ABV - Indian Institute of Information Technology & Management Gwalior

Minutes of the 33rd (01/2024) Meeting of Senate held on 17-01-2024.

A meeting of 33rd (01/2024) Senate of ABV-IIITM, Gwalior was held on January 17, 2024 (Wednesday) at 14:30 Hours at the Board Room, Admin Building of the Institute. The following were present during the meeting.

1.	Prof. Sri Niwas Singh	:	Chairman
2.	Prof. Kripa Shankar, IIT Kanpur	:	Member
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
6.	Mr. Anurag Upadhyay	:	Member
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.	Prof. Gaurav Agrawal	:	Member
22.	Prof. K K Pattanaik, Chairman, SUGC	:	Member
23.	Dr. Vivek Tiwari, Chairman, SPGC	:	Special Invitee
24.	Dr. Anjali, AP	:	Special Invitee
25.	Mr. K K Tiwari, Registrar	:	Secretary

Mr. Atanu Roy, Biocon, Mumbai 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 33.0	Opening remarks by Chairman Senate
Item 33.1	Confirmation of minutes of 32nd Senate meeting held on 31.10.2023
Item 33.2	Action Taken Report (ATR) of 32nd Senate meeting
Item 33.3	Revised fee for Academic related activities from 01st Dec. 2023
Item 33.4	Approval of Fixation of the fees for B.Tech. (CSE/EEE/MSC), IMT, IMG, MBA, M. Tech. and Ph.D. for the year 2024-25
Item 33.5	Details of new Admissions in M.Tech. Admission (Winter Session) and Ph.D. Programme
Item 33.6	Details regarding registration for the even semester academic year 2023-24
Item 33.7	Ratification of Decision of Chairman Senate on Termination of admission of Ms. Sonu Sidhwani from Ph.D. Programme
Item 33.8	Approval of Semester Withdrawal / Admission Withdrawal
Item 33.9	Approval of Continuation of degree extended students
Item 33.10	Approval of Course Completion / Degree to be Awarded
Item 33.11	Seat Matrix for CCMT/JoSAA/DASA Admissions of Odd Semester for session 2024-25.
Item 33.12	Revised Course Structure of M. Tech (IC Design and Technology), Department of Electrical & Electronics Engineering
Item 33.13	Approval of Adjunct Faculty Appointment
Item 33.14	Discussion on odd semester 2023-24 (July-Dec.'23) Result Analysis
Item 33.15	Any other Agenda with the permission of Chair
Item 33.16	Date of next meeting

Item 33.0	**Opening remarks by Chairman Senate**

- Ordinances (BTech/IPG, MTech, MBA and PhD) are finalized and printed. The pdf versions are kept on website of the institute.
- Revised course curriculum with contents 2023 is prepared.
- Institute has successfully organized following events:
  - 2nd IEEE International Conference on Computer Vision and Machine Intelligence (CVMI) was organized during December 10-11, 2023.
  - 2nd Atal Research & Innovation Conclave (ARIC-2023) was organized during December 18-19, 2023.
  - 2nd International Conference on Advances in Nanomaterials and Devices for Energy and Environment "CANDEE-2023 during 19-20 December 2023.
- Selection of non-faculty posts (Medical officer and Dy. Librarian (one post each) is completed.
- Selection of faculty posts (Assistant Professors (Level-11 & Level-12) and Professors) are completed and apart from the internal faculty members, 4 new faculty members will be joining the institute soon.
- Selection of winter PhD and MTech admissions are completed and is put up in this meeting.
- Results of odd semesters of all the students are declared and result analysis is being put up in the meeting.
- Institute has its alumni day on 16th and foundation day on 17th January 2024.
- 2nd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024) is scheduled in during March 14-16, 2024.

Item 33.1	Confirmation of minutes of 32nd Senate meeting held on 31.10.2023

The minutes of the 32nd Senate meeting (05/2023) held on October 31, 2023 at ABV-IIITM Gwalior were circulated to all the members. After incorporating the minor suggestions received from members, the minutes of the meeting were again circulated. No comments were received on re-circulated minutes therefore, minutes are deemed as confirmed.

Item 33.2	Action Taken Report (ATR) of 32nd Senate meeting

The Senate noted the Action Taken Report of 32nd Senate meeting held on 31-10-2023.

Item 33.3	Revised fee for Academic related activities from 01st Dec. 2023

The Senate approved the revised fee for academic related activities with effect from 01st December 2023 and is given in at **Annexure 1.**

Item 33.4	Approval of Fixation of the fees for B.Tech. (CSE/EEE/MSC), IMT, IMG, MBA, M.Tech. and Ph.D. for the year 2024-25

The Senate approved the fixation of the fees for B. Tech. (CSE/EEE/MSC), IMT, IMG, MBA, MTech. and Ph.D. program of the institute for all newly admitted students from academic year 2024-25 batches. The same is given in at **Annexure 2.**

Item 33.5	Details of new Admissions in M.Tech Admission (Winter Session) and Ph.D. Programme

The Senate noted the new admissions in MTech (Winter Session) and Ph.D. Programme (Winter Session).

Item 33.6	Details regarding registration for the even semester academic year 2023-24

The senate noted the registration for the even semester academic year 2023-24.

S. No.	Batch	Total Students	Register Students	Withdrew / LEFT	Not Registered
1	B.Tech-2023	81	81	-	0
2	B.Tech-2023	37	37	-	0
3	B.Tech-2023	30	30	-	0
4	IPG-M.Tech-2023	88	88	-	0

5	IPG-MBA-2023	61	61	-	0
6	B.Tech-2022	79	79	-	0
7	IPG-M.Tech-2022	119	118	-	1
8	IPG-MBA-2022	63	62	1	0
9	B.Tech-2021	78	78	-	0
10	IPG-M.Tech-2021	112	112	-	0
11	IPG-MBA-2021	66	64	1	1
12	B.Tech-2020	76	76	-	0
13	IPG-M.Tech-2020	110	109	1	0
14	IPG-MBA-2020	53	53	-	0
15	IPG-M.Tech-2019	113	113	-	0
16	IPG-MBA-2019	60	60	-	0
17	M.TECH-2023	21	21	-	0
18	M.TECH-2022	15	14	-	1
19	MBA-2023	28	28	-	0
20	MBA-2022	4	4	-	0
21	PH.D.	91	89	-	2*
22	L.EXIT	12	12	-	0
23	BACKLOG	9	9	-	0
	TOTAL	1406	1398	3	5

* One Student is about to submit the thesis and one has left the program.

The Senate noted the same and approved the discontinuation of the not registered students. However, student can appeal to the senate chairman who can take appropriate decision to each case.

Item 33.7	**Ratification of Decision of Chairman Senate on Termination of admission of Ms. Sonu Sidhwani from Ph.D. Programme**

The senate ratified the decision of Chairman Senate on termination of Ms. Sonu Sidhwani (Roll No. 2019PAM-102) from Ph.D. Programme of the institute.

Item 33.8	**Approval of Semester Withdrawal / Admission Withdrawal**

The senate approved the request of below students for admission withdrawal:

SN	Roll No.	Name
1	2022IMG-013	Anurag Santosh Ghoderao
2	2021IMG-065	Yash Goyal
3	2020IMT-092	Shivam Tiwari

Item 33.9	Approval of Continuation of degree extended students

The senate approved the request of below students for extension of course for Jan-June 24:

SN	Roll No.	Name
1	2018IMT-099	Siddharth Kumar Gautam
2	2018IMT-047	Kovid Gore
3	2017IMG-043	Sajal Umesh Agrawal
4	2017IMT-021	Ashish Kumar
5	2017IMT-112	Yashwanth Gond
6	2017IMT-047	Kavila Bhushanam
7	2017IMT-087	Vaibhav Singh
8	2019BCS-032	Lakshya Gupta
9	2018BCS-062	Vasant Rao

Item 33.10	Approval of Course Completion / Degree to be Awarded

The Senate approved and confirmed the award of Ph.D. Degree of following 4 students:

Sr No	Name of Ph.D. Scholar	Supervisor(s)	Thesis Title	Viva-Voce held on
1	Ms. Richa Sharma	Prof. G.K.Sharma Prof. M. Pattanaik	Machine Learning Based Defence Techniques Against Poisoning and Hardware Trojan Attacks	03.11.2023
2	Mr. Abhijeet Vikramaditya Tiwari	Prof. N. Bajpai Dr. Vishal Vyas	An Analysis of Psychological Factors Leading to Memorable Tourism Experience (MTE), Affecting Revisit Intention in Tourist	01.12.2023
3	Mr. Anil Kumar Rajput	Prof. M. Pattanaik	Energy-Aware VLSI Architectures for In-Memory Computing System	20.12.2023
4	Mr. Himanshu Gautam	Prof. K.K. Pattanaik Dr. Saumya Bhadauria	Towards Efficient Edge Intelligence Framework Design for Smart Manufacturing	30.12.2023

The Senate approved and confirmed the award of B.Tech (IT) + M.Tech (IT) Degree to following One (01) student:

SN	Roll No.	Name of the Student
1	2018IMT-105	Vinay Pratap Indoriya

Item 33.11	Seat Matrix for CCMT/JoSAA/DASA Admissions from Odd semester of session 2024-25.

The Senate approved the seat matrix for CCMT/JoSAA/DASA admissions for academic year 2024-25 i.e. odd semester (2024-25) and the same is given in at **Annexure 3.**

Item 33.12	Revised Course Structure of MTech. (IC Design and Technology) Department of Electrical & Electronics Engineering

The Senate approved the revised course Structure of MTech (IC Design and Technology) from the Department of Electrical & Electronics Engineering and is given in at **Annexure 4.**

Item 33.13	Approval of Adjunct Faculty Appointment

Based on the recommendation of selection committee for adjunct faculty, the Senate approved the following Adjunct Faculty members for two years.

SN	Name	Affiliations	Department
1	Dr. Ashok Chandra	Former Wireless advisor, GoI	Computer Science & Engineering
2	Dr. Krishna Murthy Bulusu	GM (project), NIXI-CSC Data Services Ltd	
3	Dr. Y.N. Srikant	Ex-Professor, IISc Bangalore	
4	Dr. Sanjeet Kumar Dwivedi	Tech Project Manager, EVERFUEL Denmark	Electrical and Electronics Engineering
5	Er Preet Yadav	Program Manager, NXP Semiconductor Noida	
6	Dr. Surendra Pal	Senior Advisor, ISRO	
7	Dr. Prawal Sinha	Ex-Professor, IIT Kanpur	Engineering Sciences
8	Dr Karmeshu	Ex-Professor, JNU New Delhi	
9	Dr PD Srivastava	Ex-Professor, IIT Kharagpur	
10	Dr. Sanjay Kumar Bose	Ex- Professor, IIT Kanpur/IIT Guwahati	Information Technology
11	Mr. Sushil Kumar	Deputy DG, TEC (IoT Division)	
12	Dr Jyotirmoy Karjee	SE, Samsung R & D Institute India	
13	Mr. Abhishek B Sharma	MD, Beyond Evolution Tech Solution Pvt Ltd	Management Studies
14	Mr. Vivek Y Kelkar	CEO The Cosmopolitan Globalist	
15	Dr. Harish B Suri	Academician & Consultant, Mumbai	

Item 33.14	Discussion on Odd semester 2023-24 (July-Dec.'23) Result Analysis

The senate deliberated on the results of July-Dec 2023 semester and observed that grading system is not uniform. The senate also suggested that a proper guideline can be prepared to take care of grading while providing the freedom to the teacher.

Item 33.15	Any other Agenda with the permission of Chair

No other agenda was discussed.

Item 33.16	Date of Next Meeting

It has been decided that the next Senate meeting shall take place in March /April 2024.

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

Chairman, Senate

Registrar

17/01/24

Annex 1

Atal Bihari Vajpayee-Indian Institute of Information Technology and Management Gwalior-474015 (MP)
(An Institute of National Importance under Ministry of Education, Govt. of India)

No: ABVIIITM/AC/AR/Fee-Rev/   28 Nov 2023

Consequent to the notification dated 18 Nov 2023 for review of fees related to students, a meeting of the concerned committee was held at the Office of the DoAA at 11:30 AM.

Deliberation was done for review of present fees for different activities and considering the present scenario, fee charged at other institutions and postal charges, the following was recommended unanimously:

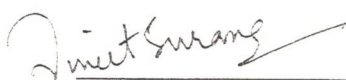## Revised fee for Academic related activities from 01 Dec 2023

S. N	Particulars	Existing Fees (Rs)	Revised Fees (Rs)
1	Degree certificate		
	i) **During Convocation**	-----	------
	ii) **After Convocation**	1000	1200
2	Duplicate Degree Certificate (Only one original)	1000	1200
3	Duplicate Grade Card	250	400
4	Certificate of Instructions in English	100	200
5	Character Certificate (Only one original)	100	200
6	Verification of Degree Certificates, CAT/JMET rank etc (for each individual verifications)	1500	1500
7	Transcripts (only one original)	250	400
8	Bonafide Certificate	50	100
9	Bonafide Residentship Certificate		200
10	Provisional Degree Certificate	750	1000
11	Transfer/Migration Certificate	100	200
12	Duplicate Identity Card	300	500
13	*Courier/Postage:		
	i) Within India		200
	ii) Outside India		2000

*All the charges from S.N 1 to 12 are excluding Courier/Postage charges.
Procedure for application shall remain the same as earlier.

1. Summer term backlog course fees for each course is recommended as Rs 6000/- (including examination charges) for any eligible student registering in the same subject to availability of faculty. Minimum 5 students are required to run the course for the summer semester. In special cases, Chairman, Senate can reduce the number of required students.
2. Cultural activity fee of Rs 1000/- per semester for each student during each semester registration.
3. Fee for other cultural activities to be abolished from among One time payment fee during the time of admission.
4. Fee of Rs 2000/- for Techno Managerial activities to be introduced among One time payment fee during the time of admission.
5. Degree certificates, which are not collected during the corresponding convocation shall be sent by Courier/Post once, to their registered address, if provided, after the convocation. The charges for the same shall be deducted from the Caution money of the respective student.

The meeting ended with a Thanks to the Chair at 12:15 PM.
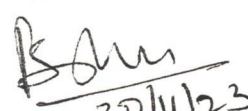
DIRECTOR

(Vineet Surana)	(Ms Khushi Sachan)	(Dr Anjali)
Convener	Member	Member

	(DoSA)	(DoAA)
	Member	Chairman

ABV-IIITM, Gwalior

Date: January 10, 2024

Pursuant to the notification no.ABV-IIITMG/Reg/3326 dated 22-12-2023, the committee constituted for fixation of the fees for **"B. Tech. – CSE, IMT, IMG, MBA, M. Tech. and PhD"** met on 10th January 2024, at 12:15 PM in Room No. B-106, Academic Block, ABV-IIITM, Gwalior.

The following members of the committee were present in the meeting:

1. Prof. J Dhar   -   Chairman
2. Shri K K Tiwari   -   Member
3. Prof. Pankaj Srivastav -   Member
4. Prof. K.V. Arya   -   Member
5. Prof. K.K. Pattanaik   -   Member
6. Mr. Anil Garg   -   Convener

At the outset the committee members appraised in detail the existing fee structure, and deliberations were made for review of existing fee. The committee after considering all the facts involved in the matter, concluded to enhance the fee as per details attached as Annexure – I, II & III, along with following recommendations:
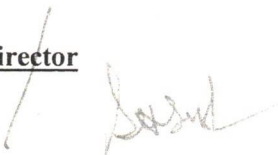
➤ Tuition fee of the UG Program (B. Tech., BS, BMA, BEE, IMT, and IMG) except DASA students should be increased approximately by 10% and rounded up to the next thousand rupees for the newly admitted students in the year 2024.

➤ The tuition fee of PhD & MBA Program should also be increased approximately by 10% and rounded up at the appropriate level for the newly admitted students in the year 2024. Thus, the tuition fee of PhD Course is enhanced from ₹ 28000 to ₹ 30000 and from ₹ 75000 to ₹ 80000 for MBA Course.

➤ The fee of M-Tech course should not be enhanced as the fee of M-Tech course in the Institute is comparatively at par with other Institutes of National Importance.

➤ The Hostel Mess fee should be increased to ₹ 18,000/- per semester for all the students.

➤ Cultural activity fee of ₹ 1,000/- per semester may also be subsumed into the existing fees structure from the semesters commencing from July 2024 and will be charged from all existing and new students.

➤ The "Other Cultural Activities" fee should be renamed to "Techno Managerial Activity Fee" under one-time payments.

➤ The above revised fee, Onetime Fee are attached as Annexure-I and Annexure-II and for DASA Scheme Students the revised fee attached as Annexure-III.

With the above recommendations the meeting ended with thanks to the chair.

Mr. Anil Garg   Prof. K. K. Pattanaik   Prof. K V Arya   Prof. P. Srivastava   Shri K K Tiwari   Prof. Joydip Dhar

Submitted for necessary approval and directions.

Director

ABV-IIITM, Gwalior (2024-25 Batch)

S. No.	Particulars	BCS/BMS / BEE/IMT/IMG		Ph.D.		MBA		M. Tech.	
		Existing Fee	Revised Fee	Existing Fee	Revised Fee	Existing Fee	Revised Fee	Existing Fee	Revised Fee
A	**Institute Fees (Per Semester)**								
1	Tuition Fees (*)	72,000	79,000	28,000	30,000	75,000	80,000	61,000	61,000
2	Examination Fees	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
3	Library Fee	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
4	Registration/Enrolment Fees	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
5	Internet and Computer Charges	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
6	Medical Facilities	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
7	Cultural Activity Fee	0	**1,000**	0	**1,000**	0	**1,000**	0	**1,000**
	Total Institute Fee (A)	80,000	88,000	36,000	39,000	83,000	89,000	69,000	70,000
B	**Hostel Fees (Per Semester)**								
1	Hostel Room Charges	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
2	Hostel Mess Fee	16,000	18,000	16,000	18,000	16,000	18,000	16,000	18,000
	Total Hostel Fee (B)	28,000	30,000	28,000	30,000	28,000	30,000	28,000	30,000
C	**One Time Payments (at the time of admission only)** *includes refundable security deposit of ₹ 10,000.*	27,250	27,250	29,250	29,250	27,250	27,250	27,250	27,250
D	Hostel Mess Security Deposit *(refundable)*	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	Grand Total - A+B+C+D:	1,40,250	1,50,250	98,250	1,03,250	1,43,250	1,51,250	1,29,250	1,32,250

(*) - Tuition fee waiver for SC/ST Students.
(*) - Tuition fee waiver for PwD Students in B. Tech./ BMS/BEEE only.

ABV-IIITM, Gwalior (2024-25 Batch)

One Time Payments (at the time of admission)

S. No.	Particulars	B. Tech/ BEE/ BMS	IMT/ IPG	MBA /M-Tech	Ph.D.
1	Admission Fees	1,500	1,500	1,500	1,500
2	Thesis Fees	0	0	0	3,000
3	Grade Card	750	750	750	750
4	Provisional Certificate	1,000	1,000	1,000	1,000
5	Student Welfare Fund	5,000	5,000	5,000	5,000
6	Identity card	500	500	500	500
7	Alumni Fees	1,000	1,000	1,000	1,000
8	Training & Placement charges	2,000	2,000	2,000	1,000
9	Sports Activities	3,000	3,000	3,000	3,000
10	Techno Managerial Activity Fee (*)	2,000	2,000	2,000	2,000
11	Institute Security Deposit	5,000	5,000	5,000	5,000
12	Library security deposit	5,000	5,000	5,000	5,000
13	Hostel Development Fees	500	500	500	500
	Total:	**27,250**	**27,250**	**27,250**	**29,250**

(*) No Change in One Time Payment except change in nomenclature of "Other Cultural Activities" to "Techno Managerial Activity Fee" at sr. no.10.

ABV-IIITM, Gwalior (2024-25 Batch)

S. No.	Particulars	DASA	
		Existing Fee	Revised Fee
A	**Institute Fees (Per Semester)**		
1	Tuition Fees (*)	0	0
2	Examination Fees	1,500	1,500
3	Course Material Fees/Library Fee	2,000	2,000
4	Registration/Enrolment Fees	1,000	3,000
5	Internet and Computer Charges	2,000	2,000
6	Medical Facilities	1,500	3,000
7	Cultural Activity Fee	0	**1,000**
	Total Institute Fee (A)	**8,000**	**12,500**
B	**Hostel Fees (Per Semester)**		
1	Hostel Room Charges	12,000	24,000
2	Hostel Mess Fee	16,000	18,000
	Total Hostel Fee (B)	**28,000**	**42,000**
C	**One Time Payments (at the time of admission for new students in July 2024)**	27,250	31,750
D	**Hostel Mess Security Deposit**	**5,000**	**5,000**
	Grand Total - A+B+C+D:	**68,250**	**91,250**

(*) - Tuition fee of Students admitted under DASA Scheme will be determined by the DASA Agency.

One Time Payments (at the time of admission)

S. No.	Particulars	Existing Fee	Revised Fee
1	Admission Fees	1,500	5,000
2	Grade Card	750	750
3	Provisional Certificate	1,000	2,000
4	Student Welfare Fund	5,000	5,000
5	Identity card	500	500
6	Alumni Fees	1,000	1,000
7	Training & Placement charges	2,000	2,000
8	Sports Activities	3,000	3,000
9	Techno Managerial Activity Fee	2,000	2,000
10	Institute Security Deposit	5,000	5,000
11	Library security deposit	5,000	5,000
12	Hostel Development Fees	500	500
	Total:	**27,250**	**31,750**

ABV-IIITM Gwalior

Seat Matrix (Academic Year 2024-25)

Institute Code	Institute Name	Program Code	Program Name	Seat Pool (State Quota or Other State/All India Quota)	Seat Pool (Gender-Neutral or Female-only)	OPEN	OPE N-PwD	GEN-EWS	GEN-EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	Total (includes Female Supernumerary)	Program-Total Seat Capacity	Female Supernumerary
301	ABV-Indian Institute of Information Technology and Management Gwalior	4110	Computer Science and Engineering (4 Years, Bachelor of Technology)	All India	Gender-Neutral	26	1	6	0	8	1	4	1	16	0	75	63	12
				All India	Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	3	0			
		New	Electrical and Electronics Engineering (4 Years, Bachelor of Technology)	All India	Gender-Neutral	13	1	3	0	4	0	2	0	8	1	40	32	8
				All India	Female-only (including Supernumerary)	3	0	1	0	1	0	1	0	2	0			
		New	Mathematics and Scientific Computing (4 Years, Bachelor of Technology)	All India	Gender-Neutral	10	1	2	0	3	0	2	0	6	0	30	24	6
				All India	Female-only (including Supernumerary)	2	0	1	0	1	0	0	0	2	0			
		5902	Integrated Post Graduate Program (5 Years, B.Tech(IT) + M.Tech (IT))	All India	Gender-Neutral	29	0	7	0	10	1	5	0	19	1	90	72	18
				All India	Female-only (including Supernumerary)	8	1	2	0	2	0	1	0	4	0			
		5903	Integrated Post Graduate Program (5 Years, B.Tech(IT) + MBA)	All India	Gender-Neutral	22	0	4	0	6	0	3	0	12	1	60	48	12
				All India	Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	3	0			
				All India	Total	123	4	28	0	39	2	20	1	75	3	295	239	56

Annex. 3

ABV-IIITM Gwalior
CCMT Seat Matrix 2024-25

Department Name	Programme	OPEN	OPEN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PWD	OBC	OBC-PWD Total	Total	Quota
Department of Computer Science & Engineering	Information and Cyber Security	7	0	1	1	3	0	1	0	4	0	17	AI
Department of Electrical & Electronics Engineering	IC Design and Technology	6	0	1	0	3	0	1	0	4	1	16	AI
Department of Information Technology	Wireless Networks and Computing	7	0	2	0	2	0	1	0	5	0	17	AI
		20	0	4	1	8	0	3	0	13	1	50	

Special Eligibilities/Restrictions

Programme	Special Eligibilities/Restrictions
All Programmes	Candidates should have minimum 60% marks (or CGPA 6.5 on a 10-point scale) for Gen/EWS/OBC-NCL whereas 55% marks (or CGPA 6.0 on a 10-point scale) for SC/ST/PwD in the qualifying degree.
All Programmes	Candidates should have passed Mathematics in 10+2 level.
All Programmes	If qualifying degree result is awaited, candidate should have minimum 60% marks (or CGPA 6.5/10) till pre-final semester and NO existing backlog papers.

ABV-IIITM Gwalior
DASA-UG Seat Matrix 2024-25

Institute Name	Branch	General Branch Code	General DASA Seats	CIWG DASA Seats	No. of Seats
Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, Madhya Pradesh	B.Tech. Computer Science and Engineering	COS	4	2	6
Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, Madhya Pradesh	B.Tech.(Information Technology) + M. Tech. (Information Technology)	BMI	5	2	7
Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, Madhya Pradesh	B.Tech. (Information Technology) + MBA	BMA	3	2	5
Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, Madhya Pradesh	B.Tech.(Electrical and Electronics Engineering)	EET	2	1	3
Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, Madhya Pradesh	B. Tech. Mathematics and Computing	MAT	2	1	3

M. Tech. (IC Design and Technology)
Department of Electrical and Electronics Engineering

Total credits – 21+21+18+18 = 78

Exit After First Year: PG Diploma in IC Design and Technology

Semester-wise Subject Allocation:

S. No.	Subject Code	Title of the course	L-T-P	Credits
Semester I				
1	EE-601	Digital IC Design	3-0-0	3
2	EE-602	System Design using HDL	3-0-0	3
3	EE-603	CAD for VLSI	3-0-0	3
4	EE-604	IC Technology	3-0-0	3
5	EE-605	Device Modelling and Simulation	3-0-0	3
6	EE-606	Advanced IC Design and Technology Lab-1	0-1-4	3
7	XXX	Elective 1	3-0-0	3
			Total credits	21
Semester II				
1	EE-607	Analog IC Design	3-0-0	3
2	EE-608	Design Verification and Testing	3-0-0	3
3	EE-609	Engineering Research Methodology	2-0-0	2
4	EE-610	Machine Learning	3-0-2	4
5	EE-611	Advanced IC Design and Technology Lab-II	0-1-4	3
6	XXX	Elective- II	3-0-0	3
7	XXX	Elective-III	3-0-0	3
			Total credits	21

Semester III				
S. No.	Subject Code	Title of the course	L-T-P	Credits
1	XXX	Elective-IV/MOOC course	3-0-0	3
2	XXX	Elective-V/MOOC course	3-0-0	3
3	EE-698	Major Project part I/Internship	-	12
			Total credits	18

Semester IV				
S. No.	Subject Code	Title of the course	L-T-P	Credits
1	XXX	Elective-VI/MOOC course	3-0-0	3
2	EE-699	Major Project part II/Internship	-	15
			Total credits	18

List of Electives for IC Design and Technology

S. No.	Course	L-T-P	Credits
1.	VLSI Architecture	3-0-0	3
2.	Special Topics in VLSI and Embedded Systems	3-0-0	3
3.	Low Power VLSI	3-0-0	3
4.	Sensors for autonomous system	3-0-0	3
5.	System-on-Performance Chip Design	3-0-0	3
6.	Device and interconnect modeling	3-0-0	3
7.	Microcontroller and Embedded Systems	3-0-0	3
8.	Mixed Signal SoC Design	3-0-0	3
9	Embedded Software	3-0-0	3
10	RF Circuit Design	3-0-0	3
11	Memory Devices and Circuits	3-0-0	3
12	High Performance Computing Systems	3-0-0	3
13	Network on Chip	3-0-0	3
14	Hardware Security	3-0-0	3
15	Quantum electronics	3-0-0	3
16	VLSI Signal Processing	3-0-0	3
17	FPGA Based System Design	3-0-0	3
18	AI-Accelerator Design	3-0-0	3