



Indian Institute of Technology Indore

Minutes of the 32nd meeting of the Senate held on 29 December 2022 (Thursday), 3.00 p.m. at Maitreyi Seminar Hall, IIT Indore.

Following members attended the meeting:

Chairperson

1 Professor Suhas S. Joshi Director, IIT Indore

External Experts

2 Prof. Himanshu Rai Director, IIM Indore
(Through online)

3 Prof. Ajay Kumar Jain Professor, Management Development Institute,
Gurgaon

Deans

4 Prof. Devendra Deshmukh Dean, Academic Affairs
5 Prof. Avinash Sonawane Dean, International Relation
6 Prof. Anand Parey Dean, Resources Generation
7 Prof. Srivathsan Vasudevan Dean, Student Affairs
8 Prof. Abhishek Srivastava Dean, Faculty Affairs

Head of Departments

9 Dr. Abhishek Rajput HOD, Civil Engineering
10 Dr. Somnath Dey HOD, Computer Science and Engineering
11 Prof. Vipul Singh Acting HOD, Electrical Engineering
12 Prof. Santosh K. Sahu HOD, Mechanical Engineering
13 Dr. Vinod Kumar HOD, Metallurgy Engineering and Materials Science
14 Prof. Amit Kumar HOD, Biosciences and Biomedical Engineering
15 Prof. Abhirup Datta HOD, Astronomy, Astrophysics and Space
Engineering
16 Dr. Chelvam Venkatesh Acting HOD, Chemistry
17 Dr. Niraj Kumar Shukla HOD, Mathematics
18 Dr. Pankaj R. Sagdeo HOD, Physics
19 Prof. Nirmala Menon HOD, Humanities and Social Science

Heads of Centers and Services

20 Prof. Mukesh Kumar Head, Center of Advanced Electronics
21 Dr. Neminath Hubballi Head, Computer and Information Technology
Center
22 Prof. Aruna Tiwari Head, Counselling Services
23 Dr. Pavan Kumar Kankar Head, Training and Placement
24 Prof. Amod C. Umarikar Head, CEVITS



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Professors

25	Prof. Narendra S. Choudhary	Computer Science and Engineering
26	Prof. Abhinav Kranti (present online)	Electrical Engineering
27	Prof. Ram Bilas Pachori	Electrical Engineering
28	Prof. Vimal Bhatia	Electrical Engineering
29	Prof. Krushna R. Mavani	Physics
30	Prof. Suman Mukhopadhyay	Chemistry
31	Prof. Prabhat Kumar Upadhyay	Electrical Engineering
32	Prof. Neelima Devarakonda Satyam	Civil Engineering
33	Prof. Bhupesh Kumar Lad (present online)	Mechanical Engineering
34	Prof. Santosh Kumar Sahu	Mechanical Engineering
35	Prof. Ritunesh Kumar	Mechanical Engineering
36	Prof. Kapil Ahuja (present online)	Computer Science and Engineering
37	Prof. Sampak Samanta	Chemistry
38	Prof. Sanjay Kumar Singh	Chemistry
39	Prof. Ruchi Sharma (present online)	Humanities and Social Sciences
40	Prof. Preeti Anand Bhobe (present online)	Physics
41	Prof. Rajesh Kumar	Physics
42	Prof. Parasharam Maruti Shirage	Metallurgy Engineering and Materials Science

Other Authorities

43	Dr. Lalit Borana (present online)	Chief Warden
44	Dr. Anand Petare	Workshop Superintendent, Central Workshop

Special Invitees

45	Dr. Eswara Prasad Korimilli	Associate Dean, Academic Affairs (PG & Ph.D)
46	Mr. Rajesh Kumar	Assistant Librarian
47	Mr. NeeraJ Kumar	Assistant Registrar, Academic Affairs
48	Mr. Tapesh Parihar	Superintendent, Academic Office
49	Mrs. Bindu Suresh	Jr. Superintendent, Academic Office

Secretary

50	Mr. S. P. Hota	Registrar, IIT Indore
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Leave of absence:

1	Mr. B Anil Baliga	Ex Executive Vice President, VE Commercial Vehicles Ltd,
2	Prof. Abhiram G. Ranade	Professor, Department of Computer Science and Engineering, IIT Bombay
3	Shri Shankar V. Nakhe	Director, RRCAT
4	Prof. Pritee Sharma	Dean, Administration
5	Prof. Manish Kumar Goyal	Dean of Infrastructure Development
6	Prof. I. A. Palani	Dean, Research and Development
7	Prof. Sandeep Chaudhary	Professor-Incharge, Center for Rural Development and Technology
8	Prof. Santosh Kumar Vishvakarma	Electrical Engineering
9	Dr. Indrasen Singh	Head, Center of Futuristic Defense and Space Technology
10	Dr. Sharad Gupta	Convener, Health Center Advisor Committee
11	Prof. Neelesh Kumar Jain	Mechanical Engineering



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12	Prof. Rajneesh Misra	Chemistry
13	Prof. Subhendu Rakshit	Physics
14	Prof. G. S. Murthy	Biosciences and Biomedical Engineering
15	Prof. Vivek Kanhangad	Electrical Engineering
16	Prof. Biswarup Pathak	Chemistry
17	Prof. Apurba K. Das	Head, Sophisticated Instrumentation Center
18	Prof. Sarika Jalan	Physics
19	Prof. Shaibal Mukherjee	Electrical Engineering
20	Prof. Trapti Jain	Electrical Engineering
21	Prof. Manish Kumar Goyal	Civil Engineering
22	Prof. I. A. Palani	Mechanical Engineering
23	Prof. Dhinakaran Shanmugam	Mechanical Engineering
24	Prof. Prashant Kodgire	Biosciences and Biomedical Engineering
25	Prof. Sk. Safique Ahmad	Mathematics
26	Prof. Sudeshna Chattopadhyay	Physics
27	Prof. Swadesh Kumar Sahoo	Mathematics
28	Prof. Raghunath Sahoo	Physics

ITEM 32.1: Welcome and Opening remarks by the Chairman of the Senate.

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

He informed to the committee about the successful completion of the Ceremonial Convocation of the Institute held on 28 December 2022 for the students graduated in the AY 2019-20 and for whom convocation was organized in virtual mode during the pandemic time of COVID-19 in the year 2020. The External experts also appreciated this kind gesture of the Institute for its alumni.

The Chairman informed that the 32nd meeting of the Senate is the continuation meeting of the 31st meeting for confirmation of agenda on the course structures of new UG/ PG programs as well as the revised course structure for the existing UG programs.

ITEM 32.2: Confirmation of the minutes of the 31st Meeting of Senate held on 11 November 2022.

The Senate confirmed the Minutes of its 31st Meeting of Senate held on 11 November 2022.

ITEM 32.3: Action Taken Report (ATR) on minutes of 32nd Meeting of Senate held on 29 December 2022.

The Senate noted the actions taken on the decisions of the 31st Meeting of Senate held on 11 November 2022



ITEM 32.4:**Updated course structure of new UG and PG Programs:**

Based on the suggestions received in the 31st meeting of the Senate, all the concerned departments and groups updated their respective course structures and presented to the Senate for approval.

The Senate discussed all the updated course structures and approved them with following remarks:

- a) **B.Tech. program in Chemical Engineering:** Dr. Eswara Prasad Korimilli, convener of the committee (constituted for the B.Tech. in Chemical Engineering), presented the updated course structure of B.Tech. Program in Chemical Engineering. The distribution of core laboratory courses in the 2nd and 3rd year curriculum is as follows. The total credit of the program will be 158.5:

Sl. No.	Lab name	No. of experiments
3rd Semester		
Lab -1	Computer-aided chemical Engineering lab -1	6-8 experiments
Lab -2	Heat and Mass Transfer Lab	8-10 experiments
Lab -3	Materials Characterization lab	5-8 experiments
4th Semester		
Lab -4	Reaction Engineering lab	8-10 experiments
Lab -5	Fluid Mechanics lab	5-8 experiments
5th Semester		
Lab -6	Bioprocessing lab: Fermentation, Distillation, Filtration, Sedimentation, Chromatography	5-8 experiments
Lab -7	Unit operations Lab	5-8 experiments
6th Semester		
Lab -8	Process Control lab	5-8 experiments
Lab -9	Computer-aided chemical Engineering lab - 2	5-8 experiments

Core courses: Semester wise

Semester 3 - Chemical Engineering Thermodynamics - Transport Phenomena - Materials Science for Chemical Engineers - Chemical Process Calculations	Semester 5 - Fluid Particle systems - Biochemical Engineering - Process Modeling - Chemical Process Synthesis and Simulation
Semester 4 - Fluid Mechanics - Chemical Reaction Engineering - Separation processes	Semester 6 - Computer-Aided Process Equipment Design (Detailed design) - Process Dynamics, Instrumentation & Control - Chemical Process technology and intensification - Plant Design and Economics



- b) **B.Tech. program in Mathematics and Computing:** Head, Department of Mathematics (constituted for the B.Tech. in Mathematics and Computing), presented the updated course structure of B.Tech. Program in Mathematics and Computing. HOD-Mathematics informed the committee that after deliberations in the department, names of course have been kept unaltered as presented earlier. The following is the distribution of the 158 credits for the complete B.Tech. program:

Total Credit			
Semester	Autumn Semester-Credit	Spring Semester-Credit	Total Credit
1st year	19	21.5	40.5
2nd Year	20.5	19.5	40
3rd Year	22	22.5	44.5
4th Year	18	15	33
Total			158

- c) **B.Tech. program in Engineering Physics:** Head, Department of Physics, presented the updated course structure of B.Tech. Program in Engineering Physics. HOD-Physics informed that all the suggestion made by the Senate in its 31st meeting have been incorporated and the total program credits are fixed to 158.5. It was decided that Department of Physics will develop Physics-II Lab for 3rd Semester while Department of Astronomy, Astrophysics and Space Engineering will develop Electronics-I lab for 3rd Semester and Electronics-II lab for 4th semester. It was decided that the common courses will have codes of both the departments.

3 rd Semester			
Course Code	Course Name	(L-T-P)	Credit
ZZXXX	Course -I for minor program	X-X-X	3
MA 203	Complex analysis and Differential Eqs-II	3-1-0	4
PH 201	Classical Mechanics	2-1-0	3
PH 241	Wave Phenomena and Optics	2-1-0	3
PH 291	Electronics-I	2-1-0	3
PH 221	Fundamental Concepts of Solid State Engineering	2-1-0	3
PHXXX	Elective-I	2-1-0	3
PH 293	Physics Lab-II (General Physics Lab)	0-0-3	1.5
PH 295	Electronics Lab-I	0-0-3	1.5
		13-6-6	22/25

4 th Semester			
Course Code	Course Name	(L-T-P)	Credit
ZZXXX	Course II for minor program	X-X-X	3
MA 204	Numerical Methods	2-0-2	3
PH 210	Quantum Mechanics-I	2-1-0	3
PH 222	Thermal Physics	2-1-0	3
PH 290	Electronics -II	2-1-0	3
PH 301	Electrodynamics	1-1-0	2
PHXXX	Elective -II	2-1-0	3
PH 292	Electronics Lab-II	0-0-3	1.5
IE XXX	Open elective -I	2-1-0	3
		13-6-5	21.5/24.5

5 th Semester			
Course Code	Course Name	(L-T-P)	Credit
ZZXXX	Course III for minor program	X-X-X	3
PH 361	Nuclear Science and Engineering	3-1-0	4
PH 311	Quantum Mechanics - II	2-1-0	3
PH 313	Advanced Classical Mechanics	1-0.5-0	1.5
PH 351	Topics in Mathematical Physics	1-0.5-0	1.5
PH XXX	Multiscale Modelling	2-0-2	3
PH XXX	Elective-III	2-1-0	3
PH 391	Physics lab III (Advanced Physics Lab)	0-0-3	1.5
IEXXX	Open elective -II	2-1-0	3
		13-5-5	20.5/23.5

6 th Semester			
Course Code	Course Name	(L-T-P)	Credit
PH 322	Cooperative Phenomena in Solids	2-1-0	3
PH 320	Statistical Mechanics	2-1-0	3
PH 340	Atomic and Molecular Spectroscopy	2-1-0	3
PH 390	UG seminar	0-1-0	1
PH XXX	Elective-IV	2-1-0	3
PH XXX	Elective-V	2-1-0	3
PH 392	Physics Lab IV (Solid State Engineering Lab)	0-0-3	1.5
PH 394	Physics lab V (Spectroscopy and Microscopy)	0-0-3	1.5
IE XXX	Open elective -III	2-1-0	3
		12-7-4	22



7 th Semester			
Course Code	Course Name	(L-T-P)	Credit
PH 499	B. Tech project	0-0-32	16
	Internship-I		1
	Internship-II		1
		0-0-32	18

8 th Semester			
Course Code	Course Name	(L-T-P)	Credit
PH 4XX	PH elective VI	2-1-0	3
PH 4XX	PH elective VII	2-1-0	3
IE 4XX	Open elective IV	2-1-0	3
IE 4XX	Open elective V (or course IV for minor program)	2-1-0	3
IE 4XX	Open elective VI (or course V for minor program)	2-1-0	3
		10-5-0	15

- d) **B.Tech. program in Space Sciences and Engineering:** Head, Department of Astronomy, Astrophysics and Space Engineering, presented the updated course structure of B.Tech. Program in Space Sciences and Engineering. HOD-AASE informed that all the suggestion made by the Senate in its 31st meeting have been incorporated and the total credits for the program are fixed to 158.5.

Semester 5

CODE	Course Name	L-T-P	Credit
ZZxxx	Course III - Minor Program	X-X-X	3
DC9	AA 807 Space Systems - Orbits and Payloads	2-1-0	3
DC19	AA 809 Detectors for Space - I	2-1-0	3
DC11	AA 811 Transited Physics and Radiative Transfer	2-1-0	3
DC12	AA 812 Fluid Dynamics	2-0-0	2
DL4	AA 813 Data Analytics and Visualization for Space	1-0-4	5
DE3	AA 817 Galaxies and Cosmology	2-1-0	3
	AA 805 IoT for Space	2-0-3	3
IE2	Institute Open Elective-II	2-1-0	3
		13-4-6	20/23

Semester 6

CODE	Course Name	L-T-P	Credit
ZZxxx	Course IV - Minor Program	X-X-X	3
DC13	AA 808 Signals & Communications in Space	2-0-2	3
DC14	AA 812 Atmospheric Physics and Remote Sensing	2-1-0	3
DC15	AA 808 Guidance, Navigation and Control	2-0-0	2
DC16	AA 804 Radiation Propagation & Antenna Applications	2-0-1	2.5
DE4	AA 810 Satellite Imaging	2-0-2	3
DE5	AA 818 Meteorology and Climate Modelling	2-0-2	3
	AA 820 Detectors for Space - II	2-0-2	3
	AA 822 Computational Electromagnetics	2-0-2	3
	AA 801 High Energy Astrophysics and Transient Sky	2-1-0	3
	AA 874 Computational Fluids and Structures	2-0-2	3
IE3	Institute Open Elective - III	2-1-0	3
		19-5-23-5	

Semester 7

CODE	Course Name	L-T-P	Credit
AA 499	B.Tech Project	0-0-72	16
	Internship 1		1
	Internship 2		1
		0-0-72	18

Semester 8

DE/E	Course CODE	Course Name	L-T-P	Credit
DE1	AA 476/676	Satellite Based Navigation Systems	2-0-2	3
DE2	AA 412/612	Microwave Remote Sensing	2-0-2	3
	AA 406/606	Astrostatistics	2-1-0	3
	AA 474/674	Radio Astronomy	2-1-0	3
	AA 472/672	Galactic and Extragalactic Astronomy	2-1-0	3
	AA 409/609	Computational Methods in Astronomy and Space Sciences	2-0-2	3
	AA 404/604	Spacecraft Attitude Control and Dynamics	2-0-2	3
IE1	AA 4XX/6XX	Advanced IoT for Space	2-0-2	3
IE2	AA 4XX/6XX	Advanced Optical Instrumentation	2-0-2	3
IE3		Institute Open Electives IV, V, VI	10-5-0	15

- e) **M.Tech. program in Applied Optics and Laser Technology:** Dean Academic, presented the updated course structure of M.Tech. program in Applied Optics and Laser Technology. All the suggestion made by the Senate in its 31st meeting have been incorporated including updated MEQ and EQ. The total credits for the program is fixed to 71 credits.

Semester 1 (Total Credit-17)

Core-1: Advanced Optics(Lab exposure from RRCA7) (course is circulated through aro)

Core 2: PH 745 Laser Physics

Core3: Laser Material Processing and systems(Lab exposure from RRCA7) (course is circulated through aro)

Core 4: MM 645 Multiphysics modelling

Elective -1

PG Seminar (Field based case studies)

Semester 3 & 4: M. Tech (Research project stage -1) (with at least 1 supervisor from IIT Indore and RRCA7) (18 credits in each semester)

Semester 2 (Total Credit-18)

Core-5: Principles and applications of Optical spectroscopy (Lab exposure from RRCA7) (course is circulated through aro)

Core-6 : ME 658/458 Laser Based Measurements and Micro Manufacturing

Core-7: Biophotonics and Optical Imaging Techniques (Lab exposure from RRCA7) (course is circulated through aro)

Elective - 2

Elective - 3

Elective - 4



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Senate discussed and also approved that since it is an inter-disciplinary program, the ownership of the program will be carried with the following departments on a two-year rotation basis till the program is hosted by an independent center:

- a. Department of Mechanical Engineering (starting AY 2023-24)
 - b. Department of Physics
 - c. Department of Astronomy, Astrophysics and Space Engineering
- f) **Executive M.Tech. program:** The Executive M.Tech. program was in-principle approved in the 31st meeting of the Senate. The Dean, Academic Affairs presented the final structure of the program.

The Senate approved the outline of the program.

The Senate advised that as and when required the detailed structure and syllabus may be formulated in consultation with the industry as per the norms of the Institute and presented for the final approval of the Senate.

ITEM 32.5: Revised course structure of the existing UG programs.

In the 31st meeting of the Senate, held on 11 November 2022, the Senate approved the proposal of up-dation in the curriculum for the academic programs of IIT Indore inline with industrial and technological developments and to incorporate features of NEP-2020.

The proposal was deliberated and based on the same concerned departments submitted an overview of proposed changes in the exiting UG programs to be made effective from AY 2023-24.

- **B.Tech. program in Computer Science and Engineering:** The Head, Computer Science and Engineering has proposed following distribution against the existing distribution with total credits 158:

	Existing		Proposed	
Basic or Natural Sciences	32	20.1	25	15.8
Basic Engineering	16	10	9.5	6
Departmental Core	48	30.1	45	28.5
Department Labs	19.5	12.2	9.5	6
Department Electives	9	5.6	20	12.7
Institute Open Elective	6	3.8	18	11.4
HSS	9	5.6	9	5.7
Experiential Learning (BTP+MS+In+IP)	20	12.6	22	13.9
Total	159.5	100%	158.00	100.0%
Range of credits in departments	159.5-168.5		158-167	



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- **B.Tech. program in Mechanical Engineering:** The Head, Mechanical Engineering has proposed following distribution against the existing distribution with total credit as 160.

	Current		Proposed		Range
Department labs	13	8.2%	8	5.0%	5-7%
Departmental Core	58.5	37.0%	47.5	29.7%	27-30%
Department electives	9	5.7%	21	13.1%	8-12%
Basic Engineering Sciences	14.5	9.2%	13.5	8.4%	5-6%
HSS	9	5.7%	9	5.6%	5-6%
Institute open elective	6	3.8%	18	11.3%	9-10%
Experiential learning (BTP)	20	12.7%	18	11.3%	12-14%
Basic Sciences	28	17.7%	25	15.6%	15-17%
	158	100%	160	100.0%	
Range of credits in departments	158		160		

- **B.Tech. program in Metallurgical Engineering and Materials Science:** The Head, Metallurgical Engineering and Materials Science has proposed following distribution against the existing distribution with 159.5 credits:

Classification	Current Distribution	Proposed by Institute	Proposed by Department		DC	DE	DL	IOE
Department lab	6.7%	5-7%	6.3 %	3 rd Sem	5 (14)	1(1)	2(2)	0
Department Core	36.4%	27-30%	30.1 %	4 th Sem	4 (12)	0	3 (3)	1(3)
Department electives	3.8%	8-12%	11.3 %	5 th Sem	4 (11)	2 (4)	2(2)	1(3)
Basic Engineering	10.2%	5-6 %	5.9 %	6 th Sem	5(11)	2(6)	3(3)	1(3)
HSS	5.8%	8-9%	6.3 %	7 th Sem	BTP (16) + Internship -1 & 2			
Institute open elective	3.8%	9-10 %	11.3 %	8 th Sem	0	3 (7)		3(9)
Experiential learning (including BTP)	12.8%	9-10%	11.3 %		48	18	10	18
Basic Sciences	20.4%	15-17%	15.7 %		30.1%	11.3%	6.3%	11.29%

- **B.Tech. program in Civil Engineering:** The Head, Civil Engineering has proposed following distribution against the existing distribution with total credit 158.5:

	Current		Proposed (Example)		Range
Basic or Natural Sciences	30.5	18.4%	25	15.8%	15-17%
Basic Engineering Sciences	14.5	8.7%	9.5	6.0%	5-6%
HSS	9	5.4%	9	5.7%	5-6%
Departmental Core	68.5	40.2%	45	28.4%	27-30%
Department electives	3	1.8%	21	13.2%	8-12%
Institute open elective	6	3.6%	18	11.4%	9-10%
Experiential learning (BTP+MS+internship)	20	12.1%	22	13.9%	12-14%
Department labs	16	9.6%	9	5.7%	5-7%
	165.50	100%	158.50	100.0%	
Range of credits in departments	156.5-165.5		156-160		156-160

Senate discussed all the above proposals and approved in order to proceed further for preparation of detailed curriculum of existing B.Tech. programs to be offered from AY 2023-24.



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Detailed course structures and syllabus of the courses will be discussed in the subsequent meetings of the Senate, subject to the recommendations of the Senate Under Graduated Committee (SUGC) and Senate Post Graduated Committee (SPGC).

ITEM 32.6: Proposal of new courses.

The Senate discussed and approved the following new courses to be offered from AY 2022-23 with suggestions that concerned faculty members may identify the Text Books for the course and rest books may be kept as Reference Books.

S. No.	Course Code and Title of the Course	Contact Hours (L-T-P-Credit)	Program for which course is offered	Faculty Members/ Scientist who undertake responsibility to teach this course
1.	CS 430/ CS 630: Data Center Networking	2-1-0-3	UG/ PG/ Ph.D.	Dr. Neminath Hubballi Dr. Sidharth Sharma Dr. Aniruddha Singh Kushwaha
2.	CS 432/ CS 632: Reinforcement Learning	2-0-2-3	UG/ PG/ Ph.D.	Dr. Surya Prakash Dr. Somnath Dey Dr. Puneet Gupta
3.	CS 334/ CS 434/ CS 634: Wireless Networks and Applications	2-1-0-3	UG/ PG/ Ph.D.	Dr. Aniruddha Singh Kushwaha Dr. Sidharth Sharma
4.	ME 406/ ME 606: Smart Materials based Energy Harvesters Design	2-1-0-3	UG/ PG/ Ph.D.	Dr. Satyanarayan Patel Dr. Harekrishna Yadav

ITEM 32.7: Modification in the Research Thesis Evaluation procedure.

The Senate discussed the two proposals for change in the Research Thesis Evaluation procedure for Ph.D. and MS (Research) programs and approved as follows:

S. No.	Ph.D.	MS (Research)
1.	Thesis will be evaluated by the External Examiners only.	Thesis will be evaluated by the External Examiners only.
2.	Form PTS-3: List of Suggested Examiners for Evaluation of the Ph.D. Thesis will be obtained in following given options: Option-1: Thesis Supervisor will submit Form PTS-3 with list of four examiners (2 national and 2 international) with consent emails	Form MSRTS-2: List of Suggested Examiners for Evaluation of the MS (Research) Thesis will be obtained in following given options: Option-1: Thesis Supervisor will submit Form MSRTS-2 with list of two Indian examiners with

from examiners to evaluate the Thesis.	consent emails from examiners to evaluate the Thesis.
Option-2: List of eight examiners (4 national and 4 international) as per the existing practice without consent email.	Option-2: List of four Indian examiners as per the existing practice without consent email.

ITEM 32.8: Introduction of merit-based scholarship for girl students admitting to the B.Tech. program.

The Senate discussed proposal of the Institute Scholarship Committee and approved that a merit-based Scholarship to be given to the Girls students of B.Tech. program enrolled from AY 2022-23 onwards, in place of full remission of the tuition fee for girl students for their 1st year.

The Senate approved that top 20% of the total registered Girl students of each branch will be given Rs.12,000/- per annum to the eligible Girl students on completion of the concerned academic year.

Senate recommended the financial implications of the proposal to the FC and BOG for approval.

ITEM 32.9: Proposal for revision of fee for Sponsored Category (SW), College Teacher (CT) and Defense Force (DF) students in all programs.

The Senate deliberated on the proposal and approved to increase the tuition fee to Rs.36,000/- per semester (3 times the regular student fee) for Ph.D. students and Rs.35,000/- per semester (5 times the regular student fee) for PG programs for the students admitted under the Sponsored Category (SW) and Defense Force (DF) w.e.f. AY 2023-24. However, the fee applicable under CT category will be unchanged.

Senate recommended the financial implications of the proposal to the FC and BOG for approval.

ITEM 32.10: Proposal for submission of research thesis on Shodhganga.

The Senate approved the proposal to sign an MOU with INFLIBNET Centre regarding submission of Ph.D. thesis on Shodhganga as per the guideline issued by the Government of India for 2022 onwards with following observations:

- The thesis Supervisor(s) may advice that thesis chapters related to the patents or confidential information may be excluded for predefined period.
- In the event of non-receipt of any such advice from the thesis Supervisor(s), the Library will submit entire thesis on the portal.
- IIT Indore will have copyright on all the theses.



- d. As far as the Ph.D. Thesis for 2019-2022 are concerned, this will be uploaded immediately as per the Government of India guidelines after seeking approval from the Thesis Supervisors.
- e. Academic Office will modify the Form no. PTS-7: Submission of Hard Bound Thesis Copies accordingly.

ITEM 32.11: Item for information:

32.11.1: Student exchange program.

The Senate noted the following information.

Mr. Jenish Shah, B.Tech. 4th year, Roll no. 190002026, Department of Electrical Engineering has been selected for the prestigious Charpak Exchange Scholarship in order to go for one semester exchange at IMT Atlantique, France. Mr. Shah will pursue his 8th semester studies at IMT Atlantique to complete the minimum prescribed requirements to award the B.Tech. degree from IIT Indore.

32.11.2: Proposal for Academic Bank of Credits.

The Senate noted concept of Academic Bank of Credits and advised to discuss in-depth and formulate appropriate procedure for implementing it.

ITEM 32.12: Any other item with the permission of the Chair.

32.12.1: To consider the filling-in vacancy in the Board of Governors of IITI to be nominated through the Senate.

The Senate approved the following two members of Senate as Senate Nominee to the Board of Governors of the Institute for a period of 2 years.

1. Prof. Preeti Anand Bhobe, Department of Physics.
2. Prof. Prabhat Kumar Upadhyay, Department of Electrical Engineering.

Meeting ended with the thanks to the chair.



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



(Mr. S. P Hota)
Registrar and Secretary, Senate