



ABV - Indian Institute of Information Technology & Management Gwalior

Minutes of the 28th (01/2023) Meeting of Senate of ABV-IIITM, Gwalior

A meeting of 28th (01/2023) Senate of ABV-IIITM, Gwalior was held on 07th February 2023 (Tuesday) at 15:00 Hours at the MDP of the Institute. The following were present during the meeting.

1. Prof. Sri Niwas Singh	:	Chairman
2. Prof. Kripa Shankar, IITK	:	Member
3. Prof. Chandrashekhar Rao, IITD	:	Member
4. Mr. Kunal Kapoor	:	Member
5. Prof. G. K. Sharma	:	Member
6. Prof. Aditya Trivedi	:	Member
7. Prof. Mahua Bhattacharya	:	Member
8. Prof. K. V. Arya	:	Member
9. Prof. S. Tapaswi	:	Member
10. Prof. P. K. Singh	:	Member
11. Prof. Manisha Pattanaik	:	Member
12. Prof. Gyan Prakash	:	Member
13. Prof. R. Sahu	:	Member
14. Prof. Naval Bajpai	:	Member
15. Prof. Manoj Patwardhan	:	Member
16. Prof. Pankaj Srivastava	:	Member
17. Prof. Joydip Dhar	:	Member
18. Prof. Anurag Srivastava	:	Member
19. Dr. Gaurav Agrawal, AsP	:	Special Invitee
20. Dr. Binod Prasad, AP	:	Special Invitee

The following members could not attend and were granted leave of absence.

1. Prof. Manindra Agarwal
2. Dr. Rajeev Jyoti and
3. Mr. Anurag Upadhyay

Chairman Senate welcomed all the members of the senate, special invitees, and senate secretary.

The item wise minutes of the meeting are as follows:

Item No	Description of Items
Item 28.0	Opening remarks by Chairman Senate
Item 28.1	Confirmation of minutes of 27 th Senate meeting held on 01 st December 2022
Item 28.2	Action Taken Report (ATR) of 27 th Senate meeting
Item 28.3	Finalization of the "Vision and Mission" of the Departments
Item 28.4	To note the reports of Council of Academic & Research (CAR) of the Departments
Item 28.5	List of students completed PhD, M. Tech., MBA, and PhD after the last Senate meeting
Item 28.6	List of students not registered in the current semester, i.e., Jan – Jun 2023
Item 28.7	Discussion on new rules for comprehensive examination of research scholars pursuing PhD
Item 28.8	Discussion on new rules for end-semester evaluation of research scholars pursuing PhD
Item 28.9	Approval of Senate expert nominees of the Departments
Item 28.10	Suggestions to handle the habit of late semester registration by students
Item 28.11	Finalization of SPGC and SUGC preliminary reports on new curriculum design
Item 28.12	Changes in the UFM rules 2022

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Item 28.13	Matter related to special cases of students
Item 28.14	Any other Agenda with the permission of Chair
Item 28.15	Date of next meeting

Item 28.0	Opening remarks by Chairman Senate
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- ✓ First Atal Research and Incubation Conclave (ARIV 2022) is successfully concluded during Dec 8-10, 2022. Salient highlights are:
 - Following people address the gathering and meeting:
 - ❖ Prof Anil Bhardwaj (Director, PRL Ahmadabad); Prof Tom Wada (Dean, Kyukus Univ Japan); Ms Dibya Saxema (French Embassy France); Mr Akshat Agrawal (Consultant SStartup, IIT Delhi); Ms Chestha Sharma (Director, IIPT); Prof A Subbarao (Preseident, Indian Innovation Associate); Mr Reapon Tikoo (CEO Pawai Lab); Mr Prashant Admane, Group Tech Manageger HCL Technogies); Mr Rajendra Inani, Business Head, Smart Cities TATA projects); Dr Nitin Kale (Co-founder & CTO, NanoSniff Tech Pvt Ltd, IIT Mumbai) and many more.
 - ❖ Dr. Anil Gupta, IIM Ahmedabad; Mr. Greet, Belgium, and Mr. Ajay Garg, Meity, New Delhi were available for the online session. Idea Competition was also organized.
 - Students were very enthusiastic to present their work in front of departmental experts. One best poster presentation was given in each department.
 - TIIC and TBI advisory committee meetings were held, and a lot of good suggestions were obtained.
 - Second ARIC 2023 will be planned in Nov/Dec 2023.
- ✓ The first IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2022) is going on 21-23 December 2022.
- ✓ The first round of faculty selection (02/2022 and 03/2022) has been completed and 12 new faculty members have joined the institute till date. The second round of selection is going to start from Feb 20, 2023. Due to the non-availability of visitors' nominee, Professor selection is on hold. Advertisement of open categories for all the levels will be done in March 2023.
- ✓ SUGC and DPGC are working for revised curriculum as per NEP 2020 to be started from July 2023.
- ✓ A MoU is singed between ABV-IIITM and Ryukyus University Japan for bilateral academic and research between the institutions. An agreement has also been signed for the student exchange for short visits.
- ✓ Alumni meet during 15-16 January 2023 and foundation day celebration on 17th January 2023 have been conducted successfully. Prof HP Kincha was chief guest during the Foundation Day.

Item 28.1	Confirmation of minutes of 27th Senate meeting held on 01st December 2022
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As the minutes of the 27th Senate meeting (04/2022) held on 01st December 2022 at ABV-IIITMG Gwalior was circulated to all the members and no comments were received, it was deemed as confirmed.

Item 28.2	Action Taken Report (ATR) of 27th Senate meeting
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The Senate noted the Action Taken Report of 27th Senate.

Accept

Item 28.3	Finalization of the “Vision and Mission” of the Departments
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The “Vision and Mission” of the all the five departments presented to the Senate were approved as such, i.e., without any change. The same is given in Annexure-I.

Item 28.4	To note the reports of Council of Academic & Research (CAR) of the Departments
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The Senate appreciated that the Council of Academic & Research (CAR) of the departments have become functional and noted the minutes of the first meeting of CARs of the departments. The Senate advised the HoDs to take the actions on the comments/suggestion of CAR members.

Item 28.5	List of students completed PhD and M. Tech. after the last Senate meeting
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The Senate approved completion of PhD / M. Tech. / MBA / B. Tech of the following students after the last Senate meeting.

SN	Name	Registration Number	Registration Semester / Date	Completion Semester / Date	Degree
1	Neelam Arya	2015PIT-118	20 th Jul 2015	23 rd Dec 2022	PhD
2	Tushar Schwag	2018BCS-059	Jul – Dec 2018	Jan – Jun 2022	B. Tech.
3	Ramavatu Neelayya Naik	2017IMG-040	Jul - Dec 2017	Jul – Dec 2022	MBA
4	Yash Agrawal	2017IMG-061	Jul – Dec 2017	Jul – Dec 2022	MBA
5	Anshita Sharma	2017IMT-014	Jul – Dec 2017	Jan – Jun 2023	M. Tech.
6	Koteswar Rao Nanavath	2012IPG-118	Jul – Dec 2012	Jul – Dec 2022	M. Tech.

Item 28.6	List of students not registered in the current semester, i.e., Jan – Jun 2023
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The Senate approved discontinuing the academic programs of following students as they did not register in the current semester till date after several reminders.

SN	Roll No	Student Name	Semester	Year	Branch
1	2019IMT-003	Abhishek Gautam	VIII	2019	IMT
2	2020IMG-043	Nikhil	VI	2020	IMG
3	2020PITP302	Gaurav Chaurasia	Part Time	2020	PhD
4	2021VLSI-02	Pratiksha Gupta	IV	2021	M. Tech. VLSI
5	2017IMT-012	Ankit Kumar Meena	Backlog	2017	IMT
6	2018BCS-016	Banoth Priyanka	Backlog	2018	BCS
7	2017BCS-039	Vikram	Backlog	2017	BCS
8	2020PMGP102	Pankaj Kumar Jha	Part Time	2020	PhD

Item 28.7	Discussion on new rules for comprehensive examination of research scholars pursuing PhD
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The rules for comprehensive examination of research scholars pursuing PhD as given in Annexure - II are approved by the Senate.

Item 28.8	Discussion on new rules for end-semester evaluation of research scholars pursuing PhD
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As the current system of marking "satisfactory" or "unsatisfactory" for end-semester evaluation of research scholars is not good enough to provide stark clarity as well as very harsh also for the students as their scholarship is stopped on one unsatisfactory and they are asked to leave the programme for two unsatisfactory, the Senate constituted a committee consisting of the following members to suggest a complete and detailed guidelines for the end-semester evaluation of research scholars pursuing PhD.

1. Prof. Gyan Prakash
2. Prof. K. V. Arya
3. Prof. Pankaj Srivastava
4. Dr. Binod Prasad

The committee would submit its report to the Dean of Academic Affairs within three weeks of its notification for putting it to the competent authority.

Item 28.9	Approval of Senate expert nominees of the Departments
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The Senate approved the lists of the experts of all the departments for the faculty and other selections tabled the Chairman, Senate.

Item 28.10	Suggestions to handle the habit of late semester registration by students
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The following rules for semester registration were approved by the Senate to curb the menace of late registration by the students.

Let the date of registration is day 0. Then, registration on ...

- Day 0: Actual semester fee as per the program and category
- Day 1-4: Actual semester fee as per the program and category + late fee (Rs.2,000/-)
- Day 5-25: Actual semester fee as per the program and category + Late fee (Rs.2,000/-) + Rs.500/- per day starting day 5.
- Registration after Day 25 may be allowed only with a condition of semester withdrawal. However, the late fee is not applicable in this case.
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Accept

Item 28.11	Finalization of SPGC and SUGC preliminary reports on new curriculum design
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The Senate suggested following to complete the design of new curriculums for various programs in order to implement them from July 2023.

1. The SPGC, SUGC, and HoDs are required to convene their meetings frequently to finalize the courses.
2. The first year of B. Tech., BS, IMT, and IMG across all the five department should be exactly same as the students may change branches after first year.
3. The programs should be designed keeping in mind the exit option after every year in the program.
4. A core course in one program may be an elective course in another program.
5. Each UG/IPG program should create a basket of courses that would define a minor degree in that program in another (major) program.
6. There should a be synchronization of courses of UG/PG at semester level in the programs across all the departments to reduce teaching loads in the departments and enable them to offer more electives.
7. Massive Open Online Courses (MOOCs) should be introduced in the programs as per the guidelines of the New Education Policy (NEP) 2020.
8. Some optional courses in each semester and summer should also be offered to enable students to complete the course in effective way.
9. Last semester of UG/PG courses should be electives/MOOCs to enable students to opt for the internship/research/projects in industry/ institutions.
10. The template of the courses will be provided by the DoAA to HoDs to complete the contents, objectives, references, etc.

Item 28.12	Changes in the UFM rules 2022
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As the institute wishes to have zero tolerance in the unfair means, the Senate approved the following changes in the existing UFM rules 2022 that were approved by the senate in its 26th Meeting.

SN	Rule	Existing	Proposed	Penalty
1	B(3)	Brings any electronic gadget (except memory less scientific calculator if permitted in that paper) in the examination hall.	Brings any non-smart electronic gadget (except memory less scientific calculator if permitted in that paper) in the examination hall.	Concerned subject as whole will be awarded "F" grade.
2	C(14)	---	Brings any smart electronic gadgets, e.g., watch, mobile, in the examination hall.	Cancellation of results of the Concerned subject and two other cleared subject/passed subjects in which the student has secured the lowest grade except the subject in which student has UFM, i.e., total three papers will be awarded "F" grades.

Receipt

Item 28.13	Matter related to special cases of students
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The Senate noted the following.

1. List of students who have taken a semester leave due to medical reasons.
 - i. Siddarth Kumar Gautam (Roll No 2018IMT-099) has taken semester withdrawal for the semester Jan-Jun 2023.
2. List of students who have taken withdrawal.
 - i. Om Thorat (Roll No 2021IMT-079) has taken the withdrawal from admission in IMT on 15 Nov 2022 after completing his 1st and 2nd semester.
3. List of students allowed to continue their program with junior batches
 - i. Aditya Meena (2019BCS-003) took admission in the year 2019-20. He completed two semesters but did not show up in 2020-21 and 2021-22. He has been allowed to start from the third semester since 2022-23 with the batch of 2021 on his request. However, he has paid the fee for 2020-21 and 2021-22 to retain his studentship.
 - ii. Majirana Rahul Kumar Lekhrajji (2021IMT-061) took admission in the year 2021-22 but did not show up. He has been allowed to start from the first semester since 2022-23 with the batch of 2022 on his request. However, he has paid all the fee to retain his studentship.
 - iii. Raval Maheshbhai Jivabhai (2021IMT-079) took admission in the year 2021-22 but did not show up. He has been allowed to start from the first semester since 2022-23 with the batch of 2022 on his request. However, his full fee of second semester and hostel and mess fee of third semester is still due.

Senate approved the termination of Bhupendra Meena (2014IPG-030) who was allowed to clear his backlogs by the semester Jul – Dec 2022 as per item 24.16 in the 24th Senate meeting held on 23 May 2022 with a condition that no further extension would be provided. However, did not clear his backlogs and did not report to the institute.

Item 28.14	Any other Agenda with the permission of Chair
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1. The Chairman, Senate suggested to confer Honorary Degree (DSc Honoris Causa) to the eminent personalities in various walks of life, e.g., education, research, business, sports, culture, social service, in the convocations. A committee consisting of the following faculty members has been constituted to suggest (i) a complete and detailed guidelines for the same and (ii) a few eminent personalities to confer Honorary Degree in the next convocation scheduled to be held in June/July 2023.
 - (i) Prof. P. K. Singh
 - (ii) Prof. Anurag Srivastava
 - (iii) Prof. K. V. Arya
2. The Department of Management Studies should plan to start a new BS program in Economics, and they can rename the department itself to make its horizon broader. One such suggested name is Department of Economics and Business Studies.
3. The research proposals under the Research Initiation Grant (RIG), already approved by the FC/BoG in its meeting held in Nov 2008, should be called for from the new entrants, i.e., faculty members. It should be for the Assistant Professor level who has joined this institute first time. They should apply as per guideline approved by BoG within a year of their joining.

Receipt

4. As Dr. Rajeev Jyoti never attended any of the previous four Senate meetings and he did not respond also. It was decided that some other eminent personality should take his place in the Senate. Senate chairman is authorized to nominate such persons after getting the feedback from the senators.

Item 28.15	Date of Next Meeting
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It has been decided that the next Senate meeting shall take place in May 2023.

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


Chairman, Senate


Registrar In-charge

Vision and Mission of the Departments

Department of Applied Sciences

Vision

To develop a strong scientific foundation of Applied Sciences to pursue a successful engineering career.

Mission

- To inculcate ability and proficiency in the students in the field of basic and Applied Sciences so that they can apply these fundamentals in real world applications.
- To introduce the students with novel innovations and cutting-edge technologies.
- To establish Centre of Excellence in niche areas.
- To promote and strengthen R&D programs with other technical institutions in India and abroad.

Department of Computer Science and Engineering

Vision

Global excellence in Computer Science and Engineering education and research as a valuable resource for industry and society adapting to the demands of the persistently changing digital world.

Mission

- To provide in-depth knowledge through effective pedagogies and practical exposure using the latest tools and technologies in the discipline of computer science and engineering.
- To advance academics by performing state-of-the-art research and providing industry-oriented undergraduate and postgraduate programs in the discipline of computer science and engineering.
- To nourish and imbibe human values and excellence, equipping young minds to utilize their creativity and passion in serving the global community's needs.

Department of Electrical and Electronics Engineering

Vision

To achieve Global excellence through Electrical and Electronics Engineering lifelong learning education in the Knowledge Economy.

Mission

- Teaching, research, and extension education in alignment with the new-age autonomous technologies and intelligent solutions.
- Design and development of integrative electrical, electronics and information and communication technology solutions with cross-functional perspectives.
- Nurturing, training, and skilling young minds for innovative electrical and electronics engineering real-time applications and solutions, and entrepreneurial mind set.
- To provide cost effective solutions to the society.

Department of Information Technology

Vision

To produce world class IT professionals, researchers, innovators, and entrepreneurs by enabling them to take up real life challenges.

Mission

- To offer high-quality UG and PG programs in IT field to enable our graduates to become leaders in their profession.
- To provide best infrastructure facilities to achieve excellence in teaching-learning process and research.
- To enhance students' knowledge in the latest technologies through various activities.
- To provide suitable forums for exhibiting creative talents of students and faculty members.
- To offer IT solutions by encouraging Industry-Institute interaction.

Department of Management Studies

Vision

To develop holistic and responsible leaders by creating insightful knowledge and transforming human endeavors through technology-enabled management solutions.

- Holistic leaders place systems thinking at the core of strategic thoughtfulness and effective resource management and require analytical skills to develop and choose among alternatives and empathy to understand and work responsively with others.
- Responsible leaders define, analyze, and make timely decisions.
- Leaders are able to develop a vision for the future and craft a course of action to achieve shared goals.

Mission

- To provide a conducive environment for diversity and inclusiveness.
- To nurture a research culture that fosters ground-breaking ideas, creativity and scholarship.
- To strive to achieve excellence in teaching and research.
- Committed to educating and developing leaders who create value for their stakeholders and society at large.
- To develop business leaders and entrepreneurs who create value and share and use knowledge to deliver equitable and sustainable futures around the world.

Values

We are committed to our vision and mission and to inculcating the following core values:

- **Accountability:** We fulfil our responsibility and remain accountable to stakeholders.
- **Excellence:** We deliver excellence in teaching, research, and service.
- **Engagement:** We value the interests of various stakeholders and strive to foster and strengthen partnerships that support productive exchanges of perspectives and knowledge to the benefit of our students, faculty, and community.
- **Inclusiveness and diversity:** We are committed to principles of equality, diversity, and inclusiveness.
- **Integrity:** We uphold trustworthiness and act with benevolence, righteousness, and propriety.
- **Wisdom:** We embrace the moral dimension of management and prepare students to critically evaluate what they hear and to make decisions coherent with ethical values and virtues.

Alcapp

Comprehensive examination of research scholars pursuing PhD

Eligibility criteria for Comprehensive Examination

Students who have completed the stipulated quantum of course work with specified Cumulative Grade Point Average (CGPA) requirements. In addition, the student should not be under any disciplinary action[#].

Timelines for the Comprehensive Examination

The student is expected to complete his/her comprehensive examination as per the following timeline.

- *PhD students admitted directly with a B. Tech. degree:* Within five semesters (05) after admission in the PhD program.
- *PhD students after completing M. Tech. / MBA / M.Sc.:* Within three (03) semesters after admission in the PhD program.
- *PhD students migrating from M. Tech.:* Within three (03) semesters from the date of joining the PhD program.

The comprehensive examination will be conducted by the student research committee (SRC) of the student and for this purpose SRC may be termed as comprehensive examination board.

Process of Comprehensive Examination

The assessment process of a student in the comprehensive examination will consist of 100 marks and may involve the following components.

1. Performance in course work. (30% component)
2. Written test to assess proficiency in fundamental and advanced concepts in the chosen area of work as well as broad area of their discipline.
3. Oral discussion-based examination after a student's presentation to demonstrate preliminary understating of literature and methodological approaches/existing tools and techniques in the chosen area of work.

Operationalization of these components will be as follows.

Component	Component Description	Share	Minimum Marks to Pass
Component 1	Performance in course work	30 marks	7 CGPA in course work (possible marks range: 21-30)
Component 2	Written test to assess proficiency in area of work	30 marks	15 marks
Component 3	Oral examination after student's presentation	40 marks	20 marks
		100	To pass the comprehensive, a student must pass each component separately and obtain at least 60 marks in total.

Question paper for the written examination

Head of respective departments will set the question paper for written test of comprehensive examination. If the head of department has conflict of interest, then he/she may assign and get question paper from a senior teacher in the department.

Duration of written examination

Receipt

The written component of comprehensive examination may be of one/two hours duration. Appropriate duration of examination may be decided by the SRC of the student. Test questions may be of multiple-choice type, essay-type and problems/computational type.

Description of evaluation components

A student's CGPA in the course work may be directly converted into percentage by multiplying 10. Thirty percent of the score so derived will constitute 30% of the component of the comprehensive examination.

Students will be assessed for their understanding of fundamental and advanced concepts in the broad area of their discipline that will be relevant for their future research.

Students will be assessed for their understanding of research problem formulation, experiment design and knowledge about various methodological approaches. Students are also expected to have some preliminary understanding of literature in their discipline.

Outcome: Student will pass the comprehensive examination if he/she obtains at least 60% percent marks in the comprehensive examination. Students will be provided with two (02) attempts to clear the comprehensive examination. A student will be provided with a second attempt if he/she could not clear the examination in the first attempt. A student may appear for second attempt anytime within three (03) months of time from the date of first attempt examination.

SRC of the student will notify the result of the comprehensive examination in the specified format to the Dean of Academic Affairs.

After clearing the comprehensive examination, a student will be eligible for "State-of-the-art Seminar". A student needs to present and clear the state-of-the-art Seminar within six months from the date when he/she has cleared the comprehensive examination. The outcome of the state-of-the-art Seminar may be satisfactory or unsatisfactory. SRC of the student will notify satisfactory performance in the State-of-the-Art Seminar in the specified format to the Dean of Academic Affairs. In the case of unsatisfactory performance, the student will be asked to improvise and appear for the state-of-the-art Seminar again withing three months (03) of time from the date of the first seminar.

Disciplinary action may involve debarring a student from academic activities for a specified period. Disciplinary action in initiated if a student is involved in ragging, sexual harassment, and any other violation of law. Students are also expected to respect and maintain social decorum and good citizenship behavior. Disciplinary issues pertaining to a student may span evading any rules and include issues such as cheating in examination, copy and pasting in assignments, submitting assignment that is not a student's original work, plagiarism, harassment of fellow students, staff, or faculty members, etc. These violations will be addressed as per existing regulations of the Institute.

Kaushik