Summary Sheet

Criteria 1	Curricular Aspects
Key Indicator 1.1	Curriculum Design and Development
Matrix 1.1.1	Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the Institution

ITM

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"CELEBRATING DREAMS"

POLICY ON TEACHING AND LEARNING

1 Teacher lays down the learning outcomes

Plans assignments or/& activities accordingly

2 Assesses individual student's performance

3

4 Gives constructive feedback

5 Provides new opportunities to learn and progress

ASSESSMENT CYCLE

Message from
Vice Chancellor

Dear Faculty, Staff, and Students,

It is with great enthusiasm that I present to you the policy on teaching and learning at ITM University, Gwalior. Our goal is to foster an academic environment that encourages innovation, inclusivity, and excellence. We prioritize student-centered learning, innovative pedagogies, and inclusivity, ensuring our curricula, teaching methods, and assessment practices are equitable and accessible to all students. Furthermore, we are integrating Indian Knowledge Systems (IKS) across disciplines and incorporating Artificial Intelligence (AI) into our programs, preparing students to leverage AI technologies and appreciate traditional wisdom alongside modern knowledge. Our faculty's continuous professional development, research-integrated teaching, and diverse assessment strategies are key components of this policy, aimed at cultivating a culture of inquiry and intellectual curiosity.

Looking ahead, we aim to strengthen our teaching and learning framework by expanding online and blended learning offerings, enhancing support systems, and incorporating emerging technologies such as AI. Our commitment to lifelong learning ensures that students develop a passion for continuous learning and personal development, navigating the complexities of the modern world with confidence and resilience. As we implement this policy, I encourage each member of our university community to embrace these principles and work collaboratively towards our shared vision of academic excellence. Together, we can create a transformative learning experience that prepares our students to become leaders and innovators of tomorrow. Thank you for your unwavering commitment to the pursuit of excellence in teaching and learning at ITM University.

Vice Chancellor

ITM University Gwalior

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Abbreviations

OBE	Outcome Based Education	BTL	Bloom's Taxonomy Level
LOT	Lower Order of Thinking	HOT	Higher Order of Thinking
PEO	Program Educational Objectives	PO	Program Outcome
CO	Course Outcome	PSO	Program Specific Outcome
UE	University Theory Exam	POE	Practical Oral Exam
CE	Course Exit Survey	HoD	Head of Department
PC	Program Coordinator	DAB	Department Advisory Board
PAC	Program Assessment Committee	AY	Academic Year

8. University Curriculum Development Policy: Linking Education to Local, Regional, National, and Global Needs
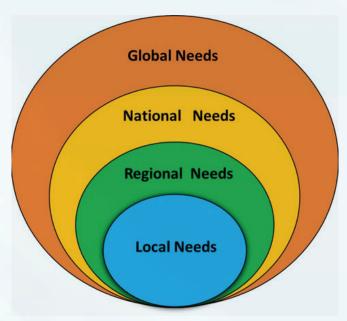
Introduction

ITM University Gwalior is committed to providing a transformative educational experience that prepares graduates to thrive in a complex and interconnected world. This policy outlines the framework for developing and revising curricula that are relevant to local, regional, national, and global needs

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Guiding Principles

Our curriculum development will be guided by the following principles:

- Relevance: Courses will equip students with the knowledge, skills, and values required to address challenges and contribute meaningfully at local, regional, national, and global levels.

- Skill Development (Local): We will identify and integrate local skills needs into our programs to enhance student employability within our immediate community.

- Employability and Entrepreneurship (Regional): Our curriculum will foster the development of entrepreneurial and professional skills relevant to regional job markets, encouraging graduates to contribute to regional economic growth and innovation.

- Professional Ethics and Gender (National): Courses will emphasize ethical conduct and gender inclusivity, preparing future leaders who promote equality and social responsibility within national frameworks.

- Human Values and Environment (Global): We recognize the interconnectedness of global issues. Our curriculum will cultivate an understanding of human values and environmental sustainability, empowering graduates to be responsible global citizens.

Additionally, all the courses should be linked to SDG goals.

Implementation

The following strategies will be implemented to achieve these goals:

- **Needs Assessment:** We will conduct regular assessments to identify local, regional, national, and global skills needs. This will involve collaborating with industry partners, government agencies, and community organizations.

- **Curriculum Mapping:** A curriculum mapping system will be established to ensure courses address the identified needs across the various levels (local, regional, national, and global).

- **Faculty Development:** We will provide ongoing professional development opportunities for faculty to integrate the guiding principles into their courses. This may include workshops on skills-based teaching, case studies incorporating regional and global challenges, and incorporating ethics modules.

- **Industry Partnerships:** Partnerships with local and regional businesses will provide valuable insights into industry needs and facilitate internship opportunities for students.

- **Global Learning Initiatives:** We will promote student participation in study abroad programs, international research collaborations, and courses with a global focus.

- **Assessment and Review:** The effectiveness of the curriculum in meeting these goals will be continuously monitored and evaluated through regular assessments and feedback mechanisms.

Conclusion

By integrating local, regional, national, and global needs into our curriculum, ITM University Gwalior aspires to develop graduates who are not only highly skilled and employable but also responsible and ethical citizens who contribute positively to a sustainable future for all.

This policy serves as a framework and should be adapted to the specific needs and disciplines within the university. Departments and programs will be responsible for developing detailed implementation plans that align with this overall framework.

These pages are extracted from the teaching Learning Policy of the University.

Additional documents/evidence/proof

S. No.	Evidence/proof/Additional Information		
	Proof of PEOs, POs, PSOs, and COs of School of Agriculture		
	Programme	Particulars	Link
1.	B.Sc. Hons. Agriculture	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-agriculture/bachelor-of-science-in-agriculture#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soag/co-po-mapping/Bsc-agriculture(SOAG).pdf
2.	M.Sc. Agriculture (Agronomy)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-agriculture/masters-of-science-in-agronomy#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soag/co-po-mapping/MSc-agronomy(SOAG).pdf
3.	M.Sc. Agriculture (Horticulture)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-agriculture/masters-of-science-in-vegetable-science#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soag/co-po-mapping/MSc-vegetable-science(SOAG).pdf
4.	M.Sc. Agriculture (Genetics & Plant Breeding)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-agriculture/masters-of-science-in-genetics-and-plant-breeding#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soag/co-po-mapping/MSc-genetic-and-plant%20breeding(SOAG).pdf
	Proof of PEOs, POs, PSOs, and COs of School of Sciences		
5.	B.SC. PCM/CS	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sciences/bsc-cs#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/bsc-pcm(SOS).pdf https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/bsc-cs(SOS).pdf
6.	B.Sc. (Hons.) Biotechnology	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sciences/bsc-biotechnology#innovative-teaching-learning

		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/bsc-biotech(SOS).pdf
7.	B.Sc. (Hons.) Food Technology	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sciences/bsc-foodtechnology#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/bsc-foodtech(SOS).pdf
8.	B.Sc. (Hons.) Microbiology	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sciences/bsc-microbiology#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/bsc-microbiology(SOS).pdf
9.	M.Sc. (Biotechnology)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sciences/msc-biotechnology#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/Msc%20BT.pdf
10.	M.Sc. (Food Technology)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sciences/msc-foodtechnology#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/Msc-foodtech(SOS).pdf
Proof of PEOs, POs, PSOs, and COs of School of Engineering & Technology			
11.	B. Tech. (Computer Science & Engineering)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-engineering-and-technology/soet-cse#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soe/CO,%20CO-PO%20mapping-soet-cse.pdf
12.	B. Tech. (Electronics & Communication Engineering)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-engineering-and-technology/soet-ec#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/b.tech-ece(soet).pdf
13.	B. Tech. (Mechanical Engineering)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-engineering-and-technology/soet-me#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/btech-mechanical.pdf
14.	B. Tech. (Civil Engineering)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-engineering-and-technology/soet-civil#innovative-teaching-learning

		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/btech-Civil.pdf
15.	B. Tech. (Electrical Engineering)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-engineering-and-technology/soet-ee#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/btech-EE(SOET).pdf
16.	BCA / BCA (Hons.)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-computer-applications/soca-bca#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/BCA(SOET).pdf
17.	MCA	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-computer-applications/soca-mca#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/MCA(SOET).pdf
Proof of PEOs, POs, PSOs, and COs of School of Management			
18.	B.Com. /B.Com. (Hons.)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-management/som-bcom#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/som/CO-PO-Mapping/bcom-SOM.pdf
19.	BBA/BBA (Hons.)	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-management/som-bba#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/som/CO-PO-Mapping/bbahons-SOM.pdf
20.	MBA	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-management/som-mba#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/som/CO-PO-Mapping/MBA-SOM.pdf
Proof of PEOs, POs, PSOs, and COs of School of Nursing Science			
21.	B. Sc Nursing	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-nursing-sciences/bsc-nursing#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sons/CO-PO-Mapping/B.Sc.%20Nursing-SONS.pdf

22.	Post Basic B.Sc. Nursing	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-nursing-sciences/post-basic-bsc-nursing#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sons/CO-PO-Mapping/PB%20Nursing-SONS.pdf
23.	M. Sc Nursing	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-nursing-sciences/msc-nursing#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sons/CO-PO-Mapping/M.Sc.%20Nursing-SONS.pdf

Proof of PEOs, POs, PSOs, and COs of School of Pharmacy

24.	B. Pharm.	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-Pharmacy/sop-b-pharma#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sop/CO-PO-Mapping/BPharm-SOP.pdf
25.	M. Pharm.	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-Pharmacy/sop-m-pharma#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sop/CO-PO-Mapping/MPharm-SOP.pdf

Proof of PEOs, POs, PSOs, and COs of School of Sports Education

26.	BPES	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sports-education/sope-bpes#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sope/CO-PO%20Mapping/BPES-SOPE.pdf
27.	MPES	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sports-education/sope-mpes#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sope/CO-PO%20Mapping/MPES-SOPE.pdf
28.	B.P. Ed	PEOs-POs-PSOs	https://itmuniversity.ac.in/school-of-sports-education/sope-bpe#innovative-teaching-learning
		Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sope/CO-PO%20Mapping/BPED-SOPE.pdf
29.	Ph.D. (Engineering)	Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/soet/CO-PO/Phd%20Engineering.pdf

30.	Ph.D. (Pharmacy)	Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sop/CO-PO-Mapping/Phd%20Pharmacy.pdf
31.	Ph.D. (Management)	Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/som/CO-PO-Mapping/PhD%20Management.pdf
32.	Ph.D. (Sciences)	Course Outcomes & Course Articulation Matrix	https://resources.itmuniversity.ac.in/newweb/sos/co-po-mapping/Phd%20Sciences.pdf