

The minutes of the 30th meeting of the Academic Council of the Institute which was held on 11/07/2024 in the Conference Room of the Institute at 11.30 a.m.

Following members were present :-

1.	Prof. R. K. Saxena, Director, SGSITS	Chairman
2.	Prof. H. K. Verma, Dean Academics	Member
3.	Prof. Neha Kawathekar, Dean Student Welfare	Member
4.	Prof. M. L. Jain, Dean R&D	Member
5.	Prof. J. T. Andrews, Dean-Staff Welfare	Member
6.	Prof. G. D. Thakar, Dean-Skill Dev. & Replacement	Member
7.	Prof. Sunil Ajmera, Professor, Civil Engineering (Prof. Narulkar on leave, Prof. Sunil Ajmera attended on his place as Acting Head)	Member
8.	Prof. Sudhir Tiwari, Mech. Engg.	Member
9.	Prof. Arun Parakh, Elect. Engg.	Member
10.	Prof. R. C. Gupta, I.P.E.	Member
11.	Prof. S. K. Jain, Professor, Elex. & T. C. Engineering (Prof. Anjana Jain on leave, Prof. S. K. Jain attended on her place as Acting Head)	Member
12.	Mrs. Vibha Bhatnagar, Associate Professor, Biomedical Engineering (Prof. P. P. Bansod on leave, Mrs. Vibha Bhatnagar attended on his place as Acting Head)	Member
13.	Prof. Rajesh Khatri, Elx. & Instrumentation	Member
14.	Prof. Vandan Tewari, Computer Engg. (Prof. Vandan Tewari on leave, Prof. Urjita Thakar attended on her place as Acting Head)	Member
15.	Prof. Lalit Purohit, Info. Tech. & C. T. A.	Member
16.	Prof. J. T. Andrews, Applied Physics	Member
17.	Prof. Nitish Gupta, Applied Chemistry	Member
18.	Prof. Rachna Navlakhe, Applied Mathematics (Prof. Rachna Navlakhe on leave, Prof. Smita Verma attended on her place as Acting Head)	Member
19.	Prof. Meena Tiwari, Pharmacy	Member
20.	Prof. Gireesh Thakar, Incharge-MBA	Member
21.	Dr. Sarika Tiwari, H.S.S.	Member
22.	Shri Rohit Kumar Anchaliya, T.P.O.	Member
23.	Dr. Smita Verma, Controller Exam.	Member
24.	Prof. V. R. Rode, Professor	Member
25.	Shri Milind Laghate, Associate Professor	Member
26.	Shri Vivek Tiwari, Asstt. Professor	Member
27.	Prof. Beniram Rawal, Professor	Member
28.	Shri Ravi Jatola, Assistant Professor	Member
29.	Shri R. S. Mandloi, Associate Professor	Member
30.	Dr. Sukhlal Sisodiya, Assistant Professor	Member
31.	Prof. Milind Dandekar, Professor	Member
32.	Ms. Neha Patkar, Assistant Professor	Member
33.	Prof. Shekhar Sharma, Professor	Member
34.	Mrs. Rekha Jain, Associate Professor	Member
35.	Shri Ashwin Shrivastav, Assistant Professor	Member
36.	Shri Surendra Gupta, Asso. Professor	Member
37.	Ms. Priyanka Bamne, Asstt. Professor	Member
38.	Shri Mukul Shukla, Asso. Professor	Member
39.	Shri Megha Zodape (Kuliha), Asstt. Professor	Member
40.	Prof. Neha Kawathekar, Professor	Member
41.	Dr. Urmila Raghuvanshi, Asstt. Professor	Member
42.	Dr. Sarla Chouhan, Asstt. Professor	Member
43.	Prof. Neeraj Jain, Professor, H. S. S.	Member
44.	Shri Arun Kuliha, Programme, CCRP	Special Invitee
45.	Dr. Vipin Kaushik, Asst. Prof., Applied Physics	Special Invitee
46.	Dr. Ashok Atulkar, Assoc. Professor, Mechanical Engineering	Special Invitee
47.	Ms. Gauri Gupta, Associate Professor, Biomedical Engineering	Special Invitee
48.	Dr. Gireesh G. Soni, Associate Professor, Elx & Instru. Engg.	Special Invitee
49.	Dr. R. C. Gurjar, Associate Professor, Elx & Instru. Engg.	Special Invitee
50.	Shri Deepak Sharma (Off. Registrar)	Secretary (non-member)

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The following members could not attend the meeting :-

1.	Prof. S. C. Choubey, Prof., Elec. Engg., UIT, RGPV	Extl. Member
2.	Prof. Prabhat Patel, Dy. Registrar (Exam), RGPV	Extl. Member
3.	Shri Manu Shrivastav, IAS Secretary, DTESDE and Commissioner, DTE	Extl. Member
4.	Prof. P. P. Bansod, Dean Admin.	Member
5.	Prof. S. M. Narulkar, Civil Engg.	Member
6.	Prof. P. P. Bansod, Biomedical Engg.	Member
7.	Prof. Vandan Tewari, Computer Engg.	Member
8.	Prof. Rachna Navlakhe, Applied Mathematics	Member
9.	Mrs. Swati Chaugonkr, Associate Professor	Member
10.	Dr. Sandeep Bhongade, Professor	Member
11.	Shri M. D. Mahajan, Associate Professor	Member
12.	Prof. P. P. Bansod, Professor	Member
13.	Shri D. S. Ajar, Associate Professor	Member
14.	Ms. Avni Majawadiya, Assistant Professor	Member
15.	Prof. D. A. Mehta, Professor	Member
16.	Dr. Vineet Singh, Associate Professor	Member
17.	Shri Gaurav Jain, Assistant Professor	Member
18.	Dr. Pragya Ojha, Assistant Professor	Member
19.	Dr. Ashish Mahajan, Assistant Professor	Member
20.	Ms. Surabhi Bhutada, M.Tech. Comp. Engg.	Member
21.	Mr. Azad Singh Thakur, M.Tech. Power Elex.	Member
22.	Ms. Siddhi Jain, B. Tech. (I.T.)	Member
23.	Mr. Abhigyan Purohit, B. Tech. (Elec. Engg.)	Member
24.	Mr. Pranay Patilkar, B. Tech. (Elec. Engg.)	Member
25.	Ms. Manya Mishra, B. Tech. (I. T.)	Member

The chairman welcome the members. After the opening remarks of the Chairman, the meeting was conducted by the Dean-Academics, Prof. H. K. Verma as per the agenda.

The deliberations of the meeting are as under:

Item No. 1	To confirm the minutes of 29 th Meeting of Academic Council of the Institute held on 14/09/2023.
	All items
Item No. 2	To confirm the minutes of 40 th Meeting of Standing Committee of the Institute held on 16/02/2024.
Item No. 3	To confirm the Corrigendum of minutes of 40 th Meeting of Standing Committee for Item 1 Point (6) of the I. T. Department.
Item No. 4	To consider and approve the minutes of the meetings of following Boards of Studies:

S.No.	Item	Approved (yes/No)
1 CIVIL ENGINEERING		
Item 1	Proposed Undergraduate Programs w.e.f. Session 2024-2025 It was also suggested to revise the scheme of UG keeping internship in the whole semester VIII of UG for implementing NEP-2020 in the BOS and submit the minutes before 5 th Aug. 2024 to implement from the current session.	Yes
Item 2	Proposed Postgraduate Programs w.e.f. Session 2024-2025	Yes
2 MECHANICAL ENGINEERING		
	Looking to the different opinion of the BOS members regarding the proposed minutes of BOS, they were suggested that the rescheduled the meeting and proposed in Standing Committee or next Academic Council.	-
3 ELECTRICAL ENGINEERING		
Item 1	Modify Scheme of VIII semester of UG program Major project shifted completely in VII semester	Yes
Item 2	Drop Elective subjects of VIII semester	Yes

4 ELECTRONICS & T. C. ENGINEERING		
Item 1	A New subject "EC35_ Artificial Neural Network" is added in the B.Tech Third year sem B in OEC-2 Electronics and Telecommunication Engineering scheme.	NO
Item 2	A new subject "EC65_ Digital image processing" is added in the 1 st year Sem B PG Electronics and Communication Engineering Scheme as elective-III with effect from 2024-2025.	Yes
Item 3	Department of Electronics and Instrumentation requested a new subject "EC355__ Mobile Communication" subject is third year sem B with effect from 2024-2025..	Yes
5 ELECTRONICS & INSTRUMENTATION ENGINEERING		
Item 1	The scheme and Syllabus of B.Tech II year, under NEP-2020 policy will be applicable with effect from July-2024 (2023-24 admitted students).	Yes
Item 2	The scheme and syllabus for B.Tech III year will be applicable with effect from July-2024 (2022-23 admitted students). Change the name of subject from Circuit design using HDLs to Digital design using HDLs in semester -IV with effect from 2024-2025.	Yes
Item 3	There was no change in scheme and syllabus of M.Tech (Microelectronics & VLSI design).	-
6 COMPUTER ENGINEERING		
Item 1	Review of Vision and Mission statements of the department	Yes
Item 2	To prepare new scheme and syllabi of B.Tech. (Computer Sc. & Engg.) as per NEP-2020	Yes
Item 3	To discuss and prepare multiple exit policy under NEP-2020 for undergraduate course B.Tech (Computer Sc. & Engg.)	Yes
Item 4	To discuss about running the schemes of both the semester (Groups) in each semester. For the item 4, Chairman of Academic Council will form a committee and this item will proposed in a committee .	-
	Suggested corrections in syllabus.	
7 INFORMATION TECHNOLOGY (INCLUDING MCA)		
Item 1	Discuss the Minor Degree Scheme for B.Tech students of all branches. After the discussion of the above item it is suggested to proposed in Standing Committee.	-
Item 2	Discuss on the course Web Engineering to be introduced for the students to EI department as per the request made by the Head, Electronics & Instrumentation department.	NO
Item 3	Discuss the syllabi for the B.Tech, IT, II year course.	Yes
Item 4	One item raised with the permission of chair in BOS, subject of "Data Communication" should be named as "Digital data Communication"	Yes
	Some minor corrections were suggested in CO's	-
8 BIOMEDICAL ENGINEERING		
Item 1	To discuss and approve the regional language (Hindi) syllabus of Semester III and IV for UG course in B.Tech Biomedical Engineering applicable to students from session July-Dec. 2024.	Yes
Item 2	To discuss and implement the suggestions of DPAQIC meeting regarding improvement in teaching learning and placement.	Yes
Item 3	Approve list of NPTEL courses which can be offered under Elective IV and Elective V to be offered in eight semester.	Yes

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9 PHARMACY

Item 1	The rubrics for award of marks in following subject were discussed and approved	Yes
Item 2	B.Pharm. VII Sem subject- PY4Y483: Practice School M.Pharm. I & II Sem subjects- PY98583/99481 & 98883/99883: Seminar/Assignment marks distribution. M.Pharm. III Sem-PY98940/99940: Research Work (dissertation phase I) marks distribution. M.Pharm. IV Sem-PY98985/99985: Research Work & Colloquium (dissertation phase II) marks distribution.	Yes
Item 3	Above items were discussed and suggested <ul style="list-style-type: none"> To write Rubrics for Marks. Prepare committee of three members (one member should be the Director's Nominee) 	-

10 APPLIED PHYSICS

Item 1	To introduce a new paper in M.Sc. (III-semester) A new course on Photonics and Optoelectronics" may be replaced with "PH97308 : Laser and Applications" for students admitted in A 2024-2025.	Yes
Item 2	Reports, analysis and rectification for DPAQIC.	Yes
Item 3	Proposal for integrated M.Sc. course It is suggested that the proposal may put in the next Academic Council meeting or Standing Committee meeting.	-

11 APPLIED CHEMISTRY

Item 1	No item were proposed	-
Item 2	To review vision and mission statement of the department.	YES
Item 3	To review the scheme and syllabus of undergraduate (B.Tech First year Chemistry and Environmental Science) and post graduate (M.Sc. Applied Chemistry course) with effect from 2024-2025.	Yes
Item 4	To discuss the possibility to start B.Sc.-M.Sc. Integrated course. It is suggested that the proposal may put in the next Academic Council meeting or Standing Committee meeting.	-
Item 5	Rename the department name from "Department of Chemistry" to "Department of Applied Chemistry".	Yes
Item 6	It is proposed to start the Bridge course in Chemistry as a summer internship course.	Yes

11 APPLIED MATHAMATICS

Item 1	MA 10001 : Mathematics-I Unit 5 Boolean Algebra has been replaced by the unit statistics. Changes more than 20% with effect from 2024-2025.	Yes
Item 2	MA10501 : Mathematics-II : Unit 1, Matrices has been elaborated and divided into two units Unit 1 and Unit 2 and Unit 5, Complex Numbers has been deleted. Changes more than 20% with effect from 2024-2025.	Yes
Item 3	POs and PSO for M.Sc. Program have been approved.	Yes
Item 4	The BOS recommends starting an integrated M.Sc. course with various exit policies as per the NEP-2020 recommendations. It is suggested that the proposal may put in the next Academic Council meeting or Standing Committee meeting.	-

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13. M. B. A. PROGRAMME

Item 1	The item discussed regarding SSR of 2023-24	Yes
Item 2	The list of NPTEL courses to be offered as electives to students of MBA-III Sem. (July – Dec. 2024) is discussed.	Yes
Item 3	The scheme of MBA (HA) and Sem III and IV and Syllabus of Sem III were proposed.	Yes

14. HUMANITIES & SOCIAL SCIENCES

Item 1	Minor changes in the syllabus of the subject HU10551 – Technical English.	Yes
Item 2	Major changes were proposed in the syllabi of the subject HUXXXX – Essence of Indian Knowledge Tradition and HU2XXX Constitution of India.	Yes
Item 3	Merger of the subjects HU2XXXX – Values – Humanities and Professional Ethics and Universal Human Values and new subject is introduced: human values and professional ethics for the same.	Yes
Item 4	Item raised with the permission of the chair, regarding the language problem of the students : tutorial classes can be taken.	Yes


15. INDUSTRIAL & PRODUCTION ENGINEERING


Item 1	Multi-exit feature of NEP 2020	Yes
Item 2	Minor changes (less than 10%) is made in syllabus of subject IP43065-“Ergonomics”, IP33009 – “CAD, CIM and Automation” and IP33511 “Advanced Machining Processes”.	Yes
Item 3	IP43013 “Operations Management” is removed from VII sem and included in VI sem with effect from 2025-2026.	Yes
Item 4	IP 33503 “Principles of Machine tools” is removed from VI sem and included in V sem with effect from 2025-2026..	Yes
Item 5	IP43616 “Supply Chain Management s removed from VIII sem elective list and added as compulsory subject in VII sem with effect from 2025-2026..	Yes
Item 6	In the final year VIII sem, in the group of Elective –V a new subject “IPxxxx” Industry 4.0 Technologies and Applications” is added as elective in place of IP43616 Supply Chain Management with effect from 2025-2026..	Yes
Item 7	The proposed list of on-line courses (SWAYAM NPTEL) in addition to the elective subject as Elective-II and Elective III in the final year, these recommended NPTEL courses of 12 weeks duration are listed in (Annexure VIII and IX). It was resolved that the concerned students shall be responsible to complete all the requirements such as assignments, quizzes, examination etc. as per the schedule of NPTEL courses and submit their passing certificate for the transfer of credits.	Yes


Item 4: Any other item with permission of the Chair.

1.	Item-1 Discussion on NPTEL / SWAYAM Course.
	Detail rules of the NEP-2020 were discussed in the meeting.

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


 (Deepak Sharma)
 Non-Member Secretary
 Academic Council


 (Prof. H. K. Varma)
 Dean (Academics)
 Member, Academic Council


 (Prof. Vijay Rode)
 Chairman
 Academic Council