



No: Dean(Acad)/IAAC/ 509 /2024-25

Date: 05/08/2025

The minutes of the 70th meeting of the Institute Academic Advisory Committee (IAAC)

The aforesaid meeting was held on 18th July 2025, 3:00 pm onwards in the Institute Conference room, first floor, Old Administrative Building. The following members attended the IAAC meeting.

	Chairman		
1	Prof. AnupamShukla, Director		
	Members		
2	Prof. H. R. Jariwala, Dean (FW)	14	Dr. D. R. Roy, Head, DoP
3	Prof. U. D. Dalal, Dean (A&RG)	15	Dr. J. M. Dhodiya, Head, DoM
4	Prof. J. K. Parikh, Dean (R&C)	16	Dr. UrvashiKaushal, Head, DoHSS
5	Prof. S. R. Patel, Dean (SW)	17	Dr. B. Kondraivendhan, Asso. Dean (FW)
6	Prof. Ravi Kant, Dean (P&D)	18	Dr. K.P. Upla, Asso. Dean (FW)
7	Prof. Tanmoy Hazra, Head, DoAI	19	Dr. S. N. Shah, Asso. Dean (SW)
8	Prof. M. A. Desai, Head, DoChE	20	Dr. V. K. Patel, Asso. Dean (Academic)
9	Dr. S.J. Patel, Head, DoCSE	21	Dr. V.D. Kalyankar, Asso. Dean (Academic)
10	Prof. P. B. Darji, Head, DoEE	22	Dr. H.G. Patel, Asso. Dean (Academic)
11	Dr. Shilpi Gupta, Head, DoECE	23	Prof. P. N. Patel, Asso. Dean (R&C)
12	Prof. P. V. Bhale, Head, DoME	24	Dr. AbhishekAcharya, Asso. Dean (R&C)
13	Prof. B.Z. Dholakiya, Head, DoC	25	Dr. N. D. Jariwala, Asso. Dean (D&P)
	Member Secretary		
26	Prof. Ashish Dhamaniya, Dean(Academic)		

The following could not attend the meeting.

1	Prof. A.K. Panchal, Head, DoMS	6	Prof. S. R. Arya, Asso. Dean (P&D)
2	Prof. V.L. Manekar, Head, DoCE	7	Prof. H. K. Dave, Asso. Dean (A&RG)
3	Dr. Y.D. Patil, Asso. Dean (SW)	8	Dr. H. P. Bulsara, Asso. Dean (A&RG)
4	Dr. R. Maurya, Asso. Dean (SW)	9	Dr. R.D. Shah, Asso. Dean (R&C)
5	Dr. G. R. Vesmawala, Asso. Dean (P&D)	10	Shri Kamlabh Kumar Singh, I/c. Registrar

At the outset, the Chairman, IAAC welcomed all the members present in the meeting. The following agenda items were taken up for the discussion.

Signature

Items and Resolutions

Item and Reso.	Agenda Item
Item 70.01	To inclusion the subject Standardization in Engineering (CH377) as Institute Elective in B.Tech-III in Department of Chemical Engineering. [Ref: Department of Chemical Engineering; Reso. No. 2, 124 th DAAC meeting, May8, 2025;].
Reso.70.01	Resolved to recommend the proposal of the Department of Chemical Engineering to the Senate to include the subject Standardization in Engineering (CH377) as Institute Elective in B.Tech-III (Annexure 70.01) with effective from 2025-26.
Item 70.02	To include of new degrees (i) B.S. in Chemical Engineering (Four years Degree Course) and (ii) B.S. in Chemical Technology (Four Years Degree Course) for admission in M.Tech. Chemical Engineering through CCMT 2025. [Ref: Department of Chemical Engineering; Reso. No. 3.2, 124 th DAAC meeting, May8, 2025].
Reso.70.02	Resolved to recommend the proposal of the Department of Chemical Engineering to the Senate to include of new degrees (i) B.S. in Chemical Engineering (Four years Degree Course) and (ii) B.S. in Chemical Technology (Four Years Degree Course) for admission in M.Tech. Chemical Engineering through CCMT 2025.
Item 70.03	To consider scheme and curriculum of Executive M.Tech. Program "Infrastructure Engineering and Management" in Department of Civil Engineering. [Ref: Department of Civil Engineering; Reso. No. 79.3, 79 th DAAC meeting, May15, 2025].
Reso.70.03	Item defers.
Item 70.04	To consider the list of NPTEL / SWAYAM courses for M.Tech Executive, M.Tech. and Ph.D. programme of Department of Civil Engineering. [Ref: Department of Civil Engineering; Reso. No. 79.4, 79 th DAAC meeting, May15, 2025].
Reso.70.04	Resolved to recommend the proposal of the Department of Civil Engineering to the Senate to consider the list of NPTEL / SWAYAM courses for M.Tech. and Ph.D. programme. Furthermore, resolved that only the courses of either 8 weeks or 12 weeks will be considered for credit counts. It is also resolved that the list of courses offered by NPTEL/SWAYAM is dynamic in each session and therefore Departmental Academic Advisory Committee (DAAC) may recommend suitable courses at the beginning of each semester and get it approved by the committee constituted by the Dean Academic. This will be applicable of all the departments offering MOOC courses offered by NPTEL/SWAYAM or any other portal approved by the institute.
Item 70.05	To consider an addition of qualifying degrees with GATE paper mapping for M.Tech. program as per the request mail received from CCMT 2025 for Department of Civil Engineering. [Ref: Department of Civil Engineering; Reso. No. 79.9, 79 th DAAC meeting, May15, 2025].
Reso. 70.05	Resolved to recommend the proposal of the Department of Civil Engineering to the Senate to consider an addition of qualifying degrees with GATE paper mapping (Annexure 70.05) for admission in M.Tech. program through CCMT 2025.
Item 70.06	To consider the scheme and syllabus of 3 (Three) M.Tech. for working Professional program of Department of Civil Engineering. 1) M.Tech. for working Professional (WRE)

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	<p>2) M.Tech. for working Professional (SE) 3) M.Tech. for working Professional (TEP) [Ref: Department of Civil Engineering; Reso. No. 81.2, 81st DAAC meeting, July 11, 2025].</p>
Reso. 70.06	<p>Resolved to recommend the proposal of the Department of Civil Engineering to the Senate to consider the scheme and syllabus of 3 (Three) M.Tech. for working Professional program (1) M.Tech. for working Professional (Water Resource Engineering) (Annexure 70.6A) (2) M.Tech. for working Professional (Structural Engineering) (Annexure 70.6B) (3) M.Tech. for working Professional (Transportation Engineering and Planning) (Annexure 70.6C).</p> <p>Further, Head of the Department advised to prepare a scheme and syllabus as per scheme approved for M.Tech. for working professional in 64th meeting of the Senate held on April 24, 2025; Reso. 64.04 sub item 69.19.</p>
Item 70.07	<p>To consider offering of new courses AI for Robotics (CSCS120) as Core Elective 1 or 2 and Motion Analytics (CSCS127) as Core Elective 3 or 4 in M.Tech. Computer Science and Engineering and in M.Tech. Data Science w.e.f 2025-26 in Department of Computer Science and Engineering. [Ref: Department of Computer Science & Engineering; Reso. No.3, DAAC meeting, April 21, 2025].</p>
Reso. 70.07	<p>Resolved to recommend the proposal of the Department of Computer Science and Engineering to the Senate to consider offering of new courses, AI for Robotics (CSCS120) as Core Elective 1 or 2 and Motion Analytics (CSCS127) as Core Elective 3 or 4 in M.Tech. Computer Science and Engineering and in M.Tech. Data Science (Annexure 70.7) w.e.f 2025-26.</p>
Item 70.08	<p>To consider list of MOOC courses for B.Tech and M.Tech students of Department of Computer Science and Engineering. [Ref: Department of Computer Science & Engineering; Reso. No.1, DAAC meeting, June26, 2025].</p>
Reso. 70.08	<p>Resolved to recommend the proposal of the Department of Computer Science and Engineering to the Senate to consider list of MOOC courses (Annexure 70.8) for M.Tech students.</p> <p>Furthermore, resolved that only the courses of either 8 weeks or 12 weeks will be considered for credit counts. It is also resolved that the list of courses offered by NPTEL/SWAYAM is dynamic in each session and therefore Departmental Academic Advisory Committee (DAAC) may recommend suitable courses at the beginning of each semester and get it approved by the committee constituted by the Dean Academic.</p> <p>This will be applicable of all the departments offering MOOC courses offered by NPTEL/SWAYAM or any other portal approved by the institute.</p>
Item 70.09	<p>To consider offering a new core elective course Nature Inspired Computing in B.Tech.-III students of Department of Computer Science and Engineering. [Ref: Department of Computer Science & Engineering; Reso. No.2, DAAC meeting, June26, 2025].</p>
Reso. 70.09	<p>Resolved to recommend the proposal of the Department of Computer Science and Engineering to the Senate to consider offering a new core elective course Nature Inspired Computing (Annexure 70.9) in B.Tech.-III students w.e.f. 2025-26.</p>
Item 70.10	<p>To consider the list of NPTEL subjects for Ph.D. coursework (odd semester 2025-26). [Ref: Department of Artificial Intelligence; Reso. No.1, DAAC meeting, July 4, 2025].</p>
Reso. 70.10	<p>Resolved to recommend the proposal of the Department of Artificial Intelligence to the Senate to consider the list of NPTEL subjects (Annexure 70.10) for Ph.D. coursework (odd semester 2025-26).</p> <p>Furthermore, resolved that only the courses of either 8 weeks or 12 weeks will be considered for credit counts. It is also resolved that the list of courses offered by NPTEL/SWAYAM is</p>

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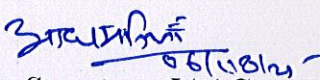
	<p>dynamic in each session and therefore Departmental Academic Advisory Committee (DAAC) may recommend suitable courses at the beginning of each semester and get it approved by the committee constituted by the Dean Academic.</p> <p>This will be applicable of all the departments offering MOOC courses offered by NPTEL/SWAYAM or any other portal approved by the institute.</p>
Item 70.11	<p>To consider M.Tech. Program (VLSI & Embedded Systems) scheme for Working Professionals to be offered 2025-26 in Department of Electronics Engineering.</p> <p>[Ref: Department of Electronics Engineering; Reso. No. 1, 99th DAAC meeting, July 4, 2025].</p>
Reso. 70.11	<p>Resolved to recommend the proposal of the Department of Electronics Engineering to the Senate to consider the scheme (Annexure 70.11) of M.Tech. Program (VLSI & Embedded Systems) for Working Professionals w.e.f 2025-26.</p> <p>Further, Head of the Department advised to prepare a scheme and syllabus as per scheme approved for M.Tech. for working professional in 64th meeting of the Senate held on April 24, 2025; Reso. 64.04 sub item 69.19.</p>
Item 70.12	<p>To approve proposal and syllabus for Minor degree in Drone Technology, B.Tech. for Department of Electronics Engineering.</p> <p>[Ref: Department of Electronics Engineering; Reso. No. 2, 99th DAAC meeting, July 4, 2025].</p>
Res. 70.12	<p>Resolved to recommend the proposal of the Department of Electronics Engineering to the Senate to approve syllabus (Annexure 70.12) for Minor degree in Drone Technology, for all B.Tech. programmes.</p>
Item 70.13	<p>To approve syllabus of Fundamental of Computer and Programming (VL103/EC103) for Department of Electronics Engineering.</p> <p>[Ref: Department of Electronics Engineering; Reso. No. 2, 99th DAAC meeting, July 4, 2025].</p>
Reso. 70.13	<p>Resolved to recommend the proposal of the Department of Electronics Engineering to the Senate to approve syllabus (Annexure 70.13) of Fundamental of Computer and Programming (VL103/EC103) offering w.e.f 2025-26.</p>
Item 70.14	<p>To consider the amendments/addition in the syllabus of MBA in Business Analytics.</p> <p>[Ref: Department of Management Studies; Reso. No. 1, DAAC meeting, May 20, 2025].</p>
Reso. 70.14	<p>Resolved to recommend the proposal of the Department of Management Studies to the Senate to consider the amendments/addition in the syllabus of MBA in Business Analytics.</p>
Item 70.15	<p>To revise the Vision and Mission of Department of Humanities and Social Science.</p> <p>[Ref: Department of Humanities and Social Science; Reso. No. 9.6, 9th DAAC meeting, June 27, 2025;</p> <p>Vision: Envisions to foster linguistic competence, critical thinking and interdisciplinary research in order to provide holistic insights into human experiences, societies and cultures.</p> <p>Mission: Aim to make significant contribution through our teaching, research and community engagement, while successfully addressing societal challenges and cultivating a more just, inclusive and sustainable world.</p>
Reso. 70.15	<p>Resolved to recommend the proposal of the Department of Humanities and Social Science to Senate to revise the Vision and Mission.</p>
Item 70.16	<p>To include XX & NA grade in non-credit subjects along with NP and NF.</p>
Reso. 70.16	<p>Resolved to recommend the proposal to the Senate to include XX & NA grade in non-credit subjects along with NP and NF.</p>
Item 70.17	<p>To consider the teaching scheme for the M.Tech. in Power Electronics and Electrical Drives for Working Professionals in Department of Electronics Engineering.</p> <p>[Ref: Department of Electrical Engineering; Reso. No. 1, 85th DAAC meeting, July 14, 2025].</p>

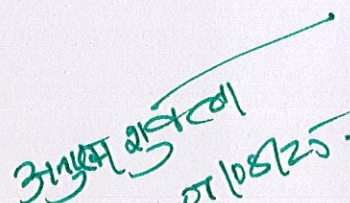
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Reso. 70.17	<p>Resolved to recommend to the Senate the proposal submitted by the Department of Electrical Engineering for consideration of the scheme (Annexure 70.17) of the M.Tech. Program in Power Electronics and Electrical Drives for Working Professionals.</p> <p>Further, the Head of the Department was advised to prepare the detailed scheme and syllabus in alignment with the structure approved for the M.Tech. Program for Working Professionals as per Senate Resolution 64.04, sub-item 69.19, adopted in the 64th meeting held on April 24, 2025.</p>
Item 70.18	To consider the committee report to review the academic regulation for dual M.Tech. and Ph.D. degrees and direct B.Tech. to Ph.D.
Reso. 70.18	Resolved to recommend to the Senate to consider the committee report (Annexure 70.18) to review the academic regulation for dual M.Tech. and Ph.D. degrees and direct B.Tech. to Ph.D. admission.
Item 70.19	<p>To consider list of MOOC courses for B.Tech –III (Semester V) for Academic Year 2025-26 for Department of Chemical Engineering.</p> <p>[Ref: Department of Chemical Engineering; Reso. No. 1, 125th DAAC meeting, July 10, 2025].</p>
Reso. 70.19	<p>Resolved to recommend the proposal of the Department of Chemical Engineering to the Senate to consider list (Annexure 70.19) of MOOC courses for B.Tech–III (Semester V) for Academic Year 2025-26.</p> <p>Furthermore, resolved that only the courses of either 8 weeks or 12 weeks will be considered for credit counts. It is also resolved that the list of courses offered by NPTEL/SWAYAM is dynamic in each session and therefore Departmental Academic Advisory Committee (DAAC) may recommend suitable courses at the beginning of each semester and get it approved by the committee constituted by the Dean Academic.</p> <p>This will be applicable of all the departments offering MOOC courses offered by NPTEL/SWAYAM or any other portal approved by the institute.</p>
Item 70.20	<p>To consider list of MOOC courses for M.Tech –II (Semester III) for Academic Year 2025-26 for Department of Chemical Engineering.</p> <p>[Ref: Department of Chemical Engineering; Reso. No. 2, 125th DAAC meeting, July 10, 2025].</p>
Reso. 70.20	<p>Resolved to recommend the proposal of the Department of Chemical Engineering to the Senate to consider list (Annexure 70.20) of MOOC courses for M.Tech –II (Semester III) for Academic Year 2025-26.</p> <p>Furthermore, resolved that only the courses of either 8 weeks or 12 weeks will be considered for credit counts. It is also resolved that the list of courses offered by NPTEL/SWAYAM is dynamic in each session and therefore Departmental Academic Advisory Committee (DAAC) may recommend suitable courses at the beginning of each semester and get it approved by the committee constituted by the Dean Academic.</p> <p>This will be applicable of all the departments offering MOOC courses offered by NPTEL/SWAYAM or any other portal approved by the institute.</p>
Item 70.21	<p>To consider GPAT/GAT-B exam in addition to GATE/NET exam for Ph.D. admission in the Department of Chemical Engineering under FIR category.</p> <p>[Ref: Department of Chemical Engineering; Reso. No. 4, 125th DAAC meeting, July 10, 2025].</p>
Reso. 70.21	Resolved to recommend the proposal of the Department of Chemical Engineering to the Senate to GPAT/GAT-B exam (Annexure 70.21) in addition to GATE/NET exam for Ph.D. admission under FIR category.

Signature

	<i>Item from Chair</i>
Item 70.22	To discuss requirement of visiting professor in various department.
Reso.70.22	Requirement of the visiting professor will be prepared by the institute well in advance and submit to the Dean Academic. Upon approval from the competent authority, respective departments will be issued an approval for the visiting professor. Department will do the formal procedure by constituting a committee and recommend the name of visiting professor along with relevant document.
Item 70.23	To discuss proposal from BIS for various UG & PG projects
Reso.70.23	Resolved to recommend the proposal of BIS to the Senate. It is also resolved to form department level chapters to carry out projects. It is also resolved to appoint Nodal officer for this BIS funded project in Institute and coordinator in all department.
Item 70.24	Formation of Research Groups within the department and across the department
Reso.70.24	In order to enhance research output by fostering innovation, interdisciplinary collaboration, and academic excellence, it is proposed to establish research groups both within and across departments. It is resolved to constitute a committee to define the broad objectives and scope of these research groups. Based on the recommendations of the committee, the competent authority will notify the formal formation of research groups at both intra-departmental and inter-departmental levels.


Member-Secretary, IAAC


Director