SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

SVNIT

No: Dean (Acad)/IAAC/2024-25   **Date: 12/12/2024**

The minutes of the 68th meeting of the Institute Academic Advisory Committee (IAAC)

The aforesaid meeting was held on 25th November 2024, 11:00 am onwards in the Institute Conference room, first floor, Administrative Building. The following members attended the IAAC meeting.

	Chairman		
1	Prof. Anupam Shukla, Director		
	Members		
2	Dr. Pramod Mathur, Registrar	14	Prof. K. P. Desai, Head, DoMS
3	Prof. S. N. Sharma, Dean (FW)	15	Shri R. P. Gohil, I/C Head, DoAI
4	Prof. J. K. Parikh, Dean (R&C)	16	Prof. B.Z. Dholakiya, Head, DoC
5	Prof. U. D. Dalal, Dean (A&RG)	17	Dr. D. R. Roy, Head, DoP
6	Prof. S. R. Patel, Dean (SW)	18	Dr. J. M. Dhodiya, Head, DoMS
7	Prof. S. S. Arkatkar, Dean (P&D)	19	Dr. Urvashi Kaushal, Head, DoHSS
8	Prof. M. A. Desai, Head, DoCHE	20	Dr. V. K. Patel, Asso. Dean (Academic)
9	Prof. G. J. Joshi, I/C. Head, DoCE	21	Dr. R. K. Jana, Asso. Dean (Academic)
10	Prof. M. A. Zaveri, Head, DoCSE	22	Prof. P. N. Patel, Asso. Dean (R&C)
11	Prof. P. B. Darji, Head, DoEE	23	Dr. N. D. Jariwala, Asso. Dean (R&C)
12	Prof. J. N. Sarvaiya, Head, DoECE	24	Dr. R. K. Maurya, Asso. Dean (SW)
13	Prof. A. A. Shaikh, Head, DoME	25	Dr. Bade Mukund H., Head, CTTD
	Member Secretary		
26	Prof. Ravi Kant, Dean (Academic)		

The following could not attend the meeting.

1	Prof. H. R. Jariwala, Assoc. Dean (Acad.)	6	Dr. B. Kondraivendhan, Asso. Dean (FW)
2	Dr. G. R. Vesmawala, Assoc. Dean (P&D)	7	Prof. H. K. Dave, Assoc. Dean (A&RG)
3	Prof. S. R. Arya, Assoc. Dean (P&D)	8	Dr. H. P. Bulsara, Assoc. Dean (A&RG)
4	Dr. M. K. Rathod, Asso. Dean (R&C)	9	Dr. S. N. Shah, Asso. Dean (SW)
5	Dr. Sushil Kumar, Assoc. Dean (FW)		

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

Items and Resolutions

Item and Reso.	Agenda Item
Item 68.01	To consider the Scheme & Syllabus of B.Tech. 3rd and 4th year by the departments as per NEP 2020.
Reso. 68.01	The IAAC discussed the proposed scheme and syllabus for the B.Tech. 3rd and 4th Year programs, in alignment with the provisions and guidelines outlined in the National Education Policy (NEP) 2020 with flexibility, multidisciplinary education, and skill-based learning to ensure that students receive an education that is relevant, industry-focused, and in line with global educational standards. After deliberations, it was; **Resolved to recommend the proposal of the Department of Chemical Engineering, Department of Civil Engineering, Department of Electronics Engineering, Department of Electrical Engineering, and Department of Mechanical Engineering to the Senate to approve the Scheme & syllabus of B.Tech. 3rd and 4th year as per NEP 2020. Head of Departments are requested to review the scheme and syllabus with respect to the inclusivity of the course objectives, comprehensive coverage of subject, up-to-date references and uniform subject codes aligned with the Academic regulation.** **Further, it was resolved to recommend the proposal to the Senate to rename the elective as Institute Electives each at 5th and 6th Semesters at the 3rd Year level for the students admitted during A.Y. 2023-2024.** **Further, it was resolved to recommend the proposal of the Department of Computer Science and Engineering to the Senate to approve the courses as Institute Electives each at 5th and 6th Semesters at the 3rd Year level.** **Further, it was also resolved to include One compulsory MOOC course from Swayam-NPTEL Portal of 3/4 credits at the 3rd Year level with effect from the Academic Year 2024-25. The students should have the option to complete the MOOC course at the 5th or 6th Semesters. The committee at the Department level to be constituted by respective Head of Departments to decide the courses and facilitate the students.** **The final scheme & syllabus needs to be submitted to the Dean Academic before the upcoming Senate.**
Item 68.02	To consider the Scheme & Syllabus of M.Sc. 3rd to 5th year of 5 years M.Sc. Integrated Program as per NEP 2020.
Reso. 68.02	The IAAC considered the curriculum for the 3rd to 5th years of the 5-year M.Sc. Integrated Program in alignment with the National Education Policy (NEP) 2020. The scheme and syllabus must be aligned with academic standards, industry demands, and emerging trends in the respective fields of study. After deliberations, it was; **Resolved to recommend the proposal of the Department of Mathematics, Department of Chemistry and Department of Physics to approve the Scheme & Syllabus of M.Sc. 3rd to 5th year of 5 years M.Sc. Integrated Programs as per NEP 2020. Head of Departments are requested to review the scheme and syllabus with respect to the inclusivity of the course objectives, comprehensive coverage of subject, up-to-date references and uniform subject codes aligned with the Academic regulation. Further, resolved to rename the elective as Institute Electives each at 5th**

	and 6th Semesters at the 3rd Year level for the students admitted during A.Y. 2023-2024. Further, it was also resolved to include One compulsory MOOC course from Swayam-NPTEL Portal of 3/4 credits at the 3rd Year level with effect from the Academic Year 2024-25. The students should have the option to complete the MOOC course at the 5th or 6th Semesters. The committee at the Department level to be constituted by respective Head of Departments to decide the courses and facilitate the students. **The final scheme & syllabus needs to be submitted to the Dean Academic before the upcoming Senate.**
Item 68.03	To consider the Scheme & Syllabus of B.Tech (Minor) and B.Tech (Hons.) year by the departments as per NEP 2020.
Reso. 68.03	The request was made during the 59th meeting of the Senate held on October 12, 2023 to the Heads of Departments (HODs) of the concerned departments to prepare a detailed syllabus for both the B.Tech (Minor) and B.Tech (Honors) programs. During the 61st meeting of the Senate held on April 30, 2024, it was resolved that the B.Tech (Minor) program would be offered only if a minimum of 15 students enrolled in the program. The IAAC discussed about the received scheme & syllabus of B.Tech (Minor) and B.Tech (Hons.) from the various departments. After deliberations, it was; **Resolved to recommend the proposal of the Department of Artificial Intelligence, Department of Chemical Engineering, Department of Civil Engineering, Department of Computer Science & Engineering, Department of Electrical Engineering, Department of Electronics Engineering, and Department of Mechanical Engineering to the Senate for approval of the scheme and syllabus of the Honors programs offered by these departments, alongside the B.Tech degree, for their students.** **Further, resolved to recommend the proposal of the Department of Chemical Engineering, Department of Civil Engineering, Department of Electrical Engineering, Department of Electronics Engineering, and Department of Mechanical Engineering to the Senate for approval of the scheme and syllabus of the Minor Degree programs offered by these departments, alongside the B.Tech degree, for students from other engineering departments.** **Further, resolved to recommend to the Senate to approve the credit structure for the Minor Degree and Honors programs, which will include a total of 18 to 20 credits for the Minor or Honors program. Also, inclusion of 2 credits for the Mini Project in the Seventh Semester to meet the Minimum Credit requirements (18 credits). The students may have the option to choose either the Minor Degree or the Honors program based on their preference.** **Head of Departments are requested to review the scheme and syllabus with respect to the inclusivity of the course objectives, comprehensive coverage of subject, up-to-date references and uniform subject codes aligned with the Academic regulation. The final scheme & syllabus needs to be submitted to the Dean Academic before the upcoming Senate.**
Item 68.04	To consider the syllabus of MBA First Year, Second semester. [Ref: Department of Management Studies; Reso. No.1, 3rd DAAC meeting, November 11, 2024]

Reso. 68.04	**Resolved to recommend the proposal of Department of Management Studies to the Senate to approve the Syllabi of the 2nd semester for the MBA –I for the students admitted during the Academic Year 2024-25 onwards (*Annexure 68.4*).**
Item 68.05	To consider the procedural recommendation for selection of candidate for Best Teacher Award.
Reso. 68.05	**Resolved to circulate to the Head of Departments for the discussion at the department level for the inputs with time limit of 10 days.** **Further, resolved to recommend the proposal to the Senate along with the inputs (*Annexure 68.5*).**
Item 68.06	An 'addition' of co-supervisor for Ph.D. Students at the various Departments.

Deptt.	Name of Student	Existing arrangement	Proposed arrangement	Reference (DAAC)
DoChE	Unnatikumari Patel (D24CH002)	Dr. S.K. Sunder Asst. Prof., DoChE	1. Dr. S.K. Sunder Asst. Prof., DoChE 2. Prof. Jigisha Parikh Professor, DoChE	25/09/24
DoCE	Vishal R. Patel (D23CE005)	Dr. S.S. Arkatkar Professor, DoCE	1. Dr. S.S. Arkatkar Professor, DoCE 2. Dr. Said Easa Professor, Toronto Metropolitan University, Canada.	20/09/24
	Sneha Elangbam (DS23CE004)	Dr. Shailendra Kumar Asso. Prof., DoCE	1. Dr. Shailendra Kumar Asso. Prof., DoCE 2. Dr. Rakesh Kumar Professor, DoCE	20/09/24
	VishalKumar Thakarya (D23CE006)	Dr. S. R. Suryawanshi Asso. Prof., DoCE	1. Dr. S.R. Suryawanshi Asso. Prof., DoCE 2. Dr. Vishwas A. Sawant Professor, IIT, Roorkee	20/09/24
DoCSE	Geeta Sarpate (D24CS003)	Dr. Alok Kumar Asst. Prof., DoCSE	1. Dr. Alok Kumar Asst. Prof., DoCSE 2. Dr. Rohan Pande Asst. Prof., DoME	31/7/24
	Dalwadi Dhruv Nileshkumar ((D24CS005)	1. Dr. Anurag Jain Asst. Prof., DoCSE 2. Prof. M.A. Zaveri Professor, DoCSE	1. Dr. Anurag Jain Asst. Prof., DoCSE 2. Prof. M.A. Zaveri Professor, DoCSE 3. Dr. Bimal K Bhattacharya Group Director (AESG), ISRO	4/09/24
DoC	Hiren Busa (D22CY004)	Dr. B.Z. Dholakiya Professor, DoC	1. Dr. B.Z. Dholakiya Professor, DoC 2. Dr. Sanjay L. Vasoya Asst. Vice President-R&D Ami Organics Ltd., Sachin, GIDC, Surat	13/6/24

Item 68.06	**Resolved to recommend the proposal of the Department of Chemical Engineering, Department of Civil Engineering, Department of Computer Science & Engineering and Department of Chemistry to the Senate to consider the request for an 'addition' of co-supervisor for Ph.D. Students as mentioned as above.**

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	Further, resolved to recommend to the Senate that in order to avoid delay and to have prompt decision for the cases like an addition of co-supervisor and Change of Guide as per the academic regulations, it was decided that such cases may be dealt through a committee constituted by the Chairman Senate. After the recommendation of the respective Department Academic Committee (DAAC) the same will be scrutinised by this committee and will recommend to the Chairman Senate for approval. Such changes will be effective from the date of approval by the Chairman Senate and need not to be placed before IAAC and may be reported to the Senate only for noting purposes.
Item 68.07	To consider a request to change the Ph.D. Supervisor at Department of Civil Engineering

Deptt.	Name of Student	Existing arrangement	Proposed arrangement	Reference (DAAC)
DoCE	V.H. Agarkar (DS23CE005)	Dr. Kashyap A. Patel Dr. Atul K. Desai	Dr. Banti A. Gedam Dr. Atul K. Desai	20/9/24
	Gaurav Sharma (DS20CE005)	Dr. S. R. Suryawanshi Asso. Prof., DoCE	Dr. C.D. Modhera Professor, DoCE	20/9/24

Reso. 68.07	**Resolved to recommend the proposal of the Department of Civil to the Senate to consider a request to change the supervisor with effect from date of approval of Senate. The details are as follows:**

Students' Name	Proposed Supervisor
V.H. Agarkar (DS23CE005)	1. Dr. Banti A. Gedam 2. Dr. Atul K. Desai
Gaurav Sharma (DS20CE005)	Dr. C.D. Modhera

Item 68.08	To consider the request to extend the thesis submission for Ph.D. students at the various Department.

Deptt.	Name of Student	Name of Supervisor	For the Period	Reference (DAAC)
DoECE	Krupali Umaria (D17EC010)	Dr. S.N. Shah	06 months	19/07/24
DoP	Atul D. Watpade (DS17PH003)	Dr. D.V. Shah	Synopsis submission 1 month & Thesis submission 6 month	20/11/24

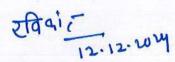|	
Reso. 68.08	**Resolved to recommend the proposal of the Department of Electronics Engineering and Department of Physics to the Senate to consider the extension of the Ph.D. duration only for the Six (06) Months to Krupali Umaria (D17EC010) and Atul D. Watpade (DS17PH003), a Ph.D. student working under the supervision of Dr. S. N. Shah and Dr. D. V. Shah respectively.**
Item 68.09	To consider the new proposed elective subject, into the B.Tech course of Chemical Engineering for the students admitted during the Academic Year 2023-24 onwards. 1) Lean Six Sigma (CH263) in 4th semester, B.Tech –II 2) Life Cycle Assessment (CH371) in 6th Semester, B.Tech-III [Ref: Department of the Chemical Engineering; Reso. No. 1, 117th DAAC meeting, September 25, 2024]
Reso. 68.09	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider Lean Six Sigma (B.Tech 2nd Year) and Life Cycle Assessment (B.Tech 3rd Year) for the students admitted during the Academic Year 2023-24 onwards (Annexure 68.9.)**

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Item 68.10	To consider the modified syllabus of the subject 'Sustainable Development Goals (CHCH126)' offered in M.Tech. 1st Year, 2nd Semester. [Ref: Department of the Chemical Engineering; Reso. No. 2, 117th DAAC meeting, September 25, 2024]
Reso. 68.10	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider the modified syllabus of the subject 'Sustainable Development Goals' offered in M.Tech. 1st Year, 2nd Semester for the students admitted during the Academic Year 2024-25 onwards (_Annexure 68.10_).**
Item 68.11	To consider a request to shift the subject 'Smart Polymers (CHCH113)' of M.Tech. 1st Year, 1st Semester from Open Elective to Core Elective with a change in the subject code (CHCH178). [Ref: Department of the Chemical Engineering; Reso. No. 7.1, 117th DAAC meeting, September 25, 2024]
Reso. 68.11	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider a request to shift the subject 'Smart Polymers' of M.Tech 1st Year, 1st Semester from Elective to Institute Elective M.Tech. 1st Year, 2nd Semester for the students admitted during the Academic Year 2024-25 onwards.**
Item 68.12	To consider the new proposed Core Elective subject Biomass Conversion and Biorefinery (CH359) and Life Cycle Assessment (CH371) in B.Tech 3rd Year, 6th Semester in the old scheme (Effective for Batch 2020 onwards) with the change in subject codes. The new subject code for Biomass Conversion and Biorefinery is (CH354) and for Life Cycle Assessment is (CH356). [Ref: Department of the Chemical Engineering; Reso. No. 7.2, 117th DAAC meeting, September 25, 2024]
Reso. 68.12	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider the new proposed Core Elective 'Biomass Conversion and Biorefinery' and 'Life Cycle Assessment' in B.Tech 3rd Year, 6th Semester in the old scheme under Core Elective - 2 (for the students admitted during A.Y. 2022-23) (_Annexure 68.12_).**
Item 68.13	To consider a request to shift the core elective subject Design of Experiments (CH447) in the old scheme with modification in the scheme and syllabus and with a change in the subject code (New subject code CH358).

Name of Subject	Current Semester	Proposed Semester
Design of Experiments (CH447)	7th Sem., B.Tech-IV	6th Sem., B.Tech-III

	[Ref: Department of the Chemical Engineering; Reso. No. 7.3, 117th DAAC meeting, September 25, 2024]
Reso. 68.13	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider a request to shift the Core Elective subject 'Design of Experiments' for the students admitted during A.Y. 2022-23 with modification in the scheme and syllabus. (_Annexure 68.13_).**
Item 68.14	To consider the modified scheme and syllabus of the subject Advanced Process Control (CHCH112) offered in M.Tech. I (Semester II). [Ref: Department of the Chemical Engineering; Reso. No. 7.4, 117th DAAC meeting, September 25, 2024]
Reso. 68.14	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider the modified scheme and syllabus of the subject 'Advanced Process Control (CHCH112)' offered in M.Tech. 1st Year, 2nd Semester (_Annexure 68.14_).**

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Item 68.15	To consider the revision in admission criteria for the Ph.D. admission (Eligible Degree). B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Chemical Engineering & allied branches B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Mechanical Engineering, B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Civil Engineering, B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Environmental Engineering, B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Energy Engineering/ Technology, B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Electronics Engineering, B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Electrical Engineering, B.Sc. and M.Sc. (or integrated M.Sc.) B.Pharm and M.Pharm. [Ref: Department of the Chemical Engineering; Reso. No. 7.5, 117th DAAC meeting, September 25, 2024]
Reso. 68.15	The proposed criteria were discussed, and members had different views concerning the applicability of the B.Sc & M.Sc. Degree/ Integrated M.Sc. Degree as the eligible degree for admission to the PhD program in the Chemical Engineering Department. After deliberations, it was; **Resolved to form an Institute Level Committee to review the existing Eligibility Criteria concerning the qualifying degrees for Ph.D. admission across the Institute and propose the required modification to the upcoming Senate for approval.**
Item 68.16	To consider the modified syllabus of the subject Fundamentals of Computer and Programming (CS105) of B.Tech.-I, 2nd Semester. [Ref: Department of the Chemical Engineering; Reso. No. 1, 118th DAAC meeting, October 21, 2024]
Reso. 68.16	**Resolved to recommend the proposal of Department of Chemical Engineering to the Senate to consider the modified syllabus of the subject Fundamentals of Computer and Programming of B.Tech.-I, 2nd Semester (Annexure 68.16).** **The head of the Department of Chemical Engineering is requested to verify the Subject Code for the resolution 68.09, 68.11, 68.12, 68.13 and 68.16 as per the Academic Regulation to maintain uniformity in the subject coding before uploading the Scheme & Syllabus on the Institute Website and submitting a copy to the Examination Section.**
Item 68.17	To consider a request of Department of Civil Engineering for shifting Surveying-I (CE103) from 1st semester to 2nd semester as due to monsoon, it is very difficult to perform field practical. Due to shifting of Surveying-I (CE103) other changes are also necessary as mentioned below:

Course Code	Course Name	Current Semester	Proposed Semester
CE103	Surveying – I (3-0-2)	First	Second
CE207	Surveying – II (3-1-2)	Third	Fourth
CE106	Building Technology (3-0-2)	Second	First
CE206	Soil Mechanics (3-1-2)	Fourth	Third
	Advanced Geomatics Surveying (Elective)	Fourth	Fifth

Also consider the modified/ revise syllabus of Surveying-I (CE103), Surveying – II (CE207) and Advanced Geomatics Surveying (Elective).

[Ref: Department of the Civil Engineering; Reso. No. 71.9, 71st DAAC meeting, September 20, 2024]

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Reso. 68.17	Resolved to recommend the proposal of the Department of Civil Engineering to the Senate to consider the shifting of subjects of B.Tech (Civil Engineering) with effect from the Academic Year 2025-26 onwards a as mentioned below in;

Course Name	Current Semester	Proposed Semester
Surveying – I (3-0-2)	First	Second
Surveying – II (3-1-2)	Third	Fourth
Building Technology (3-0-2)	Second	First
Soil Mechanics (3-1-2)	Fourth	Third
Advanced Geomatics Surveying (Elective)	Fourth	Fifth

It was further resolved that the modified/ revised syllabus of 'Surveying-I,' 'Surveying – II,' and 'Advanced Geomatics Surveying' (Elective) be considered for recommendation to the Senate for approval *(Annexure 68.17).*

The head of the Department of Civil Engineering is requested to verify the Subject Code as per the Academic Regulation to maintain uniformity in the subject coding before uploading the Scheme & Syllabus on the Institute Website and submitting a copy to the Examination Section.

| Item 68.18 | To consider the request to shift the subject Machine Learning for Security (CSCS137) from Core Elective 1 & 2 to Core Elective 3 & 4 where the new subject code will be Machine Learning for Security (CSCS140).

[Ref: Department of the Computer & Science Engineering; Reso. No. 3 DAAC meeting, September 26, 2024] |
|---|---|
| Reso. 68.18 | Resolved to recommend the proposal of Department of Computer Science & Engineering to the Senate to consider the request to shift the subject 'Machine Learning for Security' from Core elective 1 & 2 to Core elective 3 & 4.

The head of the Department of Computer Science & Engineering is requested to verify the Subject Code as per the Academic Regulation to maintain uniformity in the subject coding before uploading the Scheme & Syllabus on the Institute Website and submitting a copy to the Examination Section. |
| Item 68.19 | To consider the syllabus of Vocational Training/Professional Experience (EEV04/EEP04) to be offered in 4th semester of B.Tech. (Electrical Engineering).

[Ref: Department of Electrical Engineering; Reso. No.2, 78th DAAC meeting, July 4, 2024] |
| Res. 68.19 | Resolved to recommend the proposal of Department of Electrical Engineering to the Senate to consider the syllabus of 'Vocational Training/Professional Experience' to be offered in 4th semester of B.Tech. (Electrical Engineering) applicable for the students admitted during the Academic Year 2023-24 onwards *(Annexure 68.19).*

The head of the Department of Electrical Engineering is requested to verify the Subject Code as per the Academic Regulation to maintain uniformity in the subject coding before uploading the Scheme & Syllabus on the Institute Website and submitting a copy to the Examination Section. |
| Item 68.20 | To consider the new syllabus for the subject of Applied Electrical and Electronics Engineering (EE106) for B.Tech-I, 2nd Semester proposed by Department of Electrical Engineering.

[Department of Mechanical Engineering; Reso. No. 76.4, 76th DAAC meeting, October 15, 2024]. |

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Reso. 68.20	**Resolved to recommend the proposal of Department of Mechanical Engineering to the Senate to consider the new syllabus for the subject of 'Applied Electrical and Electronics Engineering' (EE106) for B.Tech-I, 2nd Semester proposed by Department of Electrical Engineering for the students of B.Tech (Mechanical Engineering) admitted during A.Y. 2024-25 onwards _(Annexure 68.20)_.**
Item 68.21	To consider syllabus of additional subjects (i) Fundamentals of ASME Sec VIII (ii) Manufacturing Technology. [Department of Mechanical Engineering; Reso. No. 76.6.1, 76th DAAC meeting, October 15, 2024].
Reso. 68.21	Head of Department of Mechanical Engineering briefed about the courses on 'Fundamentals of ASME Sec VIII' and 'Manufacturing Technology' which will be taught as the mandatory vocational course for the students who were selected by the L&T Hazira as per MoU singed between the L&T and SVNIT Surat. However, other students may also opt these courses as per their choice. These courses will be applicable form the Students of the M.Tech (CAD/CAM) with effect from the Academic Year 2024-25. **Resolved to recommend the proposal of Department of Mechanical Engineering to the Senate to consider the syllabus of additional subjects (i) Fundamentals of ASME Sec VIII; M.Tech 1st Year, 1st Semester (ii) Manufacturing Technology; M.Tech 1st Year, 2nd Semester compulsory for the L&T Sponsored students and optional for the other students of M.Tech (CAD/CAM) with effect from** Academic Year 2024-25 _(Annexure 68.21)_. **The head of the Department of Mechanical Engineering is requested to verify the Subject Code as per the Academic Regulation to maintain uniformity in the subject coding before uploading the Scheme & Syllabus on the Institute Website and submitting a copy to the Examination Section.**
Item 68.22	To consider the request of the category conversion from FIR to ERS for Shukla Dineh Rakeshbhai (D23CY002), a Ph.D. student working under the supervision of Dr. Arup K. Ghosh. [Ref: Department of Chemistry; Reso. No.5, 133rd DAAC meeting, September 13, 2024]
Reso. 68.22	**Resolved to recommend the proposal of the Department of Chemistry to the Senate to consider the request of the category conversion from FIR to ERS for Shukla Dineh Rakeshbhai (D23CY002), a Ph.D. student working under the supervision of Dr. Arup K. Ghosh due to qualifying the CSIR-UGC NET (JRF) examination.**
Item 68.23	To consider PEOs, POs, PSOs for B.Tech. Mathematics and Computing Program. [Ref: Department of Mathematics; Reso. No.8.4, 8th DAAC meeting, September 30, 2024]
Reso. 68.23	**Resolved to recommend the proposal of the Department of Mathematics to the Senate to consider PEOs, POs, PSOs for B.Tech. Mathematics and Computing Program.** **Further, requested to Head of the department to take guidance from experts of the field and need to be submit to the Dean Academic to place before the upcoming Senate for approval.**
Item 68.24	To consider courses HS310 (German) and HS320 (French) to be offered as global elective in both the semesters. [Ref: Department of Humanities and Social Sciences; Reso. No.7.2, 7th DAAC meeting, October 4, 2024].

Reso. 68.24	Resolved to recommend the proposal of the Department of Humanities and Social Sciences to the Senate to consider courses of 'German' and 'French' to be offered as Open Elective in both the semesters of an academic year for the students admitted during the Academic Year 2023-24 onwards *(Annexure 68.24)*.
	The head of the Department of Humanities and Social Sciences is requested to verify the Subject Code as per the Academic Regulation to maintain uniformity in the subject coding before uploading the Scheme & Syllabus on the Institute Website and submitting a copy to the Examination Section
Item 68.25	To consider the eligibility criteria for admission in Ph.D. at Tribal Technology Development. [Ref: Centre for Tribal Technology Development; Reso. No.2, 1st CAAC meeting, November 4, 2024].
Reso. 68.25	Resolved to form an Institute Level Committee to review the proposed Eligibility Criteria concerning the qualifying degrees for Ph.D. admission across the Institute and propose the required modification to the upcoming Senate for approval.
Item 68.26	To consider the courses and schemes for minor in Tribal Technology and Management. [Ref: Centre for Tribal Technology Development; Reso. No.2, 1st CAAC meeting, November 4, 2024].
Reso. 68.26	Resolved to recommend the proposal of the Centre for Tribal Technology Development to the Senate to consider the courses and schemes for minor in Tribal Technology and Management applicable for the students admitted during the Academic Year 2023-24 onwards.
	Head of center is requested to review the scheme and syllabus with respect to the inclusivity of the course objectives, comprehensive coverage of subject, up-to-date references and uniform subject codes aligned with the Academic regulation. The final scheme & syllabus needs to be submitted to the Dean Academic before the upcoming Senate.
Item 68.27	To consider the request of Bhabhor Bhavesh Lakhjibhai (U18EC111) to complete his under graduate (B.Tech) program beyond 7 years.
Reso. 68.27	The IAAC discussed the request of a student Bhabhor Bhavesh Lakhjibhai (U18EC111) who has been unable to complete the course within the standard duration of 6 years due to backlogs. The student has requested an extension to complete their remaining courses and fulfill graduation requirements. The IAAC reviewed the institution's academic policies regarding the maximum duration allowed for course completion. It was acknowledged that while the standard policy is 6 years, exceptions can be made in cases where students face extraordinary circumstances like covid pandemic. The IAAC considered this request in light of the student's academic performance, institute policy, and the potential impact on the student's future academic and professional endeavors. After detail deliberations, it was;
	Resolved to grant a 2-year extension for the Bhabhor Bhavesh Lakhjibhai (U18EC111) as a special case to complete the programme after Six (06) years. He must adhere to a clear academic plan for clearing the remaining backlog courses. His progress will be reviewed periodically by the Mentor appointed by the Head of the Department to ensure that he is right track to complete the remaining requirements within the extended period.

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	Item from Chair
Item 68.28	To consider a request from DoECE to offer a minor degree in Drone Technology jointly by DoECE, DoCSE, DoEE and DoME.
	[Ref: Department of the Computer & Science Engineering; Reso. No. 2 DAAC meeting, October 23, 2024].
Reso. 68.28	The IAAC discussed the signing of a Memorandum of Understanding (MoU) between IIITDM Kurnool and SVNIT Surat for the offering of a Minor Degree in Drone Technology. The Minor Degree in Drone Technology will be available to all the B.Tech students of the SVNIT Surat providing them with the opportunity to gain specialized knowledge and practical experience in drone technology, which includes coursework and hands-on projects. It was also opinion of the few members that given the specialized nature of the field specialized faculty is required. The program integrates concepts from several engineering disciplines, which makes it interdisciplinary in nature. It was noted that the program will require expertise from the departments namely Department of Computer Science and Engineering, Department of Electronics Engineering, Department of Electrical Engineering and Department of Mechanical Engineering. The Heads of the Department of Computer Science and Engineering, Department of Electronics Engineering and Department of Mechanical Engineering have confirmed their readiness to share faculty for the program. The Head of the Department of Electrical Engineering has agreed to provide faculty support, contingent on the hiring of an additional faculty. After deliberations, it was;
	Resolved to recommend the proposal of Minor in 'Drone Technology' to the Senate with the interdisciplinary support from the Departments of Computer Science and Engineering, Electronics Engineering, Electrical Engineering and Mechanical Engineering.
	Head of Department of Electronics Engineering is requested to review the scheme and syllabus with respect to the inclusivity of the course objectives, comprehensive coverage of subject, up-to-date references and uniform subject codes aligned with the Academic regulation. The final scheme & syllabus needs to be submitted to the Dean Academic before the upcoming Senate.

The meeting was adjourned at 12.30 PM.

रवि वांट 12.12.2024

Member-Secretary, IAAC

Director