
भारतीय प्रौद्योगिकी संस्थान जोधपुर
Indian Institute of Technology Jodhpur



अभिषद
SENATE

34वीं बैठक के कार्यवृत्त

**Minutes of
34th Meeting**

24th June, 2023 (Saturday)
Senate Room, IIT Jodhpur

This page is left blank, intentionally

Indian Institute of Technology Jodhpur



Minutes of 34th Meeting

24th June, 2023 (Saturday) at 3:00 pm
Senate Room, IIT Jodhpur

The following members were present:

1.	Prof. Santanu Chaudhury Director, IIT Jodhpur	Chairman
2.	Prof. S.R. Vadera Deputy Director, IIT Jodhpur	Member
3.	Dr. Sanjeev Misra Vice-Chancellor, Atal Bihari Vajpayee Medical University Lucknow & Former Director, AIIMS Jodhpur	Member (through Webex)
4.	Prof. H.P. Khincha, Chairman Karnataka State Innovation Council, Bangalore	Member
5.	Prof. Purnima Singh, Deptt. of Humanities & Social Sciences, IIT Delhi	Member (through Webex)
6.	Dr. Souvik Bhattacharyya Former Vice Chancellor, BITS Pillani	Member (through Webex)
7.	Prof. Ajay Agarwal, Deptt. of EE	Member
8.	Prof. Surajit Ghosh, Deptt. of BB	Member
9.	Prof. Somitra K. Sanadhya, AIDE	Member
10.	Prof. Sangeeta Sahney, SME	Member
11.	Prof. Neeraj Jain, AIDE	Member
12.	Prof. Mitali Mukerji, Deptt. of BB	Member
13.	Prof. Surajit Ghosh, Dean (International Relations, Alumni Relations and Corporate Relations)	Member
14.	Prof. Somitra K. Sanadhya, Dean (Digital Transformation)	Member
15.	Prof. Surajit Ghosh, Dean(R&D)	Member

16.	Head, Department of Bioscience & Bioengineering Prof. Mitali Mukerji	Member
17.	Head, Department of Chemistry Dr. Ramesh K. Metre	Member
18.	Head, Department of Electrical Engineering Prof. Ajay Agarwal	Member
19.	Head, Computer Science & Engineering	Member
20.	Dr. Suman Kundu on behalf of Prof. Richa Singh	
21.	Head, Department of Mathematics Dr. Puneet Sharma	Member
22.	Head, Department of Mechanical Engineering Dr. Suril V. Shah	Member
23.	Head, Department of Metallurgical & Materials Engineering Dr. K.R. Ravi	Member
24.	Head, Department of Physics Dr. Ashutosh Kumar Alok	Member
25.	Head, Department of Civil & Infrastructure Engineering Dr. Ranju Mohan	Member
26.	Head, Department of Chemical Engineering Prof. P.K. Tewari	Member
27.	Head, School of Management & Entrepreneurship (SME) Prof. Sangeeta Sahney	Member
28.	Center for Emerging Technologies for Sustainable Development Dr. Anand K. Plappally	Member
29.	Head, Centre for Technology Foresight & Policy Dr. Krishna K Balaraman	Member
30.	Centre for Research & Development of Scientific Instruments Dr. Samanwita Pal	Member

31.	Centre of Education and Technology for Education	Member
	Prof. Bijnan Bandyopadhyay	
32.	Dr. S.C. Bose, Head & Chairperson, IRC_IDRP, Inter-Disciplinary Research Platform (IDRP)	Member
33.	Dr. Deepak Arora, Dept of Chemical Engineering	Member
34.	Dr. Satyajit Sahu, Associate Professor , Department of Physics	Member
35.	Department of Bioscience and Bioengineering	Member
	Dr. Indranil Banerjee, AD (Hostel Affairs)	
36.	Department of Chemistry	Member
	Dr. Atul Kumar, AD (Academics- PG Programs)	
37.	Department of Civil & Infrastructure Engineering	Member
	Dr. Debanjan Guha Roy, Assistant Professor	
38.	Department of Computer Science & Engineering	Member
	Dr. Gaurav Harit, AD (Academics- UG Programs)	
39.	Department of Mathematics	Member
	Dr. Gaurav Bhatnagar, AD (IRO)	
40.	Department of Mechanical Engineering	Member
	Dr. Anand K. Plappally, Associate Professor	
41.	Department of Metallurgical & Materials Engineering	Member
	Dr. Abir Bhattacharyya, Assistant Professor	
42.	School of Artificial Intelligence & Data Science	Member
	Dr. Dipanjan Roy, Associate Professor,	
43.	Dr. Deepak M. Fulwani, AD (PRG)	Member
44.	Prof. Neeraj Jain, Head, School of AIDE	Member

45.	Prof. C. Venketesan Professor-in-charge (Faculty)	Special Invitee
46.	Prof. Amitava Mitra, Professor-in-charge (Infrastructure Engineering)	Special Invitee
47.	Dr. Kaushal Desai Faculty-in-charge (Executive Education)	Special Invitee
48.	Dr. Somnath Ghosh, Faculty-in-charge (Curriculum Implementation)	Special Invitee
49.	Dr. Shankar Manoharan Faculty In-charge(Alumni Relations)	Special Invitee
50.	Dr. Pankaj Yadav, Assistant Professor, Deptt. of BB	Special Invitee
51.	Dr. Sucharita Dey, Assistant Professor, Deptt. of BB	Special Invitee
52.	Dr. V. Narayanan,	Special Invitee
53.	Prof. Nimish Vohra,	Special Invitee
54.	Dr. Suman Dhaka	Special Invitee
55.	Dr. S. Srivatsa Srinivas,	Special Invitee
56.	Dr. Venkat Ram R. Gunuthula, Assistant Professor, SME	Special Invitee
57.	Dr. Hari Om Yadav Registrar	Secretary

The following members could not attend the Meeting

1.	Dr. Jitendra Balakrishnan, CTO-Products, Sterlite Technologies Ltd.	Member
2.	Prof. Mayank Vatsa, Deptt. of CSE	Member
3.	Prof. Richa Singh, Deptt. of CSE	Member
4.	Dr. Farhat Naz, Head, SoLA	Member
5.	Dr. Venkatesh Murthy R, Assistant Professor, School of Management & Entrepreneurship	Member
6.	Dr. Ankita Sharma, AD (Student Affairs) and Associate Professor, School of Liberal Arts	Member

7.	General Secretary, ACAC	Student Representative
8.	General Secretary, Student Senate	Student Representative
9.	Vice President, Board of Academic Interaction	Student Representative

The following are the recommendations of the Senate:

S.No.	Items
34.1	Welcome by the Chairman, Senate
	<p>The Chairman, Senate welcomed all the members to the 34th Meeting of the Senate. The Chairman briefed the members that this year the JEE (Advanced) examination finished on time and hence the Institute would have a synchronized Academic Calendar for the first year students after 03 years due to the impact of COVID-19. He shared with the members that the Institute has increased 10 seats in each of the B.S. Programs, i.e., (i) B.S. in Physics with specialization and (ii) B.S. in Chemistry with specialization starting from Academic Year 2023-24 Semester-I.</p> <p>The Chairman, Senate also informed the Senate that 02 Hostels with capacity of 325 each (Total 650 AC Rooms) would be available for the students starting the Academic Year 2023-24 Semester-I.</p> <p>Further, he informed the members that the Institute registered with the National Council for Teacher Education (NCTE) (B.Sc.-B.Ed. 4 Years Program for Science Stream) based on the suggestion made by the Ministry of Education, Govt. of India.</p> <p>The Chairman also suggested that the Institute must explore the possibilities of incentivizing students with better rank joining the newly introduced unique B.S. with specialization. Also, he suggested Science Departments to introduce new M.S.-M.Tech. (03 years) and Integrated Ph.D. programs considering the emerging need of the market.</p>
34.1.1	<p>Confirmation of Minutes of the 33rd Meeting of the Senate held on 1st March, 2023</p> <p>The Senate confirmed the Minutes of the 33rd Meeting of the Senate, as circulated.</p>

34.1.2	<p>Report on Action Taken on decisions of the 33rd Meeting of the Senate held on 1st March, 2023</p> <p>The Senate noted the Action Taken Report and suggested that the Institute should make all efforts to attract International Students in the B.Tech. Programs.</p>
34.2	<p>Discussion Items</p>
34.2.1	<p>Proposal of a new Certificate-cum-Postgraduate Diploma in Next Generation OMICS Technologies and Applications from Department of Bioscience and Bioengineering</p> <p>The Head, Bioscience and Bioengineering made a detailed presentation on a new Certificate-cum-Postgraduate Diploma in Next Generation OMICS Technologies and Applications before the Senate. After a detailed discussion, the Senate recommended the proposal with minor modification in terms of Objectives, Graduating Diploma Attributes and suggested that the Program should be toned down and aligned to <i>skill-oriented</i> rather than having focus only on academic rigor. The course contents will have to be updated in this context. It was suggested that the offering of Certificate and Diploma will be in focus in this case. Department may plan a separate M.Tech. program / advanced Certificate Program in the domain after a deliberation in near future. Further, the Senate authorized the Chairman, Senate to approve the Proposal after incorporating the suggestions.</p> <p style="text-align: right;">Action: Head (BSBE)</p>
34.2.2	<p>Proposal for New M. Tech. Programme in Quantum Technologies</p>
	<p>Dr. V. Narayanan, Associate Professor, Department of Physics made a detailed presentation for the New M. Tech. Programme in Quantum Technologies before the Senate. After a detailed discussion on the proposal, the Senate recommended the proposal with following minor amendments:</p> <ol style="list-style-type: none"> 1. Objectives and Learning outcome have to be clearly articulated for each program specializations; 2. Detailed course contents for the First Year courses, list of specializations and Elective Courses shall be presented in the next meeting of the Senate; and 3. Detailed course contents for the Second Year courses shall be presented in the next 03 months. <p>Also, the Senate authorized the Chairman, Senate to approve the Proposal after incorporating the suggestions.</p> <p style="text-align: right;">Action: Program Coordinator</p>

34.2.3	Course curriculum for Master Program in XR Design																		
	<p>Prof. Nimish Vohra, Professor of Practice presented the Course curriculum for the Master Program in XR Design before the Senate. The Senate after a detailed discussion, recommended the proposal.</p> <p>Also, the Senate suggested assigning a different program code for this program to distinguish it from the regular courses offered by SoLA for administrative purposes.</p> <p style="text-align: center;">Action: Head (SoLA), Associate Dean (UG/PG) and Dean (DT)</p>																		
34.2.4	Proposal for revision in Minor in Science of Intelligence and Mathematical and Computational Economics from School of Artificial Intelligence and Data Science (AIDE)																		
	<p>Dr. Suman Dhaka, Assistant Professor, School of AIDE, presented some revisions in Minor in Science of Intelligence before the Senate. After a detailed discussion the Senate recommended the proposal with minor modifications and authorized the Chairman, Senate to approve the same after incorporating the suggested changes.</p> <p>Dr. S. Srivasta, Professor of Practice, presented some revisions in the minor of Mathematical and Computational Economics before the Senate. After a detailed discussion the Senate recommended the proposal with minor modifications and authorized the Chairman, Senate to approve the same after incorporating the suggested changes.</p> <p style="text-align: right;">Action: Head (AIDE)</p>																		
34.2.5	Proposals for New Courses from the Department of Bioscience and Bioengineering and Schools of SME and AIDE																		
	<p>Proposals for new courses were presented by the Heads of various Departments/School and Center before the Senate as below:</p> <table border="1"> <thead> <tr> <th>SN</th><th>Particulars</th><th>Department/ IDRP /School</th><th>Course</th><th>Senate Recommendations</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Proposal of a new elective courses</td><td>Bioscience and Bioengineering</td><td>Computational Structural Bioinformatics</td><td>The Head, Bioscience and Bioengineering presented the new courses before the Senate. After a detailed discussion the Senate recommended the proposal.</td></tr> <tr> <td>2</td><td>Proposal of new courses</td><td>School of Management & Entrepreneurship</td><td>1. Human Capital in Startups 2. HR Tech</td><td>Dr. Venkat Raman Reddy presented the course <i>Human Capital in Startups</i>, and the course <i>HR Tech</i> before the Senate. After a detailed discussion the Senate recommended the proposal with minor modification and authorized the Chairman,</td></tr> </tbody> </table>				SN	Particulars	Department/ IDRP /School	Course	Senate Recommendations	1.	Proposal of a new elective courses	Bioscience and Bioengineering	Computational Structural Bioinformatics	The Head, Bioscience and Bioengineering presented the new courses before the Senate. After a detailed discussion the Senate recommended the proposal.	2	Proposal of new courses	School of Management & Entrepreneurship	1. Human Capital in Startups 2. HR Tech	Dr. Venkat Raman Reddy presented the course <i>Human Capital in Startups</i> , and the course <i>HR Tech</i> before the Senate. After a detailed discussion the Senate recommended the proposal with minor modification and authorized the Chairman,
SN	Particulars	Department/ IDRP /School	Course	Senate Recommendations															
1.	Proposal of a new elective courses	Bioscience and Bioengineering	Computational Structural Bioinformatics	The Head, Bioscience and Bioengineering presented the new courses before the Senate. After a detailed discussion the Senate recommended the proposal.															
2	Proposal of new courses	School of Management & Entrepreneurship	1. Human Capital in Startups 2. HR Tech	Dr. Venkat Raman Reddy presented the course <i>Human Capital in Startups</i> , and the course <i>HR Tech</i> before the Senate. After a detailed discussion the Senate recommended the proposal with minor modification and authorized the Chairman,															

				Senate to approve the same after incorporating the suggested changes. Action: Head (SME)
3	Proposal of new courses	School of AI & Data Science	<p>1. Introduction to Brain Computer Interfaces</p> <p>2. Advanced Microeconomics</p> <p>3. Advanced Game Theory</p>	<p>1. Dr. Dipanjan Roy presented the new course <i>Introduction to Brain Computer Interface</i> before the Senate. After detailed discussion the Senate recommended the proposal;</p> <p>2. Dr. S. Srivasta presented a new course <i>Advanced Microeconomics</i> before the Senate. After a detailed discussion the Senate recommended the proposal with minor modification and authorized the Chairman, Senate to approve the same after incorporating the suggested changes.</p> <p>Action: Head (AIDE)</p> <p>3. Dr. S. Srivasta presented the new course <i>Advanced Game Theory</i> before the Senate. After a detailed discussion the Senate recommended the proposal;</p>
34.2.6	Organization of 9th Convocation of the Institute			
	<p>Associate Dean (Academics-PG) presented the proposal for organization of the 9th Convocation of the Institute during 18-19 November 2023 before the Senate. The Senate after discussion recommended organizing the Convocation on the proposed dates and authorized the Chairman, Senate to identify the Chief Guest and Guest of Honor for the event preferably an eminent woman personality.</p> <p>Action: ADs Academics (UG/PG)</p>			
34.2.7	Proposal to frame the Student Innovation Policy			
	<p>The Chairman, Senate presented the Proposal to frame the Student Innovation Policy before the Senate. The Senate after a detailed discussion and considering the critical requirement of the policy recommended the same for implementation-Annexure.</p> <p>Action: ADs Academics (UG/PG)</p>			

34.4	Reporting, Adopting and Noting Items
34.4.1	Academic Recommendations of 28th ECS Meeting held on 12th -13th June, 2023
	<p>The Senate accepted the academic recommendation of the 28th ECS meeting held on 12-13 June 2022.</p> <p style="text-align: right;">Action: All Heads/Concerned</p>
34.5	Ratification Items
34.5.1	Approvals accorded by the Chairman, Senate
	The Senate ratified the approvals accorded by the Chairman, Senate on behalf of the Senate, as presented in the Agenda.

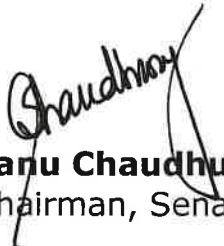
34.6	Any other Item with the prior permission of the Chairman
34.6.1	Recommendation for conferment of Honoris Causa Doctorate to the Eminent Personalities for their exceptional contributions
	<p>The Chairman, Senate briefed the Senate that the Board of Governors in its 27th Meeting held on 8th October, 2021 approved the provision of conferment of Honoris Causa Doctorate Degree to eminent personalities like other IITs and Institutions. Subsequently, the Senate in its 27th Meeting held on 9th November, 2021 also deliberated and framed broad guidelines for the conferment of Honoris Causa Degree to eminent personalities with exceptional contributions to Knowledge, Industry, R&D, Societal Work, Arts, Sports and IIT Jodhpur.</p> <p>The Chairman, Senate further proposed the following names of Eminent Personalities for consideration for conferment of Honoris Causa Doctorate :</p> <ol style="list-style-type: none"> 1. Prof. Rohini M. Godbole, IISc, Bangalore, India 2. Prof. Paras Nath Prasad, University at Buffalo, SUNY, USA 3. Mr. Vinod Gupta, Everest Group LLC, USA <p>After detailed deliberations, the Senate recommended the above names for the consideration of the Board of Governors.</p>
3.6.2	Special Benefits to students admitted to the two B.S. Programs offered by IITJ
	<p>Associate Dean (UG) presented the agenda item before the Senate. After detailed discussion on the matter, the Senate recommended framing an Incentive Scheme for the students joining B.S. Program to promote the program. Any candidate joining the program with under AIR 5000 in Combined Rank List in the JEE (Advanced) examination will be eligible to avail the following incentives.</p> <ol style="list-style-type: none"> 1. A Scholarship of Rs. 50,000/- for every semester. This scholarship would continue in subsequent semesters if a student maintains 8.0 or above CGPA in the B.S. Program. 2. One fully paid International Conference / Internship of 2 months duration per student during the Summer Term in the B.S. Program.

	<p>3. The expenses toward this scheme will be met from the Institute budget.</p> <p>4. The names of the above fellowships:</p> <ul style="list-style-type: none"> - S N Bose fellowship for B.S. in Physics with specialization - P. C. Ray Fellowship for B.S. in Chemistry with specialization
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The Meeting concluded with thanks to the Chairman and all Members.


(Dr. Hari Om Yadav)
 Registrar & Secretary, Senate

Approved


(Prof. Santanu Chaudhury)
 Director & Chairman, Senate IIT Jodhpur