> <td>15</td> </tr> <tr> <td>3</td> <td>M.Tech (Materials Science and Engineering)</td> <td>Material Research Centre</td> <td>15</td> </tr> </tbody> </table>	S No	Name of Programme	Department	Approved Student Intake	1	M. Tech. (Metallurgical & Materials Engineering)	Metallurgical & Materials Engineering	15	2	M.Tech (Chemical Engineering)	Chemical Engineering	15	3	M.Tech (Materials Science and Engineering)	Material Research Centre	15	Implemented w.e.f. 2022-23, vide Office Order No. F.4/S.X-1/21-22-Acad-(44-Senate)/ 1434 dated 06-05-22.
S No	Name of Programme	Department	Approved Student Intake																
1	M. Tech. (Metallurgical & Materials Engineering)	Metallurgical & Materials Engineering	15																
2	M.Tech (Chemical Engineering)	Chemical Engineering	15																
3	M.Tech (Materials Science and Engineering)	Material Research Centre	15																
44-3.9	To consider the proposal regarding uniformity in policy for conduct of re-exam for MTE and ETE for PG students who miss their exam for genuine reasons.	<p>Based on the recommendations of the SPGB given in its 49<sup>th</sup> meeting held on 21<sup>st</sup> February 2022, the senate decided to adopt the following guidelines as stipulated in UG regulations regarding the conduct of <b>re-exam for MTE and ETE for PG students who miss their exam for genuine reasons</b></p> <p>Hence, the approved, guidelines for PG regulations will be as follows :-</p> <p>“A student who misses MTE (Mid Term Examination) and/or ETE (End Term Examination) for genuine reasons may reappear for the same within 2 weeks after the last day of the exam.”</p>	Implemented vide Office Order No. F.4/S.X-1/21-22-Acad-(44-Senate)/ 1435 dated 06-05-22.																
44-3.10	To consider a new course "LCA of RE systems" to be offered as a	Based on the recommendations of the SPGB given in its 49 <sup>th</sup> meeting held on 21 <sup>st</sup> February 2022, the Senate approved a new	Noted																

	programme elective for M.Tech (Renewable Energy)	programme elective “LCA of RE Systems” for M.Tech (Renewable Energy) as proposed by the Centre for Energy and Environment.	
44-4.0	Items for Ratification & Reporting.		
44-4.1	Minutes of the 49 <sup>th</sup> meeting of SPGB held on 21 <sup>st</sup> February, 2022.	The minutes of 49 <sup>th</sup> meeting of Senate Postgraduate Board (SPGB) were noted and ratified.	Noted
44-4.2	To report the minutes of 23 <sup>rd</sup> and 24 <sup>th</sup> meeting of Academic Affairs Committee meeting held on 06 <sup>th</sup> December 2021 and 21 <sup>st</sup> January 2022.	The 23 <sup>rd</sup> and 24 <sup>th</sup> meetings of Academic Affairs Committee were noted and ratified.	Noted
44-4.3	To note the revised Academic Calendar X Semester B.Arch. 2021-22, I & II Semester B.Tech./B.Arch. 2021-22, IV Semester B.Tech./B.Arch. 2021-22, VI Semester B. Tech./B.Arch. & VIII Semester B.Tech. 2021-22 and Revised PG (M.Tech./ M.Plan./MBA/M.Sc.) & Ph.D. Even Semester 2021-22.	Aforementioned academic calendars were noted and ratified.	Noted
44-4.4	To report the continuation of Ph.D. scholar Mr. Sandeep Kumar Gupta (2016RCP9033) in the Ph.D. programme in the Department of Computer Science & Engg.	Continuation of Mr. Sandeep Kumar Gupta (2016RCP9033) in the Ph.D. programme (Department of Computer Science and Engineering), as approved by SPGB, was noted and ratified.	Noted
44-4.5	To report the payment of HRA to the Ph.D. students who have not submitted the documents for release of HRA in specified time limit and to revise the frequency of submission of documents for release of HRA.	SPGB’s decision in respect of payment of HRA to PhD students was noted and ratified.	Noted

44-4.6	To report the minutes of meeting of the unfair means committee held on March 03, 2022.	The minutes of the unfair means committee were noted and ratified.	Implemented vide Office Order No. F.4/13/ Acad/ MNIT/ 2018-19/1342 dated 11-05-22.
44-4.7	To report the name of new three external Senate members nominated by the Chairperson, Board of Governors, MNIT Jaipur.	<p>Chairperson, Board of Governors, MNIT Jaipur has nominated following for a period of two years.</p> <ol style="list-style-type: none"> <li>1. Prof. Ashok Kumar Pradhan Department of Electrical Engineering IIT Kharagpur Email: <a href="mailto:akpradhan@ee.iitkgp.ac.in">akpradhan@ee.iitkgp.ac.in</a>, <a href="mailto:pradhan.ashok@gmail.com">pradhan.ashok@gmail.com</a></li> <li>2. Prof Shuchi Srivastava Professor, Department of Humanities &amp; Head of Management Studies MANIT Bhopal Email: <a href="mailto:shuchi_rajendra@yahoo.co.in">shuchi_rajendra@yahoo.co.in</a></li> <li>3. Prof. Vipul Rastogi, Department of Physics IIT Roorkee Email: <a href="mailto:vipul.rastogi@ph.iitr.ac.in">vipul.rastogi@ph.iitr.ac.in</a></li> </ol> <p>The nomination has been made as per Section 14(d) of NIT Act 2007 “three persons, one of whom shall be woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities”.</p> <p>The above mentioned external members of the Senate were noted and ratified by the Senate.</p>	Noted

44-5.0	Any other items with permission of Chair.																														
44-5.1	To consider the proposed curricular structure of B.Arch. programme.	The Senate approved the proposed curricular Structure for B.Arch. programme	Noted																												
44-5.2	To consider the proposed change in student intake for M.Tech. programmes offered by the Department of Mechanical Engineering	The Senate approved the request of Department of Mechanical Engineering in respect of change in student intake to be notified in the seat matrix to CCMT. The Senate approved the following student intake for various M.Tech programmes of the Department of Mechanical Engineering.	Implemented w.e.f 2022-23 vide Office Order No. F.4/ S.X-1/21-22-Acad-(44-Senate) / 1434 dated 06-05-2.																												
			<table border="1"> <thead> <tr> <th rowspan="2">S No</th> <th rowspan="2">Name of Programme</th> <th rowspan="2">Department</th> <th colspan="2">Student Intake</th> </tr> <tr> <th>Current</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>M. Tech. (Design Engineering)</td> <td>Mechanical Engineering</td> <td>22</td> <td>20</td> </tr> <tr> <td>2.</td> <td>M.Tech. (Industrial Engineering)</td> <td>Mechanical Engineering</td> <td>25</td> <td>20</td> </tr> <tr> <td>3.</td> <td>M.Tech. (Production Engineering)</td> <td>Mechanical Engineering</td> <td>22</td> <td>20</td> </tr> <tr> <td>4.</td> <td>M.Tech. (Thermal Engineering)</td> <td>Mechanical Engineering</td> <td>20</td> <td>20</td> </tr> </tbody> </table>		S No	Name of Programme	Department	Student Intake		Current	Proposed	1.	M. Tech. (Design Engineering)	Mechanical Engineering	22	20	2.	M.Tech. (Industrial Engineering)	Mechanical Engineering	25	20	3.	M.Tech. (Production Engineering)	Mechanical Engineering	22	20	4.	M.Tech. (Thermal Engineering)	Mechanical Engineering	20	20
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### ACTION TAKEN REPORT 45<sup>th</sup> (Emergent) Senate Meeting

Item No.	Particulars	Decision	Action Taken
45-3.1	To consider waiver in credit requirements for the award of B.Tech. degree.	The matter was deliberated at length and considering the recommendation of the combined meeting of SUGB and SPGB held on 24 <sup>th</sup> June 2022, the Senate approves that the students, who have completed all the requirements for the award of the degree of B. Tech. (Mechanical Engineering) but have a shortfall of up to 2 credits in meeting the credits requirement, may be awarded the degree after waiving off the requirements to earn the mandatory 197 credits. Further, the Senate observed that this is a one-time exception and shall not be treated as precedence for other cases in future.	<p>The decision of the Senate is being implemented and the students having shortfall in credit have been issued provisional degree certificate and shall be awarded degree in the forthcoming convocation.</p> <p>A committee has been constituted to identify insertion of checks/ warning mails/ notifications/ any other measure in ERP at appropriate time for avoiding such cases in future.</p>

**Item No. 46-3.0: Items for consideration.**

**Item No. 46-3.1 To consider the proposal for introducing the concept of employment-based curriculum in the new UG Scheme.**

The National Education Policy 2020 has given ample opportunities to academic institutions for carrying out overhauling of their curricular structure and embrace the approaches that facilitate to enhance the employability of students and make them industry ready. Students usually have the following possibilities w.r.t. employability:

- a) Government, Public sector, Higher education in technology (Track 1)
- b) Private sector, Higher education in management and other fields (Track 2)
- c) Entrepreneurship/Start-ups (Track 3)

It has been felt that while striking a balance between different courses from different areas above due to limitation in contact hours and credits, departments usually have to compromise on some aspects such as courses offered, depth of coverage etc. Sometimes, elective choices are available between two (or more) courses which are both included in the syllabus of GATE/UPSC etc. or both are important for employability in private sector.

On the basis of inputs received from various stakeholders, the strategic plan committee has developed a concept note on the employment based curriculum structure, providing adequate coverage to each of these career tracks. The proposed structure is an elaboration of the new UG scheme approved by the Senate of the Institute, in its 44th meeting and actually capitalize upon the flexibility provided by the new UG scheme. It is expected that departments, while developing courses and details of the scheme, will plan according to this employment based structure, especially for the Track 1 and Track 2. It is proposed that the Institute functionaries related to entrepreneurship development and incubation may be asked to develop the details for the Track 3.

The BoG of MNITJ has appreciated the concept while discussing the strategic plan during its special meeting held on July 15<sup>th</sup>, 2022.

The concept note for the employment based curriculum is attached as **Annexure-B (Pg. 21 to 25)**, which may be used as guiding document by departments for development of details for new UG Scheme and related course contents.

*Item is placed for consideration and approval.*

**Item No. 46-3.2 To consider the seat matrix of UG programs.**

The seat matrix of various UG programs in the Institute is to be communicated to CSAB-2022. The same is placed as **Annexure-C (Pg. 26 to 27)**.

*Item is placed for approval.*

**Item No. 46-3.3 To consider the current admission status in PG programs of the Institute.**

The seat matrix of various PG programs in the Institute alongwith the status of vacant seats, on the basis of information received from the committee for CCMT 2022-23, notified that several programs have large number of vacant seats after the end of National Spot Round. Seat matrix for PG is placed as **Annexure-D (Pg. 28 to 29)** and the status of vacant seats in PG programs is attached as **Annexure-E (Pg. 30)**.

A request was sent to all HoDs on August 8, 2022, to review the PG programs offered by their departments for identifying measures to improve the situation. Summary of the recommendations/suggestions received from various departments will be presented during the Senate meeting.

*Item is placed for consideration and directions.*

**Item No. 46-3.4 To consider defining the process of mercy appeal for UG/PG/Ph.D. students whose enrolment is likely to be terminated on academic grounds.**

Present policy for academic promotion and award of degree for students admitted in 2021-22 is:

1. UG students qualify for award of degree based upon earning required credits. Some UG students may have deficiency in earning minimum credits requirement for promotion to 2<sup>nd</sup> yr or for award of degree at the end of 7<sup>th</sup> Semester.
2. A student should clear 75% of the credits registered in a semester for continuing in M. Tech./ M. Plan programme
3. The minimum CGPA requirement for the '*semester promotion*' and '*award of degrees*' in PG programmes is be as follows:-

Degree	CGPA requirement	
	Semester promotion	Award of Degree
M. Tech.	5.5	5.5
M. Plan.	5.5	5.5
M. Sc.	5.5	5.5
M. B. A.	5.5	5.5

and policy for academic promotion and award of degree for students admitted before 2021-22 is as given below.

1. The minimum CGPA requirement for getting assistantship in M. Tech./ M. Plan./MBA programme is **6**
2. In the first semester in which the student registers, the minimum CGPA (SGPA) may be relaxed giving **reasons to 5 by the SPGB** on case to case basis.
3. If a M. Tech./M. Plan./MBA student **secures a CGPA between 5 and 5.5** she/he may be allowed to continue in the next semester on the recommendation of the DPGC and with the approval of the SPGB. However these students shall complete all the other requirements at the time of passingout.
4. A student shall not be allowed to continue in the M. Tech./M. Plan./MBA programme if

- i. his/her CGPA is below 5.
  - ii. his/her CGPA is below 5.5 in two consecutive semesters (however, SPGB may consider continuation as per provisions of para 3).
  - iii. she/he obtains two Fs (i.e. FA/FP) in two courses in a semester.
  - iv. she/he accumulates six or more Xs towards Ph.D progress grades.
5. A student will normally not be allowed to continue in the Ph.D. programme if
    - i. She/he does not have CGPA of at least 7.0
    - ii. She/he accumulates eight or more Xs towards thesis grades.
    - iii. She/he accumulates six or more Xs towards thesis grades in two consecutive semesters.
    - iv. She/he secures Xs in all the thesis units registered for in two consecutive semesters.
  6. A student will be allowed to apply for comprehensive/candidacy in the Ph.D. programme, only if she/he is able to secure CGPA of 7.5 or more.
  7. HOD will issue a warning to an M. Tech./M. Plan. / MBA/ Ph.D. student when she/he accumulates two or more Xs with intimation to Academic Office.
  8. The DPGC will keep a watch on the progress of every student and whenever a student fails to meet the requirements, will intimate to the SPGB. If a student's programme is terminated, the Head of the Department will issue the letter of termination under intimation to his/her parents.

As per above regulations for continuation for semester promotion and award of degree in UG, PG and Ph.D. programmes the Institute receives many requests for relaxations such as re-examination/improvements for PG/Ph.D. students, to allow them to continue in programme and award of degree. Due to this many students are terminated after spending one year and two years in the Institute. It is proposed that following mercy policy may be considered for such cases.

- (1) If a candidate submits application with request for mercy to concerned DPGC/DUGC for mercy appeal with documents.
- (2) The DPGC/DUGC shall examine the case and recommend the case for mercy appeal to be granted or not to be granted to SPGB/SUGB. The SPGB/SUGB shall again examine and recommend the mercy appeal to Senate.
- (3) The Senate shall consider the case of mercy appeal and approve to restore or not to restore the enrolment of the terminated student on academic grounds.

*Item is placed for consideration and directions.*

**Item No. 46-3.5 To consider a uniform policy for award of degree in UG and PG programs.**

A student, upon earning minimum required credits in UG is eligible for award of degree. The Institute has a minimum CPGA requirement of 4.0 for award of degree at UG level, which makes it a credit based scheme.

At PG level, the minimum CPGA requirement of 5.5 for award of degree along with the additional requirement of earning minimum specified credits.

It is proposed to adopt uniform policy for award of degree in UG and PG programs solely based upon earning minimum required credits for respective program.

*Item is placed for consideration and directions.*

**Item No. 46-3.6 To consider the nomination of the two faculty members in the Board of Governors.**

As per the NIT Act 2007, one Professor and one Assistant Professor or Lecturer is to be nominated by Senate to the Board. After the release of the NIT Act, faculty designations have undergone a change. Due to this reason, in 34<sup>th</sup> Senate meeting, it was decided to modify it to one Professor and one Associate Professor/Assistant Professor by rotation. The same was also reported to the Board in its 23<sup>rd</sup> meeting. As per the current practice, one Senior most Professor who has not been nominee of Senate to the Board earlier, is being nominated. Same was also the basis of nominating one Associate Professor last time.

It is proposed to authorize Chairman Senate to nominate one Professor and one Associate/Assistant Professor by rotation to the Board.

*Item is placed for consideration and approval.*

**Item No. 46-3.7 To consider the proposal regarding additional criteria for addition of joint-supervisor (External/ internal) in Ph.D. programme from Government Institutions.**

At present the guidelines as approved by Senate for joint supervisor (External) from Institute/University/Research Organization/Industry are as follows:

- The Institute should be either a CFTI or having NIRF ranking within 100, however, the NIRF (for Indian Institutes) will not be considered for the institutes having Academic MOU or Academic/Research collaboration with MNIT Jaipur
- The research organization should be either Government (State/Central) funded or a well reputed private research organization e.g. Sri Ram Institute for Industrial Research, Delhi.
- Industry with minimum of Rs 100 Crore annual turnover.
- Foreign university within QS 500, however, QS Ranking (for International Institutes) will not be considered for the institutes having Academic MOU or Academic/Research collaboration with MNIT Jaipur

In all cases, the proposal will have to be submitted to Academic Section through DREC & DPGC (recommended by both). It should include the latest CV and consent of the internal/external joint-supervisor (to be added) along with appropriate justification by the internal supervisor.

- For external joint-supervisor addition, the Chairman Senate/SPGB may approve the case when forwarded by the Dean, Academic Affairs. For approval of internal joint-supervision current regulations are to be followed. Addition of joint-supervisors will not be encouraged normally after the comprehensive exam and state of the art seminar.

Further, in pursuance of the directions given by the Senate in its 42<sup>nd</sup> Meeting under Item No.42-3.11, a committee was constituted to review/modify the above criteria for addition of external joint-supervisor working in Government Institutions that are not covered under the criteria already approved by Senate.

The recommendations of the above committee, placed as **Annexure- F (Pg. 31)**, were discussed in the 51<sup>st</sup> meeting of SPGB. After the deliberations, SPGB recommended the following criteria for in addition to existing guidelines:

Following conditions must be fulfilled to include any individual as external supervisor working at Government Institutions not covered under already approved guidelines:

- i. He/She must have Ph.D. and should have supervised at least one Ph.D. (awarded).
- ii. He/She must have published at least 10 research papers in SCI/SSCI/SCOPUS indexed Journal.
- iii. One external supervisor should not be involved with more than one Ph.D. candidates at a time as joint supervisor at MNIT Jaipur.

*Item is placed for consideration and approval.*

**Item No. 46-3.8 To consider the proposal of including GATE qualification as the eligibility criteria for Institute Scholarship along with UGC\_NET Lectureship for Ph.D. scholars of the Department of Humanities and Social Sciences.**

The proposal was discussed in the 51<sup>st</sup> SPGB meeting held on 25<sup>th</sup> July 2022 under Item No. 51-2.7 and the SPGB recommended the following:

The candidates admitted in the Ph.D. programme in the Department of Humanities and Social Sciences, Institute Scholarship is being granted to those candidates who have qualified the UGC-NET lectureship exam. Since GATE is also being conducted in core subjects of Humanities and Social Sciences, GATE qualification or NET Lectureship should be mentioned as the eligibility criteria for Institute Scholarship.

GATE qualification is the eligibility criteria for Institute Scholarship for all engineering subjects at the Institute. Hence, candidates who have cleared GATE in HSS subjects may be considered eligible along with those who have cleared UGC NET Lectureship exam.

If approved, the **Information Brochure** for admission to Doctor of Philosophy - Ph.D. section 8. *Financial Assistance (iii)* may be revised as “*For admission to Ph.D. program with Institute Assistantship in the Department of Humanities & Social Sciences, UGC/CSIR NET/GATE score shall be mandatory.*”

*Item is placed for consideration and approval.*

**Item No. 46-3.9 To consider the proposal for framing guidelines for creation of new Centre/Departments and starting new UG/PG programs.**

Few proposals have been received for opening new Centre of Excellence as well as for conversion of Centre to Department.

At present there are no guidelines for evaluation of such proposals. In future, other similar proposals are also likely to be received. Therefore, it is proposed to frame guidelines for handling all such cases with uniformity, and above proposals be dealt under those guidelines.

*Item is placed for consideration and directions.*

**Item No. 46-3.10 To consider other recommendations of SPGB (recommended in 51<sup>st</sup> meeting of SPGB).**

The meeting of 51<sup>st</sup> SPGB meeting was held on July 25, 2022. The SPGB recommended following items for consideration/approval of senate.

Item	Particulars
51-2.2	To consider the matter of addition of external Joint-Supervisor for dissertation of M.Tech./M.Plan. Programmes.
51-2.11	To consider the proposal received from the Department of Chemical Engineering regarding the Ph.D. students who are already enrolled and getting fellowship from funded Sponsored Research projects should be considered as full-time candidates and not part time, if the topic of their Ph.D. and their project work is the same.
51-4.5	To discuss the recommendations of Committee framed by SPGB formed for reviewing the matter of promotion/graduating of students who do not fulfil the mandatory CGPA requirements
51-4.7	To consider award of degree to 04 students who secured CGPA less than 6.0.

*Item is placed for consideration.*

#### **Item No. 46-4.0 Items for Ratification**

##### **Item No. 46-4.1 To ratify the seat matrix of Ph.D. admission Odd Semester 2022-23**

There are 172 institutional fellowships in the Odd Semester 2022-23. The seat matrix after SC, ST, OBC and EWS reservation as per the rules is placed as **Annexure-G (Pg. 32 to 33)**. The item was approved by Chairman Senate due to urgency of the matter.

*Item is placed for ratification.*

##### **Item No. 46-4.2 To ratify the additional eligibility criteria for admission through CCMT in M. Tech. programme in Academic Year 2022-23 for special round 1 & 2.**

A meeting of all the Heads was held on 06<sup>th</sup> July, 2022 at 4.30 PM regarding addition in qualifications/eligibility for admission through CCMT-2022-23. In follow up of this, various departments of MNIT Jaipur have proposed additional eligibility criteria/qualifications for CCMT-2022-23 in addition to the existing criteria/qualifications. The additional eligibility criteria was approved by the Chairman Senate due to urgency of the matter.

*Item is placed for ratification.*



**Item No. 46-5.0 Items for reporting**

**Item No. 46-5.1 To note the minutes of Special Combined (50<sup>th</sup>) meeting of SUGB and SPGB held on 24<sup>th</sup> June, 2022.**

The minutes of Special Combined meeting of SUGB and SPGB held on 24<sup>th</sup> June, 2022.

The minutes of the Special Combined meeting of SUGB and SPGB approved by Chairman, Senate is placed as **Annexure-H (Pg. 34 to 37)** for reporting.

**Item No. 46-5.2 To note the minutes of the 51<sup>st</sup> meeting of SPGB held on 25<sup>th</sup> July, 2022.**

The 51<sup>st</sup> meeting of Senate Postgraduate Board was held on 25<sup>th</sup> July, 2022.

The minutes of the SPGB approved by Chairman, Senate is placed as **Annexure-I (Pg. 38 to 46)** for reporting.

**Item No. 46-5.3 To note the minutes of 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> meeting of Academic Affairs Committee meeting held on 25<sup>th</sup> March 2022, 08<sup>th</sup> June, 2022, and 20<sup>th</sup> July 2022 respectively.**

The 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> meetings of Academic Affairs Committee (AAC) were held on 25<sup>th</sup> March 2022, 08<sup>th</sup> June, 2022 and 20<sup>th</sup> July 2022 respectively.

The minutes of the AAC are placed at **Annexure-J (Pg. 47 to 53)**.

**Item No. 46-5.4 To note the minutes of meeting of the unfair means committee held on May 4, 2022 and June 20, 2022.**

The minutes of the Unfair Means Committee are placed at **Annexure –K (Pg. 54 to 58)**.

**Item No. 46-6.0 Any other items with permission of chair.**

पंजिका संख्या / FILE NO. F4/S-V-1/20-21-Acad

कार्यालय टिप्पणी

**Note Sheet**

OFFICE OF THE DEAN ACADEMIC

**Sub: Minutes of 44<sup>th</sup> Senate meeting (hybrid mode).**

The 44<sup>th</sup> Senate meeting was held on 8<sup>th</sup> April 2022. Draft minutes of the meeting were circulated to all Senate members for comments till 5.00 PM, 28/04/2022 (Thursday). Some comments received from the members are attached herewith for your kind information.

The minutes of the 44<sup>th</sup> Senate meeting are submitted for kind perusal and approval.



*Approved!*

Chairman, Senate

02/05/2022

*Mehinda*  
REGISTRAR  
02/05/22  
& Secretary

*Registrar*



# Malaviya National Institute of Technology Jaipur

(An Institute of National Importance under Ministry of Education (Shiksha Mantralaya),  
Govt. of India)

JLN Marg, Jaipur-302017 (RAJASTHAN) INDIA

## MINUTES OF 44<sup>TH</sup> MEETING OF SENATE HELD ON 08<sup>TH</sup> APRIL 2022

The 44<sup>th</sup> meeting of Senate was held on 08<sup>th</sup> April 2022 from 4.00 PM onwards in Niti Sabhagar Second floor, Prabha Bhawan of the Institute. The meeting was held in hybrid mode. In all 55 members attended the meeting. The list of members who attended the meeting is enclosed as Annexure-A and the list of members who were unable to attend the meeting is enclosed as Annexure-B.

At the outset, the Dean, Academic welcomed the Director & Chairman Senate, Senate members and gave an introduction of new external members Prof. Ashok Kumar Pradhan, Prof Shuchi Srivastava and Prof. Vipul Rastogi and expressed sincere hopes that their contribution would be very valuable and enriching for the Institute. The Chairman Senate in his remarks in his first Senate meeting of MNIT Jaipur welcomed all the members present in the meeting and also appreciated the contribution of the former external Senate members. The Director & Chairman Senate requested all the members of the Senate to observe one minute silence for the COVID victims in World.

The Dean, Academic presented the agenda and the agenda items were taken one by one, the resolutions of which are as follows:

Item No. 44.1.0	:	<b>To confirm the minutes of the 43<sup>rd</sup> meeting of the Senate held on December 14<sup>th</sup>, 2021.</b>  The 43 <sup>rd</sup> Senate meeting was held on December 14 <sup>th</sup> , 2021. The draft minutes of the meeting were circulated to all the Senate members. No comments were received on the minutes. Thereafter the minutes were approved by the Chairman Senate and were circulated amongst the members for information.  Request of Prof. SK Jana to include his name in the list of senate members who attended 43 <sup>rd</sup> meeting was agreed upon and the minutes of the 43 <sup>rd</sup> Senate meeting were confirmed with this change.
Item No. 44.2.0	:	<b>To note the "Action Taken" on the decisions taken in the 43<sup>rd</sup> meeting of the Senate.</b>  Dean (Academic) apprised Senate of minor changes (1) Item 43-3.4: inclusion of "National Level Examination" for admission to Ph.D. program with Institute Assistantship in Departments of Management Studies and Humanities and Social Sciences. (2) Item 43-3.5: Recommendation of committee in respect of release of Institute Assistantship to Ph.D. students shall also be applicable to M.Tech. students. (3) Item 43-3.7: "a research paper published in open access journal can be considered to meet upto a maximum of one journal publication towards requirement of Ph.D. thesis".  Senate members agreed with all these changes. The "Action Taken Report" of the 43 <sup>rd</sup> meeting of the Senate was noted with aforementioned changes.
Item No. 44-3-0	:	<b>Items for consideration</b>
Item No. 44-3.1	:	<b>To consider implementation of new UG curricular structure.</b>  The matter was deliberated at length and the senate accorded in principle approval to the proposed B.Tech curricular structure.

Certain suggestions were put forth by some Senate members. It was decided that Dean (Academic) shall hold a meeting with HoDs to resolve how to incorporate these suggestions. It was further decided that minutes of this meeting shall be circulated with draft senate minutes to senate members for approval. Minutes of these meeting are placed at Annexure-I

Approved curricular structure after incorporating the decisions of this meeting is placed at Annexure-II.

Item No. 44-3.2

**To consider revisions in sponsored category for Ph.D. admission and introduction of new category for admission of professionals to PhD programme.**

After detailed deliberation, the Senate approved the proposal with some minor modifications. The following was approved by the Senate

1. Ph.D. category for Full Time (without Scholarship) is discontinued from forthcoming semester.
2. A new Ph.D Admission Category: Executive/Professional is introduced.
3. For all PhD categories with "experience" as a pre-requisite, only the relevant experience after the qualifying degree shall be admissible.
4. Approved categories of PhD Admission at MNIT Jaipur along with admission requirements is as follows

S.No.	Category	Full Time/ Part Time	Exam	Interview	Experience	NOC/Consent	Institute Scholarship	GATE/ UGC-NET/ National level exam
1.	Full Time with scholarship	Full Time	✓	✓	X	X	✓	✓
2.	Full Time with own scholarship**		X	✓	X	X	X	✓
3.	Full Time Sponsored*		✓	✓	✓	✓	X	X
4.	Off Campus* (beyond 70 km from Jaipur) Sponsored (PT)	Off Campus	✓	✓	✓	✓	X	X
5.	Part Time*	Part Time	✓	✓	✓	✓	X	X
6.	Project Staff (PT)		✓	✓	✓	✓	X	X
7.	Faculty (PT)		✓	✓	✓	✓	X	X
8.	Staff (PT)		✓	✓	✓	✓	X	X
9.	Executive/Professional		X	✓	✓	✓	X	X

Senate also approved the following eligibility requirements for the new Ph.D Admission Category: Executive/Professional

- (1) Only candidates working in following organizations shall be considered:-
  - a. government organizations/laboratories,
  - b. PSUs, and
  - c. Reputed companies i.e. Companies having annual turnover of Rs. 50 Crores or more.
- (2) Candidate should have following educational qualification and experience.
  - a. Post Graduate Degree with at least 12 years professional experience.
  - b. B.Tech. Degree with at least 15 years professional experience.
- (3) Candidates should have demonstrated research potential through research papers in reputed journals/conferences or patents or technology transfer/deployed.

- (4) The course credit requirement would be as per the current practice for Part-Time candidates.
- (5) The minimum residency requirements for such candidates will be one semester.
- (6) All other conditions shall be as per the PG rules and regulations of MNIT Jaipur.

Senate also approved the following admission procedure for the new Ph.D Admission Category: Executive/Professional

- (1) The candidate will be required to make a research proposal presentation to the DFB. Thereafter, the Chairman of the Departmental Selection Committee (DSC) will send the DFB's recommendation to the Office of Dean Academic (ODA).
- (2) The following committee will conduct the interview of the candidate
 

a. Dean (Academic)	Chairperson
b. Dean (Research and Consultancy)	Member
c. Head of the Department	Member
- (3) The recommendation of the above committee will be approved by the Chairman, Senate for the selection of the candidate.

Item No. 44-3.3

**To consider establishment of 'Continuing and Digital Education Centre (CDEC)' at MNIT Jaipur.**

The Senate approved the establishment of 'Continuing and Digital Education Centre (CDEC)' at MNIT Jaipur. The objectives of the 'Continuing and Digital Education Centre (CDEC)' will be as follows:

- (1) To offer facilities for the creation and conduct of digital course material and online courses.
- (2) To improve and build better interactions with industry/Government organisations through certificate courses for the continuing educational requirement
- (3) To create technically skilled manpower for nation-building
- (4) To facilitate faculty members conducting various kinds of training programmes by creating a single-window service facility
- (5) To facilitate organizing programmes/events such as Self-financed Short Term Courses, AICTE-QIP Courses, TEQIP sponsored Courses, GIAN Courses, NPTEL Courses, SWAYAM Courses, Industry Specific courses, Credit-based courses, Courses for Government schemes like GATI Shakti, Skill India.
- (6) In due course, CDEC should strive for becoming self sustainable and subsequently a revenue-generating centre.

Senate approved identification of appropriate space, providing seed fund and staff for the smooth functioning of such a center in view of its usefulness in facilitating faculty members for their Continuing and digital education related initiatives.

*Mehrotra*

Item No. 44-3.4

**To consider credit transfer of SWAYAM National Programme of Technology Enhanced Learning (NPTEL) courses at MNIT Jaipur**

The proposal regarding credit transfer of SWAYAM National Programme of Technology Enhanced Learning (NPTEL) courses at MNIT Jaipur was discussed in the Senate.

The Senate approved the following :-

- (1) A student registered for a degree programme at MNIT can opt for NPTEL course only if it is not being offered at MNIT or if the student is doing an internship.
- (2) A student cannot enroll for any Institute core or Programme core subject through NPTEL. Ph.D. students can opt for courses other than two mandatory courses of "Research Methodology".

- (3) Grades awarded to students enrolled for NPTEL courses shall be accepted provided enrollment is approved by DUGC/DPGC of the respective department.
- (4) Credits as assigned to a NPTEL course shall be accepted without any change.
- (5) Maximum credits earned through NPTEL courses shall be as follows:

S.No.	Degree Programme	Maximum credits allowed
1	B.Tech/B.Arch.	6 credits
2	MSc/M.Tech/M.Plan/MBA	3 credits
3	PhD	3 credits

- (6) Following is the proposed mapping of NPTEL score and certificate category to MNIT grades.

S.No.	NPTEL Score and Certificate category	Mapping to MNIT Grades
1	<40% No certificate	FP / FA (fail grade)
2	40% - 59% Successfully completed	< 45% DD
		< 50% CD
		< 60 % CC
3	60% - 89% Successfully completed	< 70% BC
		< 80% BB
		< 90 % AB
4	>= 90% Successfully completed	AA

Senate members agreed unanimously that MNIT Jaipur must establish a local NPTEL center under the aegis Continuing and Digital Education Center and offer relevant technical content.

Item No. 44-3.5

: **To consider modifications in distribution of evaluation components for theory and lab courses.**

The matter regarding the modifications in distribution of evaluation components for theory and lab courses was discussed in the meeting.

The Senate approved the following distribution for various evaluation components. In courses with credit structure having both theory and laboratory elements, distribution of the marks for theory and laboratory shall be based on credits assigned to each.

	Theory Course			Laboratory Course		
	Evaluation Component	Approved	Proposed	Evaluation Component	Approved	Proposed
1	CWS	20%	20-30%	PRS	60%	40-60%
2	MTE	30%	20-40%	PRM	20%	20-30%
3	ETE	50%	30-50%	PRE	20%	20-30%

It was decided that the course coordinators must announce the distribution, within the first week of the semester, to the students.

Item No. 44-3.6

: **To consider the programme of M. Tech. (Steel Technology) for Zero Year during academic session 2022-23.**

The Senate approved the proposal submitted by the Department of Metallurgical & Material Engineering regarding the zero year for the M. Tech. (Steel Technology) programme during academic session 2022-23.

Item No. 44-3.7

: **To consider the eligibility criteria for admission to M.Tech. (Metallurgical & Materials Engineering) proposed by the Department of Metallurgical & Material Engineering.**

The proposal regarding the eligibility criteria for admission to M.Tech. (Metallurgical & Materials Engineering) proposed by the Department of Metallurgical & Material Engineering

was approved as proposed by the Senate.

Approved eligibility criteria for admission to M.Tech. (Metallurgical & Materials Engineering) is as follows.

Name of the Programme	Group	Degree Eligibility with degree codes	GATE Codes
M.Tech. (Metallurgical and Materials Engineering )	Group 1	B.E/B.Tech (All Engineering Branches) (T999), M.Sc. in Applied Physics-S503), M.Sc. in Materials Science- (S518), M.Sc. in Physics-(S523), M.Sc. in Engineering Physics and Instrumentation - (S535), M.Sc. in Nano Science and Technology-(S546), M.Sc. in Materials Science Solid State Physics-(S558)	MT, ME, XE,PH, CY, PI, CH

**Item No. 44-3.8 : To consider the proposed change in student intake for various M.Tech programmes**

Senate approved the change in student intake in the M.Tech programmes as proposed by the respective department.

Following is the approved student intake from academic year 2022-23 and onwards.

S No	Name of Programme	Department	Approved Student Intake
1	M. Tech. (Metallurgical & Materials Engineering)	Metallurgical & Materials Engineering	15
2	M.Tech (Chemical Engineering)	Chemical Engineering	15
3	M.Tech (Materials Science and Engineering)	Material Research Centre	15

**Item No. 44-3.9 : To consider the proposal regarding uniformity in policy for conduct of re-exam for MTE and ETE for PG students who miss their exam for genuine reasons.**

Based on the recommendations of the SPGB given in its 49<sup>th</sup> meeting held on 21<sup>st</sup> February 2022, the senate decided to adopt the following guidelines as stipulated in UG regulations regarding the conduct of re-exam for MTE and ETE for PG students who miss their exam for genuine reasons

Hence, the approved, guidelines for PG regulations will be as follows :-

"A student who misses MTE (Mid Term Examination) and/or ETE (End Term Examination) for genuine reasons may reappear for the same within 2 weeks after the last day of the exam."

**Item No. 44-3.10 : To consider a new course "LCA of RE systems" to be offered as a programme elective for M.Tech (Renewable Energy)**

Based on the recommendations of the SPGB given in its 49<sup>th</sup> meeting held on 21<sup>st</sup> February 2022, the Senate approved a new programme elective "LCA of RE Systems" for M.Tech (Renewable Energy) as proposed by the Centre for Energy and Environment.

**Item No. 44-4-0 : Items for Ratification and Reporting**

**Item No. 44-4.1 : Minutes of the 49<sup>th</sup> meeting of SPGB held on 21<sup>st</sup> February, 2022.**

The minutes of 49<sup>th</sup> meeting of Senate Postgraduate Board (SPGB) were noted and ratified.

Item No. 44-4.2	: To report the minutes of 23 <sup>rd</sup> and 24 <sup>th</sup> meeting of Academic Affairs Committee meeting held on 06 <sup>th</sup> December 2021 and 21 <sup>st</sup> January 2022.  The 23 <sup>rd</sup> and 24 <sup>th</sup> meetings of Academic Affairs Committee were noted and ratified.
Item No. 44-4.3	: To note the revised Academic Calendar X Semester B.Arch. 2021-22, I & II Semester B.Tech./B.Arch. 2021-22, IV Semester B.Tech./B.Arch. 2021-22, VI Semester B. Tech./B.Arch. & VIII Semester B.Tech. 2021-22 and Revised PG (M.Tech./ M.Plan./MBA/M.Sc.) & Ph.D. Even Semester 2021-22.  Aforementioned academic calendars were noted and ratified.
Item No. 44-4.4	: To report the continuation of Ph.D. scholar Mr. Sandeep Kumar Gupta (2016RCP9033) in the Ph.D. programme in the Department of Computer Science & Engg.  Continuation of Mr. Sandeep Kumar Gupta (2016RCP9033) in the Ph.D. programme (Department of Computer Science and Engineering), as approved by SPGB, was noted and ratified.
Item No. 44-4.5	: To report the payment of HRA to the Ph.D. students who have not submitted the documents for release of HRA in specified time limit and to revise the frequency of submission of documents for release of HRA.  SPGB's decision in respect of payment of HRA to PhD students was noted and ratified.
Item No. 44-4.6	: To report the minutes of meeting of the unfair means committee held on March 03, 2022.  The minutes of the unfair means committee were noted and ratified.
Item No. 44-4.7	: To report the name of new three external Senate members nominated by the Chairperson, Board of Governors, MNIT Jaipur.  Chairperson, Board of Governors, MNIT Jaipur has nominated following for a period of two years. 1. Prof. Ashok Kumar Pradhan Department of Electrical Engineering IIT Kharagpur Email: <a href="mailto:akpradhan@ee.iitkgp.ac.in">akpradhan@ee.iitkgp.ac.in</a> , <a href="mailto:pradhan.ashok@gmail.com">pradhan.ashok@gmail.com</a> 2. Prof Shuchi Srivastava Professor, Department of Humanities & Head of Management Studies MANIT Bhopal Email: <a href="mailto:shuchi_rajendra@yahoo.co.in">shuchi_rajendra@yahoo.co.in</a> 3. Prof. Vipul Rastogi, Department of Physics IIT Roorkee Email: <a href="mailto:vipul.rastogi@ph.iitr.ac.in">vipul.rastogi@ph.iitr.ac.in</a>  The nomination has been made as per Section 14(d) of NIT Act 2007 "three persons, one of whom shall be woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, form amongst educationists of repute, one each from the field of science, engineering and humanities". The above mentioned external members of the Senate were noted and ratified by the Senate.
Item No. 44-5.0	: Any other items with permission of chair.
Item No 44-5.1	: To consider the proposed curricular structure of B.Arch. programme.



The Senate approved the proposed curricular Structure of B.Arch. programme.


Item No 44-5.2

**To consider the proposed change in student intake for M.Tech. programmes offered by the Department of Mechanical Engineering**

The Senate approved the request of Department of Mechanical Engineering in respect of change in student intake to be notified in the seat matrix to CCMT. The Senate approved the following student intake for various M.Tech programmes of the Department of Mechanical Engineering.

S No	Name of Programme	Department	Student Intake	
			Current	Proposed
1.	M. Tech. (Design Engineering)	Mechanical Engineering	22	20
2.	M.Tech. (Industrial Engineering)	Mechanical Engineering	25	20
3.	M.Tech. (Production Engineering)	Mechanical Engineering	22	20
4.	M.Tech. (Thermal Engineering)	Mechanical Engineering	20	20

The meeting ended with vote of thanks to the Chair.



Registrar & Secretary

Chairman Senate

The list of Senate members who attended online/offline 44<sup>th</sup> Senate meeting:

S. No.	Name
1.	Prof. N. P. Padhy
2.	Prof. Ashok Kumar Pradhan
3.	Prof. Shuchi Srivastava
4.	Prof. Vipul Rastogi
5.	Prof. A. B. Gupta
6.	Prof. B. L. Swami
7.	Prof. D. Boolchandani
8.	Prof. G. D. Agarwal
9.	Prof. G. S. Dangayach
10.	Prof. Ghanshyam Singh
11.	Prof. Girdhari Singh
12.	Prof. Gunwant Sharma
13.	Prof. Harpal Tiwari
14.	Prof. Himanshu Chaudhary
15.	Prof. Jyoti Joshi
16.	Prof. Jyotirmay Mathur
17.	Prof. K. K. Sharma
18.	Prof. K. R. Niazi
19.	Prof. Kanupriya Sachdev
20.	Prof. M. K. Shrimali
21.	Prof. M. L. Mittal
22.	Prof. M. M. Sharma
23.	Prof. Mahender Choudhary
24.	Prof. Manju Singh
25.	Prof. Manoj Fozdar
26.	Prof. Mohammad Salim
27.	Prof. Nupur Tondon
28.	Prof. R. C. Gupta
29.	Prof. Ragini Gupta
30.	Prof. Raj Kumar Vyas
31.	Prof. Rajeev Shringi
32.	Prof. Rajendra Kumar Goyal
33.	Prof. Rajesh Kumar
34.	Prof. Rajive Tiwari
35.	Prof. Rakesh Jain
36.	Prof. Ravindra Nagar
37.	Prof. S. D. Bharti
38.	Prof. S. P. Chaurasia
39.	Prof. Sanjay Mathur
40.	Prof. Sushant Kumar Jana
41.	Prof. Tarush Chandra
42.	Prof. Urmila Brighu
43.	Prof. Vibhuti Singh Shekhawat
44.	Prof. Vijay Laxmi
45.	Prof. Vineet Sahula
46.	Prof. Y.P. Mathur
47.	Dr. Dinesh Gopalani
48.	Dr. Dipti Sharma
49.	Dr. Kamleendra Awasthi

50.	Dr. Manish Vashishtha
51.	Dr. Monica Sharma
52.	Dr. Nand Kumar
53.	Dr. Sumit Khandelwal
54.	Dr. Vatsala Mathur
55.	Dr. Vivakanand

The list of members who could not attend 44<sup>th</sup> Senate meeting:

S. No.	Name
1.	Prof. A. K. Vyas
2.	Prof. Ajay Singh Jethoo
3.	Prof. Alok Gupta
4.	Prof. Alok Ranjan
5.	Prof. Dilip Sharma
6.	Prof. Kailash Singh
7.	Prof. Lava Bhargava
8.	Prof. Mahesh Kumar Jat
9.	Prof. Nirutpam Rohtagi
10.	Prof. R. P. Yadav
11.	Prof. Rohit Goyal
12.	Prof. S. K. Tiwari
13.	Prof. Sudhir Kumar
14.	Prof. Suja George
15.	Prof. T. C. Gupta
16.	Prof. Upendra Pandel
17.	Prof. Vijay Janyani
18.	Prof. Vikas Gupta

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY**  
**Office of Dean Academics**

**Meeting with Head of the Departments**

Date: April 12, 2022

Subject: Minutes of the Meeting

The proposed curricular structure of UG programmes was placed for consideration of the Senate of MNIT Jaipur vide agenda item no. 44-3.1. The Senate accorded its 'In Principle' approval to the same. Some points/suggestions were raised by few senators and the Senate resolved that the Dean Academics shall hold a meeting with the Head of the Departments to form a consensus on the various points submitted by the senators. The suggestions given by the senators are as given below, along with the proposer's name

Prof. Himanshu Chaudhary

- A. Basic sciences courses need not be common across various disciplines and every science department may offer multiple courses with different course contents which can be chosen by different department for their respective UG programmes,

Prof. ML Mittal

- B. Offering a basic course of mechanical engineering (both theory and laboratory) under 'Institute Core' category  
C. Offering a course on drawing and sketching under 'Institute Core' category for all the students to impart knowledge of sketching and 3D visualization.

Prof. Vatsala Mathur

- D. The mathematics courses have been proposed with a L-T-P structure of 2-1-0 and it will be difficult to complete the syllabus with this contact structure as well as reducing the syllabus of the courses so as to complete the same in the proposed L-T-P structure will result in leaving out some important topics.

Prof. Vijay Janyani

- E. It will be difficult to conduct the proposed course of Basics of Electronics and Electrical Engineering (L-T-P structure of 3-0-0) jointly with the Department of Electrical Engineering and it will be good to break this course into two different units each having a L-T-P structure of 2-0-0.

The meeting was held on April 12, 2022 at 03:30 PM in the Old Senate Hall, Prabha Bhawan, MNIT Jaipur. The meeting was attended by the following members:

- |                       |   |
|-----------------------|---|
| • Prof. Urmila Brighu | Dean, Academics   |
| • Prof. Jyoti Joshi   | Head, Department of Chemistry                               |
| • Prof. M.L. Mittal   | Head, Department of Mechanical Engineering                  |
| • Prof. R.K. Goyal    | Head, Department of Metallurgical and Materials Engineering |
| • Prof. R.K. Vyas     | Representing the Head, Department of Chemical Engineering   |
| • Prof. Rajeev Tiwari | Head, Department of Electrical Engineering                  |
| • Prof. Sanjay Mathur | Head, Department of Civil Engineering                       |
| • Prof. Vijay Janyani | Head, Department of Electronics and Comm. Engineering       |
| • Dr. Dinesh Gopalani | Head, Department of Computer Science and Engineering        |
| • Dr. Dipti Sharma    | Head, Department of Humanities and Social Sciences          |

- Dr. Kamendra Awasthi      Head, Materials Research Centre
- Dr. Nand Kumar              Head, Department of Architecture
- Dr. Vatsala Mathur         Head, Department of Mathematics
- Dr. Venkataratnam  
Kamma                          Representing the Head, Department of Physics
- Dr. Vivekanand V.          Head, Center for Energy and Environment
- Dr. Sumit Khandelwal       Associate Dean (UG)

All the above points were discussed in the meeting and the resolutions are given hereunder.

- A. It was decided that the Department of Chemistry and Department of Physics will prepare multiple course contents (minimum two, one for the circuit branches and other for non-circuit branches) in consultations with the various departments. It was also decided that both the departments will be offering two courses (one theory and one laboratory) with a total of 4 credits. The departments may make a choice of (3-0-0 and 0-0-2 or 2-1-0 and 0-0-2 or 3-1-0 and 0-0-2/2 for theory and laboratory courses, respectively). However, the L-T-P structure will be common across all the different courses of one department.
- B. It was decided that a course on 'Introduction to Mechanical Systems' with a L-T-P structure of 2-0-0 and 'Product Realization through Manufacturing' with a L-T-P structure of 0-0-2 will be offered by the Department of Mechanical Engineering. It was suggested that the course on 'Product Realization through Manufacturing' shall include advanced and recent technologies and may exclude less relevant technologies.
- C. It was discussed that the fundamentals of various projections shall be covered before the students can be exposed to any 3D visualization or associated sketching. Hence, it was decided that the course of Computer Aided Engineering Drawing with a proposed L-T-P structure of 1-1-1 will be sufficient to provide fundamentals of drawings to the students of UG programmes. If any department wishes to train students for higher learning in this area, a corresponding course can be offered under the Programme linked Engineering Arts and Sciences category. It was also discussed that the nomenclature of proposed course on Computer Aided Engineering Drawing may be revised to 'Engineering Drawing and Sketching' to eliminate unnecessary emphasis given to the drawing tool instead of the course.
- D. It was decided that the L-T-P structure of both the courses of mathematics may be kept as 3-1-0 i.e. same as being offered under the current scheme.
- E. It was decided that the proposed course on Basics of Electronics and Electrical Engineering shall be offered jointly by the departments and the coordination of the same may be decided by the departments as per mutual convenience.

In light of the above decisions/recommendations, the credits under Institute Core category increase to 36 from the current proposed credits of 33. This increase of credits in Institute Core courses will be compensated by bringing the limit of Discipline Specific Courses to 121 – 139 (against 124 – 142, as proposed for B.Tech. only degree).

The meeting was concluded with thanks to the chair.

Table 1: Credit Structure (revised) for the Proposed Scheme

Course type	Proposed scheme		
	B. Tech. Only	B. Tech. with Honors	B. Tech. with Minor Specialization
<b>Total Credits</b>	<b>178 – 184</b>	<b>196 – 202</b>	<b>196 – 202</b>
<b>Institute core</b>	<b>36<sup>#</sup></b>	Same as for B.Tech. only programme	Same as for B.Tech. only programme
<i>Basic Sciences</i>	<i>16<sup>a</sup></i>		
<i>Fundamental Engg. (EAS)</i>	<i>15<sup>b</sup></i>		
<i>Humanities &amp; Social Science</i>	<i>5<sup>c</sup></i>		
<b>Discipline specific courses</b>	<b>121 – 139<sup>#</sup></b>	<b>124 – 142 + 18<sup>**</sup></b>	Same as for B.Tech. only programme
<i>Programme core</i>	109 – 136	124 - 154	
<i>Programme elective</i>			
<i>Advance elective</i>			
<i>Project</i>	3 – 12	3 – 12 + (0 – 3) <sup>**</sup>	
<i>Management</i>	3	3	
<b>Other courses</b>	<b>9 – 21</b>	Same as for B.Tech. only programme	9 – 21 + 18 <sup>**</sup>
<i>Open electives</i>	6		<i>As per detail of minor program</i>
<i>Programme linked EAS/BS</i>	3 – 15		

a: These courses include

<b>Chemistry</b>	<b>(3 credits, 2-1-0)<sup>#</sup></b>
Chemistry Lab	(1 credit, 0-0-2)
<b>Mathematics I</b>	<b>(4 credits, 3-1-0)<sup>#</sup></b>
<b>Mathematics II</b>	<b>(4 credits, 3-1-0)<sup>#</sup></b>
<b>Physics</b>	<b>(3 credits, 2-1-0)<sup>#</sup></b>
Physics Lab	(1 credit, 0-0-2)

b: These courses include

Basics of Electronics and Electrical Engg.	(3 credits, 3-0-0)
Electrical Engineering Lab	(1 credit, 0-0-2)
Electronics Engineering Lab	(1 credit, 0-0-2)
<b>Engineering Drawing and Sketching</b>	<b>(2 credits, 1-1-1)<sup>#</sup></b>
Computer Science and Programming	(2 credits, 2-0-0)
Programming Lab	(1 credit, 0-0-2)
Environmental Science and Ecology	(2 credits, 2-0-0)
<b>Introduction to Mechanical systems</b>	<b>(2 credits, 2-0-0)<sup>#</sup></b>
<b>Product Realization through Manufacturing</b>	<b>(1 credit, 0-0-2)<sup>#</sup></b>

Programme linked EAS courses can be taken from the pool of other courses.

c: These courses include

Basic Economics	(2 credits, 2-0-0)
<b>Technical Communication (Basic/ Advanced)</b>	<b>(2 credits, 2-0-0)<sup>#</sup></b>
<b>Language lab (Basic/ Advanced)</b>	<b>(1 credit, 0-0-2)<sup>#</sup></b>

<sup>#</sup>: Revised on the basis of discussions in the meeting with the Head of the Departments

<sup>\*\*</sup>: For Honors/Minor program as applicable

**Table 2: Credits and contact hours of Current and Proposed Schemes**

Semester	Current Scheme		Proposed scheme					
	Credits	Contact Hours per week	B. Tech. Only		B. Tech. with Honors		B. Tech. with Minor Specialization	
			Credits	Contact Hours per week	Credits	Contact Hours per week	Credits	Contact Hours per week
Semester I	24	28/27	25	28	25	28	25	28
Semester II	22	27/28	25	28	25	28	25	28
Semester III	23 – 26	26 – 29	25	28	25	28	25	28
Semester IV	23 – 27	28 – 30	25	28	25	28	25	28
Semester V	24 – 26	27 – 30	21	24	21 + 6	31	21 + 6	31
Semester VI	24 – 26	27 – 30	21	24	21 + 6	31	21 + 6	31
Semester VII	16 – 26	18 – 32	18 <sup>#</sup>	20	18 + 3	24	18 + 3	24
Semester VIII	23 – 32	24 – 33	18 <sup>*</sup>	20	18 + 3	24	18 + 3	24

#: Including 3 credits for minor project (mandatory for every student)

\*: Including 6- 9 credits for major project (optional)

~: The range of ratio of total teaching load of a program to total graded credit units, as per the current schemes, is 1.11 to 1.14 (Dept. of ECE has 1.20). An average factor of 1.13 has been used to calculate teaching load from credits in a particular semester.

- A. The above limits of credits for each semester are indicative and the departments may revise the above limits by  $\pm 2$  credits for each semester.
- B. Two projects have been proposed in the new scheme. The minor project (3 credits) will be carried out during VII semester while major project will be carried out during VIII semester (6 – 9 credits). Minor project will be compulsory for all students of the department. Major project will be optional for B.Tech. only program, and the student may earn the required credits against major project through elective courses offered by the parent department. However, students opting for Honors/Minor Specialization/Internship have to compulsorily register for major project in VIII semester.
- C. A student will be allowed to register for 2 additional theory courses beyond the regular courses in a particular semester.
- D. The students will have the option to choose from a basket of multiple sub-domains within the parent department (through Honors) or sub-domains of departments other than the parent department (Minor Specialization).
- E. Requirements for Honors and Minor Specialization programs
  - i. Honors and Minor programs start from V Semester.
  - ii. Minimum CGPA requirements for registration shall be 7.50 at the end of IV semester. Students of a department will be allowed to register for Honors program offered by their parent department, while students of a department will be allowed to register for Minor program offered by any other department.
  - iii. Number of additional credits shall be 18 with 6 courses (or 5 courses + 1 mini project of 3 credits) as prescribed by the department offering Honors/Minor program.
  - iv. The student is required to plan registration for Honors/Minor program courses, in order to complete all the six courses by the end of VIII semester.
  - v. Maximum number of students enrolled in any course of a Minor program shall be 30. The allotment of students in the minor program shall be on the basis of CGPA.



- vi. The student will not be allowed to continue/register for Honors/ Minor specialization if his/her CGPA falls below 7.50. In case, his/her CGPA improves to 7.50 or higher in subsequent semester(s), he/she may be allowed to continue.
  - vii. Students should be prepared to write more than one exam in a day.
- F. After successful completion of the requirements of the Honors program, the student will be awarded a degree in “name of the discipline” with “Honors” (e.g. Bachelor of Technology in Civil Engineering with Honors or Bachelor of Technology in Mechanical Engineering with Honors etc.).
- G. After successful completion of the requirements of the Minor program, the student will be awarded a degree in “name of the discipline” with minor specialization in “name of the minor specialization” (e.g. Bachelor of Technology in Electrical Engineering with Minor Specialization in Environmental Engineering or Bachelor of Technology in Computer Science and Engineering with Minor Specialization in Quantum Mechanics etc.).
- H. Students will have following exit options:

**Table 3: Exit options and eligibility condition**

S. No.	Exit option with	Eligibility Condition
1	Diploma Certificate	After successfully completing all courses of I to IV semesters or The student has earned 100 credits through graded courses
2	B.Sc. Degree	After successfully completing all courses of I to VI semesters or The student has earned 142 credits through graded courses
3	B.Tech. Degree	After successfully completing all courses of I to VIII semesters

- I. Maximum duration of completing a UG program shall be 6 years (12 semesters) from initial registration excluding semester withdrawals, if the student has not exercised any exit option and has completed his registration in every semester.
- J. Maximum duration of completing a UG program shall be 8 years (16 semesters) from initial registration excluding semester withdrawals, for students who have exercised any exit option given in table 3 above.
- K. Non-graded credits need to be earned by the students.
- L. A student seeking admission after exercising exit option needs to return original degree/diploma certificate to MNIT Jaipur.
- M. Minor specialization can be offered by any department.



## Malaviya National Institute of Technology Jaipur

(An Institute of National Importance under Ministry of Education (Shiksha Mantralaya),  
Govt. of India)

JLN Marg, Jaipur-302017 (RAJASTHAN) INDIA

### MINUTES OF 45<sup>TH</sup> MEETING OF SENATE (EMERGENT) HELD ON 27<sup>TH</sup> JUNE 2022

The 45<sup>th</sup> meeting of Senate (emergent) was held on 27<sup>th</sup> June 2022 from 4.00 PM onwards. The meeting was held in ONLINE mode. In all 58 members attended the meeting. The list of members who attended the meeting is enclosed as Annexure-A and the list of members who were unable to attend the meeting is enclosed as Annexure-B.

At the outset, the Director & Chairman Senate welcomed the Senate members

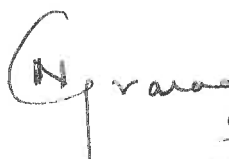
The Director & Chairman Senate presented the agenda and the resolution is as under:

Item No. 45.1.1	:	<p><b>To consider waiver in credit requirements for the award of B.Tech. degree</b></p> <p>The matter was deliberated at length and considering the recommendation of the combined meeting of SUGB and SPGB held on 24<sup>th</sup> June 2022, the Senate approves that the students, who have completed all the requirements for the award of the degree of B.Tech. (Mechanical Engineering) but have a shortfall of up to 2 credits in meeting the credits requirement, may be awarded the degree after waiving off the requirements to earn the mandatory 197 credits. Further, the Senate observed that this is a one-time exception and shall not be treated as a precedence for other cases in future.</p>
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The meeting ended with vote of thanks to the Chair.

  
28/6/22  
Registrar & Secretary

Chairman Senate

  
28/06/22

The list of Senate members who attended online 45<sup>th</sup> Senate meeting:

S. No.	Name
1.	Prof. N. P. Padhy
2.	Prof. Ashok Kumar Pradhan
3.	Prof. Shuchi Srivastava
4.	Prof. Vipul Rastogi
5.	Prof. A. B. Gupta
6.	Prof. Ajay Singh Jethoo
7.	Prof. Alok Ranjan
8.	Prof. B. L. Swami
9.	Prof. D. Boolchandani
10.	Prof. Dilip Sharma
11.	Prof. G. D. Agarwal
12.	Prof. Ghanshyam Singh
13.	Prof. Girdhari Singh
14.	Prof. Gunwant Sharma
15.	Prof. Harpal Tiwari
16.	Prof. Jyoti Joshi
17.	Prof. Jyotirmay Mathur
18.	Prof. K. K. Sharma
19.	Prof. Kailash Singh
20.	Prof. Kanupriya Sachdev
21.	Prof. Lava Bhargava
22.	Prof. M. K. Shrimali
23.	Prof. M. L. Mittal
24.	Prof. M. M. Sharma
25.	Prof. Mahender Choudhary
26.	Prof. Manoj Fozdar
27.	Prof. Nirupam Rohtagi
28.	Prof. R. C. Gupta
29.	Prof. R. P. Yadav
30.	Prof. Ragini Gupta
31.	Prof. Raj Kumar Vyas
32.	Prof. Rajesh Kumar
33.	Prof. Rajive Tiwari
34.	Prof. Rakesh Jain
35.	Prof. S. D. Bharti
36.	Prof. S. P. Chaurasia
37.	Prof. Sanjay Mathur
38.	Prof. Sushant Kumar Jana
39.	Prof. Tarush Chandra
40.	Prof. Upendra Pandel
41.	Prof. Urmila Brighu
42.	Prof. Vibhuti Singh Shekhawat
43.	Prof. Vijay Janyani
44.	Prof. Vijay Laxmi
45.	Prof. Y.P. Mathur
46.	Prof. Himanshu Chaudhary

47	Dr. Bhagwati Sharma
48.	Dr. Manish Vashishtha
49.	Dr. Sumit Khandelwal
50.	Dr. Vatsala Mathur

The list of members who could not attend 45<sup>th</sup> Senate meeting:

S. No.	Name
1.	Prof. A. K. Vyas
2.	Prof. Alok Gupta
3.	Prof. G. S. Dangayach
4.	Prof. K. R. Niazi
5.	Prof. Mahesh Kumar Jat
6.	Prof. Manju Singh
7.	Prof. Mohammad Salim
8.	Prof. Nupur Tandon
9.	Prof. Rajeev Shringi
10.	Prof. Rajendra Kumar Goyal
11.	Prof. Ravindra Nagar
12.	Prof. Rohit Goyal
13.	Prof. S. K. Tiwari
14.	Prof. Sudhir Kumar
15.	Prof. Suja George
16.	Prof. T. C. Gupta
17.	Prof. Vikas Gupta
18.	Prof. Vineet Sahula
19.	Dr. Dinesh Gopalani
20.	Dr. Dipti Sharma
21.	Dr. Monica Sharma

### Employment Based Curriculum: an opportunity through NEP 2020

The National Education Policy 2020 has given ample opportunities to academic institutions for carrying out overhauling their curricular structure and embrace the approaches that enhance the employability of students making them industry ready. The following sections present an attempt to include several aspects of NEP-2020 in the curricular restructuring such as interdisciplinary and cross disciplinary education, flexible curriculum, industry participation in delivery of courses, project-based learning.

1. Curriculum for enhancing employability has been designed keeping in view that there are two major categories of employment opportunities:

- a) Government, public sector, higher education in technology
- b) Private sector, higher education in management and other fields

Need for encouraging students in becoming 'job creator' rather than 'job seeker' has been highlighted in several reports. Therefore, in addition to the above two categories, a third category is:

- c) Entrepreneurship/startups
2. Each of the three pathways require significantly different skill sets and therefore it is proposed to create three major tracks of courses that prepare students for each category of employment as per his choice.

Table below presents mapping of skill sets for each of the above three pathways:

Skill set	Govt. jobs/Public sector/Higher tech. education	Private sector/Mgmt. education	Entrepreneurship
Core domain knowledge	High	Moderate	Uncertain
Inter-disciplinary tech. knowledge	Relatively low	High	High
Cross-disciplinary knowledge	Relatively low	Moderate	High
Hand-on project experience	Relatively low	High	High
Soft skills	Relatively low	High	High
Professional certifications	No	High	Relatively low

It is clearly evident that all the desirable skill sets as per the three broad pathways, have significant diversity and packaging all of them in single rigid curriculum is very difficult.

To accommodate all the desirable skill sets, it is proposed to create three different tracks for each of the three pathways as described below:

### Track-1

#### Content

- Syllabus based upon UPSC/GATE/State Service exams
- Exposure to new research areas
- Training to conduct literature study
- Design calculations and reasoning

#### Additional opportunities

- Provision of Honors for those interested in higher studies
- Additional Courses in specialized area for helping deep-tech knowledge
- Initial training for conducting research and publications

#### Delivery

- Largely by faculty
- Exposure of faculty to recent topics
- Network of International Institutes/GIAN etc. be utilized
- NPTEL course material
- Project may not be mandatory against more courses

### Track-2

#### Content

- More interdisciplinary courses
- Curriculum to be periodically vetted by industry
- Courses offered by industry
- Soft skill courses

#### Additional opportunities

- Provision of Minor Specialization as per employment opportunities
- Internship/Practice school concept
- Facilitation for industry relevant professional certifications

#### Delivery

- Significant portion by industry
- Industry relevant problems as project work
- Capstone project concept for problem solving

### Track-3

#### Content

- Inter-disciplinary knowledge opportunities
- Cross disciplinary knowledge such as accounting, company law, market analysis
- Biggest user of flexible credit scheme and open structure

#### Additional opportunities

- Flexibility to shift to Track-2
- Deferred placement as backup support
- Seed fund support from institute aligned with progress of startup

#### Delivery

- Largely by entrepreneurs/mentors at incubation centre
- Through conceiving a startup
- Progress in incubation center may be evaluated and credits be awarded by faculty mentors

3. Following structure may be adopted for the purpose:

- a) **Year-1 (Semester-1 and 2):** Regular B.Tech. curriculum of respective discipline
- b) **Year-2 (Semester-3 and 4):** Regular B.Tech. curriculum of respective discipline
- c) **Year-3 (Semester-5 and 6):**
  - Student to opt for one of the three tracks.
  - Students opting for the first track be offered courses aligned with syllabus of UPSC/GATE/other similar exams
  - Students opting for the second track be offered courses of industrial relevance
  - Some courses may be common in all the tracks for imparting basic and essentials of the discipline of study and other courses of the tracks to be as per the career path chosen.
- d) **Year-4 (Semester-7 and 8):**
  - Students opting for the first track to continue studying aligned with syllabus of UPSC/GATE/other similar exams
  - Students studying in first track may also be offered 'Honors', upon studying few advanced courses, as this may prepare them better for competitive exams or for PG or Ph.D. admissions in premier institutes worldwide
  - Students opting for the second track to be exposed to industry intensive teaching-learning based courses projects and mandatory practice school in 7<sup>th</sup> or 8<sup>th</sup> Semester.
  - Student opting for the third track to be trained to handle various aspects of doing business, spanning over company laws, accounting fundamentals, market analysis, prototyping and many more.

Summary of the three tracks is presented below:

Semester-1 and 2	Common for all for basic engineering concepts		
Semester-3 and 4	Domain fundamentals		
After 4 <sup>th</sup> Semester, student opts for one of the three tracks			
	Track-1: Academic pathway	Track-2: Industry pathway	Track-3: Entrepreneurship pathway
Semester-5	<ul style="list-style-type: none"> <li>• Domain fundamentals</li> <li>• Domain application</li> </ul>	<ul style="list-style-type: none"> <li>• Domain fundamentals</li> <li>• Inter-disciplinary courses</li> </ul>	<ul style="list-style-type: none"> <li>• Domain fundamentals</li> <li>• Entrepreneurship basics</li> </ul>
Semester-6	<ul style="list-style-type: none"> <li>• Domain application</li> <li>• Domain electives</li> <li>• Open electives</li> </ul>	<ul style="list-style-type: none"> <li>• Domain application</li> <li>• Industry delivered courses</li> <li>• Soft/analytical skill courses</li> </ul>	<ul style="list-style-type: none"> <li>• Domain application</li> <li>• Industry delivered courses</li> <li>• Pre-incubation courses</li> </ul>
Semester-7	<ul style="list-style-type: none"> <li>• Domain electives</li> <li>• Inter-disciplinary courses</li> </ul>	<ul style="list-style-type: none"> <li>• Internship/Practice school</li> </ul>	<ul style="list-style-type: none"> <li>• MVP and pre-market readiness</li> </ul>
Semester-8	<ul style="list-style-type: none"> <li>• Advanced courses (electives)</li> </ul>	<ul style="list-style-type: none"> <li>• Industry certification courses</li> <li>• Industry mentored project</li> </ul>	<ul style="list-style-type: none"> <li>• Product launch and full working</li> </ul>



4. The second track should offer more flexibility to the students as there may be sub-sectors within each discipline and students may like to take up job related to interdisciplinary and cross disciplinary areas.
5. If the student pursuing the second track chooses, he may also be offered significant number of courses of any other discipline as per his interest and prevailing industry demand. Such selection to be largely based upon enhanced job opportunities and to address fluctuations of manpower demand in any one discipline.
6. Contents of all the courses in the second track should be vetted by industry/industries having good employability potential or related professional societies.
7. As far as possible, each track should have collaboration/endorsement from industry association/professional body, such as NASSCOM, IEEE, SAE, for relevance of contents as per current industry demand.
8. Some professional bodies also offer certification programs, such as Certified Network Engineer, Certified Energy Auditor, Certified Green Building Professional etc. that enhance employability of students. It is recommended that courses which equip students to get those certifications be offered in these baskets expecting the student to appear for relevant certification test on his own.
9. Provision for recognizing credits against online/offline certifications that are recognized by industry for employment be kept in the second track.
10. Since soft skills are very much required for enhancing the employability, this track should follow a pedagogy that side by side improves soft skills of the students, such as presentations, project based learning, report writing etc.
11. In the second track, there may also be an option of choosing between UG project and employability centric skill development courses (preferably offered by industry). This may be especially useful for students with relatively lower CGPA and/or having significant requirement of improvement in soft skills.
12. Contents of the third basket would require teaching and deep involvement of entrepreneurs and specialists. Some courses/credits may be against developing business

plan, developing product and evaluation scheme of these need to be different as compared to classical courses offered in other tracks.

13. For the third track, at the beginning of 6<sup>th</sup> Semester itself, student(s) may be motivated to identify a product/service to be offered by their start-up and form a company and be groomed accordingly.
14. As a backup, students opting for third track they may be offered placement opportunity after one year of their passing out, giving them time of two years to seriously try to launch their enterprise.
15. Second and third track can have a significant overlap and common courses, hence, switching between these tracks should be allowed, as some students at a later stage may identify other track more interesting.

## Undergraduate Programmes

The intake/allocation of 888 seats for students from Rajasthan & other than Rajasthan states for the session 2022-23 are as follows:

Institute Code	Program Code	Program Name	State / All India Seats	Seat Pool	OPE N	OPE N-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	Total
202	5101	Architecture	Rajasthan	Gender-Neutral	11	1	3	0	5	0	2	0	8	0	30
				Female-only (including Supernumerary)	3	0	0	0	1	0	1	0	2	1	8
202	4107	Chemical Engineering	Rajasthan	Gender-Neutral	19	1	4	1	6	0	4	0	11	1	47
				Female-only (including Supernumerary)	4	0	1	0	2	0	1	0	3	0	11
202	4109	Civil Engineering	Rajasthan	Gender-Neutral	16	2	5	0	6	1	3	0	12	0	45
				Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	3	0	12
202	4110	Computer Science and Engineering	Rajasthan	Gender-Neutral	17	1	4	1	7	0	3	0	13	1	47
				Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	2	0	11
202	4111	Electrical Engineering	Rajasthan	Gender-Neutral	18	0	5	0	7	1	3	0	12	1	47
				Female-only (including Supernumerary)	4	1	1	0	1	0	1	0	3	0	11
202	4114	Electronics & Communication Engineering	Rajasthan	Gender-Neutral	18	0	5	0	8	0	2	1	12	1	47
				Female-only (including Supernumerary)	5	1	1	0	1	0	1	0	3	0	12
202	4125	Mechanical Engineering	Rajasthan	Gender-Neutral	18	1	4	0	6	1	4	0	12	1	47
				Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	3	0	12
202	4127	Metallurgical & Materials Engineering	Rajasthan	Gender-Neutral	19	1	4	0	6	0	2	1	12	0	45
				Female-only (including Supernumerary)	3	0	2	0	1	1	2	0	3	0	12
<b>Total (A)</b>					<b>170</b>	<b>9</b>	<b>42</b>	<b>2</b>	<b>63</b>	<b>4</b>	<b>32</b>	<b>2</b>	<b>114</b>	<b>6</b>	<b>444</b>

Institute Code	Program Code	Program Name	State / All India Seats	Seat Pool	OPE N	OPE N-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	Total
202	5101	Architecture	Other than Rajasthan	Gender-Neutral	12	1	3	0	5	0	2	0	7	1	31
				Female-only (including Supernumerary)	3	0	1	0	1	0	1	0	2	0	8
202	4107	Chemical Engineering	Other than Rajasthan	Gender-Neutral	18	1	5	0	6	0	4	0	11	1	46
				Female-only (including Supernumerary)	4	0	1	0	2	0	1	0	3	0	11
202	4109	Civil Engineering	Other than Rajasthan	Gender-Neutral	17	1	4	1	6	1	4	0	12	0	46
				Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	3	0	12
202	4110	Computer Science and Engineering	Other than Rajasthan	Gender-Neutral	17	1	5	0	7	1	3	0	12	1	47
				Female-only (including Supernumerary)	5	1	1	0	1	0	1	0	3	0	12
202	4111	Electrical Engineering	Other than Rajasthan	Gender-Neutral	18	1	4	0	7	0	3	1	12	1	47
				Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	3	0	12
202	4114	Electronics & Communication Engineering	Other than Rajasthan	Gender-Neutral	18	0	4	1	8	0	3	0	12	1	47
				Female-only (including Supernumerary)	4	1	1	0	1	0	1	0	3	0	11
202	4125	Mechanical Engineering	Other than Rajasthan	Gender-Neutral	18	1	4	1	6	1	2	0	12	0	45
				Female-only (including Supernumerary)	5	0	1	0	1	0	1	0	4	0	12

202	4127	Metallurgical & Materials Engineering	Other than Rajasthan	Gender-Neutral	19	1	4	0	6	0	3	0	13	0	46
				Female-only (including Supernumerary)	3	0	2	0	2	0	1	0	2	1	11
				<b>Total (A)</b>	<b>171</b>	<b>9</b>	<b>42</b>	<b>3</b>	<b>63</b>	<b>3</b>	<b>32</b>	<b>1</b>	<b>114</b>	<b>6</b>	<b>444</b>

<b>Legends</b>			
Open	Open Seats	Open - PwD	Open - PwD Seats (Person With Disability)
EWS	Economically Weaker Section	EWS-PwD	EWS-PwD Seats (Person With Disability)
OBC-NCL	OBC-NCL Seats	OBC-NCL-PwD	OBC-NCL-PwD Seats (Person With Disability)
SC	SC Seats	SC - PwD	SC - PwD Seats (Person With Disability)
ST	ST Seats	ST - PwD	ST - PwD Seats (Person With Disability)

The intake/allocation of 20 seats for students from Foreign Nationals through Indian Council for Cultural Relations (ICCR) & Ministry of External Affairs in UG programmes for the session 2022-23

Branch	MEA (Education)	MEA (Welfare)	ICCR	Total
Architecture (5 years)	1	-	1	2
Civil Engineering (4 years)	3	2	-	5
Chemical Engineering (4 years)	-	1	-	1
Computer Science & Engineering	-	1	-	1
Electrical Engineering (4 years)	1	0	3	4
Electronics & Communication Engineering (4 years)	-	1	1	2
Mechanical Engineering (4 years)	3	1	-	4
<b>TOTAL</b>	<b>8</b>	<b>6</b>	<b>5</b>	<b>19</b>

The allocation of 55 seats for students from DASA Scheme in UG programmes in 2022-23

Branch/Duration	Approved Annual Intake
Architecture (5 years)	04
Civil Engineering (4 years)	07
Chemical Engineering (4 years)	03
Computer Science and Engineering (4 years)	10
Electrical Engineering (4 years)	07
Electronics & Communication Engineering (4 years)	11
Mechanical Engineering (4 years)	10
Metallurgical & Materials Engineering (4 years)	03
<b>TOTAL</b>	<b>55</b>

The allocation of 20 seats for students from **Study in India** in UG programmes in 2022-23

Branch/Duration	Approved Annual Intake
Chemical Engineering (4 years)	4
Civil Engineering (4 years)	4
Electrical Engineering (4 years)	4
Mechanical Engineering (4 years)	4
Metallurgical & Materials Engineering (4 years)	4
<b>TOTAL</b>	<b>20</b>

## Postgraduate Programmes

Statement showing the intake capacity (branch wise) for admission to Postgraduate programmes for the year 2022-23

S. No.	Programme	OC	OC-PWD	EWS	EWS-PWD	SC	SC-PWD	ST	ST-PWD	OB	OB-PWD	Total	Sponsored	PT
1.	Urban Planning	10	1	3	0	4	0	2	0	7	0	27	5	6
2.	Civil Engineering (Disaster Assessment and Mitigation)	8	1	2	0	3	0	2	0	6	0	22	5	6
3.	Environmental Engineering	9	0	2	0	3	0	2	0	5	1	22	5	6
4.	Structural Engineering	8	0	2	0	3	0	1	0	5	1	20	5	6
5.	Transportation Engineering	8	0	2	0	3	0	1	1	5	0	20	5	6
6.	Water Resources Engineering	8	0	1	1	4	0	1	0	5	0	20	5	6
7.	Chemical Engineering	6	0	2	0	2	0	1	0	4	0	15	5	6
8.	Computer Science & Information Security	10	0	2	0	3	1	2	0	7	0	25	0	0
9.	Computer Science & Engineering	11	0	3	0	3	1	2	0	7	0	27	5	6
10.	Renewable Energy	10	1	3	0	4	0	2	0	7	0	27	5	6
11.	Earthquake Engineering	8	1	2	0	3	0	2	0	6	0	22	0	0
12.	Embedded Systems	10	0	2	0	3	1	2	0	7	0	25	0	0
13.	Electronics & Communication Engineering	10	1	3	0	4	0	2	0	7	0	27	5	6
14.	VLSI Design	10	0	2	1	4	0	2	0	5	1	25	5	6
15.	Wireless & Optical Communication	10	0	2	0	3	1	1	1	7	0	25	0	0
16.	Power Electronics & Drives	10	1	3	0	4	0	2	0	7	0	27	0	0
17.	Power Systems Management	10	1	2	1	4	0	2	0	7	0	27	5	6
18.	Power Systems	10	0	2	0	4	0	2	0	6	1	25	5	6
19.	Design Engineering	8	0	2	0	3	0	1	0	5	1	20	0	0
20.	Industrial Engineering	8	0	2	0	3	0	1	0	5	1	20	5	6
21.	Production Engineering	7	1	2	0	3	0	1	0	6	0	20	0	0
22.	Thermal Engineering	9	0	1	0	3	0	2	0	4	1	20	0	0
23.	Metallurgical & Materials Engineering	6	0	2	0	2	0	1	0	4	0	15	5	6
24.	Materials Science & Engineering	6	0	2	0	2	0	1	0	4	0	15	5	6
	<b>Total</b>	<b>210</b>	<b>8</b>	<b>51</b>	<b>3</b>	<b>77</b>	<b>4</b>	<b>38</b>	<b>2</b>	<b>138</b>	<b>7</b>	<b>538</b>	<b>85</b>	<b>102</b>

S. No.	Programme	OC	OB	SC	ST	OC-PWD	OB-PWD	SC-PWD	ST-PWD	EWS	EWS-PWD	Total
1.	M.Sc. in Physics	16	10	6	3	1	1	0	0	4	0	41
2.	M.Sc. in Chemistry	16	10	6	3	0	1	1	0	4	0	41
3.	M.Sc. in Mathematics	16	11	6	3	1	0	0	0	3	1	41
	<b>Total</b>	<b>48</b>	<b>31</b>	<b>18</b>	<b>9</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>1</b>	<b>123</b>

S. No.	Programme	OC	OB	SC	ST	OC-PWD	OB-PWD	SC-PWD	ST-PWD	EWS	EWS-PWD	Total
1.	MBA	31	20	11	5	1	1	1	1	08	0	79
	<b>Total</b>	31	20	11	5	1	1	1	1	08	0	79

**Intake of Foreign Nationals under the DASA Scheme in PG programmes in 2022-23**

S. No.	Programmes	Intake
1.	M. Planning in Urban Planning	2
2.	Chemical Engineering	2
3.	Computer Science & Engineering	2
4.	Electronics & Communication Engineering	2
5.	Industrial Engineering	2
6.	Metallurgical & Materials Engineering	2
7.	Power Systems	2
8.	Structural Engineering	2
9.	Thermal Engineering	2
10.	Transportation Engineering	2
11.	VLSI Design	2
12.	M.B.A.	5
	<b>TOTAL</b>	<b>27</b>

The allocation of 20 seats for students from **Study in India** in PG programmes in 2022-23

Programme	Approved Annual Intake
Chemical Engineering	4
Environmental Engineering	4
Structural Engineering	4
Transportation Engineering	4
Metallurgical & Materials Engineering	4
<b>Total</b>	<b>20</b>

The allocation of 26 seats for students from **Study in India** in Ph.D. programmes in 2022-23

Department	Approved Annual Intake
Architecture and Planning	26
Centre for Energy and Environment	
Chemical Engineering	
Chemistry	
Civil Engineering	
Computer Science and Engineering	
Electrical Engineering	
Electronics and Communication Engineering	
Humanities and Social Science	
Management Studies	
Materials Research Center	
Mathematics	
Mechanical Engineering	
Metallurgical and Materials Engineering	
National Centre for Disaster Mitigation and Management	
Physics	

## Annexure-E

Status of vacant seats in PG programs in the year 2022-23

S. No.	Specialization	Total Seats	Admitted	Vacant Seats
1.	Urban Planning	27	23	4
2.	Civil Engineering (Disaster Assessment and Mitigation)	22	4	18
3.	Environmental Engineering	22	18	4
4.	Structural Engineering	20	20	0
5.	Transportation Engineering	20	19	1
6.	Water Resources Engineering	20	7	13
7.	Chemical Engineering	15	6	9
8.	Computer Science & Information Security	25	24	1
9.	Computer Science & Engineering	27	27	0
10.	Renewable Energy	27	13	14
11.	Earthquake Engineering	22	3	19
12.	Embedded Systems	25	22	3
13.	Electronics & Communication Engineering	27	15	12
14.	VLSI Design	25	24	1
15.	Wireless & Optical Communication	25	9	16
16.	Power Electronics & Drives	27	25	2
17.	Power Systems Management	27	12	15
18.	Power Systems	25	19	6
19.	Design Engineering	20	18	2
20.	Industrial Engineering	20	9	11
21.	Production Engineering	20	11	9
22.	Thermal Engineering	20	17	3
23.	Metallurgical & Materials Engineering	15	4	11
24.	Materials Science & Engineering	15	4	11
25.	M.Sc. in Chemistry	41	40	1
26.	M.Sc. in Mathematics	41	41	0
27.	M.Sc. in Physics	41	41	0

**Addition of joint-supervisor (external/internal) in Ph. D programme in 42nd Senate meeting (Agenda Item no 42.3.11)**

**Subject** (Item no 42-3.11 in 42 Senate meeting - To consider the proposal for addition of joint-supervisor (external/internal) in Ph.D. programme.

**Background of the Agenda** - Approval of Guidelines for addition of joint-supervisor (external/internal) in Ph. D programme, Item no 41-3.13 of 41<sup>st</sup> Senate meeting held on 18 March 2021 order dated 20-4-2021.

A committee is formed by Dean AA regarding **Addition of joint-supervisor (external/internal) in Ph. D programme as per the decision of 42nd senate**. The committee met on 13/12/2021 and discussed the matter. After going through the PG rules and regulations of many IITs and NITs committee recommend following criteria for recognition of external faculty from Government (Centre/state) institutes or government funded institutes or autonomous government institutes or government universities as **co-supervisor** shall be as under.

- i. He/She must have Ph.D. in concerned subject/ area in which research scholar is working.
- ii. He/She must have 3 years of Post PhD Teaching / Research / Industrial experience.
- iii. He/She must have at least 03 years of service left before superannuation,
- iv. He/She should belong to Government Institute/ university.
- v. He/She should have guided at least one PhD.(desirable)
- vi. He/She must have published at least 05 research papers in the International Journal of repute.



**Chairman SPGB**



मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर  
MALVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

पंजिका संख्या / FILE NO.  
कार्यालय टिप्पणी  
Note Sheet

There are 172 institutional fellowships in the Odd semester 2022-23. The seat matrix after SC, ST, OBC and EWS reservation as per rules is shown above. The seat matrix is submitted for approval.

*[Signature]*  
Dealing Assistant

Assistant Registrar (PG & Ph.D.)

*[Signature]*  
01/07/2022

Deputy Registrar (Academic)

*[Signature]*  
11/7/22

Associate Dean (PG)

*[Signature]*  
01/07/22

Dean, Academic

*[Signature]*  
11/7/22

Chairman Senate

*[Signature]*  
04/07/22

*[A]* please verify in the next Senate.  
*[A]* In future, all the seat matrix need to be placed before Senate.

1

**मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर**  
**MALVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**

पंजिका संख्या / FILE NO. P4/A-I-1/22-23-Acad-Ph.D.  
कार्यालय टिप्पणी

**Note Sheet**

**Academic Section**

Dated:- 01-07-2022

**Sub:- Regarding approval of seat matrix of Ph.D. Admission Odd Semester 2022-23.**

Reservation chart for admission to Ph.D Programme (Odd Semester 2022-23) on Institute Scholarship							
S.No	Departments	Total of Scholarship Slots	General	Reservation			
				EWS (10%)	OBC (27%)	SC (15%)	ST (7.5%)
1	Architecture and Planning	7	3	1	2	1	0
2	Centre for Energy and Environment	7	3	1	2	1	0
3	Chemical Engineering	21	8	2	6	3	2
4	Chemistry	7	2	1	2	1	1
5	Civil Engineering	18	7	2	5	3	1
6	Computer Science and Engineering	18	7	2	5	3	1
7	Electrical Engineering	17	6	2	5	3	1
8	Electronics and Communication Engineering	20	8	2	5	3	2
9	Humanities and Social Sciences	2	2	0	0	0	0
10	Management Studies	3	2	0	1	0	0
11	Mathematics	8	3	1	2	1	1
12	Mechanical Engineering	23	10	2	6	3	2
13	Metallurgical and Materials Engineering	8	3	1	2	1	1
14	Material Research Centre	5	3	0	1	1	0
15	National Centre for Disaster Mitigation	2	2	0	0	0	0
16	Physics	6	3	0	2	1	0
	<b>Total :</b>	<b>172</b>	<b>72</b>	<b>17</b>	<b>46</b>	<b>25</b>	<b>12</b>

**Note :-** The reservation of physically handicap (PWD) is 5% overall.

**Subject: Minutes of Special Combined Meeting of SUGB and SPGB held on 24<sup>th</sup> June 2022**

A special combined meeting of SUGB and SPGB was held on 24<sup>th</sup> June 2022 at 04:30 PM in NKN-1, Prabha Bhawan, MNIT Jaipur. The agenda of the meeting was to discuss the promotion/graduating of students who do not fulfill the mandatory credit/CGPA requirements.

Minutes of the aforesaid Meeting were circulated amongst the members via email for their comments and no comments were received from the members.

The minutes of the "Special Combined Meeting of SUGB & SPGB" are submitted for kind perusal and approval.

*Amulya*  
Dean Academic

*27/6/22*  
*1527*  
*27/6/22*  
Chairman Senate

*Be placed before Senate.*

*G. ...*

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY**  
**Office of Dean Academics**

**Draft Minutes of Combined Meeting of SUGB and SPGB**  
**held on June 24, 2022**

A combined meeting of SUGB and SPGB was held on June 24, 2022 at 04:30 PM in the NKN-1, First Floor, Prabha Bhawan, MNIT Jaipur. The meeting was attended by the following members:

- |                                |  |
|--------------------------------|--|
| • Prof. Urmila Brighu          | Dean, Academic   |
| • Prof. Kanupriya Sachdev      | ADPG   |
| • Dr. Sumit Khandelwal         | ADUG   |
| • Dr. Rina Surana              | Convener, DUGC, Dept. of Architecture                    |
| • Dr. V. Subbaramaian          | Convener, DPGC, Dept. of Chemical Engg.                  |
| • Dr. Satyasai Jagannath Nanda | Convener, DUGC, Dept. of ECE                             |
| • Dr. Aakanksha                | Representing Convener, DUGC, Dept. of Management Studies |
| • Dr. Virendra Kumar Saharan   | Convener, DUGC., Dept. of Chemical Engg.                 |
| • Dr. Satish Kumar             | Convener, DPGC, Dept. of Management Studies              |
| • Dr. Varun Jindal             | Convener, DPGC, Dept. of Mathematics                     |
| • Dr. Santosh Choudhary        | Convener, DUGC, Dept. of Mathematics                     |
| • Prof. Himanshu Chaudhary     | Head, Department of Mechanical Engg., Invited Member     |

Following members attended the meeting in Online mode


- |                                  |  |
|----------------------------------|--|
| • Prof. Rakesh Jain              | Chairman, SPGB   |
| • Dr. Parul Mathuria             | Convener, DUGC, Center for Energy and Environment          |
| • Dr. Kusum Verma                | Convener, DUGC, Dept. of Electrical Engg.                  |
| • Dr. Vivekanand                 | Convener, DPGC, Center for Energy and Environment          |
| • Dr. Yogesh Kumar Meena         | Convener, DPGC, Dept. of Computer Science and Engg.        |
| • Dr. Tarun Varma                | Convener, DPGC, Dept. of ECE                               |
| • Dr. Preeti Bhatt               | Convener, DPGC, Dept. of Humanities                        |
| • Dr. Bhagwati Sharma            | Convener, DPGC, Materials Research Center                  |
| • Dr. Vijay Navaratna Nadakuduru | Convener, DPGC, Dept. of Metallurgical and Materials Engg. |
| • Dr. Nisha Verma                |  |

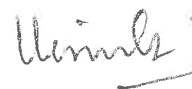
The agenda items discussed in the meeting and resolution/recommendations of the committee are given hereunder.

- 1. a. To discuss the promotion/graduating of students who do not fulfill the mandatory credit/CGPA requirements**

Background: Credit requirement for the award of degree of B.Tech. (Mechanical Engineering), as approved by the Senate, is 197 credits. While preparing the grade sheet for the passing out B.Tech. students of above branch (i.e. 2018 batch) it was observed that 51 students had registered for less than 197 credits and have been able to earn 195/196 credits thus falling short of 2/1 credits to fulfil the requirements of the award of the degree of B.Tech. (Mechanical Engineering).

Discussion: HoD, Dept. of Mechanical Engg. Submitted that the students are required to register for two advance elective courses (of 4 credits each) in their VIII

  
35




semester. Last year few advance elective courses of 3 credits were proposed by the department which were approved by the Senate. The credit deficit has happened as the students have registered for 1/2 such advance elective courses of 3 credits. The members discussed various options to compensate for the shortfall in credit requirement. It was proposed that the students may be asked to complete any online course of 1 credit. However, such courses are not available. Other option was to give assignment to the students equivalent to a teaching load of 1 credit (for the courses which are of 3 credits). However, the biggest challenge is that many students have to join their jobs/submit documents for higher studies very soon and thus it will be a challenge to complete any additional credit requirements. Also, how these credits will be incorporated in the grade sheet, will also be a challenge.

Recommendation: After discussing various options in detail, the SUGB and SPGB recommend that the students, who have completed all the requirements for the award of the degree of B.Tech. (Mechanical Engineering) but have a shortfall in meeting the credits requirement of up to 2 credits, may be awarded the degree after waiving off the requirements to earn 197 credits. The SUGB and SPGB recommend that the department takes suitable steps to avoid such a condition in future and also that this is a one-time exception & shall not be treated as a precedent for other cases in future.

**1. b. To discuss the promotion/graduating of students who do not fulfill the mandatory credit/CGPA requirements**

Background: The students need to earn a minimum CGPA of 5.5 for promotion to next semester of MBA programme. Few students have submitted a request to the Chairman, Senate to waive off this requirement as they have earned lower credits than the above limit. The students have requested that they may be allowed to continue with their programme.

Discussion: The DUGC Convener of the Department of Management Studies submitted that the CGPA requirement has recently been revised for promotion to next semester/award of the degree. The issue was seen by the members from different perspectives. The Dean, Academic shared the examples of various IITs along with their grade promotion/degree awarding CGPAs. One view was that lowering of grade promotion less than 5.5(existing) would make our programs inferior. It was also discussed that if a student gets 5.5 till third semester & just misses the cutoff in the IV Semester he/she would not be awarded degree and that would amount to him/her losing out entire two years effort.





Recommendation: The members explored various options in detail, however, could not reach to a conclusion. So it was opined that probably there is a need to examine the matter thoroughly & hence the Chairman, SPGB was authorized to form a committee and the recommendation of the committee shall be placed before the SPGB in its next meeting.

The meeting was concluded with thanks to the chair.

Shandy

Umb

## MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

## NOTE SHEET

August 8, 2022

Sub: Submission of recommendation of minutes of 51<sup>st</sup> SPGB meeting held on July 25, 2022

Minutes of 51<sup>st</sup> SPGB meeting held on July 25, 2022 are submitted for approval. SPGB recommend followings items for consideration/approval of senate.

Item	Particulars
51-2.2	To consider the matter of addition of external Joint-Supervisor for dissertation of M.Tech./M.Plan. Programmes.
51-2.7	To consider the proposal of including GATE qualification as the eligibility criteria for Institute Scholarship along with UGC_NET Lectureship for Ph.D. scholars of the Department of Humanities and Social Sciences.
51-2.11	To consider the proposal received from the Department of Chemical Engineering regarding the Ph.D. students who are already enrolled and getting fellowship from funded Sponsored Research projects should be considered as full-time candidates and not part time, if the topic of their Ph.D. and their project work is the same.
51-4.5	To discuss the recommendations of Committee framed by SPGB formed for reviewing the matter of promotion/graduating of students who do not fulfil the mandatory CGPA requirements
51-4.6	To consider the proposal for addition of joint-supervisor (External/internal) in Ph.D. programme.
51-4.7	To consider award of degree to 04 students who secured CGPA less than 6.0.

Submitted for your kind approval.

*Sahu*  
08/08/2022  
SPGB Convener

Dean (Academic)

Permission/directions for inclusion of above listed items for inclusion of forth coming Senate meeting is requested together with approval of MOM of 51<sup>st</sup> SPGB meeting.

Chairman, Senate

*Jyoti*  
08/08/22

# MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

## MINUTES OF THE 51<sup>st</sup> MEETING OF THE SPGB HELD ON JULY 25, 2022

The 51<sup>st</sup> Meeting of SPGB was held on July 25, 2022, at 4:15 PM in the Senate Hall, Prabha Bhawan.

The meeting was attended by following members:

S. No.	Name	Department
1.	Prof. Rakesh Jain	Chairperson, SPGB
2.	Prof. Jyotirmay Mathur	Dean, Academics
3.	Prof. Raj Kumar Vyas	Nominee, Chairperson Senate
4.	Prof. Suja George	Associate Dean, (MERITE)-Special Invitee
5.	Dr. Satish Kumar	Associate Dean (PG) and Convener, SPGB
6.	Dr. Sumit Khandelwal	Associate Dean (UG)
7.	Dr. Dinesh Kumar	Department of Mechanical Engineering
8.	Dr. Vinay Agrawal	Department of Civil Engineering
9.	Dr. Vijay Navaratna Nadakuduru	Metallurgical and Materials Engineering
10.	Dr. Praveen Kumar Agarwal	Department of Electrical Engineering
11.	Dr. Sumanta Kumar Meher	Department of Chemistry
12.	Dr. Divesh Kumar	Department of Management Studies
13.	Dr. Bhagwati Sharma	Material Research Center
14.	Dr. K Venkataratnam Kamma	Department of Physics
15.	Dr. Varun Jindal	Department of Mathematics
16.	Dr. Vivekanand	Centre for Energy & Environment
17.	Dr. Satyendra Singh Chouhan (Dr. Yogesh Kumar Meena)	Department of Computer Science & Engineering
18.	Dr. Virendra Kumar Saharan	Department of Chemical Engineering
19.	Dr. Tarun Varma	Department of Electronics & Communication Engineering
20.	Dr. Preeti Bhatt	Department of Humanities and Social Science



Following members couldn't attend the meeting:

<b>S. No.</b>	<b>Name</b>	<b>Department</b>
1.	Dr. Sanjay Mathur	Immediate Past Chairperson, SPGB
2.	Prof. G.D. Agarwal	Immediate Past Chairperson, SUGB
3.	Prof. M. K. Shrimali	National Centre for Disaster Mitigation & Management
4.	Prof. Ravindra Nagar	Chairperson, SUGB
5.	Dr. Satish Pipralia	Department of Architecture and Planning

Item No. 51-1.0	<p>To confirm the minutes of 49<sup>th</sup> &amp; 50<sup>th</sup> meeting of the SPGB held on 21<sup>st</sup> February 2022 &amp; 24<sup>th</sup> June 2022.</p> <p>The SPGB confirmed the minutes of 49<sup>th</sup> &amp; 50<sup>th</sup> SPGB meeting held on 21<sup>st</sup> February 2022 &amp; 24<sup>th</sup> June 2022 respectively.</p>
Item No. 51-2.0	<p><b>Items for Consideration.</b></p>
Item No. 51-2.1	<p><b>To consider the proposal received from the Department of Electronics &amp; Communication Engineering to start a new programme – Dual degree (M. Tech + Ph.D.) (ECE).</b></p> <p>SPGB discussed the proposal and decided to form a committee of following members. The recommendation of the committee may be placed in next SPGB meeting:</p> <ol style="list-style-type: none"> <li>1. Associate Dean (PG) – Convener</li> <li>2. DPGC Convener, Department of Electronics and Communication Engineering - Member</li> <li>3. DPGC Convener, Department of Chemical Engineering - Member</li> <li>4. Dr. Rohit Bhakar – Member</li> </ol>
Item No. 51-2.2	<p><b>To consider the matter of addition of external Joint-Supervisor for dissertation of M.Tech./M.Plan. programmes.</b></p> <p>Matter was considered and it was recommended that guidelines similar to the Ph.D. Joint Supervision may be followed.</p> <p><b>The SPGB proposed following guidelines for addition of external M.Tech. / M.Plan. supervision:</b></p> <p>For addition of an external joint supervisor for M.Tech./M.Plan. Students pursuing M.Tech./M.Plan. outside/inside MNIT, following will be applicable for the consideration of candidates from any Institute/University/Research Organization/Industry etc.</p> <ul style="list-style-type: none"> <li>• The Institute should be either a CFTI or having NIRF ranking within or 100, however, the NIRF (for Indian Institutes) will not be considered for the institutes having Academic MOU or Academic/Research collaboration with MNIT Jaipur</li> <li>• The research organization should be either Government (State/Central) funded or a well reputed private research organization e.g. Sri Ram Institute for Industrial Research, Delhi.</li> <li>• Industry with minimum of Rs 100 Crore annual turnover.</li> <li>• Foreign university within QS 500, however, QS Ranking (for International Institutes) will not be considered for the institutes having Academic MOU or Academic/Research collaboration with MNIT Jaipur</li> </ul> <p>In all cases, the joint-supervision will be allowed in III semester of M.Tech./M.Plan and the proposal will be approved by Convener, DPGC and report to Academic Section. It should include the latest CV and consent of the</p>

	internal/external joint-supervisor (to be added) along with appropriate justification by the internal supervisor.
Item No. 51-2.3	<p>To consider the proposal received from the Centre for Energy and Environment (CEE) to start a new program 'M.Tech.-Ph.D. Dual Degree (Renewable Energy)' in Centre for Energy and Environment, MNIT Jaipur.</p> <p>This item was clubbed with 51-2.1.</p>
Item No. 51-2.4	<p>To consider the proposal received from PI Incharge (CCMT/CCMN 2022) to delink all M.Tech. programs with the discipline of Bachelor/B.Tech. Degree.</p> <p>The proposal was discussed at length and it was decided that proposal to delink all M.Tech. programs with the discipline of Bachelor/B.Tech. Degree may be sent to Departments for deliberation. The outcome of the DFBs will be reconsidered for the Academic year 2023-24.</p>
Item No. 51-2.5	<p>To discuss the cut-off date for Full-time to Part-time conversion for students of M.Tech./M.Plan. who joins job before completion of final semester.</p> <p>The item was withdrawn due to lack of details.</p>
Item No. 51-2.6	<p>To consider the proposal of approval of 03 (three) Institute Scholarships per faculty instead of 02 (two) for the Department of Humanities and Social Sciences, in consistency with the other Departments at MNIT Jaipur.</p> <p>SPGB discussed the matter and decided to form a committee of following members:</p> <ol style="list-style-type: none"> <li>1. Prof. Ravindra Nagar -- Chairman</li> <li>2. Associate Dean, PG - Convener</li> <li>3. Dy. Registrar (Academic)- Member</li> <li>4. Co-ordinator (Ph.D.) - Member</li> <li>5. Assistant Registrar (Accounts) – Member</li> </ol> <p>The Committee will submit its recommendation to SPGB.</p>
Item No. 51-2.7	<p>To consider the proposal of including GATE qualification as the eligibility criteria for Institute Scholarship along with UGC NET Lectureship for Ph.D. scholars of the Department of Humanities and Social Sciences.</p> <p>The SPGB recommended the proposal for approval of Senate.</p>
Item No. 51-2.8	<p>To consider the proposal to include the Department of Humanities and Social Sciences for Off Campus Programme for Ph.D. in the Institute.</p> <p>It was decided to refer the proposal to the DPGC of the Department of Humanities and Social Sciences to re-examine the case in light of UGC guidelines.</p>

Item No. 51-2.9	To consider the proposal received from the Department of Mechanical Engineering regarding (A) CGPA Improvement policy and (B) Exit option for M.Tech., MBA, M.Plan. and M.Sc. programs.  (A) Item was clubbed with Item No. 51-4.5. (B) The proposal of awarding Diploma to the student who are not able to obtain 5.5 CGPA even after improvement was not approved.
Item No. 51-2.10	To consider the proposal received from the Department of Mechanical Engineering regarding keeping only Soft copy of M.Tech. Dissertation instead of hard copy for record.  The proposal was not approved.
Item No. 51-2.11	To consider the proposal received from the Department of Chemical Engineering regarding the Ph.D. students who are already enrolled and getting fellowship from funded Sponsored Research projects should be considered as full-time candidates and not part time, if the topic of their Ph.D. and their project work is the same.  The proposal was recommended for approval of Senate.
51-3.0-	<b>Reporting Items</b>
Item No 51-3.1	To report Ph.D. students permitted for research work in another Institute.  Noted.
Item No 51-3.2	To report Ph.D. students granted approval for change of supervisor.  Noted.
Item No 51-3.3	To report Ph.D. students permitted for Semester Withdrawal.  Noted.
Item No 51-3.4	To report Ph.D. students permitted for comprehensive exam extension.  Noted.
Item No 51-3.5	To report MNIT Faculty permitted to supervise Ph.D. students of other Institute.  Noted.
Item No 51-3.6	To report Ph.D. students whose supervisors are added during their Ph.D. programme.  Noted.

Item No 51-3.7	To report Ph.D. students whose status is converted from Full time to Part time.  Noted.
Item No 51-3.8	To report Ph.D. students permitted for semester extension for January 2022 to June 2022.  Noted.
Item No 51-3.9	To report Ph.D. students for termination from Ph.D. program due to CGPA below 7.  Noted.
Item No 51-3.10	To report PG students permitted for internship work in other Institute.  Noted.
Item No 51-3.11	To report PG students whose status is converted from Full time to Part time.  Noted.
Item No.	Table Agenda
51-4.1	To consider the proposal received from Materials Research Centre regarding Joint Degree with any University or Institution.  The SPBG discussed the proposal of Joint Degree program. As there are no guidelines at present for the award of joint degree /dual degree, SPGB decided to constitute following committee to frame a policy and place it in the next SPGB meeting:  <ol style="list-style-type: none"> <li>1. Prof. R.K. Vyas – Chairperson</li> <li>2. Associate Dean (PG) – Convener</li> <li>3. Associate Dean International Affairs</li> <li>4. DPGC Convener (MRC)</li> </ol>
51-4.2	To consider the proposal received from the Department of Physics regarding appointment of interim supervisor for the Ph.D. candidate of Dr. Kavita Lalwani.  The SPGB suggested that DPGC may decide the matter on the basis of PG Rules & Regulation Amendment 9.1 point 12.1
51-4.3	To consider the proposal received from the Department of Physics regarding the Re-registration process without entrance exam and without course work after 7 <sup>th</sup> year of Ph.D. students.  The proposal was not approved.

51-4.4	<p>To consider the proposal received from the Department of Physics regarding the upload of Ph.D. thesis online after one year of award of Ph.D. degree.</p> <p>The proposal was recommended for approval of Senate.</p>
51-4.5	<p>To discuss the recommendations of Committee framed by SPGB formed for reviewing the matter of promotion/graduating of students who do not fulfil the mandatory CGPA requirements.</p> <p>Recommendations of the Committee constituted vide Office Order No. 1554 Dated July 6, 2022 were discussed. Following were recommended by SPGB for consideration and approval of Senate:</p> <p><b>(A) PG</b></p> <ol style="list-style-type: none"> <li>1. All members agreed to have improvement policy for PG courses (M.Tech/M.Plan/MBA/MSc.).</li> <li>2. Improvement option will only be available to students having CGPA less than 5.5 (semester promotion requirement) in every semester, except in the first semester of the respective program.</li> <li>3. A maximum of 03 courses can be selected by student in a semester for improvement.</li> <li>4. Maximum grade that can be awarded in such (improvement) cases is BB.</li> </ol> <p>Above policy may be reviewed after one cycle.</p> <p><b>(B) Ph.D.</b></p> <p>Regarding Ph.D. Programme, following line in PG rules &amp; regulations can be replaced:</p> <p style="padding-left: 40px;"><i>"A student will normally not be allowed to continue in the Ph.D. programme if (i) She/he does not have CGPA of at least 7.0."</i></p> <p style="padding-left: 40px;">by</p> <p style="padding-left: 40px;"><i>"A student will not be allowed to continue in the Ph.D. programme if (i) She/he does not have CGPA of at least 7.0 after 2 semesters and onwards."</i></p>
51-4.6	<p>To consider the proposal for addition of joint-supervisor (External/internal) in Ph.D. programme.</p> <p>SPGB members discussed the recommendation of the committee constituted in accordance with approval granted by the Senate in its 42<sup>nd</sup> meeting held on September 9, 2021 under Item No. 42-3.11 regarding review/modify the criteria for addition of joint-supervisor (external/internal) in Ph.D. programme. After the deliberation following were accepted by the SPGB :</p>

- i. He/She must have Ph.D.
- ii. He/She should have awarded at least one Ph.D. candidate.
- iii. He/She must have published at least 10 research papers in SCI/SSCI/SCOPUS indexed Journal.
- iv. One external supervisor should not be involved with more than one PhD candidate at a time as joint superior at MNIT Jaipur

51-4.7

**To consider award of degree to 04 students who secured CGPA less than 6.0.**

SPGB has received recommendations from the Department of Management Studies and Department of Mathematics for following four candidates for consideration of award of degree having CGPA less than minimum CGPA requirement of 6.00

S. No.	Student Name	Student ID	CGPA
1	Lokesh Kumar Meena	2019PMA5690	5.85
2	Priya Meena	2020PMA5081	5.92
3	Daksh Moolchandani	2020PMA5437	5.88
4	Amisha Kumawat	2020PBM5457	5.65

SPGB deliberated the matter in detail in the light of similar cases as discussed earlier in 46<sup>th</sup> meeting of SPGB. Further, Senate in its 39<sup>th</sup> and 42<sup>nd</sup> meetings under Item No. 39-4.15 and 42-4.13 respectively had granted approval for award of degree to the students having CGPA less than 6.00.

Considering that this is last batch where CGPA requirement is 6.00 for awarding degree, SPGB recommended to approve above four cases and other similar cases (if any) for the award of degree.

  
Chairman SPGB



कार्यालय टिप्पणी

Note Sheet

OFFICE OF THE DEAN ACADEMIC

Subject:- Minutes of 25<sup>th</sup> Academic Affairs Committee (AAC) Meeting held on March 25<sup>th</sup>, 2022 at 12:15 PM.

25<sup>th</sup> meeting of Academic Affairs Committee (AAC) was held on March 25<sup>th</sup>, 2022 at 12:15 PM in the Committee Room near the Office of Dean Academics, Ground Floor, Prabha Bhawan, MNIT Jaipur. The minutes of 25<sup>th</sup> meeting of AAC were circulated amongst the all members via email dated 30.03.2022 for their comments and no comments were received from any of the member.

The minutes of 25<sup>th</sup> AAC meeting are submitted for kind perusal and approval.

*Umesh*  
4/4/22  
Dean Academic



25/4/22  
Chairman Senate

4/4/22

23  
5/4/22

*G v mad*  
05709122

-DR (Acad) Reetu Singh  
6/4

*Umesh*  
6/4/22

AR (PG) *Pamela*  
06/04/2022

Rohan Ji (Sr. Supt) *Umesh*  
6.4.22

Sr. Sankaran Ji



## MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

### Minutes of 25<sup>th</sup> Meeting of Academic Affairs Committee (AAC)

The 25<sup>th</sup> meeting of Academic Affairs Committee was held on March 25<sup>th</sup> 2022 at 12.15 PM in the Committee Room near the Office of Dean Academic for discussing the various issues. The following members attended the meeting:

1. Prof. Ravindra Nagar ( Chairman, SUGB))
2. Prof Rakesh Jain (Chairman, SPGB).
3. Prof. Urmila Brighu (Dean, Academics)
4. Prof. Kanupriya Sachdev (Associate Dean, PG & Ph.D.)
5. Prof. Vijay Laxmi (Associate Dean, Academics)
6. Dr. Sumit Khandelwal (Associate Dean, UG)


Items No.	Particulars
25-1-0	<p><b>To consider the issue regarding semester promotion of PG students (MTech/MPlan/MBA/MSc) with low CGPA:</b></p> <p>The AAC deliberated upon the issue and decided the following:</p> <ol style="list-style-type: none"><li>1) All the PG students (2021 admitted) should be allowed to continue in this semester irrespective of the CGPA obtained in the previous semester <i>i.e.</i> Odd Semester, 2021-22 with a condition that they will secure the minimum required CGPA of 5.5(for 2021 admitted PG students) to continue in the PG programme after the end of this semester <i>i.e.</i> Even Semester 2021-22. Otherwise, they will be terminated from the PG programme of the institute.</li><li>2) However, if any student is not willing to continue in the programme, he may be allowed to do so. Fee paid for the current semester <i>i.e.</i> Even Semester 2021-22 (if any) of these students may be refunded. For this purpose, the student will be required to apply for fee refund to Academic Section latest by 8<sup>th</sup> April, 2022. After that no request for refund of fee will be entertained.</li></ol>
25-2-0	<p><b>To consider the issue regarding semester promotion of Ph.D. students with low CGPA:</b></p> <p>The AAC decided that in accordance with the rules and regulations specified for Ph.D. students, the DPGC of the concerned Department may send the clear recommendation for termination of students who were not able to secure the minimum CGPA of 7.0 required for continuation in Ph.D. programme applicable as per clause 8.5 (i) of PG rules &amp; regulations. If DPGC recommends for termination of any of these students and competent authority decides for termination of any of these students then fee paid (if any) may be processed for refund according to the provisions of Notice numbered MNIT/Acad./Fee/2014/31-3 dated 14.05.2015.</p>
25-3-0	<p><b>To consider the request for revision in the Academic Calendar:</b></p> <ol style="list-style-type: none"><li>i. A request has been received from Dean Students welfare for rescheduling of the proposed Mid Term/ End Term exams scheduled to held during 4<sup>th</sup> – 9<sup>th</sup> April 2022 on account of Annual Athletic meet on 9<sup>th</sup> and 10<sup>th</sup> April</li></ol>


	<p>2022. The AAC decided that the date of Mid Term examinations for 4<sup>th</sup>, 6<sup>th</sup> &amp; 8<sup>th</sup> semester (UG students) and End Term exam of pending laboratories of 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester will be held during 3<sup>rd</sup>-8<sup>th</sup> April 2022 instead of 4<sup>th</sup>-9<sup>th</sup> April 2022.</p> <p>ii. A request has been received from DFB of Department of Architecture to extend the B. Arch thesis project evaluation till 15<sup>th</sup> May 2022. The AAC decided to extent the B. Arch thesis project evaluation till 15<sup>th</sup> May 2022.</p>
25-4-0	<p><b>Review of the decision taken by AAC in its 22<sup>nd</sup> meeting held on 20.10.2021 vide its Agenda Item No. 22-3-0 to consider the request of PhD scholar Mr. Bhaskar Goyal (2021RMA9072) regarding permission to appear for B.Ed. examination:</b></p> <p>AAC in its 22<sup>nd</sup> meeting dated 20.10.2021 decided to consider the request of PhD scholar Mr. Bhaskar Goyal (2021RMA9072) for registration in next semester, i.e. Even Semester 2021-22 instead of Odd Semester. This semester i.e. Odd Semester, 2021-22 will be considered as null semester and the fees paid against this semester i.e. Odd Semester will be adjusted against the next semester. AAC reviewed its above-mentioned decision of adjustment of admission fee paid by PhD scholar Mr. Bhaskar Goyal (2021RMA9072) for Odd Semester, 2021-22 against next semester. As there is no provision of adjustment of fee on the ERP for any subsequent semester, it is decided that admission fee paid by the PhD scholar Mr. Bhaskar Goyal (2021RMA9072) for Odd Semester, 2021-22 may be refunded.</p>

  
 (Ravindra Nagar)  
 Chairman, SUGB

  
 (Rakesh Jain)  
 Chairman, SPGB

  
 (Urmila Brighu)  
 Dean, Academic

  
 (Kanupriya Sachdev)  
 AD, PG & Ph.D.

  
 (Vijay Laxmi)  
 Associate Dean, Academic

  
 (Sumit Khandelwal)  
 AD, UG

OFFICE OF THE DEAN ACADEMIC  
मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर  
MALVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

पंजिका संख्या: एफ-4/M-III-1/21-22-Acad-OS

Dated June, 2022

कार्यालय टिप्पणी

Note Sheet

Subject:-Minutes of 26<sup>th</sup> Meeting of Academic Affairs Committee (AAC) held on 8<sup>th</sup> June, 2022 at 04:00 PM.

26<sup>th</sup> meeting of Academic Affairs Committee (AAC) was held on 8th June, 2022 at 04:00 PM in the Committee Room near the Office of Dean Academics, Ground Floor, Prabha Bhawan, MNIT Jaipur. The minutes of 26<sup>th</sup> meeting of AAC were circulated amongst all the members via email dated 13<sup>th</sup> June, 2022 for their comments and comments received from the members included in minutes.

The minutes of 26<sup>th</sup> Meeting of AAC are submitted for kind perusal and approval.

*J. Ram*  
16/6/22  
Dean Academic

544  
16/6/22

1489  
17/6/22  
Chairman Senate

*G. Varma*  
16/06/22

530  
16/6/22  
Dean Academic

for  
*J. Ram*  
17/6/22

Please arrange to circulate email regarding "no experience" required for project staff to all HoDs/OPGC members and request to convey revised recommendations for such candidates if any.

-AR (PG).

*Ramach*  
16/6/22

Dr. Ravi Sharma (for Synthesis)

## MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

### Minutes of 26<sup>th</sup> Meeting of Academic Affairs Committee(AAC)

The 26<sup>th</sup> meeting of Academic Affairs Committee (AAC) was held on 8<sup>th</sup> June, 2022 at 04:00 PM in the Committee Room near the Office of Dean Academic for discussing the various issues. The following members attended the meeting:

1. Prof. Ravindra Nagar ( Chairman, SUGB))
2. Prof Rakesh Jain (Chairman, SPGB).
3. Prof. Urmila Brighu (Dean, Academics)
4. Prof. Kanupriya Sachdev (Associate Dean PG & PH.D.),
5. Prof. Vijay Laxmi (Associate Dean Academics)
6. Dr. Sumit Khandelwal (Associate Dean UG),

Items No.	Particular
26-1-0	<p><b>To consider the issue regarding extension in PhD program after 07 year (Mr. Karam Chand ID: 2015RPY9054)</b></p> <p>It was informed that one paper of the candidate has been approved in a peer reviewed Journal and the candidate can present his pre-synopsis seminar very soon. As per the agenda item no. 26-4-0 of 26<sup>th</sup> AAC, last date for submission of progress report, thesis &amp; comprehensive exam has been extended upto 31<sup>st</sup> July, 2022. Hence, Semester extension is not required in this case. Candidate is required to submit his thesis before 31<sup>st</sup> July, 2022.</p>
26-2-0	<p><b>To consider the issue regarding NOC for one year visit at University de Lelle France under Eiffel Excellence Scholarship Program to Ms. Aditi Sharma (2019 RMR9543)</b></p> <p>The committee recommends that the candidate may be allowed to proceed for one year visit for research work at University de Lelle France under Eiffel Excellence Scholarship Program from 01-09-2022 to 31-08-2023.</p>
26-3-0	<p><b>To Discuss the Academic Calendars.</b></p> <p>The committee discussed &amp; approved the following Academic calendars :-</p> <ol style="list-style-type: none"><li>1. Revised Academic Calendar for IInd Semester, 2021-22(B.Tech/B.Arch.).</li><li>2. Revised Academic Calendar for IVth Semester, 2021-22(B.Tech/B.Arch.).</li><li>3. Academic Calendar for IIIrd ,Vth &amp; VIIth Semester, 2022-23(B.Tech/B.Arch.).</li><li>4. Academic Calendar for IVth,Vlth &amp; VIIIth Semester, 2022-23 (B.Tech/B.Arch.)</li></ol>
26-4-0	<p><b>To discuss the extension in submission date of project thesis of students of the IVth Semester of M.Tech./M.Plan. Programme and extension in submission date of progress report, thesis and comprehensive examination of Ph.D. students.</b></p> <p>As the Even Semester, 2021-22 started in the last week of January and the students have got less time in this semester. Also the summer vacation has been announced upto 15<sup>th</sup> July. The committee decided that last date for submission of M.Tech./M.Plan. thesis of students of IVth semester and last date for submission of progress report, thesis and comprehensive examination of Ph.D. students may be extended upto 31<sup>st</sup> July, 2022.</p>

26-5-0

**To discuss minor correction in experience requirement for project staff category of Ph.D. admission**

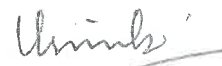
Few revisions, regarding various requirements for various categories of PhD admissions at MNIT Jaipur have been approved in the 44<sup>th</sup> Meeting of the Senate. In the approved table a typographical error indicates requirement of experience for candidates applying under project staff category. However, no such requirement is to be implemented and there is no requirement of relevant experience for candidates applying for Ph.D. admission under project staff category. The committee recommends that the typographical error may be corrected.



(Ravindra Nagar)  
Chairman SUGB  
Academic



(Rakesh Jain)  
Chairman SPGB



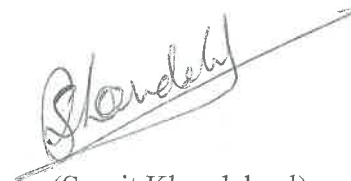
(Urmila Brighu)  
Dean



(Kanupriya Sachdev)  
AD, PG & Ph.D



(Vijay Laxmi)  
Associate Dean Academic



(Sumit Khandelwal)  
ADUG



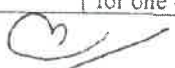
# MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR


## Minutes of 27<sup>th</sup> Meeting of Academic Affairs Committee (AAC)

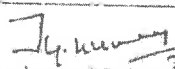
The 27<sup>th</sup> meeting of Academic Affairs Committee (AAC) was held on 20th July, 2022 at 04:30 PM in the Committee Room near the Office of Dean Academic for discussing the various issues. The following members attended the meeting:

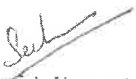
1. Prof. Ravindra Nagar ( Chairman, SUGB))
2. Prof Rakesh Jain (Chairman, SPGB).
3. Prof. Jyotirmay Mathur (Dean, Academics)
4. Dr. Satish Kumar (Associate Dean PG & PH.D.),
5. Dr. Sumit Khandelwal (Associate Dean UG),
6. Prof. Suja George (Associate Dean MERITE) - Special Invitee

Items No.	Particular																								
27-1-0	<p><b>To consider the issue regarding revised Academic Calendar of odd semester 2022-23 for newly admitted PG and Ph.D. students.</b></p> <p>Associate Dean PG presented the revised Academic Calendar of odd semester 2022-23 alongwith instructions for newly admitted PG and Ph.D. students in academic session 2022-23.</p> <p>Committee discussed the revised Academic Calendar and instructions, and approved as presented by Associate Dean PG.</p>																								
27-2-0	<p><b>To consider the issue regarding the registration in supplementary exam for UG student.</b></p> <p>Mr. Jogendra (2018UCH1667), a final year student has requested to register for 16 credits (as per the list given below) in the supplementary examination. The DUGC, Chemical Engineering Department has approved and forwarded his request. Currently, as per the approval of the Institute's senate, a student is allowed to register for supplementary examination for a maximum of 15 credits.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="text-align: center;">S. No.</th> <th style="text-align: center;">Course &amp; Code</th> <th style="text-align: center;">Credits</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Training Seminar (CHS501)</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Modeling and simulation (CHT403)</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Mechanical Design of Process Equipment (CHT417)</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Process Engineering and Plan Design Lab (CHP318)</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Chemical Technology (CHT310)</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Process Piping and Design (CHT410)</td> <td style="text-align: center;">3</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Total credits</b></td> <td style="text-align: center;"><b>16</b></td> </tr> </tbody> </table> <p>As Training Seminar is not a regular course, the AAC approved that he may be allowed to registered for training seminar in addition to the regular course of 14 credits. He has been allowed to register for 16 credits for the supplementary examination, so that he can complete his degree on time.</p>	S. No.	Course & Code	Credits	1.	Training Seminar (CHS501)	2	2	Modeling and simulation (CHT403)	3	3	Mechanical Design of Process Equipment (CHT417)	3	4	Process Engineering and Plan Design Lab (CHP318)	2	5	Chemical Technology (CHT310)	3	6	Process Piping and Design (CHT410)	3	<b>Total credits</b>		<b>16</b>
S. No.	Course & Code	Credits																							
1.	Training Seminar (CHS501)	2																							
2	Modeling and simulation (CHT403)	3																							
3	Mechanical Design of Process Equipment (CHT417)	3																							
4	Process Engineering and Plan Design Lab (CHP318)	2																							
5	Chemical Technology (CHT310)	3																							
6	Process Piping and Design (CHT410)	3																							
<b>Total credits</b>		<b>16</b>																							
27-3-0	<p><b>To consider the issue to open registration window for UG students.</b></p> <p>It was submitted that about 10-12 students have requested for extension of supplementary registration on various grounds. The committee approved that the registration may be opened for one day.</p>																								

  
(Ravindra Nagar)  
Chairman SUGB

  
(Rakesh Jain)  
Chairman SPGB

  
(Jyotirmay Mathur)  
Dean Academic

  
(Satish Kumar)  
AD. PG & Ph.D

  
(Sumit Khandelwal)  
ADUG

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY**  
Office of Dean Academics

**Draft Minutes of Unfair Means Committee Meeting held on  
May 04, 2022**

The meeting of the Unfair Means Committee was held on May 04, 2022 at 04:00 PM in the Old Senate Hall, Prabha Bhawan, MNIT Jaipur. The meeting was attended by the following members:

- |                              |   |
|------------------------------|---|
| • Prof. Rakesh Jain          | Chairman, SPGB  |
| • Prof. Ravindra Nagar       | Chairman, SUGB  |
| • Prof. Urmila Brighu        | Dean, Academics   |
| • Prof. Kanupriya Sachdev    | Associate Dean (PG& PhD)                                    |
| • Dr. Sumit Khandelwal       | Associate Dean (UG)   |
| • Prof. M.L. Mittal          | Head, Department of Mechanical Engineering                  |
| • Prof. Rajendra Kumar Goyal | Head, Department of Metallurgical and Materials Engineering |
| • Dr. Vatsala Mathur         | Head, Department of Mathematics                             |
| • Dr. Dinesh Gopalani        | Head, Department of Computer Science and Engineering        |
| • Dr. Subba Ramaiah          | Representing Head, Department of Chemical Engineering       |
| • Dr. S.J. Nanda             | Representing Head, Department of Electro. and Comm. Engg.   |
| • Dr. Ram Dayal              | Invited member  |
| • Dr. Anoop Iranna Shirkol   | Invited member  |

The agenda items discussed in the meeting and resolution/recommendations of the committee are given hereunder.

1. To discuss the unfair means cases reported in the Mid term examinations of IV/VI semester 2021-22 held from 3<sup>rd</sup> to 4<sup>th</sup> April 2022 and in the end-term examination of I Semester semester 2021-22 held from 18<sup>th</sup> to 25<sup>th</sup> April 2022

Background: Cases of unfair means were observed in recently held mid-term and end-term examinations. The cases reported during mid-term examinations pertain to Department of Mechanical Engineering, Department of Computer Science and Engineering, and Department of Electronics and Communication Engineering. The cases were reported by the concerned course coordinator/invigilator to the respective DUGCs. The DUGC have forwarded the cases to the Unfair Means Committee. The cases of unfair means during I semester 2021-22 examinations have been reported by the flying squad and the students pertain the Department of Mechanical Engineering, Department of Chemical Engineering, Department of Metallurgical and Materials Engineering and Department of Electronics and Communication Engineering.

Discussion: The committee discussed the cases on individual basis. The types of unfair means included possession of mobile phone/smart watch/smart band in the examination hall during the examination period, using mobile phones in toilets, possession of cheats, material written on hand/body part etc..

Shaidel

Urmila

Sumit

M.L. Mittal

S.J. Nanda

Ram Dayal

54

Anoop

Dr. Anoop

Recommendation: The committee decided that the examination of the respective course(s) of all the students (as given in the table below) during which unfair means cases have been reported stands cancelled. The students will be awarded 'ZERO' marks in the respective examination. It was decided that the information regarding indulging in unfair means by the students will be communicated to the parents of the students. It was also decided that any such repeat offense by these students will attract severe penalty which may range up to expulsion (limited period/permanent) of the students from the Institute. Further, the decision of the committee will be communicated to all the students of the Institute.


S. No.	Name of the student	Student ID	Course details
1.	2021UME1120	Bhushan Harshad Khatu	End term examination, MAT- 101, Mathematics – I
2.	2021UMT1873	Maisha Meena	
3.	2021UMT1736	Ritik Kapoor Singh	
4.	2021UCH1030	Ayush Singh	
5.	2021UEC1588	Ronit Chandawat	
6.	2020UEC2005	Paindla Sathwik	
7.	2020UEC2009	Neelirothu Dileep Ram Kumar	Mid term examination, ECT- 212, Analog Communication
8.	2020UEC1870	Aaryan Prem	
9.	2020UEC1902	Rohit	
10.	2020UEC2026	Sanyam Jain	
11.	2020UEC1789	Aditya Raj	
12.	2020UEC2022	Hiteshi	
13.	2020UCP1875	Nidhi Vikram Mehta	Mid term examination, CST-202, Computer Organization & Microprocessors
14.	2020UCP1078	Daxaben Ratadiya	
15.	2020UCP1144	Anshul Singh	
16.	2020UCP1828	Gajendra Singh	
17.	2020UCP1048	V. Venkatesh	
18.	2019UCP1900	Sneh Aashish Gupta	Quiz, CST-308, Computer and Network Security
19.	2019UCP1900	Sneh Aashish Gupta	Mid term examination, CST- 302, Operating System
20.	2019UCP1900	Sneh Aashish Gupta	Mid term examination, CST-312, AI and expert system
21.	2020UME1155	Ansh Kumar	Mid term examination, MET-225, Machining Science and Machine Tools
22.	2020UME1837	Shreyansh Jhanwar	
23.	2020UME1200	Bhupesh Gaur	
24.	2020UME1141	Harshal Dhote	
25.	2020UME1943	Manish Kr. Keshri	
26.	2020UME1232	Saurabh Meena	

SS Nanda 
  
 Anish 
  
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 Min HP 
  
 Myra 
  
 Ananta



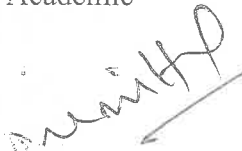
27.	2019UME1882	Bharti Mehra	Mid term examination, MET-323, Product Design and Development
28.	2019UME1678	Aisha Malik	
29.	2019UME1180	Ankita Mishra	
30.	2019UME1628	Sweeti Kumari	
31.	2019UME1881	Yahiya Ansari	
32.	2019UME1249	Sunariwal Maheshkumar	
33.	2019UME1202	Shreyansh Singh	Mid term examination, MET-326, Total Quality Management
34.	2019UME1716	Namit Jain	
35.	2019UME1783	Shubham Malhotra	
36.	2019UME1883	Devansh Garg	
37.	2019UME1248	Prateek Yadav	
38.	2019UME1249	Sunariwal Maheshkumar	
39.	2019UME1193	Anshul Sunil Bansod	Mid term examination, MET- 223, Industrial Engineering
40.	2020UME1230	Gaurav Meena	

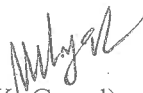
The meeting was concluded with thanks to the chair.

  
(Urmila Birghu)  
Dean Academic


  
(Rakesh Jain)  
Chairperson, SPGB

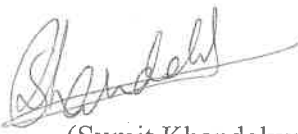
  
(Ravindra Nagar)  
Chairperson, SUGB

  
(M.L. Mittal)  
Head, Mechanical Engg.


  
(R.K. Goyal)  
Head, Meta. & Materials Engg.


  
(Kanupriya Sachdeva)  
ADPG

  
(Vatsala Mathur)  
Head, Dept. of Mathematics

  
(Sumit Khandelwal)  
ADUG

  
(Dinesh Gopalani)  
Head, Computer Science and Engg.

  
(Subba Ramaih)  
Dept. of Chemical Engg.

  
(S. J. Nanda)  
Dept. of ECE

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY**  
**Office of Dean Academic**

**Draft Minutes of Unfair Means Committee Meeting held on June 20, 2022**

An urgent meeting of the Unfair Means Committee was held on June 20, 2022 at 03:00 PM in the Meeting Room, Near Dean (Academic) Office, Prabha Bhawan, MNIT Jaipur. The meeting was attended by the following members:

- |                            |   |
|----------------------------|---|
| • Prof. Urmila Brighu      | Dean, Academic  |
| • Prof. Himanshu Chaudhary | Head, Department of Mechanical Engineering            |
| • Dr. Dinesh Gopalani      | Head, Department of Computer Science and Engineering  |
| • Dr. Monica Sharma        | Head, Department of Management Studies                |
| • Dr. Neha Shrivastava     | Representing Head, Department of Civil Engineering    |
| • Dr. SubbaramaiahV        | Representing Head, Department of Chemical Engineering |
| • Dr. Sumit Khandelwal     | Associate Dean (UG)                                   |

The agenda items discussed in the meeting and resolution/recommendations of the committee are given hereunder.

1. To discuss the unfair means cases reported in the End term examinations of IV/VI/VIII semester 2021-22 held from 23<sup>rd</sup> May 2022 to 31<sup>st</sup> May 2022.

Background: Cases of unfair means were observed in recently held end-term examinations. The cases reported during end-term examinations pertain to Department of Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Chemical Engineering and Department of Management Studies. The cases were reported by the concerned course coordinator/invigilator to the respective DUGCs/DPGC. The DUGC/DPGC has forwarded the cases to the Unfair Means Committee. Few cases of unfair means during examinations have also been reported by the flying squads.

Discussion: The committee discussed the cases on individual basis. The types of unfair means included possession of mobile phone/smart band in the examination hall during the examination period, using mobile phones in toilets, possession of cheats etc.

Recommendation: The committee decided that the examination of the respective course(s) of all the students (as given in the table below) during which unfair means cases have been reported stands cancelled. The students will be awarded 'ZERO' marks in the respective examination. It was decided that the information regarding indulging in unfair means by the students will be communicated to the parents of the students. It was also decided that any such repeat offense by these students will attract severe penalty which may range up to expulsion (limited period/permanent) of the students from the Institute. Further, the decision of the committee will be communicated to all the students of the Institute.

S. No.	Name of the student	Student ID	Course details
1.	Sachin Masiwal	2019UCE1179	CET-324 DRCS
2.	Piyush Garg	2018UCE1475	RET-652, Wind and Hydro Energy System
3.	Akash Ali	2020PBM5216	BMT-412, Corporate Governance Ethics & CSR

4.	Sudhanshu Upadhyay	2018UCH1764	CHT-410, PPD
5.	Rohit Kumar Meena	2018UME1180	MET-422, Computational Fluid Dynamics
6.	Nidhi Vikram Mehta	2020UCP1875	HST-202, Economic Environment
7.	Daxaben Ratadiya	2020UCP1078	
8.	Manish Kumar	2019UCH1569	CHT-310, Chemical Technology
9.	Jainendra Sharma	2019UCH1462	
10.	Palak Agarwal	2019UCH1485	
11.	Shreyansh Janagal	2021UCP1391	CST-302, Operating System
12.	Rajkamal Gomaldu	2021UCP1334	
13.	Ayush Upadhyay	2021UCP1372	CST-308, Computer Network and Security (CNS)
14.	Hitesh Vijay	2021UCP1426	
15.	Vijay Kumar	2020UCP1494	
16.	Ankit Kumar	2020UCP1167	CST-202, Computer Organization & Microprocessor
17.	Siddhant Raj Saxena	2019UME1760	MET-324, Adv. Manufacturing Process

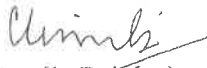
2. To discuss the unfair means case reported by flying squad in which a student was caught while he was helping other student to cheat for the examination.


Background: A student Gaurav Meena (2020UME1230) had given his mobile phone to other student (Ankit Kumar, ID No. 2020UCP1167) to watch YouTube lecture in the toilet during the duration of the exam. The matter was caught by the flying squad. Gaurav Meena was not appearing for any examination at that time.

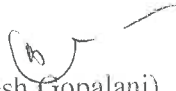
Discussion: The committee discussed the case and observed that this matter though a case of unfair means cannot be dealt as per the provisions given in guidelines on unfair means cases.

Recommendation: The committee decided that this matter shall be communicated to the Institute disciplinary committee for taking strict action and impose punishment on the candidate.

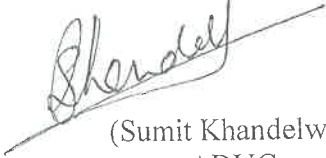
The meeting was concluded with thanks to the chair.


  
(Urmila Brighu)  
Dean Academic

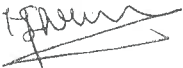
  
(Himanshu Chaudhary)  
Head, Mechanical Engg.

  
(Dinesh Gopalani)  
Head, Computer Science and Engg.

  
(Monica Sharma)  
Head, DMS

  
(Sumit Khandelwal)  
ADUG

  
(Subbaramaiah V)  
Dept. of Chemical Engg.

  
(Neha Shrivastava)  
Dept. of Civil Engg.