

# **NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA**

## **TABLE AGENDA**

**For**

**57<sup>th</sup> MEETING OF SENATE**



**Venue of meeting: Senate Hall, NIT, Kurukshetra**

**Date & Time : 27<sup>th</sup> October, 2025 at 11:00 a.m.**

## **INDEX**

<b>Sr. No.</b>	<b>Agenda Item</b>	<b>Pages</b>
ST 57.01	To consider the proposal of Mathematics Department for the following: (i) Change of the name of the Department (ii) Inclusion of the course 'Computer Networks' in the B.Tech.(MC) curriculum (iii) Starting M.Tech. (Mathematics & Computing) from AY 2026-27. (iv) Inclusion of an additional track 'Financial Mathematics in the B.Tech. (MC) curriculum	<b>1-3</b>
ST 57.02	To consider the 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> year scheme and syllabus of B.Arch.	<b>4-12</b>
ST 57.03	To consider and approve the modified Panel of Experts (Nominee of the Senate) for recruitment of Academic Staff in various subjects.	<b>13</b>
	Any other item with the permission of the Chair.	

**ST 57.01 To consider the proposal of Mathematics Department for the following:**

- (i) Change of the name of the Department**
- (ii) Inclusion of the course 'Computer Networks' in the B.Tech.(MC) curriculum**
- (iii) Starting M.Tech. (Mathematics & Computing) from AY 2026-27**
- (iv) Inclusion of an additional track 'Financial Mathematics in the B.Tech. (MC) curriculum**

A proposal has been received from the Mathematics Department. It has been proposed to change the name of the department from 'Department of Mathematics' to Department of Mathematics and Computing' to better reflect the current academic programs and future vision of the Department. Further, inclusion of the course 'Computer Networks' and introduction of an additional track titled 'Financial Mathematics' in the B.Tech. (Mathematics & Computing) curriculum has also been proposed.

The Department of Mathematics has proposed to start the M.Tech. (Mathematics & Computing) program from the AY 2026-27, subject to approval by the higher academic bodies of the Institute.

The Senate may consider and decide.

**DEPARTMENT OF MATHEMATICS**  
**NATIONAL INSTITUTE OF TECHNOLOGY**  
**KURUKSHETRA – 136119**

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No.: MA/2025/ 514

Acad./Inward/ 25 / 2849

Date: October 17, 2025

Dated: 17-10-25

**Minutes of the Meeting**

A meeting of all the faculty members of the department was held on October 17, 2025, at 3:30 PM in the office of the undersigned in the Department of Mathematics.

The following faculty members were present at the meeting:

Prof. A.S.V. Ravi Kanth  
Prof. Paras Ram  
Dr. Surender Ontela  
Dr. Raghvendra Pratap Singh  
Dr. M M Harshita  
Dr. Gourav Kumar  
Dr. Munnu Sonkar

**Agenda:**

1. The change of the Name of the Department from “Department of Mathematics” to “Department of Mathematics and Computing”.
2. Inclusion of the Course “Computer Networks” in the B. Tech (MC) curriculum.
3. Proposal for starting MTech (Mathematics and Computing) from AY 2026-27.
4. Inclusion of an additional track “Financial Mathematics” in the B. Tech (MC) curriculum

**Discussion and Decisions:**

All the members discussed the agenda items in detail and deliberated at length on each point. After a comprehensive discussion, the following decisions were unanimously agreed upon:

1. The members unanimously agreed to change the name of the department from “Department of Mathematics” to “Department of Mathematics and Computing” to better reflect the current academic programs and future vision of the department.
2. It was unanimously decided to include the course “Computer Networks” in the B. Tech (Mathematics and Computing) curriculum to strengthen the computing and networking component of the program.
3. The committee unanimously supported the proposal to start the M. Tech (Mathematics and Computing) program from the Academic Year 2026–27, subject to approval by the higher academic bodies of the Institute.

DEPARTMENT OF MATHEMATICS  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA – 136119

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- The members unanimously agreed to introduce an additional track titled “Financial Mathematics” in the B. Tech (Mathematics and Computing) curriculum to broaden the interdisciplinary scope and career opportunities for students. The list of proposed courses, along with the syllabus under the track, is attached.
- The meeting concluded with a vote of thanks to all the members, extended by the Chairperson, for their active participation and valuable contributions.

The meeting ended with a vote of thanks to all the members, proposed by the Chairperson.



Munnu Sonkar



Gourav Kumar



M M Harshita



Raghvendra Pratap Singh



Surender Ontela



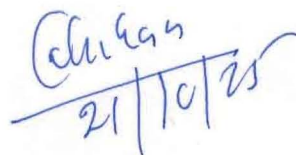
Paras Ram

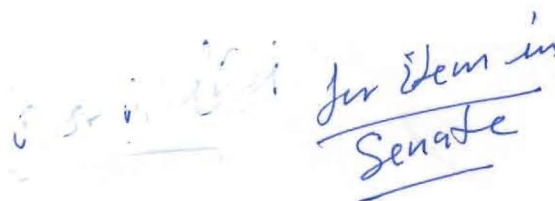
  
17.10.21

A.S.V. Ravi Kanth

Copy to:

1. Dean (Acad)

  
21/10/21

  
for Item in  
Senate

**ST 57.02 To consider and approve the 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> year scheme and syllabus of B.Arch.**

The scheme of 1<sup>st</sup> & 2<sup>nd</sup> year of B.Arch. has already been approved by the Senate. Now, the scheme & syllabus of 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> year duly approved by the BoS of department of Architecture & Planning has been received which is placed as Annexure ST 57.02.

The Senate may consider and approve.

Acad./Inward/25.3847  
Dated: 17.10.25

**DEPARTMENT OF ARCHITECTURE AND PLANNING  
NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA -136119**

No DoAP/BoS/2025/ 239

Dated: 09.10.2025

**Subject: Minutes of meeting of the Board of Studies (BoS) (02/2025) in Architecture and Planning, NIT Kurukshetra held on 27.09.2025**

A meeting of the BoS (02/2025) was held on 27.09.2025 (Saturday) at 11.30 am (hybrid mode) in the Conference Room of the Civil Engineering Department. The following were present in the meeting:

1	Prof. H. K. Sharma, Professor, Chairperson and Coordinator	In Chair
2	Prof. Ajai Jain, Professor, MED	Member
3	Dr. Pankaj Munjal, Assistant Professor	Member
4	Dr Jitendra Singh Yadav, Assistant Professor and Convenor	Member
5	Prof. Manoj Mathur, Professor, External Expert, SPA, New Delhi	Member
6	Prof. Tarush Chandra, Professor, External Expert, MNIT Jaipur	Member
7	Prof. Vishal Rai, Associate Professor, External Expert, IGDTU for Women, New Delhi	Member
8	Ms. Shikha Agarwal, Deputy Registrar, External Expert, GGSIP Univ., New Delhi	Member
9	Dr Amit Kumar Jaglan, Assistant Professor, DoAP	Special Invitee
10	Ar. D. Shivarama Reddy, Assistant Professor, DoAP	Special Invitee
11	Dr Rajeev Garg, Adjunct Professor, DoAP	Special Invitee
12	Dr Kanchan Garg, Adjunct Professor, DoAP	Special Invitee

The following decisions were taken:

1. The BoS confirmed the minutes of meeting of BoS (01/2025) held on 28.04.2025
2. The BoS considered the scheme and syllabi of B.Arch. 3<sup>rd</sup> to 5<sup>th</sup> year degree course. After detailed deliberation, BoS approved the scheme and syllabi of B.Arch. 3<sup>rd</sup> to 5<sup>th</sup> year degree course. The minutes of the item was confirmed in the meeting as the same are required to be put up in the forthcoming Senate meeting for consideration. The hard copy of the scheme and syllabi of B.Arch. 3<sup>rd</sup> to 5<sup>th</sup> year degree course is being sent to Dean (Acad.) as Annexure -I. Further, the BoS considered the minor modifications in scheme & syllabi of B. Arch 1<sup>st</sup> and 2<sup>nd</sup> year effective from AY 2026-27. After detailed discussion, it was decided that the existing and proposed scheme & syllabi of B. Arch 1<sup>st</sup> and 2<sup>nd</sup> year will be presented in a tabular form in the forthcoming meeting of BoS for consideration.
3. The BoS considered the scheme and syllabi of the proposed M. Plan (Urban and Regional Planning) degree programme in DoAP effective from AY 2026-27, in view of the recommendation of DAC to start M. Plan (Urban and Regional Planning) degree programme in DoAP from the AY 2026-27 vide item no. 05 of minutes of meeting of the DAC (02/2025) held on 26.09.2025. After detailed discussion, it was decided that the scheme and syllabi of the proposed M. Plan (Urban and Regional Planning) will be placed in the next meeting of BoS, after incorporating suggestions of BoS members, for consideration.
4. Under any other item, BoS considered the proposal to start Ph.D. degree programme in the department as per Ph D Ordinance of the Institute in view of the recommendation of DAC (02/2025) meeting held on 26.09.2025 vide item no. 6. After detailed discussion, BoS approved that Ph.D. degree programme be started in DoAP by following rules and regulations of Ph D Ordinance of the Institute.

No other item was discussed in the meeting.

The meeting ended with a vote of thanks to the Chair.

Chairperson / Coordinator

**All BoS Members and External Experts**

Copy to: Dean (Acad.)

# Bachelor of Architecture

(B. Arch. - Five Year Full Time Degree Program)

## Curriculum and Syllabus

Semester V, VI, VII, VIII, IX & X  
(Entry Batch 2024 Onwards)



Department of Architecture and Planning  
National Institute of Technology  
Kurukshetra – 136119 (Haryana)

*[Signature]*

(RAJEEV GARG)

(AMIT JAGLAN)

*[Signature]*  
(KANCHA GARG)

*[Signature]*  
(S. SHIVARAM REDDY)

*[Signature]*  
(S. SHIVARAM REDDY)

*[Signature]*  
Amitendu Singh

*[Signature]*  
(SARITA SINGH)

**SEMESTER-WISE STRUCTURE OF CURRICULUM**  
**B. ARCH. PROGRAMME A.Y. 2024-25**  
**BATCH 2024 ONWARDS**  
**SEMESTER - V**

S No.	Course Category	Course Title	Course Code	Lecture (L)/Tutorial (T)/ Practical (P)/ Studio (S) per week					Credits
				L	T	P	S	Total	
1	PC	Architectural Design-V	ARPC301	1	0	0	6	7	7
2		Building Construction & Materials-V	ARPC302	2	0	0	3	5	5
3		Earthquake Resistant Architecture	ARPC303	3	0	0	0	3	3
4		Building Information Modelling	ARPC304	2	0	2	0	4	3
5		Building Services - Electrical & Mechanical	ARPC305	3	0	0	0	3	3
6		Specifications and Estimation	ARPC306	2	1	0	0	3	3
7	OE	Design Thinking and Innovation	AROE321	2	1	0	0	3	3
8	NC	NCC/ Sports /Yoga	SWNC 101	0	0	2	0	2	1*
9		NSS /Clubs /Technical Societies	SWNC 102	0	0	2	0	2	1*
<b>Total Hours-28 + 4* = 32</b>									<b>27</b>
<b>Cumulative Credits</b>									<b>135</b>

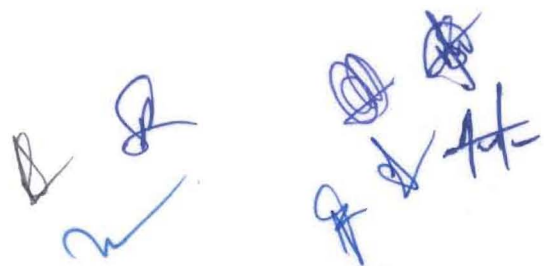
\* Continuous Evaluation Model as per Guidelines and the credit to be awarded at the end of 6<sup>th</sup> semester based on Cumulative performance up 6<sup>th</sup> semester.

**SEMESTER-WISE STRUCTURE OF CURRICULUM**  
**B. ARCH. PROGRAMME A.Y. 2024-25**  
**BATCH 2024 ONWARDS**  
**SEMESTER - VI**

S No.	Course Category	Course Title	Course Code	Lecture (L)/Tutorial (T)/ Practical (P)/ Studio (S) per week					Credits
				L	T	P	S	Total	
1	PC	Architectural Design-VI	ARPC308	1	0	0	6	7	7
2		Building Construction & Materials-VI	ARPC309	2	0	0	3	5	5
3		Furniture Design	ARPC310	1	0	2	0	3	2
4		Working Drawings	ARPC311	1	0	0	3	4	4
5		Housing Policies and Planning	ARPC312	2	1	0	0	3	3
6		Building Performance & Compliance	ARPC313	2	0	2	0	4	3
7	PE	Programme Elective-I	ARPE---	2	1	0	0	3	3
8	NC	NCC/ Sports /Yoga	SWNC 101	0	0	2	0	2	1*
9		NSS /Clubs /Technical Societies	SWNC 102	0	0	2	0	2	1*
<b>Total Hours = 29 + 4* = 33</b>									<b>27</b>
<b>Cumulative Credits (160 +2*)</b>									<b>162</b>

\* Continuous Evaluation Model as per Guidelines and the credit to be awarded at the end of 6<sup>th</sup> semester based on Cumulative performance up 6<sup>th</sup> semester.

<b>List of Programme Electives-I</b>					
Course Code	Course Title	L	T	P/S	C
ARPE321	Building Codes and Byelaws	2	1	0	3
APPE322	Vernacular Architecture	2	1	0	3
APPE323	Vastushastra Principles	2	1	0	3
APPE324	Highrise Buildings	2	1	0	3



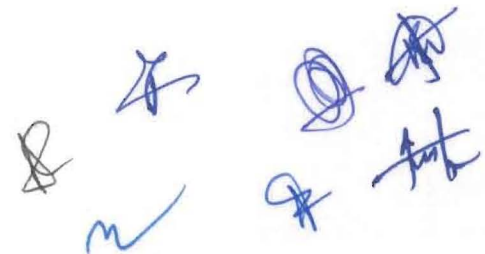
**SEMESTER-WISE STRUCTURE OF CURRICULUM**  
**B. ARCH. PROGRAMME A.Y. 2024-25**  
**BATCH 2024 ONWARDS**  
**SEMESTER - VII**

S No.	Course Category	Course Title	Course Code	Lecture (L)/Tutorial (T)/ Practical (P)/ Studio (S) per week					Credits
				L	T	P	S	Total	
1	PC	Architectural Design-VII	ARPC401	2	0	0	8	10	10
2		Advanced Building Construction	ARPC402	1	0	0	3	4	4
3		Construction and Project Management	ARPC403	2	1	0	0	3	3
4		Business Ethics & Governance	ARPC404	2	1	0	0	3	3
5		Professional Practice	ARPC405	2	0	0	0	2	2
6		Urban Planning	ARPC406	2	1	0	0	3	3
7	PE	Programme Elective-II	ARPE---	2	1	0	0	3	3
<b>Total Hours = 28</b>									<b>28</b>
<b>Cumulative Credits (Total upto 7<sup>th</sup> semester)</b>									<b>190</b>

List of Programme Electives-II						
Course Code	Course Title	L	T	P/S	C	
ARPE421	Low Cost Buildings	2	1	0	3	
ARPE422	Futuristic Materials	2	1	0	3	
ARPE423	Sustainable Architecture	2	1	0	3	
ARPE424	Disaster Mitigation and Management	2	1	0	3	

**SEMESTER-WISE STRUCTURE OF CURRICULUM**  
**B. ARCH. PROGRAMME A.Y. 2024-25**  
**BATCH 2024 ONWARDS**  
**SEMESTER - VIII**

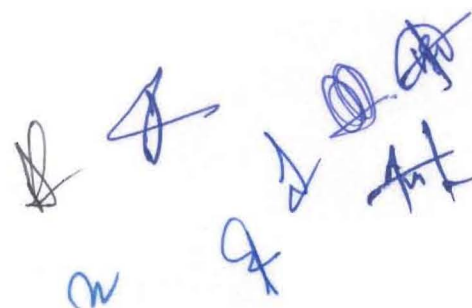
S No.	Course Category	Course Title	Course Code	Lecture (L)/Tutorial (T)/ Practical (P)/ Studio (S) per week					Credits
				L	T	P	S	Total	
1	PC	Professional Training	ARPC408	-	-	-	-	-	24
<b>Total Hours = 40 to 45</b> (or as per supervisor architect's office timings) Training Duration: One Semester (Min. 18 weeks)									<b>24</b>
<b>Cumulative Credits</b> (Total upto 8 <sup>th</sup> semester)									<b>214</b>



**SEMESTER-WISE STRUCTURE OF CURRICULUM**  
**B. ARCH. PROGRAMME A.Y. 2024-25**  
**BATCH 2024 ONWARDS**  
**SEMESTER - IX**

S No.	Course Category	Course Title	Course Code	Lecture (L)/Tutorial (T)/ Practical (P)/ Studio (S) per week					Credits
				L	T	P	S	Total	
1	PC	Architectural Design-VIII	ARPC501	2	0	0	8	10	10
2		Interior Design	ARPC502	2	0	0	3	5	5
3		Research Methodology	ARPC503	2	0	0	0	2	2
4		Architectural Dissertation	ARPC504	0	0	0	4	4	4
5		Real Estate and Economics	ARPC505	2	0	0	0	2	2
6	PE	Programme Elective-III	ARPE---	2	1	0	0	3	3
<b>Total Hours = 26</b>									<b>26</b>
<b>Cumulative Credits (Total upto 9<sup>th</sup> semester)</b>									<b>240</b>

<b>Indicative LIST OF Programme Elective - III</b>					
Course Code	Course Title	L	T	P/S	C
ARPE 511	Architectural Journalism	2	1	0	3
ARPE 512	Building Automation	2	1	0	3
ARPE 513	Architectural Pedagogy	2	1	0	3
ARPE 514	UX/UI Design	2	1	0	3
ARPE 515	Artificial Intelligence in Architecture	2	1	0	3



**SEMESTER-WISE STRUCTURE OF CURRICULUM**  
**B. ARCH. PROGRAMME A.Y. 2024-25**  
**BATCH 2024 ONWARDS**  
**SEMESTER - X**

S No.	Course Category	Course Title	Course Code	Lecture (L)/Tutorial (T)/ Practical (P)/ Studio (S) per week					Credits
				L	T	P	S	Total	
1	PC	Architectural Design Thesis	ARPC506	0	0	0	18	18	18
2		Comprehensive Viva-Voce	ARPC507	0	0	0	0	0	2
3	PE	Programme Elective-IV (Optional)	ARPE---	2	0	0	2	4	4
4	OE	Open Elective (Optional)	##OE---	2	1	0	0	3	3
<b>Total Hours = 27</b>									<b>20</b>
<b>Cumulative Credits (All 10 Semesters) 260 + 7 (Optional)</b>									<b>260</b>

NOTE:

Student will become eligible for the award of B. Arch. Five Year Full Time Degree, if a student earns minimum 260 Credits by pursuing B. Arch. courses as per approved B. Arch. curriculum.

Indicative LIST OF Program Elective - IV						
S. No.	Course Code	Course Title	L	T	P/S	C
1	ARPE 521	Architectural Conservation	2	0	2	4
2	ARPE 522	Product Design	2	0	2	4
3	ARPE 523	Environmental Planning	2	0	2	4

LIST of MOOCs to be considered as Programme Electives						
S. No.	Course Code	Course Title	L	T	P/S	C
1	ARPE 531	Graphics & Animation Design	2	1	0	3
2	ARPE 532	Signage Design	2	1	0	3
3	ARPE 533	Planning Principles and Techniques	2	1	0	3

NOTE:

- (1) Relevant MOOCs offered at SWAYAM / NPTEL or other approved Platforms and Courses Offered as Open Elective at Institute level (by other departments in NIT Kurukshetra) during various semesters can also be considered as Program Elective Course, subject to prior approval by the Head of Department. After getting approval from Department Head, students have to enroll these courses in line with their aspirations and credit shall be considered if student register for the course, clear the MOOC and present the course certificate with examination result issued by the MOOC organizer.
- (2) List of Open Elective Courses to be published by the Academic Section in various semesters.

**ST 57.03 To consider and approve the modified Panel of Experts (Nominee of the Senate) for recruitment of Academic Staff in various subjects.**

An agenda item was placed before the senate in its 56<sup>th</sup> meeting vide agenda item No. S 56.22 to consider and approve the panel of experts (Nominee of the Senate) for recruitment of the Academic Staff in various subjects.

The Senate considered and approved the panel of experts (Nominee of the Senate) for the recruitment of the Academic Staff in various subjects.

The minutes of the Senate was placed before the Board of Governors in its 74<sup>th</sup> meeting. The Board however, desired that the selection of Panel of Experts (Nominee of the Senate) for recruitment of Academic Staff in various subjects should be from IITs, NITs, and other institutions with NIRF ranking below 50. Accordingly, the panel of external experts (Nominee of the Senate) be modified and brought to the Board.

Accordingly, the Panel of External Experts (Nominee of the Senate) has been modified and placed before the Senate on the table.

The Senate may consider and approve.