



**Minutes of the 66<sup>th</sup> Meeting of the Senate of  
National Institute of Technology, Tiruchirappalli held on  
29<sup>th</sup> August 2024 at 02.30 PM in the A2 Hall and through WebEx**

**The following members were present in the meeting:**

1.	Dr. G. AGHILA, Director ,Chairperson
2.	Dr. HARIDOSS PRATHAP, External Member
3.	Dr. RAMESH S. T. Dean Academic
4.	Dr. ALPHONSE P. J. A
5.	Dr. ANAND R. B
6.	Dr. ANANDAKRISHNAN V
7.	Dr. ARIVAZHAGAN M.
8.	Dr. ARTHANAREESWARAN G
9.	Dr. ARUL DANIEL S.
10.	Dr. ARUL MOZHI SELVAN V
11.	Dr. ARUNAGIRI A
12.	Dr. ASHOK M.
13.	Dr. ASOKAN P.
14.	Dr. BALASUBRAMANIAN K R
15.	Dr. BALASUNDARAM S. R.
16.	Dr. BASKAR K.
17.	Dr. BASKARAN N
18.	Dr. BHASKAR M.
19.	Dr. BIJU V. M
20.	Dr. CHANDRA BOSE A.
21.	Dr. CINDRELLA L.
22.	Dr. DHANALAKSHMI K.
23.	Dr. DOMNIC S.
24.	Dr. DURAISELVAM M.
25.	Dr. EZHILARASI D
26.	Dr. GANDHIMATHI R
27.	Dr. GANGADHARAN G R
28.	Dr. GIRIDHARAN N V
29.	Dr. GOPALAKRISHNAN N.
30.	Dr. GOPI E S
31.	Dr. JAYA BHARATA REDDY M.
32.	Dr. JAYALEKSHMI S.
33.	Dr. JEYACHITRA R K
34.	Dr. JEYAPPAUL R.
35.	Dr. JOSEPH PONNIAH R.
36.	Dr. JUSTIN JESEYPHUS R
37.	Dr. KALAICHELVI P
38.	Dr. KARTHIKEYAN B
39.	Dr. KARVEMBU R.
40.	Dr. KUMANAN S.
41.	Dr. KUMARAN S.
42.	Dr. KUMARAN V.
43.	Dr. KUMARESAN N.
44.	Dr. KUMARESH BABU S. P
45.	Dr. LAKSHMANA GOMATHI NAYAGAM V
46.	Dr. LAKSHMI NARAYANAN G
47.	Dr. LEELA VELUSAMY R
48.	Dr. LENIN SINGARAVELU D
49.	Dr. MALA C

50.	Dr. MALARKODI B
51.	Dr. MANIVANNAN S
52.	Dr. MARY SAIRA BHANU S.
53.	Dr. MATHESWARAN M
54.	Dr. MEENATCHI SUNDARAM A
55.	Dr. MEERA S. BEGUM K. M.
56.	Dr. MEKALA S
57.	Dr. MURUGANANTHAM G
58.	Dr. MURUGESAN K.
59.	Dr. MUTHUCHIDAMBARANATHAN P.
60.	Dr. MUTHUKUMARAN K.
61.	Dr. MUTHUKUMAR K.
62.	Dr. NAGALAKSHMI R
63.	Dr. NAGASUBRAMANIYAN G
64.	Dr. PALANISAMY P.
65.	Dr. PANNEERSELVAM K.
66.	Dr. PARTHIBAN P
67.	Dr. PERUMAL SAMY M
68.	Dr. PRASANNA VENKATESAN S
69.	Dr. RADHAKRISHNAN T. K.
70.	Dr. RAJESWARI SRIDHAR
71.	Dr. RAMAN SANKARANARAYANAN S.
72.	Dr. RAMESH BABU N
73.	Dr. RAMESH T
74.	Dr. RAVICHANDRAN V.
75.	Dr. RAVISHANKAR B
76.	Dr. SAIKRISHNAN P.
77.	Dr. SANKARANARAYANAN R
78.	Dr. SANKARANARAYANAN V.
79.	Dr. SANTHOSH KUMAR M C
80.	Dr. SARAT CHANDRA BABU J.
81.	Dr. SARAVANA ILANGO G
82.	Dr. SASTIKUMAR D
83.	Dr. SATHIYA NARAYANAN C
84.	Dr. SATHIYA P.
85.	Dr. SELVAKUMAR S
86.	Dr. SENTHIL ARASU B
87.	Dr. SENTHIL KUMAR S.
88.	Dr. SENTHILKUMAR V
89.	Dr. SHANTHI V
90.	Dr. SHEEBA K N
91.	Dr. SISHAJ P SIMON
92.	Dr. SIVA PRASAD KATAKAM
93.	Dr. SIVAKUMAR V. J.
94.	Dr. SIVAKUMARAN N.
95.	Dr. SIVAPIRAKASAM S. P.
96.	Dr. SIVASANKAR T.
97.	Dr. SIVASHANMUGAM N
98.	Dr. SIVASHANMUGAM P.
99.	Dr. SRIDEVI P
100.	Dr. SRINIVASA RAO T.
101.	Dr. SRINIVASAN K
102.	Dr. SRIRAM KUMAR D
103.	Dr. SUBBAIYAN G

104.	Dr. SUDHA S.
105.	Dr. SUNDARESWARAN K.
106.	Dr. SURESH S
107.	Dr. SWAMINATHAN G.
108.	Dr. THIRUMARAN K.
109.	Dr. UMA G
110.	Dr. UMAPATHY M.
111.	Dr. VASUKI B
112.	Dr. VEERAPPAN A R.
113.	Dr. VENKATACHALAPATHY S.
114.	Dr. VENKATAKIRTHIGA M
115.	Dr. VINOD BALAKRISHNAN V.
116.	Dr. VINODH S
117.	Dr. THAMARAISELVAN N., Registrar (i/c), (Secretary, Senate)
<b>SPECIAL INVITEES</b>	
118.	Dr. K PREMKUMAR, HoD, Architecture
119.	Dr. K. PANNIRSELVAM, HoD, Mechanical Engineering
120.	Dr. R. PARTHASARATHY, Associate Dean (Academic)
121.	Dr. R. THILAGAVATHY, Associate Dean (Academic)
122.	Dr. SHELAS SATHYAN, Associate Dean (Academic)
123.	Dr. G. THAVASI RAJA, Associate Dean (Academic)
124.	Dr. R. PERIYASAMY, Associate Dean (Academic)

**The following members expressed their inability to attend the meeting:**

S. No.	Name
1.	Dr. S. ASOKAN, External Member
2.	Dr. M. THENMOZHI, External Member
3.	Dr. ANAND R
4.	Dr. BAKTHAVATSALAM A. K.
5.	Dr. HEMALATHA J.
6.	Dr. JERALD J
7.	Dr. MICHAEL AROCK
8.	Dr. MOORTHY S
9.	Dr. MURUGESAN R.
10.	Dr. MUTHUKUMARAN S.
11.	Dr. NICKOLAS S.
12.	Dr. PANDEESWARI R
13.	Dr. PREMALATHA M.
14.	Dr. RAMAKALYAN AYYAGARI
15.	Dr. RAMASUBRAMANIAN N.
16.	Dr. RUBEN SUDHAKAR D, HoD, DEE
17.	Dr. SATHYARAJ V
18.	Dr. SELVAN M P
19.	Dr. VELMATHI S

**The following member did not attend the meeting:**

1.	Dr. ANANDAN S
2.	Dr. NAGAMANI C
3.	Dr. PUNNIYAMOORTHY M.
4.	Dr. SANKARANARAYANASAMY K.
5.	Dr. SREEKANTH A

1.	<p>The Chairperson of the Senate extends her heartfelt gratitude to the faculty, staff, and students for their contributions to the successful completion of the 20<sup>th</sup> Convocation of NIT, Tiruchirappalli. She also commends the Academic Office for their dedicated efforts in ensuring that all degree certificates and transcripts were made available through DigiLocker.</p> <p>With great pride, the Chairperson announces that NIT, Tiruchirappalli has once again secured a place in the top 10 of the NIRF (Engineering category) rankings for the sixth consecutive year-an achievement all NITTians can celebrate.</p> <p>The Chairperson also informed that the admission process for the B.Tech., B.Arch., PG, and Ph.D. programs for the July 2024 academic session has been successfully completed. The institute is currently in the process of adopting the Samarth eGov ERP system to enhance academic activities.</p> <p>Moreover, the Board of Studies (BoS) meetings for finalizing the detailed curriculum and syllabus for UG and PG programs, in alignment with the National Credit Framework, have been successfully completed by all departments. The Chairperson extends her sincere thanks to the Heads of Departments and BoS coordinators for their swift and efficient work in concluding these meetings.</p> <p>The Chairperson, Senate welcomed the members to the 66<sup>th</sup> Meeting of the Senate, and with a quorum confirmed, proceeded with the agenda.</p>		
2.	<p><b>Confirmation of the Minutes of 65<sup>th</sup> Meeting of the Senate held on 1<sup>st</sup> August 2024</b></p> <p>The Senate resolved to confirm the minutes of the 65<sup>th</sup> Meeting of the Senate held on 01<sup>st</sup> August, 2024.</p> <table border="1" data-bbox="245 1003 1437 1093"> <tr> <td data-bbox="245 1003 644 1093"><b>RESOLUTION</b> <b>66/SENATE/2024/2</b></td> <td data-bbox="644 1003 1437 1093"><b>RESOLVED THAT the Minutes of 65<sup>th</sup> meeting of Senate held on 01<sup>st</sup> August, 2024 be confirmed.</b></td> </tr> </table>	<b>RESOLUTION</b> <b>66/SENATE/2024/2</b>	<b>RESOLVED THAT the Minutes of 65<sup>th</sup> meeting of Senate held on 01<sup>st</sup> August, 2024 be confirmed.</b>
<b>RESOLUTION</b> <b>66/SENATE/2024/2</b>	<b>RESOLVED THAT the Minutes of 65<sup>th</sup> meeting of Senate held on 01<sup>st</sup> August, 2024 be confirmed.</b>		
	<p>Following the confirmation of the minutes of 65<sup>th</sup> meeting of the Senate, the Dean (Academic) presented the Approval and Ratification items</p>		

**APPROVAL ITEMS**

3.	<p><b>Approval of BoS recommendation of UG and PG Programmes curriculum of various departments</b></p>		
	<p>(i) The Board of Studies (BoS) meeting for General Institute Requirements (GIR) courses took place on 12<sup>th</sup> August 2024 at the Senate Hall to finalize modifications to these courses, with participation from external members both in person and virtually. Detailed information about the BoS members and the meeting dates for GIR courses was presented by the Dean (Academic). Dr. R. Justin Joseyphus, Chairperson of BoS (GIR), presented the recommendations for GIR courses in UG programs to the Senate. After discussions, the Senate approved the BoS recommendations and revisions to the GIR courses for immediate implementation in the current academic year. It was also suggested that future BoS meetings for GIR courses be conducted in conjunction with the Departmental BoS meetings.</p> <table border="1" data-bbox="331 1816 1449 2076"> <tr> <td data-bbox="331 1816 715 2076"><b>RESOLUTION</b> <b>66/SENATE/2024/3(i)</b></td> <td data-bbox="715 1816 1449 2076"><b>RESOLVED THAT the BoS recommendations and revisions on GIR courses are approved for immediate implementation starting from the current academic year, with a suggestion that future BoS meetings for GIR courses be held in conjunction with Departmental BoS meetings.</b></td> </tr> </table>	<b>RESOLUTION</b> <b>66/SENATE/2024/3(i)</b>	<b>RESOLVED THAT the BoS recommendations and revisions on GIR courses are approved for immediate implementation starting from the current academic year, with a suggestion that future BoS meetings for GIR courses be held in conjunction with Departmental BoS meetings.</b>
<b>RESOLUTION</b> <b>66/SENATE/2024/3(i)</b>	<b>RESOLVED THAT the BoS recommendations and revisions on GIR courses are approved for immediate implementation starting from the current academic year, with a suggestion that future BoS meetings for GIR courses be held in conjunction with Departmental BoS meetings.</b>		

- (ii) (a). The various departments conducted Board of Studies (BoS) meetings for both UG and PG programs, with participation from external members either in person or virtually. The Dean (Academic) presented detailed information regarding the BoS members and the dates of these meetings for the UG and PG programs. In the 64<sup>th</sup> Senate meeting, approval was granted for the credit distribution of the revised B.Tech. curriculum structure (Table 1) and the detailed curriculum framework, consisting of 160 credits and 160+3 credits, for the B.Tech. and B.Sc. (Engineering) programs.

**Table 1: Credits distribution for revised B.Tech. curriculum structure**

Course Category	Courses	No. of Credits	Weightage (%)
GIR (General Institute Requirements)	22	56	34.7
PC (Programme Core)	15	52 – 55	33.1
Programme Elective (PE) / Open Elective (OE)	12	36	22.3
Essential Laboratory Requirements (ELR)	8 Maximum 2 per session up to 6 <sup>th</sup> semester	16	9.9
<b>Total</b>	<b>57</b>	<b>160+3</b>	<b>100</b>
<b>Minor (Optional)</b>	15 Additional credits	15 Additional credits	-
<b>Honors (Optional)</b>	15 Additional credits	15 Additional credits	-

**Table 2: CURRICULUM FRAME WORK / FLEXIBLE CURRICULUM / NEP 2020 / NCrF / B.Tech.**

Sem	GIR		PC		ELR		PE/OE		Total Credits	Credit Distribution
	Course	Credit	Course	Credit	Course	Credit	Course	Credit		
I	7	19	-	-	-	-	-	-	19	40
II	8	17	1	4	-	-	-	-	21	
III	-	-	4	14	2	4	2	6	24	
IV	1	4	3	10	2	4	2	6	24	
V	1	3	4	14	2	4	1	3	24	
VI	2	4	3	10	2	4	2	6	24	
VII	2	3	-	-	-	-	4	12	15	
VIII	1	6	-	-	-	-	1	3	9	
<b>Total</b>	<b>22</b>	<b>56</b>	<b>15</b>	<b>52</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>36</b>	<b>160</b>	<b>160</b>

**Table 3: CURRICULUM FRAME WORK / FLEXIBLE CURRICULUM / NEP 2020 / NCrF / B.Sc. (Engineering)**

	Sem	GIR		PC		ELR		PE/OE		Total Credits	Credit Distribution
		Course	Credit	Course	Credit	Course	Credit	Course	Credit		
<b>Same as B.Tech.</b>	I	7	19	-	-	-	-	-	-	19	40
	II	8	17	1	4	-	-	-	-	21	
	III	-	-	4	14	2	4	2	6	24	
	IV	1	4	3	10	2	4	2	6	24	
<b>B.Sc. Exit</b>	V	1	3	2	8	2	4	2	6	21	37
	VI	4 <sup>@</sup>	12	-	-	2	4	-	-	16*	
<b>After B.Sc. exit and join back for B.Tech.</b>	VII	-	-	3	10	-	-	3	9	19	35
	VIII	1	1	2	6	-	-	3	9	16	
<b>Total</b>		<b>22</b>	<b>56</b>	<b>15</b>	<b>52</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>36</b>	<b>160</b>	<b>160</b>

<sup>@</sup>(Summer internship (2), Project Work (6) and Industrial Lecture (1))

**Table 4: CURRICULUM FRAME WORK / FLEXIBLE CURRICULUM / NEP 2020 / NCrF / B.Tech.**

Sem	GIR		PC		ELR		PE/OE		Total Credits	Credit Distribution
	Course	Credit	Course	Credit	Course	Credit	Course	Credit		
I	7	19	-	-	-	-	-	-	19	40
II	8	17	1	4	-	-	-	-	21	
III	1	4	4	14	2	4	1	3	25	50
IV	-	-	3	12	2	4	3	9	25	
V	1	3	4	15	2	4	1	3	25	49
VI	2	4	3	10	2	4	2	6	24	
VII	2	3	-	-	-	-	4	12	15	24
VIII	1	6	-	-	-	-	1	3	9	
<b>Total</b>	<b>22</b>	<b>56</b>	<b>15</b>	<b>55</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>36</b>	<b>163</b>	<b>163</b>

**Table 5 CURRICULUM FRAME WORK / FLEXIBLE CURRICULUM / NEP 2020 / NCrF / B.Sc. (Engineering)**

	Sem	GIR		PC		ELR		PE/OE		Total Credits	Credit Distribution
		Course	Credit	Course	Credit	Course	Credit	Course	Credit		
Same as B.Tech.	I	7	19	-	-	-	-	-	-	19	40
	II	8	17	1	4	-	-	-	-	21	
	III	1	4	4	14	2	4	1	3	25	
	IV	-	-	3	12	2	4	3	9	25	
B.Sc. Exit	V	1	3	2	8	2	4	1	3	18	34
	VI	4*	12	-	-	2	4	-	-	16*	
After B.Sc. exit and join back for B. Tech.	VII	-	-	3	10	-	-	4	12	22	39
	VIII	1	1	2	7	-	-	3	9	17	
	<b>Total</b>	<b>22</b>	<b>56</b>	<b>15</b>	<b>55</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>36</b>	<b>163</b>	<b>163</b>

Based on 64<sup>th</sup> Senate approval, the departments are requested to revise the curriculum structure for B.Tech. and B.Sc. (Engineering) programs. The respective Heads of Departments (HoDs) presented the Board of Studies (BoS) recommendations and curriculum details for UG programs to the Senate.

After thorough deliberations, the Senate approved the BoS recommendations and revised curriculum structure for seven UG programs (Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Instrumentation and Control Engineering and Mechanical Engineering) that have adopted the credit distribution and curriculum structure as recommended by the 64<sup>th</sup> Senate, effective from the academic year 2024 - 25. However, the Senate advised revising the proposed curriculum structure for the B.Sc. (Engineering) program in the Department of Metallurgical and Materials Engineering, Department of Production Engineering, to align with the recommendations of the 64<sup>th</sup> Senate.

**RESOLUTION  
66/SENATE/2024/3(ii)a**

**RESOLVED THAT** the Senate approved the BoS recommendations and revised curriculum structure for all B.Tech. programs that have adopted the credit distribution and curriculum structure as recommended by the 64<sup>th</sup> Senate.

Further, the Senate suggested revising the proposed curriculum structure for Metallurgical and Materials Engineering and Production Engineering, in accordance with the recommendations of the 64<sup>th</sup> Senate.

(ii) (b). The respective Heads of Departments presented the details of the BoS recommendations for PG programs to the Senate.

The Senate approved the BoS recommendations and the Curriculum Framework / Flexible Curriculum / NEP 2020 / NCrF for PG programs for the academic year 2024-25, with the curriculum framework for M.Arch. to be applied in the academic year 2025-26. However, the Senate advised revising the proposed curriculum framework for the PG programs (M.Tech. Construction Technology and Management, M.Tech. Computer Science and Engineering), to align with RESOLUTION: 64/SENATE/2024/3b(i).

**RESOLUTION  
66/SENATE/2024/  
3(ii)b**

**RESOLVED THAT, in accordance with RESOLUTION: 64/SENATE/2024/3b(i), the curriculum components for 30 PG programs, with total credits of 80 (M.Tech., M.Sc., MBA, MA) and 120 (MCA), were approved in the 64th Senate Meeting. The department HoDs presented the BoS minutes to the Senate. The Senate approved the BoS recommendations and the Curriculum Framework / Flexible Curriculum / NEP 2020 / NCrF for PG programs for the academic year 2024-25, with the curriculum framework for M.Arch. to be implemented in 2025.**

**However, the Senate advised revising the proposed curriculum framework for the PG programs (M.Tech. Construction Technology and Management, M.Tech. Computer Science and Engineering) to align with RESOLUTION: 64/SENATE/2024/3b(i).**

**Heads of the Departments are advised to set right the deviation and Chairperson Senate is authorized to approve.**

Approved Curriculum Template in 64 <sup>th</sup> Senate			M.Tech. (Construction Technology and Management)			Remarks
Components and Number of Courses	Number of Credits	Total Credits	Components and Number of Courses	Number of Credits	Total Credits	
Programme Core (PC) 3 / Semester 6 / year	42	48	PC 4 in Semester I 3 in Semester II 7 / year	27	48	The total number of credits for PC, PE and OE/OC components has been maintained as 48 and matched with an approved template.
Programme Elective (PE) 3 / Semester 6 / Year			PE 2 in Semester I 3 in Semester II 5 / year			
Open Elective (OE) / Online Course (OC)	6		Based on selection of PE credits	1-6		

Approved Curriculum Template in 64 <sup>th</sup> Senate	M.Tech. (Computer Science and Engineering)	Remarks
Components and Number of Courses Programme Core (PC) 3 / Semester 6 / year	Components and Number of Courses 4 in Semester I 2 in Semester II 6 / year	The Number of Programme Core (PC) courses has been maintained as 6 / Year and matched with an approved template.

<b>4.</b>	<b>Request from student Department of Electrical and Electronics Engineering</b>		
The following student requested an extension for one academic year (till May 2025) to complete the respective B.Tech. programme.			
<b>Sl. No.</b>	<b>Department</b>	<b>Student name with Roll number</b>	<b>Request details</b>
1.	Electrical and Electronics Engineering	Riba Bagra / 107118081 (B.Tech 2018-2022 batch)	Extension beyond 6 years. Request to do formative assessment, winter redo 2024 and summer redo 2025 to complete backlog courses such as: 3 'F' grade, One V grade and one incomplete course
The Dean (Academic) presented the details of the student to the Senate for approval. The Senate agreed to grant an extension of two semesters, until the end of May 2025, for the B.Tech. student to complete the pending courses.			
<b>RESOLUTION</b> <b>66/SENATE/2024/4</b>		<b>RESOLVED THAT the request of Riba Bagra (107118081) for a 12-month extension, until the end of May 2025, to complete the pending courses be approved.</b>	
<b>5.</b>	<b>Ratified Items</b>		
<b>Eligibility criteria for B.Sc. B.Ed. Admission</b>			
As per the NCTE Gazette notification dated 26 <sup>th</sup> October 2021, the minimum eligibility for admission to the B.Sc. B.Ed. (ITEP) program is specified as 50% aggregate marks in the +2 examination. However, in the 63 <sup>rd</sup> Senate meeting, the eligibility criteria were set at 60% for GEN/GEN-EWS/OBC-NCL candidates and 55% for SC/ST/PwD candidates. Following guidance from NCTE orientation meetings to adhere to the Gazette guidelines for the admission process, the revised eligibility criteria for the B.Sc. B.Ed. (ITEP) 2024-25 have been proposed. The Chairperson, Senate approved these revised criteria and placed for Senate ratification.			
<b>RESOLUTION</b> <b>66/SENATE/2024/5</b>		<b>RESOLVED THAT the decision to adopt the revised eligibility criteria for B.Sc. B.Ed. admission for the academic session 2024-25.</b>	
<b>6.</b>	<b>Any other items</b>		
<b>Joint programmes between NIT, Tiruchirappalli and Illinois Institute of Technology: Illinois Tech, USA</b>			
The Dean (Academic) presented the details of the Joint programmes between NIT, Tiruchirappalli and Illinois Institute of Technology: Illinois Tech, USA to the Senate. The Senate suggested to develop a structure and guidelines for the Joint programmes between NIT, Tiruchirappalli and Illinois Institute of Technology: Illinois Tech, USA, and to present these for approval at the next Senate meeting.			
<b>RESOLUTION</b> <b>66/SENATE/2024/6</b>		<b>RESOLVED THAT the structure and guidelines for the Joint programmes between NIT, Tiruchirappalli and Illinois Institute of Technology: Illinois Tech, USA, shall be presented for approval at the forthcoming Senate meeting.</b>	
<b>The Meeting concluded with thanks to the Chair.</b>			

*N. Dhand*

Secretary, Senate

*Shub*  
Chairperson, Senate