ABV-Indian Institute of Information Technology & Management Gwalior
Minutes of the 44th (02/2026) Meeting of Senate of ABV-IIITM, Gwalior

The 44th (02/2026) meeting of the Senate of ABV-IIITM, Gwalior was held on March 24, 2026 (Tuesday) from 16:00 hours onwards in the Board Room, Admin Building of the Institute. The following members were present during the meeting.

1.	Prof. Sri Niwas Singh, Director, ABV-IIITM	:	Chairperson
2.	Prof. Shantanu Bhattacharya, Director CSIO	:	Member (Online)
3.	Prof. Sampat R Vadera, IIT Jodhpur	:	Member (Online)
4.	Prof. Rajendra Kumar Sharma, IIT Delhi	:	Member (Online)
5.	Ms. Neelima Naidu	:	Member (Online)
6.	Mr Rahul Narvekar	:	Member
7.	Prof. Aditya Trivedi	:	Member
8.	Prof. Mahua Bhattacharya	:	Member
9.	Prof. K. V. Arya	:	Member
10.	Prof. S. Tapaswi	:	Member
11.	Prof Gyan Prakash	:	Member
12.	Prof. P. K. Singh	:	Member
13.	Prof. Manisha Pattanaik	:	Member
14.	Prof. Joydip Dhar	:	Member
15.	Prof. R. Sahu	:	Member
16.	Prof. Naval Bajpai	:	Member
17.	Prof. Manoj Patwardhan	:	Member
18.	Prof. Pankaj Srivastava	:	Member
19.	Prof. Anurag Srivastava, HoD ES	:	Member
20.	Prof. Ajay Kumar	:	Member
21.	Prof. Gaurav Agrawal, HoD MS	:	Member
22.	Prof. K. K. Pattanaik,	:	Member
23.	Prof. Ritu Tiwari, HoD IT	:	Member
24.	Dr. Vivek Tiwari, HoD CSE	:	Member
25.	Dr. Manoj Singh Parihar, HoD EEE	:	Member
26.	Dr. Vinod Kumar Jain, Chairman SPGC	:	Special Invitee
27.	Dr. Veena Anand, Chairperson SUGC	:	Special Invitee
28.	Dr. Praveen K Singya, Asst Prof	:	Special Invitee
29.	Dr Sharif, Registrar	:	Secretary

Mr Anirudh Srivastava could not attend the meeting and was granted a leave of absence. Chairman, Senate welcomed all the members of the senate, special invitees, and senate secretary. The item-wise agenda points were deliberated and decided as follows:

Item 44.0	Opening remarks by the Chairperson Senate

Prof Sri Niwas Singh, Chairperson Senate welcomed all the members of the Senate to the 44th (02/2026) Academic Senate meeting. In this meeting, several policy related agenda items and several noting items were discussed. The brief remarks of the Chairperson are as follows:

- The Adjunct Professors whose terms were ending in January 2026, were given extension with their consent. New adjunct faculty members were under consideration.
- Prof Ritu Tiwari was appointed as Head of Information Technology Department on 10th March 2026.
- Minimum credit and duration requirements for PhD degree were formulated and being placed in this meeting.
- Faculty selections were planned for 17-22 April 2026 for MS, ES, CSE and IT Departments.
- Advertisements of non-faculty members (AEE, AE, JE, PTI, PysEd officer etc) were completed.
- Applications for HAG professors were received, and the needful would be done in due course of time.
- Advertisements of non-faculty positions were made.
- MBA admission (Phase-I) was completed.
- Institute organized/planned following major events held after the 43rd senate meeting and several other events were planned during 2026:
    - The Internal complaint Committee (IIC), and IEEE student branch, ABV-IIITM Gwalior organized a Sensitization and Awareness Programme on World International Women Day on rights, health and safety of women on March 12, 2026.
    - 4th IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation – IATMSI-2026, was held during 12-14 March 2026.
    - Shodh Connect was organized by MPCST, Vigyan Bharati and ABV-IIITM Gwalior on 17th March 2026.
    - Half-day workshop on Patent related matters was organized on 20th April 2026.
    - Various conferences, FDP and conclaves were being planned in the coming months.

The senate noted the same and expressed happiness about the various activities of the institute.

Item 44.1	Confirmation of Minutes of 43rd Senate meeting held on 06/02/2026

Minutes of the meeting of 43rd (01/2026) Senate held on 06/02/2026 were circulated to all the members, upon which no comments were received; therefore, minutes are confirmed.

Item 44.2	Action Taken Report (ATR) of 43rd Senate Meeting held on 06/02/26

The Senate noted the action taken report of 43rd (01/2026) meeting of Senate held on 06/02/2026.

Item 44.3	Approval of Semester Withdrawal

The following was noted and the following students were allowed for ***Semester Withdrawal*** and to register in the even semester of 2025-26.

S. No.	Roll No.	Name	Remarks
1	2024PEP-207	Kalicharan Seme	Semester withdrawal of Odd Sem 2025-26
2	2023PMSP-102	Aishwarya Yadav	Semester withdrawal of Even Sem 2025-26 due to medical reasons

Item 44.4	To approve revision in Clause R.11 of Ph.D. Ordinances 2023

The Senate deliberated on the recommendations received from the committee to look into the minimum number of credits required for PhD degree, end semester evaluation and other factors. The Senate approved the recommendations to be implemented for upcoming batches as placed at **Annexure-I**.

Item 44.5	To approve course structure of Master of Science in Artificial Intelligence and Business Analytics

The Senate approved the proposal for starting the 2-year MS program on Artificial Intelligence and Business Analytics and the course structure and contents placed before it. The revised course structure is placed at **Annexure-II**.

Item 44.6	To approve Joint degree program of PhD

The Senate approved the draft of the agreement to be entered into with other Institutions/Universities (in India) for Joint PhD Degree Program that was put up after review by the committee formed for the purpose. The revised draft agreement along with degree certificate format for the same is approved and placed at **Annexure-III**. The senate allowed Senate chairman to do minor changes if required by the other institutes. The MoU for joint degree for the foreign Universities / Institutes must be done separately with approval of Senate/BoG.

Item 44.7	Exam duration for Mid-Semester and End-Semester theory examinations

The Senate approved the **Exam duration for Mid-Semester and End-Semester theory examinations** as follows:
The duration for a 3/4 credit course is recommended as:

Mid Semester exam periods:

8:30 am – 10:30 am	11:00 am – 1:00 pm	1:30 pm – 3:30 pm	4:00 pm – 6:00 pm

End Semester exam periods:

8:30 am – 11:30 am	12:00 noon – 3:00 pm	3:30 pm – 6:30 pm

Item 44.8	**Any other Agenda with the permission of Chair**

(a) Dr Irshad A Ansari, Assistant Professor, EED is co-opted as special invitee for the senate in place of Dr Praveen K Singya.
(b) The proposal to set up a Centre for Creator Economy and Industry-Institute Engagement (CCEIE) is approved and given in **Annexure-IV**.

Item 44.9	**Date of Next Meeting**

It has been decided that the next Senate meeting shall take place during May/June 2026.

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

31/3/26
Registrar and Secretary Senate

31/3/2026
Chairperson, Senate

Annexure-I

Modification in the PhD Ordinances

1. Minimum duration and number of credits to Ph.D. degree for both full-time and part-time students:
   i. For students who were admitted with PG degree shall be minimum five semesters (two and half calendar years) from the date of initial registration (excluding any semester withdrawal) and minimum credit shall be 60.
   ii. For students who were admitted after UG degree only shall be minimum six semesters (three calendar years) from the date of initial registration (excluding any semester withdrawal) and minimum credit shall be 72.
2. Minimum duration for dual degree (M.Tech and Ph.D.) shall be Seven semesters (three and half calendar years) from the date of initial registration (excluding any semester withdrawal) and minimum number of credits shall be 84.
3. All PhD candidates should register for a minimum of 12 credits per semester (including the thesis credits) until the submission of the Ph.D. thesis, for the full-time Ph.D. programme and 06 credits per semester (including the thesis credits) until the submission of the Ph.D. thesis, for the part-time Ph.D. programme. Moreover, the candidate may register for 03 extra course/thesis credits over and above the minimum required credits in the semester.
4. A candidate may register for the thesis in multiple of 03 credits.
5. Part time Ph.D. students can also register for a maximum of 06 thesis credits (equivalent to two thesis credit modules/courses) in the summer term after paying the extra registration fee for the summer term as per the prevailing semester institute rules. The summer term thesis credit evaluation will be conducted by the Ph.D. student's SRC in July for the respective academic sessions.
6. Thesis credits will be evaluated in the form of Satisfactory (S) /Unsatisfactory(X). A candidate will either earn (S)/(X) for each 03 credits thesis credit module.
7. Course credit requirement for students having ME/M.Tech./M.Phil./M.Sc./MCA or equivalent will be 12-14 credits for course work.
8. Course credit requirement for a PhD student having UG Degree only will be 24-28 credits for course work.
9. For a full-time PhD. students, an end-semester progress seminar evaluation is mandatory for those students who have registered for thesis credits in that semester. However, for a part-time Ph.D. student, the end-semester progress seminar evaluation is mandatory for all. If a part-time student is not registered for the thesis credit in that semester, the evaluation committee will give satisfactory/ unsatisfactory remarks only (No S or X in this case).

As per the above proposed changes / updation the details with existing Ph.D. Rules are as follows:

Existing minimum duration as per Ph.D. Ordinance R.5.2:

A candidate who has a B.E. / B.Tech. shall be required to be registered for the degree for a period of not less than three Calendar years / thirty-six (36) months from the date of his initial registration; in exceptional cases, the minimum period of registration may be reduced to two calendar years / twenty-four (24) months with the approval of the Senate. For a candidate who has an M.Tech. degree or its equivalent the minimum period of registration shall be not less than two calendar years / twenty-four (24) months.

Proposed updation in Ph.D. Ordinance R.5.2:

A candidate who has a B.E. / B.Tech. (UG Degree) only shall be required to be registered for the Ph.D. degree for a period of not less than three Calendar years / thirty-six (36) months from the date of his initial registration (excluding any semester withdrawal). For a candidate who has an ME / M.Tech. / M.Phil. /M.Sc./MCA degree or its equivalent (PG Degree), the minimum period of registration shall not be less than two and a half calendar

years / thirty (30) months (excluding any semester withdrawal). In exceptional cases, the minimum period of registration may be reduced with the approval of the Senate.

A candidate shall be required to register for a period of not less than three and a half Calendar years / forty-two (42) months from the date of his initial registration (exlcuding any semester withdrawal) for the completion of the dual degree (M.Tech and PhD) programme as given in Table below.

Candidates having	**PhD Degree (Full time and Part-time)**		**Dual Degree MTech+PhD**
	Duration	Minimum Credit	Minimum Credit and duration
ME / M.Tech. / M.Phil. /M.Sc./MCA or equivalent Degree admitted to the discipline as applicable	Two and a half calendar years / thirty (30) months (without any semester withdrawal)	60 credits	---
BE / B.Tech. or equivalent only admitted to the discipline as applicable	Three Calendar years/ thirty-six (36) months (without any semester withdrawal).	72 credits	84 Credit and Three and a half calendar years / thirty (42) months (without any semester withdrawal)

Existing Course Credit Requirements as per Ph.D. Ordinance R.8:

Table-2. COURSE CREDIT REQUIREMENTS

S. No.	Candidate having	Range of Credit Requirements	Remarks
1	ME / M.Tech. / M.Phil. or equivalent Degree admitted to the discipline as applicable	12-15 credits	Course from the existing M.Tech. and/or pre-Ph.D. courses offered by own Deptt./other Deptts.
2.	BE / B.Tech. or equivalent admitted to the discipline as applicable	24-30 credits	Course from the existing PG level. and/or pre-Ph.D. courses offered by own Deptt./other Deptts.
3.	M.Sc or equivqlent	12-16 credits	Course from the existing PG level. and/or pre-Ph.D. courses offered by own Deptt./other Deptts

Proposed Course Credit Requirements in Ph.D. Ordinance R.8:

Table-1. COURSE CREDIT REQUIREMENTS

S. No.	Candidate having	Range of Credit Requirements	Remarks
1	ME / M.Tech. / M.Phil. /M.Sc./MCA or equivalent Degree admitted to the discipline as applicable	12-14 credits	Course from the existing M.Tech. and/or pre-Ph.D. courses offered by the own Dept./other Depts.
2.	BE / B.Tech. or equivalent, admitted to the discipline as applicable	24-28 credits	Course from the existing PG level. and/or pre-Ph.D. Courses offered by the own Dept./other Depts.

The course credit requirement for MTech+PhD degree should be as defined in the rule.

Existing Paragraph-2 of Performance Monitoring and Evaluation as per the Ph.D. Ordinance R.11

A semester is spread across 20 weeks, and student thesis evaluation measures how much a student has progressed in the specified period of a semester. How much work a student has performed may be expressed in terms of a "count," which becomes a basis for performance measurement. It is proposed that the thesis of a student will be evaluated on four counts. Each count will be assessed in terms of satisfactory (S) or unsatisfactory (X). Regular, including project-supported, Ph.D. students normally take 12-16 credits a semester, whereas part-time Ph.D. students take half of that each semester. A student may get satisfactory, unsatisfactory, or a combination of these two as performance measures. For the purpose of illustration, if a student registers for 16 credits, which is equivalent to 4 courses of thesis work.. A student may get 4S (with no X), 3S (with 1X), 2S (with 2 X), 1S (with 3X), and 4X (with no S).

Proposed updation in Paragraph-2 of Performance Monitoring and Evaluation as per the Ph.D. Ordinance R.11

1. Thesis credits will be evaluated in the form of Satisfactory (S) /Unsatisfactory(X). A candidate will either earn (S)/(X) for each 03 credits thesis credit module.
2. In the case of a full-time PhD. student, an end-semester progress seminar evaluation is mandatory for those students who have registered for thesis credits.
3. In the case of part-time Ph.D. students, the End-semester progress seminar evaluation is mandatory for all. If the student is not registered for the thesis credit in that semester, the evaluation committee will give satisfactory / unsatisfactory remarks only (No S or X in this case).
4. The evaluation of MTech+PhD dual degree will be as per rule.

Existing Schema for Dual Degree Program-M.Tech and Ph.D.:

SCHEMA

Dual Degree Program – M. Tech. and PhD

Offered by:

Department of Computer Science and Engineering (M. Tech. (CSE)
and
Department of Information Technology (M. Tech. (IT) and PhD)

Semester – III					
SN	**Subject Code**	**Course Title**	**Component**	**L-T-P**	**Credits**
1		M. Tech. Elective/MOOC	PhD*	3-0-0	3
2		Elective/MOOC as per PhD ordinance	PhD*	3-0-0	3
3		M. Tech. Research Credits	M. Tech.	0-0-30	15
				Credits	21

Note:

- **Students with a planned exit follow the M. Tech. course structure from the next semester onwards.**

***Convertible to M.Tech. in case of an exit without PhD.**

Semester – IV					
SN	**Subject Code**	**Course Title**	**Component**	**L-T-P**	**Credits**
1		Research Credits	Flexible	0-0-36	18
				Credits	18

Note:

- **Students with abrupt exit can convert PhD Research Credits into M. Tech. research credits, re-defend PhD Research Credits as M. Tech. Research Credits with a letter grade and exit as an M. Tech.**

Semester V and onwards					
SN	**Subject Code**	**Course Title**	**Component**	**L-T-P**	**Credits**
1		Research Credits	Flexible		As per PhD Ordinance

Note:

- **Students with abrupt exit can convert PhD Research Credits into M. Tech. research credits, re-defend PhD Research Credits as M. Tech. Research Credits with a letter grade and exit as an M. Tech.**

Proposed Schema for Dual Degree Program-M.Tech and Ph.D.:

SCHEMA

Dual Degree Program – M. Tech. and PhD

Offered by:

Engineering and Technology Departments

Semester – III					
SN	**Subject Code**	**Course Title**	**Component**	**L-T-P**	**Credits**
1		M. Tech. Elective/MOOC	PhD*	3-0-0	3
2		Elective/MOOC as per PhD ordinance	PhD*	3-0-0	3
3		M. Tech. Research Credits/Ph.D. Thesis Credits	M. Tech. /Ph.D.		15 / 6
				Credits	21 / 12

Note:

- **Students with a planned exit follow the M. Tech. course structure from the next semester onwards.**

***Convertible to M.Tech. in case of an exit without PhD.**

Semester – IV					
SN	**Subject Code**	**Course Title**	**Component**	**L-T-P**	**Credits**
1		M. Tech. Research Credits/Ph.D. Thesis Credits	M. Tech. /Ph.D.		18 / 12
				Credits	18 / 12

Note:

- **Students with an abrupt exit can convert PhD Research Credits into M. Tech. research credits, re-defend PhD Research Credits as M. Tech. Research Credits with a letter grade and exit as an M. Tech.**

Semester V and onwards					
S.No.	**Subject Code**	**Course Title**	**Component**	**L-T-P**	**Credits**
1		Research Credits	Ph.D.		As per PhD Ordinance

Note:

- **Students with abrupt exit can convert PhD Research Credits into M. Tech. research credits, re-defend PhD Research Credits as M. Tech. Research Credits with a letter grade and exit as an M. Tech.**

Department of Management Studies

Atal Bihari Vajpayee-

Indian Institute of Information Technology and Management Gwalior

A. Objectives and overview of the course

- The program is structured over two years and four semesters, integrating theoretical concepts with hands-on programming experience.
- At the completion of the two years, the students will be awarded an MS degree in **AI and Business Analytics**.
- The students may be admitted based on JAM or entrance examinations conducted by the Institute. The total number of seats for the program may be limited to **40 (forty)** students initially.
- The main objective of the course is to develop to develop future-ready professionals with expertise in Artificial Intelligence, Data Science, and Business Analytics, capable of addressing real-world challenges in both industry and academia.
- The program aims to be one of the exemplary interdisciplinary postgraduate programs, designed to meet the evolving requirements of industry and academic research, while offering sufficient flexibility for students to pursue advanced specializations.
- A wide range of elective courses will be offered, enabling students to plan their academic and professional goals in advance. The curriculum maintains a balanced mix of core and elective courses to allow customization of learning based on individual interests and career aspirations.
- Graduates of the program will be well prepared for research and development roles in industries, financial institutions, startups, government organizations, and academic or research institutions.

B. Proposed credit distribution

S.No.	Core Courses	Electives & Projects
1	53 credits	At least 34 credits
		Total Credit: Min 87

C. Proposed Semester-wise plan of courses

First Year

Semester-I

S.No.	Course code	Title of the course	L-T-P	Credits
1.	MS511	Fundamentals of Economics	3-0-0	3
2.	MS512	Business Statistics using R	2-0-2	3
3.	MS513	Principles and Practices of Management	3-0-0	3
4.	MS514	IoT and Big Data Management	2-0-2	3
5.	MS515	Financial Accounting	3-0-0	3
6.	MS516	Mathematical and Programming Foundations	1-0-2	2
7.	MS517	Organizational Behaviour	3-0-0	3
			Total	**20**

Semester-II

S.No.	Course code	Title of the course	L-T-P	Credits
1.	MS521	Business Research Methods	3-0-0	3
2.	MS522	Artificial Intelligence and Machine Learning	2-0-2	3
3.	MS523	Operations and Business Intelligence	3-0-0	3
4.	MS524	Financial Engineering and Management	3-0-0	3
5.	MS525	Marketing Management	3-0-0	3
6.	MS526	Data Mining and Data Warehousing	2-0-2	3
7.	MS5XX	Elective-I	3-0-0/ 2-0-2	3
8.	MSA03	Seminar on Contemporary Business*	0-0-2	0
			Total	**21**

Compulsory Audit course

****Summer Project/Internship (credits: 4)***

EXIT AFTER YEAR-1: Post Graduate Diploma in Artificial Intelligence and Business Analytics

Second Year

Semester-III

S.No.	Course code	Title of the course	L-T-P	Credits
1.	MS531	Business Process Management	3-0-0	3
2.	MS532	Strategy and Game Theory for Management	2-0-2	3
3.	MS533	Design Thinking and Sustainable Innovation	3-0-0	3
4.	MS534	Applied Deep Learning	2-0-2	3
5.	MS535	Business Ethics and Sustainability	3-0-0	3
5.	MS5XX	Elective-II	3-0-0/ 2-0-2	3
6.	MS5XX	Major Project – I	0-0-6	3
7.	MS5XX	Summer Training Evaluation	0-0-8	4
			Total	**21+4**

Semester-IV

S.No.	Course code	Title of the course	L-T-P	Credits
1.	MS5XX	Elective- III/MOOC*	3-0-0/ 2-0-2	3
2.	MS5XX	Elective- IV/ MOOC*	3-0-0/ 2-0-2	3
3.	MS5XX	Elective-V/ MOOC*	3-0-0/ 2-0-2	3
4.	MS5XX	Major Project - II	0-0-24	12
			Total	**21**

*** Only those students who are proceeding for the internship may take MOOCs in the final semester.**

List of Tentative Elective Courses	
1.	Supply Chain Analytics
2.	Smart Manufacturing
3.	AI for Product and Brand Management
4.	Financial Time Series and Forecasting
5.	Technology Analytics
6.	AI for Public Policy and Smart Governance
7.	Health Analytics
8.	Financial Risk Analytics
9.	Financial Decision Modelling and Optimisation
10.	Quantitative Asset Management and Fixed Income Engineering
11.	Talent Analytics
12.	Performance Management Analytics
13.	Digital Entrepreneurship
14.	Business Intelligence for Decision Modelling
15.	Data Visualization and Storytelling
16.	Consumer Analytics
17.	Human Resource Management

The list of elective courses will be expanded and updated in future as per the needs of the course.

Annexure-III

AGREEMENT FOR JOINT DEGREE PROGRAM: DOCTOR OF PHILOSOPHY

Between

LOGO

"University/Institute name"

and

विश्वजीवनामृतं ज्ञानम्

Atal Bihari Vajpayee- Indian Institute of Information Technology and Management Gwalior

AGREEMENT FOR JOINT DEGREE PROGRAM: Doctor of Philosophy

THIS AGREEMENT is made on DD/MM/YY **(Effective Date)**

BETWEEN:

"University/Institute **name"**

And

Atal Bihari Vajpayee-Indian Institute of Information Technology and Management Gwalior, an educational institution created by an Act of Parliament under Ministry of Education (MoE) and having its principal address at ABV-IITM Gwalior, Morena Link Road, Gwalior India 474015 (ABV-IIITMG).

The expression Institution shall mean either ABV-IIITMG or "University name", Party means a party to this Agreement and Parties means both parties to this Agreement.

WHEREAS:

On DD/MM/YY the Parties entered into this Agreement to develop academic and student exchange through a Joint PhD Degree Program (JPDP) whereby students who successfully complete the JPDP will be awarded a joint degree for one thesis with the testamurs/certificates from each Institution clearly indicating the joint nature of the degrees as outlined in Clause 10.

By entering into this Agreement, the Parties agree to offer Joint PhD Degree Programs at PhD level in all areas of research in accordance with the terms and conditions set out in this Agreement.

ABBREVIATIONS

"University name"
ABV-IIITMG: ABV-Indian Institute of Information Technology and Management Gwalior
JPDP. Joint PhD Degree Program
PhD: Doctor of Philosophy
DRC: Doctoral Research Committee
DPGC: Department Post Graduate Committee
SPGC: Senate Post Graduate Committee
DoAA: Dean of Academic Affairs
HoD: Head of the Department

Definition:
Home Institution/University: The Institution/University where the JPDP scholar initially admitted for the PhD Degree.
Partner Institution/University: The Institution/University which is collaborating with the Home

Institution for JPDP.

NOW IT IS HEREBY *AGREED AS FOLLOWS:*

1. JOINT PhD DEGREE PROGRAM STRUCTURE

1.1 Students interested in getting admitted into the JPDP shall first be selected into the full-time PhD program at either Institution as per the selection procedures of the respective Institution. This Institution shall be called the Home Institution. The collaborating departments from both the Institutions shall then select potential JPDP Scholars from among the students selected into the individual PhD program at either Institution. The admission to the JPDP shall be subjected to the normal application and selection criteria and other entrance requirements for entry into the PhD program at the Partner Institution. The procedure shall normally be carried out within six to twelve months of the student initially enrolling in the PhD program, through video conference and/or by any means including exchange of data pertaining to the students, reference letters, and so on.

1.2 Selection of supervisors shall conform to the policies in force at the respective Institutions.

1.3 The primary supervisor shall be from the Home Institution. There must be another supervisor from the Partner Institution.

2. DOCTORAL RESEARCH COMMITTEE:

2.1 A Doctoral Research Committee (DRC) shall be set up for each JPDP Scholar to support and monitor progress of the JPDP Scholar throughout the candidature until the thesis has been submitted.

2.2 The DRC shall consist of the following members

1 Chairman Senate/Nominee of the Home Institute	Chairperson
2 Supervisors from both Institutions	Member (s)
3 A nominee of partner Institute	Members
4 Additional members may be appointed to meet the requirements of the Institutions	Members

2.3 In case any DRC member goes on leave exceeding one-year duration, or resigns or retires from the respective Institution, the respective HoD shall nominate another member following their respective procedures.

2.4 The DRC shall meet at least once a year in person / online mode. Beyond four years from the time of registration in the program, the DRC shall meet at least every six months until the JPDP

Scholar's thesis has been submitted in accordance with the rules and regulations of both the Institutions.

2.5 The DRC shall evaluate the thesis work conducted by the JPDP at the end of each semester and will award thesis credits. However, if the Partner Institution/University does not evaluate the thesis work of the JPDP scholar in terms of thesis credits, then one semester's thesis work will be considered equivalent to 12 thesis credits.

3. COURSEWORK REQUIREMENTS

The JPDP Scholar shall satisfy the minimum academic coursework and thesis work requirements of the Home Institution. Additional courses may be taken when recommended by the DRC. If a JPDP scholar credits a course in one institution, the credits will be automatically transferred to the other institution and will be counted towards the degree requirement.

4. COMPREHENSIVE EXAMINATION AND CONFIRMATION OF PHD CANDIDATURE

4.1 The JPDP Scholar shall meet the confirmation requirements at the end of the first year of the probationary PhD period (where applicable), and in addition, qualify the comprehensive examination satisfactorily to continue with the JPDP. Comprehensive examination and State-of-the-art (SOTA) will be conducted as per the home institution's PhD rules. Otherwise, he/she shall no longer be eligible to continue with the JPDP.

4.2 The JPDP Scholar will be allowed to visit the Partner Institutions to conduct the research work only after passing the Comprehensive Examination of the Home Institution.

5. PROGRESS MEETING /SYNOPSIS /THESIS

5.1 JPDP Scholar shall normally follow the regulations stipulated by the Home Institution for monitoring his/her progress. The submission of synopsis and submission and evaluation of the thesis shall be in line with the requirements of the Home Institutions.

5.2 JPDP Scholar shall present an open/pre-synopsis seminar at the Home as well as the Partner Institution. A joint seminar (via video conferencing) will also be acceptable.

6. TIME DURATION

6.1 The JPDP Scholar shall spend a minimum of one and up to two years at the Partner Institution working under the supervision of the joint supervisor(s), He/ She may take additional courses at the Partner Institution as recommended by the DRC.

6.2 As far as possible, the minimum and maximum (if applicable) duration of the program will be governed by the rules of both Institutions. In the event of an inconsistency in the durations, the longer duration will apply.

6.3 The JPDP Scholar shall be entitled to the leave benefits (if any) that relate to the Institution at which the JPDP Scholar is physically located when the leave is requested.

7. FEES, LIVING ALLOWANCES AND EXPENSES

7.1 The JPDP Scholar has to register himself /herself in either the Home Institution or Partner Institution/University every semester throughout the duration of the JPDP and shall pay the tuition fees to the respective Institution/University as per its fee structure.

7.2 The JPDP scholar shall be allowed to register in the Home Institution or Partner Institutions/University at the beginning of the Semester only.

7.3 The student enrolled in the JPDP program will receive the stipend from either the Home Institution or Partner Institution/University as per the rules of the respective Institution/University, wherever he/she is registered in that semester.

7.4 The JPDP scholar will be assigned the Teaching Assistantship as per the norms of the respective Institution/University, where the JPDP scholar is registered for that semester.

7.5 The JPDP Scholar may also visit the Partner Institution/University or Home Institute to conduct his/her research work for a short duration (not more than two-weeks) in a semester with the consent of the Supervisor(s) of the Home Institute and Partner Institution/University. However, his/her assigned TA duties in the respective Institute/University should not be affected by this visit. This period of visit of the JPDP scholar shall be treated as on duty.

7.6 If there are some expenses such as travel, stay at the Partner Institution, health insurance, etc., the same have to be borne by the JPDP Scholar; his/her acceptance to such expenses should be obtained. The Home Institution shall be responsible for notifying the JPDP Scholar of such information and gaining his/her acceptance.

8. WITHDRAWAL AND TERMINATION OF CANDIDATURE

8.1 The prevailing regulation for withdrawal and termination (for any approved reason, including unsatisfactory progress) of candidature at the JPDP Scholars Home Institution shall normally apply in consultation with the Partner Institution. The Home Institution shall notify the Partner Institution if the Home Institution intends to terminate the candidature under its policies or if the JPDP Scholar has advised the Home Institution of his/ her intention to withdraw from the JPDP. *In any* event, the DRC shall advise the JPDP Scholar on an appropriate course of action to take, which would be in the best interest of the JPDP Scholar.

8.2 If a JPDP scholar does not wish to continue the JPDP program with the Partner Institutions/University due to some unavoidable reason/situation, the Home Institution will support his/her PhD program as per the PhD ordinance of the Home Institution. However, the JPDP Scholar must return the fellowship amount received from the Partner Institutions/University, and the same will not be compensated by the Home Institution.

9. THESIS REVIEW REPORTS & VIVA VOCE EXAMINATION

9.1 Evaluation of thesis by external examiners and conducting of the final viva-voice examination/defence shall, in general, follow the processes and procedures of the Home Institution. However, each Partner Institution shall set certain minimum requirements to be satisfied in this context to ensure compliance with its examination policies and regulations.

9.2The language of the thesis and the viva voce examination shall be English.

10. AWARD OF DEGREE

10.1 Two separate degree certificates shall be awarded for the one-degree by the respective Institutions, in line with their respective protocols/styles. The wording in both degree certificates must indicate unambiguously that the degree is being awarded jointly with the other Institution (by name) for the same thesis.

10.2 The candidate will also get a transcript for the course/thesis work from the Home Institute or Partner Institutions/University, wherever they have registered during that semester.

11. STUDENT OBLIGATIONS

11.1 JPDP Scholars shall be subjected to the statutes, rules, regulations, policies, codes and procedures of the Partner Institution while located in the Partner Institution in addition to those of their Home Institution. In the event of any inconsistency between the two, the statutes, rules, regulations, policies, codes and procedures of their Home Institution shall prevail to an extent reasonable.

11.2 Notwithstanding Clause 8, an Institution may suspend, vary the terms of, or terminate a JPDP Scholar's enrolment for failure to comply with the statutes, rules, regulations, policies, codes and procedures of that Institution or the lawful instructions of officers of that Institution, or for failure to comply with that Institution's conditions of admission, enrolment or examination in the JPDP.

12. INTELLECTUAL PROPERTY, INVENTIONS AND INNOVATIONS

12.1 All intellectual property held by a Party prior to, or outside of, entering into this Agreement that is disclosed or introduced in connection with this Agreement and all materials in which such intellectual property is held, disclosed or introduced ('background intellectual property") shall remain the property of the Party introducing or disclosing it. However, that Party grants the JPDP Scholar and/or the other Party a license to use such intellectual property for any purpose associated with the JPDP.

12.2 All rights, titles and interests in any studies, reports or materials, graphic or otherwise, prepared by the Home Institution or by the Partner Institution respectively, that is not background intellectual property or intellectual property created under clause 12.3, will belong to that Institution and may not be made use of except with that Institution's prior written consent.

12.3 Where the Institutions jointly develop intellectual property, inventions and innovations as a result of the research work of the JPDP Scholar working under the joint supervision, the terms with respect to title and exploitation of such intellectual property, inventions and innovations (including but not limited to trademarks and service marks, copyright, patents, know-how designs and confidential information on the subject of such intellectual property, inventions and innovations) will be negotiated on a case-by-case basis having due regard for each Institutions policies and governance requirements and the terms and conditions imposed by any individual funding agencies or grant-making organizations. The Parties preference for such case-by- case agreements will be that the intellectual property rights created in the course of the JPDP will

vest in each Institution in equal shares and that each Party may use such jointly-owned intellectual property for internal, non-commercial research and educational purposes. Save as aforesaid, nothing in this agreement shall be construed as a license or transfer or an obligation to enter into any further agreement with respect to intellectual property currently licensed to or belonging to either Institute.

12.4 Nothing in this Agreement will inhibit the right of a JPDP Scholar to have their thesis examined and a copy of his/her thesis lodged in the library of each Institution (including a digital copy).

12.5 Notwithstanding anything to the contrary in clause 12.3, each JPDP Scholar shall own the copyright in his/her thesis.

12.6 The provisions of this clause 12 will survive beyond the termination of this Agreement.

13.CONFIDENTIALITY

13.1 When receiving confidential information, the receiving Party must ensure that all employees, students or agents to whom the confidential information is disclosed are bound to keep the confidential information confidential and not to use the confidential information except for the JPDP.

13.2 The obligations of confidentiality in this clause 13 do not apply to information which may be required to be disclosed by law, is in the public domain other than by breach of this Agreement, or has been independently developed or obtained by the receiving Party.

13.3 Each Party agrees that personal information about JPDP Scholars will be collected, managed, held, used, disclosed and transferred in accordance with the relevant privacy laws and policies applicable to that Party.

14.AMENDMENTS

This Agreement may be amended and supplemented in writing at any time by the mutual consent of the Parties in writing. If any conflict that cannot be resolved under this agreement and is not addressed in this document, such cases will be handled in accordance with the PhD ordinance of the Home Institution.

15.TERM OF AGREEMENT

15.1 This Agreement shall commence on the Effective Date and shall remain in force for a period of five (5) years. Thereafter, it shall renew itself automatically for successive periods of five (5) years unless either Party gives the other Party not less than six (6) months notice in writing of its desire to terminate this Agreement, at any time during the initial or the relevant extended period.

15.2 Both Parties agree that in the event this Agreement is terminated for any reason, the Parties shall use their best endeavors to allow all JPDP Scholars already enrolled in the JPDP who are eligible to complete their candidature, to continue and complete the requirements for the JPDP in which they are enrolled, and to be awarded the joint degree upon successful completion of the JPDP. If it is not possible for a JPDP Scholar to satisfy the requirements of and complete the

JPDP, the Parties shall endeavor to allow that JPDP Scholar, at his/her choice, to complete the requirements for a single PhD degree at the Home Institution, subject to the requirements of the relevant Institution. The Parties agree that such a JPDP Scholar shall be given credit for all relevant units previously undertaken by the JPDP Scholar at the other Institution as part of the JPDP in accordance with the policies and protocols of the Institution where the JPDP Scholar will complete the requirements of his/her PhD Degree. In any case, the student's career should not be affected.

15.3 If the Agreement is terminated and the JPDP Scholar continues his/her candidature either on a Joint degree basis or as a single PhD degree at one or other of the institutions, the Parties agree that the JPDP Scholar shall continue to have access to the background intellectual property as described in clause 12.1 and confidential information to the extent *necessary for* the student to complete the JPDP or a PhD at either Institution.

16. DISPUTE RESOLUTION

Any dispute arising under or in connection with this Agreement which cannot be resolved by amicable discussions between the Parties shall be referred to the VC / Director of the respective Parties or their nominees for resolution.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed on _____ the day and year first above mentioned



क्रमांक / No: 2024 - 0000

पंजीक्रमांक / Reg. No:2019IMT-002

विद्या परिषद् की अनुशंसा पर

अटल बिहारी वाजपेयी भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर

के संचालक मण्डल द्वारा

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संयुक्त पीएचडी डिग्री कार्यक्रम के तहत

(इंस्टिट्यूट का नाम)

के साथ निर्धारित अर्हताएँ सफलतापूर्वक पूर्ण कर लेने पर प्रदान की गयी |

THE BOARD OF GOVERNORS OF THE

ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT, GWALIOR

ON THE RECOMMENDATION OF THE SENATE HEREBY CONFERS UPON

NIKHIL SONI

THE DEGREE OF

DOCTOR OF PHILOSOPHY

UNDER JOINT PhD DEGREE PROGRAM ALONG WITH

(INSTITUTE NAME)

ON HAVING SUCCESSFULLY COMPLETED THE PRESCRIBED REQUIREMENTS.

THESIS TITLE: VARIATION TOLERANT ROBUST DOMINO CIRCUITS FOR FINFET PROCESSORS

Deepak Ghaisas
CHAIRMAN
BOARD OF GOVERNORS

Sri Niwas Singh
CHAIRMAN
SENATE

Gwalior, India
03rd July, 2024

ABV-IIITM GWALIOR • SENATE PROPOSAL • 44TH MEETING, MARCH 2026

Proposal for the Establishment of a

Centre for Creator Economy and Industry-Institute Engagement

(CCEIE)

Submitted by: Rahul Narvekar, Industry Member, Senate • March 2026

1. Executive Summary

This proposal recommends the establishment of a Centre for Creator Economy and Industry-Institute Engagement (CCEIE) at ABV-IIITM Gwalior, constituted by Senate resolution and operationally housed within the Technology Innovation and Incubation Centre (TIIC).

The global Creator Economy — encompassing digital content production, brand narrative, influencer commerce, and platform-driven distribution — is estimated at USD 15.57 billion in 2024 and is projected to reach USD 78.91 billion by 2031, growing at 26% annually. In September 2025, Syracuse University in the United States announced what it called the nation's first academic Centre for the Creator Economy. No comparable centre exists at any Indian institution. No such centre exists at any technical institution anywhere in the world.

ABV-IIITM Gwalior has the opportunity to establish India's first — and the world's first technical institution's — Centre for the Creator Economy.

This proposal places that opportunity before the Senate.

The Centre is designed around three integrated components: a practitioner-led student creator cohort working on live paid industry briefs; a structured quarterly Industry Engagement Series producing publishable institutional outputs; and a 10-week certification programme issued under the Institute's name. All governance sits within existing institutional structures. The financial outlay is

modest, substantially self-funding from Year 1, and requires no new construction or faculty appointments.

2. The Global Context: A Window That Is Opening

The Creator Economy is not a social media phenomenon. It is a fundamental restructuring of how brands communicate, how audiences are reached, and how commercial value is created and distributed in the digital age. Goldman Sachs estimates the global creator economy will approach USD 500 billion by 2027. India's share alone is projected to reach USD 528 billion by 2030, with tier-2 and tier-3 cities — precisely the geography of Gwalior — identified as the fastest-growing nodes.

Higher education globally has begun to recognise this shift. Three precedents are directly relevant to this proposal:

2.1 Syracuse University, USA — September 2025

In September 2025, Syracuse University launched what it explicitly described as the United States' first academic Centre for the Creator Economy — a joint initiative between its School of Management and its School of Public Communications. The centre encompasses undergraduate and graduate courses, an on-campus incubator, an Industry Advisory Council of brand executives and investors, and a formal research agenda. The Vice Chancellor of Syracuse stated publicly: the creator economy represents one of the most significant cultural and commercial transformations of our time, and universities must lead, not follow.

Syracuse is a business and communications school. ABV-IIITM Gwalior is a technical institution — an IIIT. The claim available to this Institute is sharper, and has not yet been made by anyone: the world's first technical institution to formally constitute a Creator Economy Centre under academic governance.

2.2 Bocconi University, Italy — 2025-26

Bocconi University's 2025-26 curriculum includes a dedicated Creator Economy course in which students assume active industry roles — brand marketer, platform moderator, influencer — working on live monetisation strategy projects with real deliverables and structured assessment. The model demonstrates that practitioner-facing, brief-based learning can be formally embedded within a

rigorous academic institution without compromising academic standards. It is precisely this model that CCEIE proposes to institutionalise at ABV-IIITM Gwalior.

2.3 Belmont University + Creative Artists Agency, USA — 2024

Belmont University partnered with executives from Creative Artists Agency (CAA) to design and deliver a Creator Economy course after identifying that young graduates entering the entertainment and digital industries lacked foundational knowledge of the digital ecosystem. Industry practitioners designed the curriculum; the university issued the credential. The course, first piloted in 2024, returned for a second semester on the strength of its outcomes. This is the governance model proposed for CCEIE: industry design, institutional ownership.

> In each of these cases, the institution moved first and captured the narrative. ABV-IIITM Gwalior has that opportunity in India — and in the global technical education landscape — right now.

3. The Gap in Technical Education

Graduates of ABV-IIITM Gwalior enter a labour market in which a significant and rapidly growing proportion of employment — and of entrepreneurial opportunity — exists at the intersection of technology, communication, and commerce. The Creator Economy is precisely this intersection.

It requires competencies in data-driven content strategy, brand systems thinking, digital distribution architecture, and narrative construction — none of which are currently addressed within any IIIT's formal academic programmes. This is not a gap unique to ABV-IIITM Gwalior. It is systemic across Indian technical institutions. The distinction available to this Institute is to be the first to formally and structurally address it — not through an elective or a student club, but through a Senate-constituted Centre with academic standing, research output, and industry accountability.

What the market demands	What technical curricula currently provide
Brand narrative and content strategy	Not addressed
Digital distribution and platform analytics	Partially addressed (data analytics, no commercial context)

What the market demands	What technical curricula currently provide
Creator economics and monetisation models	Not addressed
Industry brief interpretation and delivery	Not addressed
Portfolio construction for digital careers	Not addressed

4. Proposed Structure of the Centre

CCEIE is proposed as a standing academic unit of ABV-IIITM Gwalior, constituted by Senate resolution, with the following three components:

Component A — Industry Creator Cohort

A competitively selected cohort of 20 to 30 students, drawn from across all programmes at the Institute, identified for aptitude in narrative construction, visual communication, data interpretation, or strategic thinking. Cohort selection would be conducted once per academic year through a structured evaluation process administered by the Centre.

Cohort members would work on live industry briefs — actual assignments from brand partners, with defined deliverables, timelines, and real commercial outcomes. This is not a simulation. Where a brief results in commercial deployment, a documented stipend or honorarium is paid to the student, creating a verifiable earnings track record that the Institute can report as a placement metric.

The cohort model draws directly on an operational framework the proposer is actively building in a campus environment, with 35 student creators and two completed paid commercial engagements currently on record. The Institute would adapt and institutionalise this framework under its own academic governance — the intellectual property and the credential would be ABV-IIITM Gwalior's.

Component B — Structured Industry Engagement Series

A quarterly engagement format — distinct from conventional guest lectures — in which industry practitioners work alongside students as collaborators on defined problems. Each engagement produces a tangible institutional output: a sector analysis, a brand case study, a white paper, or a

documented market intervention. These outputs would be published under the Institute's name as industry research contributions.

Each engagement is structured to meet the Institute's documentation standards for industry interaction, contributing to NIRF and NBA reporting metrics under Industry Collaboration. The Series would be coordinated by the proposer in the inaugural year, with a transition to Institute-managed coordination by Year 2.

Component C — Creator Economy Certification

A 10-week structured programme culminating in an Institute-issued certification in Creator Economy and Brand Narrative. The certification would be non-credit in its inaugural offering, subject to Senate review for credit-bearing status in a subsequent academic year pending outcome assessment.

Curriculum framework:

- Fundamentals of the Creator Economy: market structure, platform dynamics, monetisation models
- Brand narrative architecture: positioning, tone systems, visual identity
- Digital content strategy: distribution, analytics, audience development
- Industry-Institute interface: brief interpretation, commercial deliverable production, client communication
- Portfolio construction and professional presentation for digital careers

The framework would be designed by the proposer and reviewed by the Dean of Academic Affairs prior to delivery. Content would be delivered through a combination of industry practitioner sessions and structured peer-learning. The Belmont-CAA model serves as the direct precedent: industry design, institutional ownership and credential.

5. Governance and Institutional Oversight

Role	Responsibility	Held By
Senate	Constitution of Centre; annual outcome review; credit pathway approvals	ABV-IIITM Gwalior Senate

Role	Responsibility	Held By
Director	Strategic oversight; industry partner approvals	Director, ABV-IIITM Gwalior
Dean of Academic Affairs	Academic quality assurance; curriculum review; credit pathway governance	DoAA, ABV-IIITM Gwalior
TIIC	Operational housing; project validation; incubation certification for student ventures	TIIC Coordinator
Industry Chair (inaugural, honorary)	Curriculum design; industry brief sourcing; cohort mentorship; engagement series curation	Rahul Narvekar, Senate Member
Faculty Coordinator	Day-to-day administrative liaison; student welfare; documentation	To be designated by Director

The Industry Chair role is proposed as an honorary, non-remunerated position for the inaugural two-year term, co-terminus with the proposer's Senate membership. A detailed transition framework for full institutional self-governance from Year 3 would be submitted to the Senate at the end of Year 1.

6. Resource Requirements

6.1 Physical Infrastructure

The Centre would require a dedicated workspace within the TIIC premises — a single room accommodating 25 to 30 persons for cohort sessions, with a projector and whiteboard. No new construction is proposed. Existing seminar and conference infrastructure would serve the quarterly Industry Engagement Series, subject to scheduling coordination with the Registrar's Office.

6.2 Financial Outlay — Year 1

Item	Indicative Outlay	Funding Mechanism
Cohort administration and selection process	₹50,000	Institute seed grant
Industry Engagement Series — 4 events	₹80,000	Industry partner contribution / Institute

Item	Indicative Outlay	Funding Mechanism
Certification programme delivery	₹1,20,000	Programme fee recovery from participants
Documentation, publication, and IP filing	₹40,000	TIIC research budget
Total — Year 1	₹2,90,000	Blended; substantially self-funding

A detailed financial plan, including fee structures, industry contribution frameworks, and a Year 2 self-sufficiency model, would be submitted to the Finance Committee prior to operationalisation.

7. Expected Outcomes and Assessment Metrics

Metric	Year 1 Target	Year 2 Target
Active cohort members	20	30
Paid industry briefs completed	4	10
Total student earnings from briefs	₹60,000+	₹2,00,000+
Certifications issued	20	40
Industry partners formally engaged	5	12
Institutional publications / case studies produced	2	6
Industry Engagement Series events held	4	4
NIRF-reportable industry interaction hours	200+	500+

8. Annexure — Global Precedents at a Glance

Institution	Country	Year	Model	Relevance to CCEIE
Syracuse University (Whitman School of Management + Newhouse School)	USA	Sept 2025	First academic Creator Economy Centre in the USA — courses, incubator, industry advisory council, research agenda	Direct precedent. Syracuse is a business/communications school. IIITM Gwalior would be the first technical institution globally.
Bocconi University	Italy	2025-26	Creator Economy course with live industry roles, real monetisation strategy projects, structured assessment	Validates brief-based, practitioner-facing learning within a rigorous academic framework.
Belmont University + Creative Artists Agency (CAA)	USA	2024 (piloted)	Industry executives designed and delivered curriculum; university issued the credential. Returned for 2nd semester on outcome strength.	Direct governance precedent: industry design, institutional ownership — the exact model proposed for CCEIE.

Market data for reference: Global Creator Economy valued at USD 15.57 billion in 2024; projected USD 78.91 billion by 2031 (26% CAGR). India Creator Economy projected at USD 528 billion by 2030. Goldman Sachs estimates global creator economy approaches USD 500 billion by 2027, with the global creator community growing 10 to 20% annually.

9. Proposed Senate Resolution

RESOLVED that the Senate of ABV-IIITM Gwalior approves the establishment of a Centre for Creator Economy and Industry-Institute Engagement (CCEIE), constituted under the Technology Innovation and Incubation Centre (TIIC), with Senate Member Shri Rahul Narvekar serving as Industry Chair (honorary, non-remunerated) for the inaugural two-year term, co-terminus with his Senate membership; and that the Dean of Academic Affairs and the TIIC Coordinator

be authorised to develop the detailed operational charter, curriculum framework, and financial plan for submission to the Senate at its next meeting.

10. Concluding Note

In September 2025, Syracuse University called itself the first. No Indian institution has made that claim. No technical institution anywhere in the world has made that claim.

The Creator Economy is not a passing trend. It is the infrastructure of the next commercial era — the layer through which brands reach consumers, through which students will build careers, and through which a new class of digital entrepreneurs will emerge. ABV-IIITM Gwalior's graduates will enter this economy. The question before the Senate is whether they enter it equipped, or whether the Institute cedes that preparation to chance — or to a less deserving institution that moves first.

The Centre for Creator Economy and Industry-Institute Engagement costs the Institute very little. The first-mover advantage it secures is significant and durable. This proposal is placed before the Senate in that spirit.

