



ABV - Indian Institute of Information Technology & Management Gwalior

Minutes of the 32nd (05/2023) Meeting of Senate of ABV-IITM, Gwalior

A meeting of 32nd (05/2023) Senate of ABV-IITM, Gwalior was held on October 31, 2023 (Tuesday) at 16:00 Hours at the Board Room, Admin Building of the Institute in hybrid mode. The following were present during the meeting.

1. Prof. Sri Niwas Singh	:	Chairman
2. Prof. Kripa Shankar, IIT Kanpur	:	Member (Online)
3. Prof. Chandrashekhar Rao, IIT Delhi	:	Member (Online)
4. Prof. Santosh K. Vishvakarma, IIT Indore	:	Member (Online)
5. Mr. Kunal Kapoor, Sun Pharma, Mumbai	:	Member (Online)
6. Mr. Atanu Roy, Biocon, Mumbai	:	Member (Online)
7. Prof. Aditya Trivedi	:	Member
8. Prof. Mahua Bhattacharya	:	Member
9. Prof. K. V. Arya	:	Member
10. Prof. S. Tapaswi	:	Member
11. Prof. P. K. Singh	:	Member
12. Prof. Manisha Pattanaik	:	Member
13. Prof. Gyan Prakash	:	Member
14. Prof. R. Sahu	:	Member
15. Prof. Naval Bajpai	:	Member
16. Prof. Manoj Patwardhan	:	Member
17. Prof. Pankaj Srivastava	:	Member
18. Prof. Joydip Dhar	:	Member
19. Prof. Anurag Srivastava	:	Member
20. Dr. Ajay Kumar, HoD ES	:	Member
21. Dr. Gaurav Agrawal, AsP	:	Special Invitee
22. Dr. Vivek Tiwari, Chairman, SPGC	:	Special Invitee
23. Dr. K K Pattanaik, Chairman, SUGC	:	Special Invitee
24. Dr. Anjali, AP	:	Special Invitee
25. Registrar I/c	:	Secretary

Mr. Anurag Upadhyay could not join the meeting and granted the leave of absence. Chairman, Senate welcomed all the members of the senate, special invitees, and senate secretary.

The item wise minutes of the meeting of following agenda points are as follows:

Item No	Description of Items
Item 32.0	Opening remarks by Chairman Senate
Item 32.1	Confirmation of minutes of 31 st Senate meeting held on 05.09.2023
Item 32.2	Action Taken Report (ATR) of 31 st Senate meeting.
Item 32.3	Approval of Academic Calendar of even semester of academic year 2023-24
Item 32.4	M.Tech Admissions Winter Session (GATE/Non-GATE)

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Item 32.5	Guidelines for applying Re-Minor/ Re-Major examinations on Medical Grounds by the students
Item 32.6	Ratification of SUGC/SPGC committee formation (Oct. 2023 to Sep. 2024)
Item 32.7	Discussion on Ph.D. (part-time) rules for course work replaced by MOOC Subject
Item 32.8	List of students completed Ph.D., B.Tech after the last Senate meeting (Degrees to be awarded)
Item 32.9	Approval of Admission Withdrawal
Item 32.10	To note the reports of Council of Academic & Research (CAR) of the Departments
Item 32.11	Any other Agenda with the permission of Chair
Item 32.12	Date of next meeting

Item 32.0	Opening remarks by Chairman Senate
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- Institute is going to organize several events in coming months:
 - 2nd IEEE International Conference on Computer Vision and Machine Intelligence (CVMI) is planned to be organized during 10-11 December 2023.
 - 2nd Atal Research & Innovation Conclave (ARIC-2023) is organized during 18-19, December 2023.
 - 2nd International Conference on Advances in Nanomaterials and Devices for Energy and Environment "CANDEE-2023 during 19-20 December 2023.
 - 2nd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024) during March 14-16, 2024.
 - Several FDP are being organized by the departments. Recently, Rs 60 lakhs are approved for six courses from MSME.
- Advertisements for Faculty positions are made, and last date is November 01, 2023. Selection is expected in 3rd/4th week of December 2023.
- Ordinances (BTech/IPG, MTech, MBA and PhD) are finalized and printed. The pdf versions are kept on website of the institute.
- Affidavits are taken from those students, who had less than 75% attendance till mid Sem examination, for completing the 75 attendances in the course to appear in the end Sem examination. The same has been sent to their parents for information by the post.
- Advertisements for winter PhD and MTech admissions are made and expected to complete by first week of December 2023.
- At present the highest placement package is 57 lakhs through on campus placement drive.
- **Two** centers of research have been created. These are **Center for Autonomous Systems** and **Centre for Bio-Medical Research**

Item 32.1	Confirmation of minutes of 31st Senate meeting held on 05.09.2023
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As the minutes of the 31st Senate meeting (04/2023) held on September 05, 2023 at ABV-IIITM Gwalior were circulated to all the members. After incorporating the minor suggestions, the minutes

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of the meeting was again circulated and no comments were received and therefore, it was deemed as confirmed.

Item 32.2	Action Taken Report (ATR) of 31st Senate meeting
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The Senate noted the Action Taken Report of 31st Senate meeting.

Item 32.3	Approval of Academic Calendar of even semester of academic year 2023-24
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The Senate approved the academic calendar for even semester of academic year 2023-24 with minor corrections and it is given in **Annexure 1**.

Item 32.4	M. Tech. Admissions Winter Session (GATE/Non-GATE)
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The Senate approved the proposal after minor suggestions (as given below) on M.Tech winter admissions-2023 for both GATE/Non-GATE aspirants with proposed guidelines and eligibility criteria.

For MTech (non-gate):

- 10 questions from mathematics and 10 from aptitude/reasoning test instead of 20 questions of aptitude/reasoning in written test question paper. 30 questions from three departments i.e. CSE, IT and EEE having 10 questions from each department.
- In weightage of academic records, 20 % for intermediate and 40 % of UG course instead of 60% UG only.
- Questions papers will be handled by DOAA.

Item 32.5	Guidelines for applying Re-Minor/ Re-Major examinations on Medical Grounds by the students
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The Senate approved the guidelines for students applying for re-minor/re-major examination(s)/project/thesis evaluations under health grounds.

Item 32.6	Ratification of SUGC/SPGC committee formation (Oct. 2023 to Sep. 2024)
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The senate noted the SUGC/SPGC committee constitution with a tenure of one year i.e. 01st October 2023 to 30th September 2024 except one modification in SUGC. Dr Rahul Kala is replaced by Dr. Veena Anand.

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Item 32.7	Discussion on Ph.D. (part-time) rules for course work replaced by MOOC Subject
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The senate approved that

- (i) The regular course requirement for the part-time PhD students can be replaced by relevant MOOC subjects equivalent to the prescribed credits for the Ph. D programme. The guidelines for grading and evaluation of MOOC courses will be same as approved earlier dated 23-5-2023.
- (ii) The Regular Ph. D. students can also choose maximum 2 (two) MOOC courses for course work.
- (iii) The MOOC courses must be recommended by SRC at the start of the semesters.

Item 32.8	List of students completed Ph.D., B.Tech after the last Senate meeting (Degrees to be awarded)
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The Senate approved and confirmed the award of Degrees to below students.

Ph.D. candidates who successfully completed the requirements for the award of Ph.D. degree in Sep./Oct. 2023:

SN	Name of Ph.D. Scholar	Date of Registration	Supervisor(s)	Thesis Title	Viva-Voce held on
1	Rakesh Singh Tomar	20.07.2015	Prof. J. Dhar Dr. Ajay Kumar	Mathematical Modelling and Dynamical Analysis of Infectious Diseases in Temporal Domain with Co-Infection, Immunization, and Delay	30.09.2023
2	Ankit Parwaliya	23.07.2018	Dr. Anuraj Singh Dr. Ajay Kumar	Study of Impact of Delay(s) in Different Prey-Predator Models	27.10.2023

B.Tech (Computer Science & Engineering) candidates who successfully completed the requirements for the award of B.Tech degree in Sep./Oct. 2023:

SN	Roll No.	Name of the Student
1	2019BCS-024	Harsh Navin Setha
2	2019BCS-073	Yashpal Parmar

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Item 32.9	Approval of Admission Withdrawal
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The senate approved the request of below students for admission withdrawal:

SN	Roll No.	Name	Remarks
1	2023BEE-038	Lokesh Kumar	Withdrawal from course on 05 th October 2023, due to medical issues.
2	2023BMS-010	Erukala Karthik	Withdrawal from course on 29 st August 2023, due to health issues.
3	2023IMT-088	Yuganshu	Withdrawal from course on 18 th October 2023, due to change in career direction.
4	2023VLSI-01	Himanshu Jayant	Withdrawal from course on 21 st September 2023, due to transfer in other city.
5	2023VLSI-02	Himanshu Shekhar	Withdrawal from course on 21 st September 2023, to pursue other course.
6	2022VLSI-04	Gaurav Sharma	Withdrawal from course on 09 th October 2023, opted admission to another institute.

Item 32.10	To note the reports of Council of Academic & Research (CAR) of the Departments
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Reports of Council of Academic & Research (CAR) of the Departments were placed before the Senate. The Senate noted the same and authorize the director to take necessary action as and when required. The name of VLSI and Embedded System MTech program is renamed as IC Design and Technology and course structure is approved as given in **Annexure 2**.

New MTech Courses of CSE, EED and Others will be discussed later. The suggestion of Engineering Science Department for dividing the maths courses into two was not recommended however, Senate authorize the department to reduce the content relevant to the Engineering students and may be approved by the senate chairman.

Item 32.11	Any other Agenda with the permission of Chair
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The internship rules vide notification ABV-IIITMG/DOAA/Notification / 2022-23/5 dated 25th Oct. 2022 section B (V) is proposed to be modified. The senate approved the modification as per mentioned below:

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“ A student is entitled for maximum one summer training/internship and one internship in the last semester during his/her academic programme. The students who are not going for summer training/internship or internship in the last semester of the academic programme are required to do the project/thesis/course work during that time.

It is also approved that

The students who are interested in short internships (less than one semester) in the last semester of their program, have to do the equivalent project/thesis work over and above the internship assignment period in consultation with the respective supervisor of the institute. Student is also required to complete the MOOC course and other requirements.

A list of experts (senate nominee) for selection of non-faculty is approved.

Item 32.12	Date of next meeting
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It has been decided that the next Senate meeting shall take place in Dec 2023/January 2024.

The meeting ended with a vote of thanks to the Chair


Chairman, Senate


Registrar I/c



ABV-Indian Institute of Information Technology and management Gwalior

Academic Calendar: Even Semester and Summer Term (January 2024 - July 2024)

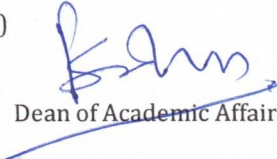
Events	Date(s)
Registration for Even Semesters for BTech, IPG, MTech, MBA and PhD	02 Jan 2024 (Tue)
Classes Begin	03 Jan 2024 (Wed)
Last date for Late Registration with Fine #	06 Jan 2024 (Sat)
Last Date of Course Add/Drop for the Semester	10 Jan 2024 (Wed)
Foundation Day of ABV-IIITM Gwalior	17 Jan 2024 (Wed)
Mid-Semester Examination (Laboratory)	22 Feb 2024 (Thu) - 24 Feb 2024 (Sat)
Mid-Semester Examination (Theory)	26 Feb 2024 (Mon) - 02 Mar 2024 (Sat)
Application for Re-Mid-Semester Examination (Theory and Laboratory) *	04 Mar 2024 (Mon) Up to 5 PM
Re-Mid-Semester Examination (Theory and Laboratory)	06 Mar 2024 (Wed) - 07 Mar 2024 (Thu)
Last date for Return of Corrected Answer Scripts of Mid-Sem Examination	15 Mar 2024 (Fri)
Mid-Semester Evaluation of B. Tech. Projects and Masters' Thesis Works	21 Mar 2024 (Thu) - 23 Mar 2024 (Sat)
Last date for Submission of Mid-Sem Evaluation Marks (including Masters' Thesis) to Academic Section (Hard Copy)	23 Mar 2024 (Sat)
Mid semester break	24 Mar 2024 (Sun) - 31 March 2024 (Sun)
End-Semester Feedback	16 Apr 2024 (Tue) - 19 Apr 2024 (Fri)
Last Day of Classes	19 Apr 2024 (Fri)
End-Semester Examination (Laboratory)	20 Apr 2024 (Sat) - 23 Apr 2024 (Tue)
End-Semester Examination (Theory)	24 Apr 2024 (Wed) - 30 Apr 2024 (Tue)
Application for Re-End-Semester Examination (Theory and Laboratory) *	01 May 2024 (Wed) up to 5 PM
Re-End-Semester Examination (Theory and Laboratory)	03 May 2024 (Fri) - 04 May 2024 (Sat)
End-Semester Evaluation of B. Tech. Projects and Masters' Thesis Works	06 May 2024 (Mon) - 08 May 2024 (Wed)
End semester evaluation of PhD students	09 May 2024 (Thu) - 14 May 2014 (Tue)
Summer Training	13 May 2024 (Mon) - 14 Jul 2024 (Sun)
Submission of Grades to Departments for moderation	15 May 2024 (Wed)
Submission of Final Grades to the Academic Section	17 May 2024 (Fri)
Summer Vacation (For Faculty)	20 May 2024 (Mon) - 09 Jul 2024 (Tue)
Registration of 2024-25 batch Students of MBA and PhD	23 Jul 2024 (Tue)
Registration of Old Students - B.Tech., IPG, M.Tech., MBA and PhD	24 Jul 2024 (Wed)
Classes Begin for Old Students and 2024-25 batch MBA & PhD	25 Jul 2024 (Thu)
Late Registration for all students IPG, MBA, MTech, & PhD with Penalty #	27 July 2024 (Sat)

*Only on the genuine/medical ground/approved by the Competent Authority, as per Institute norms

Refer to the notification ABV-IIITMG/DOAA/Notification/2022-23/28 dated 10 March 2023 for late registration

SUMMER TERM 2024	
Summer semester registration (subject to approval of DoAA)	20 May 2024 (Mon)
Classes begin	21 May 2024 (Tue)
Last date of payment of fee	24 May 2024 (Friday)
Minor Examination	21 June (Fri) - 23 June (Sun) 2024
Warning by the course instructor to attendance deficit students with information to DoAA	15 June 2024 (Sat)
Major Examination	18 Jul (Thu) - 21 Jul (Sun), 2024
Submission of Marks and grades to the academic section	22 July 2024 (Mon)

Registration for 2024-25 B.Tech., IPG and MTech shall begin tentatively on 05 Aug 2024 (Mon)


Dean of Academic Affairs

Date: 25/10/2023

Proposal for the change of M.Tech. in VLSI and Embedded System Branch Name**Subject:** Regarding the change of M.Tech. in VLSI and Embedded System Branch Name to IC Design and Technology

A committee, comprising the following members, has been formed by the HoD to propose a change in the M.Tech. program for the VLSI and Embedded System branch:

1. Dr. Somesh Kumar
2. Dr. Gaurav Kaushal
3. Dr. Biswabandhu Jana
4. Dr. Alok Kamal

The committee has conducted several meetings to deliberate on this task. After extensive discussions, the committee recommends changing the branch name from "VLSI and Embedded System" to "IC Design and Technology." The credit requirements have been reevaluated based on the existing courses, and the proposed changes are outlined below:

New Branch Name Suggested: IC Design and Technology

Total credit – 22+21+18+18 = 79

Semester I				
S. No.	Subject Code	Title of the course	L-T-P	Credits
1		Digital IC Design	3-0-2	4
2		System Design using HDL	3-0-2	4
3		CAD for VLSI	3-0-2	4
4		IC Technology	3-0-0	3
5		Device Modelling and Simulation	3-0-2	4
6		Elective 1	3-0-0	3
			Total credits	22
Semester II				
1		Microcontroller and Embedded Systems	3-0-2	4
2		Analog IC Design	3-0-2	4
3		Art of Engineering Research & Entrepreneurship	2-0-2	3
4		Machine Learning	3-0-2	4
5		Elective- II	3-0-0	3
		Elective-III	3-0-0	3
			Total credits	21

Semester III				
S. No.	Subject Code	Title of the course	L-T-P	Credits
1		Elective-IV/MOOC course	3-0-0	3
2		Elective-V/MOOC course	3-0-0	3
3		Major Project part I/Internship	-	12
			Total credits	18

Semester IV				
S. No.	Subject Code	Title of the course	L-T-P	Credits
1		Major Project part II/Internship	-	18
			Total credits	18

References

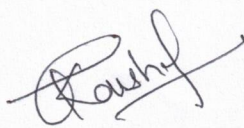
1. https://www.ee.iitb.ac.in/web/course_structure/ee6-integrated-circuit-and-systems-2019-onwards/
2. <https://engineering.tamu.edu/cse/research/areas/electronic-design-automation-and-vlsi.html>
3. https://iitj.ac.in/uploaded_docs/dept_upload/ee/vlsi_document-2022-04-28-13-07-pm.pdf

Suggestions

Students may go to internship for one year after 2nd semester. After 3rd semester students can come back to the institute for 4th Sem. After 3rd Semester, students can also go for internship. One member from industry will be included as a mentor.



Dr. Somesh Kumar



Dr. Gaurav Kaushal



Dr. Biswabandhu Jana



Dr. Alok Kamal



Prof. Manisha Pattanaik (HoD, EEE)

Dean of Academic Affairs (DOAA)

maybe
Name changed &
course template may be
approved

