



भारतीय प्रौद्योगिकी संस्थान इन्दौर
Indian Institute of Technology Indore

Minutes of the 30th meeting of the Senate held from 11.00 hrs. on 21 July 2022 (Thursday) at Maitreyi Seminar Hall, IIT Indore.

Following members attended the meeting:

Chairperson

1 Professor Suhas S. Joshi Director, IIT Indore

External Experts

2 Shri Shankar V. Nakhe (present online) Director, RRCAT

3 Prof. Ajay Kumar Jain (present online) Professor, Management Development Institute, Gurgaon

Deans

4 Prof. Anand Parey Dean, Resources Generation

5 Prof. Avinash Sonawane Dean, International Relation

6 Prof. Pritee Sharma Dean, Administration

7 Prof. Manish Kumar Goyal Dean of Infrastructure Development

8 Prof. I.A. Palani Dean, Research and Development

9 Dr. Srivathsan Vasudevan Dean, Student Affairs

10 Dr. Devendra Deshmukh Dean, Academic Affairs

Head of Departments

11 Prof. Vipul Singh HOD, Electrical Engineering

12 Prof. Santosh K. Sahu HOD, Mechanical Engineering

13 Prof. Amit Kumar HOD, Biosciences and Biomedical Engineering

14 Prof. Abhirup Datta HOD, Astronomy, Astrophysics and Space Engineering

15 Prof. Nirmala Menon (present online) HOD, Humanities and Social Science

16 Dr. Abhishek Rajput HOD, Civil Engineering

17 Dr. Somnath Dey HOD, Computer Science and Engineering

18 Dr. Vinod Kumar HOD, Metallurgy Engineering and Materials Science

19 Prof. Biswarup Pathak HOD, Chemistry

20 Dr. Niraj Kumar Shukla HOD, Mathematics

Heads of Centers and Services

21 Prof. Mukesh Kumar Head, Center of Advanced Electronics

22 Prof. Sandeep Chaudhary Head, Center for Rural Development and Technology

23 Prof. Suman Mukhopadhyay Head, Sophisticated Instrumentation Center

24 Prof. Aruna Tiwari Head, Counselling Services



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25	Dr. Girish Verma	Acting Head, Center of Futuristic Defense and Space Technology
26	Dr. Pavan Kumar Kankar	Head, Training and Placement
Professors		
27	Prof. Narendra S. Choudhary	Computer Science and Engineering
28	Prof. Neelesh Kumar Jain	Mechanical Engineering
29	Prof. Anand Parey	Mechanical Engineering
30	Prof. Abhinav Kranti	Electrical Engineering
31	Prof. Suman Mukhopadhyay	Chemistry
32	Prof. Sandeep Chaudhary	Civil Engineering
33	Prof. Avinash Sonawane	Biosciences and Biomedical Engineering
34	Prof. G. S. Murthy	Biosciences and Biomedical Engineering
35	Prof. Santosh Kumar Vishvakarma	Electrical Engineering
36	Prof. Vipul Singh	Electrical Engineering
37	Prof. Trapti Jain	Electrical Engineering
38	Prof. Mukesh Kumar	Electrical Engineering
39	Prof. Manish Kumar Goyal	Civil Engineering
40	Prof. I. A. Palani	Mechanical Engineering
41	Prof. Bhupesh Kumar Lad	Mechanical Engineering
42	Prof. Santosh Kumar Sahu	Mechanical Engineering
43	Prof. Ritunesh Kumar	Mechanical Engineering
44	Prof. Dhinakaran Shanmugam	Mechanical Engineering
45	Prof. Aruna Tiwari	Computer Science and Engineering
46	Prof. Abhishek Srivastava	Computer Science and Engineering
47	Prof. Kapil Ahuja	Computer Science and Engineering
48	Prof. Abhirup Datta	Astronomy, Astrophysics and Space Engineering
49	Prof. Amit Kumar	Biosciences and Biomedical Engineering
50	Prof. Prashant Kodgire	Biosciences and Biomedical Engineering
51	Prof. Sk. Safique Ahmad	Mathematics
52	Prof. Apurba Kumar Das	Chemistry
53	Prof. Sampak Samanta	Chemistry
54	Prof. Sanjay Kumar Singh	Chemistry
55	Prof. Biswarup Pathak	Chemistry
56	Prof. Nirmala Menon (present online)	Humanities and Social Sciences
57	Prof. Pritee Sharma	Humanities and Social Sciences
58	Prof. Ruchi Sharma	Humanities and Social Sciences
59	Prof. Preeti Anand Bhobe	Physics
60	Prof. Rajesh Kumar	Physics
61	Prof. Sudeshna Chattopadhyay	Physics
62	Prof. Parasharam Maruti Shirage	Metallurgy Engineering and Materials Science
63	Prof. Swadesh Kumar Sahoo	Mathematics
64	Prof. Raghunath Sahoo	Physics
Other Authorities		
65	Dr. Sharad Gupta	Convener, Health Center Advisor Committee
66	Dr. Anand Petare	Assistant Workshop Superintendent, Central Workshop
Special Invitees		
67	Dr. Eswara Prasad Korimilli	Associate Dean, Academic Affairs (PG & Ph.D)



68	Dr. Swaminathan R.	Center of Innovation, Incubation, Entrepreneurship and Industry Relations (CIIER)
69	Mr. Rajesh Kumar	Library Information Officer
70	Mr. NeeraJ Kumar	A.R.- Academic
71	Mr. Tapesb Parihar	JS- Academic
72	Mrs. Bindu Suresh	JS- Academic
Secretary		
73	Mr. S. P. Hota	Registrar (I/c), IIT Indore
Leave of absence:		
1	Prof. Himanshu Rai	Director, IIM Indore
2	Mr. B Anil Baliga	Ex Executive Vice President, VE Commercial Vehicles Ltd,
3	Prof. Abhiram G. Ranade	Professor, Department of Computer Science and Engineering, IIT Bombay
4	Dr. Pankaj R. Sagdeo	HOD, Physics
5	Dr. Neminath Hubballi	Head, Computer and Information Technology Center
6	Dr. Lalit Borana	Chief Warden
7	Prof. Ram Bilas Pachori	Electrical Engineering
8	Prof. Vimal Bhatia	Electrical Engineering
9	Prof. Rajneesh Misra	Chemistry
10	Prof. Subhendu Rakshit	Physics
11	Prof. Krushna R. Mavani	Physics
12	Prof. Sarika Jalan	Physics
13	Prof. Shaibal Mukherjee	Electrical Engineering
14	Prof. Prabhat Kumar Upadhyay	Electrical Engineering
15	Prof. Neelima Devarakonda	Civil Engineering
	Satyam	
16	Representative Student Gymkhana (Special Invitee)	

ITEM 30.1: Welcome and Opening remarks by the Chairman of the Senate..

The Chairman, Senate welcomed all the members and special invitees to the meeting.

The Chairman emphasized on the ranking of the Institute. He congratulated the Institute for the good QS Rank of IIT Indore. He also emphasized to work towards improving the NIRF ranking.

He also updated the members that the Institute is in the process of revising the curricula based on the National Education Policy 2020 and the same will be put up in the future meetings of the Senate for discussion.

The Chairman informed to the committee that the 10th Convocation of the Institute is scheduled on the 13 August 2022. Padma Vibhushan, Dr. Anil Kakodkar will grace the occasion as the Chief Guest.



ITEM 30.2: Confirmation of the minutes of the 29th Meeting of Senate held on April 6, 2022.

The Senate confirmed the Minutes of its 29th Meeting of Senate held on April 6, 2022 with the following change:

Item no. 29.10.2: Revision of accommodation charges for International PG and Ph.D. students.

The revised fee structure will be applicable to all the existing International PG and Ph.D. students along with the new students w.e.f. 2022-Autumn Semester.

ITEM 30.3: Action Taken Report (ATR) on minutes of 29th Meeting of Senate held on April 6, 2022.

The Senate noted the actions taken on the decisions of the 29th Meeting of Senate held on April 6, 2022.

ITEM 30.4: List of students who have completed all the prescribed requirements for the award of degree during 10th Convocation of the Institute.

The Senate recommended the list of 475 students who have completed all the prescribed requirements for the award of degree in the 10th Convocation of the institute as per the following details to the BoG for its approval:

Program	Department/ Specialization	Number of Graduating students	Total
B.Tech.	Civil Engineering	35	269
	Computer Science and Engineering	68	
	Electrical Engineering	70	
	Mechanical Engineering	63	
	Metallurgy Engineering and Materials Science	33	
M.Tech.	Electrical Engineering		64
	i) Communication and Signal Processing	13	
	ii) VLSI Design and Nanoelectronics	10	
	Mechanical Engineering		
	i) Production and Industrial Engineering	8	
	ii) Mechanical Systems Design		
	Metallurgy Engineering and Materials Science	13	
	i) Materials Science and Engineering		
M.Sc.	ii) Metallurgy Engineering	11	88
		9	
	Astronomy	9	
	Biotechnology	9	
	Chemistry	24	



	Mathematics	20	
	Physics	26	
Ph.D.	Astronomy, Astrophysics and Space Engineering	3	54
	Bio-sciences and Bio-medical Engineering	11	
	Chemistry	10	
	Civil Engineering	3	
	Computer Science and Engineering	2	
	Electrical Engineering	6	
	Humanities and Social Sciences	2	
	Mathematics	1	
	Mechanical Engineering	5	
	Metallurgy Engineering and Materials Science	5	
	Physics	6	
		Total	475

ITEM 30.5: List of recipients of medals and awards for the 10th Convocation of the Institute.

The Senate recommended the following list of recipients of the medals and awards to be awarded during 10th Convocation of the Institute to the BoG for its approval. :

Title of the Medal/ Award	Roll No.	Student Name	Dept.	Program
President of India Gold Medal	180002012	Mr. Danyal Shahid Shamsi	EE	B.Tech.
Institute Silver Medal (UG Programs)	180001049	Mr. Shah Miten Haresh	CSE	B.Tech.
	180004032	Ms. Sumedha Srivastava	EE	B.Tech.
	180005006	Mr. Arnav Suhas Joshi	ME	B.Tech.
	180004005	Mr. Arvind Mehta	CE	B.Tech.
	180005030	Ms. Sonakshi Gupta	MEMS	B.Tech.
Institute Silver Medal (PG Programs)	2003121004	Mr. Jibin V Sunny	AASE	M.Sc
	2002105009	Mr. Hari Narayanan Vasavan	MEMS	M.Tech
Buti Foundation Gold Medal	2003131002	Ms. Ankita Mondal	Chemistry	M.Sc
Institute Silver Medal for the Best All Round Performance	180002037	Mr. Mukala Jogesh Kumar	EE	B.Tech.



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Best Project Award	BTech (BTP)	a) 180001004	a) Mr. Akshay Prakash	CSE	B.Tech.
		b) 180001015	b) Mr. Gaurav		

Senate also noted that one more medal i.e. VPP Menon Gold Medal for the best Ph.D. dissertation among all graduating woman will be finalized by 31 July 2022 for the award in the upcoming Convocation.

The Chairman, Senate has been authorised to approve it on behalf of the Senate.

ITEM 30.6: Proposal of new courses.

Senate discussed and approved the syllabi of the following courses with the observations mentioned against the course.

S. No.	Course Code and Title of the Course	Contact Hours (L-T-P-C)	Program for which course is offered	Remarks
1.	IE 301/IE 401/IE 601: Foundation for Entrepreneurship	(2-0-2-3)	UG/ PG/ Ph.D.	Approved as additional learning course
2.	EE 450/ EE 650: Internet of Things (IoT) Networks	(2-1-0-3)	UG/ PG/ Ph.D.	Approved
3.	AA 410/AA 610: Spatial Informatics	(2-0-2-3)	UG/ PG/ Ph.D.	Approved
4.	AA 412/ AA 612: Microwave Remote Sensing	(2-1-0-3)	UG/ PG/ Ph.D.	Approved
5.	CE 414/ CE 614: Design of Short and Medium Span Bridges	(2-1-0-3)	UG/ PG/ Ph.D.	Approved
6.	RDT 201: Immersion for Rural Technology Development	(1-0-2-2)	UG	Approved
7.	RDT 301: Design Thinking for Rural Applications	(1-1-2-3)	UG	Approved
8.	ME 420/ ME 620: Alternative Cooling Technologies	(2-1-0-3)	UG/ PG/ Ph.D.	Approved

The Senate discussed the following courses and recommended the concerned department to revise and resubmit the course to the SPGC/ SUGC.



S. No.	Course Code and Title of the Course	Contact Hours (L-T-P-C)	Program for which course is offered	Remarks
1.	CE 4XX/ CE 6XX: Solid Waste Engineering and Management	(2-0-2-3)	UG/ PG/ Ph.D.	Senate advised that some modifications are required in the present syllabus to include more technical content. Field visit needs to be added in practical part and should be more technology oriented.
2.	ME 4XX/ ME 6XX: Energy Harvesting Techniques	(2-1-0-3)	UG/ PG/ Ph.D.	Senate advised that some modifications are required. The present syllabus is more focused on material. 'Techniques' word to be removed from the title. Design part should be included in the syllabus. Some more books to be included.

ITEM 30.7: Proposal to change of the name of M.Tech. program in Metallurgy Engineering to M.Tech. in Metallurgical Engineering

The Senate approved the proposal of Department of Metallurgy Engineering and Materials Science for the change of the name of M.Tech. program, from M.Tech. in Metallurgy Engineering to M.Tech. in Metallurgical Engineering w.e.f. from the M.Tech. batch graduating in 2022-Convocation.

ITEM 30.8: Item for information:

- Approval to permit the PhD student under Fellowship Awardee (FA) category to opt to stay out of the campus.

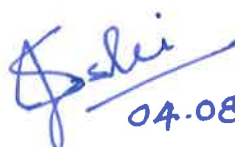
The Senate noted the item.

ITEM 30.9: Any other item with the permission of the Chair.

None.


(Mr. S. P Hota)

Registrar I/c and Secretary, Senate


04.08.2022

(Professor Suhas S. Joshi)
Director and Chairperson, Senate

