मा‌धव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

REPORT OF ACADEMIC AUDIT WITH RESULTS (July 2023 to June 2024)

Date - (14 & 15th December, 2024)

Engineering & Allied Departments

S. No.	Name of the Department	CIVIL	MECH	CHEM	ELECT	IT	ELEX	CIOT	Depart. of Management	CSE	CAI	EMAC	ARCH
	Date :(14th & 15th December, 2024)	14 Dec	14 Dec	14 Dec	14 Dec	14 Dec	14 Dec	14 Dec	14 Dec	15Dec	15Dec	15 Dec	15 Dec
1	Admission details (% seats filled in 2023-2024, pie-charts for male-female ratio & category-wise break-up)	4	4	2	4	5	5	3	3	5	5	5	3
2	Student placements (both 2023 & 2024 passing years)	3	3	3	3	3	3	3	3	5	5	5	3
3	Faculty Details (Total faculty in Department, with PhD, % with PhD, scholar & Scopus)	3	3	3	3	4	3	3	2	5	4	4	4
3	Faculty & Department H-index (Google scholar & Scopus)	3	3	2	3	3	3	3	2	3	4	4	2
4	Continuous Evaluation Mechanism (Seminar, internship, skill based mini projects, minor projects, the list of projects on excel sheet, along with name of mentors, link of report. rubrics-based evaluation to be shown for each of the above on excel sheet for sample courses/classes) Continuous assessment in labs (1-2 records of each lab course)	3	3	2	3	2	3	3	3	4	4	4	4

S. No.	Name of the Department	CIVIL	MECH	CHEM	ELECT	IT	ELEX	CIOT	Depart. of Management	CSE	CAI	MAC	ARCH
5	**Internship/Project data sheet to be presented** (Total no of students in VIII semester, students opted for project/ for internship, no and names of industries involved, number of industry personnel served as mentors, analysis of internship data, no of papers presented/published, number of students got job where they were interning, any other achievement of students) **Summary also to be presented. % students with paid internship**	4	3	2	4	3	3	3		4	3	5	4
6	**Events and activities conducted by the department** (title, resource persons, dates, participants etc. and the link of report on webpage)	3	2	3	2	2	2	3	1	2	2	2	3
7	**QP (PP mode) analysis based on (i) CO coverage** (ii) difficulty level (iii) numeric/logic based/application oriented & (iv) outcomes of the exercise	2	3	2	3	1	4	2	2	3	3	3	3
8	**Analysis of MCQ based question papers** (Name of courses, level of questions in percentage, whether as per guidelines or deviation was found, comments/suggestions)	3	3	2	3	2	3	2	3	3	3	1	3
9	**Departmental faculty publications (please mention separately SCIE/ESCI/SCOPUS/UGC approved, conferences attended/ paper presented/published)**	3	3	2	4	1	4	4	2	3	2	3	3
10	Research Grants received or ongoing	3	3	1	4	1	3	3	1	3	1	2	1

S. No.	Name of the Department	CIVIL	MECH	CHEM	ELECT	IT	ELEX	CIOT	Depart. of Management	CSE	CAI	EMAC	ARCH
11	Department Student Publications & their quality (summary to be presented)	3	2	3	3	1	4	3	1	2	2	1	2
12	**Total MOOC courses completed by (i) Students (ii) Faculty (Format: Name, course title, certificate category) details in soft copy, folder)** *Achievements as toppers, discipline star etc. to be mentioned*	2	2	2	4	1	3	4	2	2	3	4	
13	**Training programmes/Webinars/** Conferences attended by faculty & staff	2	1	2	3	1	2	2	2	3	3	3	
14	**Alumni database created and efforts** made for enhancing their involvement in the department during 2023-2024 *(Enhancement in alumni connect to be highlighted)*	2	2	2	4	1	2	N.A.	4	2	N.A	N.A.	2
15	Partial delivery of courses by industry persons (Numbers, other details to be mentioned) **(Industry lectures to be given separately, not to be included above)**	2	1	1	4	1	2	3	3	2	2	1	2
16	**Industry Collaboration, MoUs, Activities** effective/live during 2023-2024, activities conducted under those MoUs	1	1	1	3	1	2	1	1	2	2	1	
17	The mechanism followed for addressing the **differential learning needs of the students** for both, *Students with learning issues & (ii) students having advanced learning abilities*	3	1	3	3	1	2	1	3	3	3	3	3
18	**Students counselling/ meeting / dialogue sessions conducted by the department with outcomes**	4	2	1	3	1	3	3	2	3	2	3	2

S. No.	Name of the Department	CIVIL	MECH	CHEM	ELECT	IT	ELEX	CIOT	Depart. of Management	CSE	CAI	EMAC	ARCH
19	Student & faculty achievements in & outside the institute & visibility of the department in the media & showcased on website (*Do not include the achievements already mentioned at point no 12*)	5	2	2	4	1	2	3	3	2	2	3	4
20	Departmental (i) success index with & without backlog (ii) Academic performance index	3	2	2	4	4	3	3	3	4	2	3	3
21	Any new initiatives taken during 2023-2024	2	2	1	3	1	2	3	3	3	3	1	2
22.	Analysis & Actions taken on previous (December 2023) Audit Report	3	2	2	3	2	3	N.A.	2	3	N.A.	2	2
	Points Obtained (A)	63	50	43	76	39	64	61	51	66	55	57	61
	Aggregate Points# (B)	110	110	110	110	110	110	100	110	110	100	105	110
	Percentage (B/A) *100	57.27	45.45	39.09	69.09	35.45	58.18	61.00	46.36	60.0	55.0	54.29	55.45
	Rank (Overall)	V	X	XI	I	XII	IV	II	IX	III	VII	VIII	VI
	# Based on applicable parameters							NA-2			NA-2	NA-1	

Report Compiled by 02/01/2025.
(Dean, FoET Office)

Submitted in Compliance

(Dr. R.K. Pandit)
Vice Chancellor
2.1.25

S. No.	Parameter	Criterion
1.	Seats filled	If ≥90%, points scored-5; 80-89%, points-4; 70-79%, points-3; 60-69%, points-2, else points-1
2.	Faculty details (% Ph.Ds)	If ≥ 50% faculty Ph.D- points scored-5; 40% faculty Ph.D- points scored-4; 30% faculty Ph.D- points scored-3; 20% faculty Ph.D- points scored-2; 10% faculty Ph.D- points scored-1
5.	Internship/Projects	If ≥ 20% students who opted for internship are getting stipend, points scored 5; ≥ 15% paid internships, points scored 4; ≥ 10% paid internships, points scored 3; ≥ 5% paid internships 2, paid internships ≤ 5 % points scored 1
8	Events and activities conducted	Efforts of departments post COVID were appreciated; Targets to be fixed for the next year onwards by the IQAC
9	Extension and Outreach Activities	If outreach activities are ≥ 10, points scored-5; outreach activities 8 to 9, points scored 4; outreach activities 6 to 7, points scored 3; outreach activities 4 to 5, points scored 2; outreach activities 2 to 3, points scored 1; else zero
10	QP (PP mode) analysis based on, CO coverage, difficulty level, numeric/logic based/application oriented & outcomes of the exercise	✓ ATR and outcomes should be clearly presented. ✓ All faculty must be communicated about the outcomes. ✓ Question paper quality and appropriateness of Bloom's levels to be ascertained ✓ In-house workshops are conducted; faculty discussions must take place.
12	Departmental publications (SCIE/ESCI/ SCOPUS Indexed only)	If per faculty publications ≥ 1, points scored 5; per faculty publications ≥ 0.8, points scored 4, per faculty publications ≥ 0.6, points scored 3, per faculty publications ≥ 0.4, points scored 2, per faculty publications ≥ 0.2, points scored 1, else zero.
13	MOOC courses completed by Faculty	If per faculty MOOCs completed≥ 1, points scored 5; per faculty MOOCs completed ≥ 0.8, points scored 4, per faculty MOOCs completed ≥ 0.6, points scored 3, per faculty MOOCs completed ≥ 0.4, points scored 2, per faculty MOOCs completed ≥ 0.2, points scored 1, else zero.
15	Training programmes/Webinars/ Conferences attended by faculty & Staff	If per faculty attended ≥ 1, points scored 5; per faculty attended ≥ 0.8, points scored 4, per faculty attended ≥ 0.6, points scored 3, per faculty attended ≥ 0.4, points scored 2, per faculty attended ≥ 0.2, points scored 1, else zero.
16	Alumni database created and effectively associated in the department	If ≥ 50% of last five year graduated, points scored = 5 If ≥ 40% of last five year graduated, points scored = 4 If ≥ 30% of last five year graduated, points scored = 3 If ≥ 20% of last five year graduated, points scored = 2 If ≥ 10% of last five year graduated, points scored = 1

S. No.	Parameter	Criterion
17	Industry collaboration, MoUs, activities effective/live during the year	If active MoUs ≥ 5, points scored = 5 If active MoUs ≥ 4, points scored = 4 If active MoUs ≥ 3, points scored = 3 If active MoUs ≥ 2, points scored = 2 If active MoUs ≥ 1, points scored = 1
20	Student meetings/ dialogue sessions conducted with outcomes (Records to be maintained) *Orientation sessions will not be considered here	If student meetings/ dialogue ≥ 10, points scored = 5 If student meetings/ dialogue ≥ 9, points scored = 4 If student meetings/ dialogue ≥ 8, points scored = 3 If student meetings/ dialogue ≥ 7, points scored = 2 If student meetings/ dialogue ≥ 6, points scored = 1

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(Dean, FoET Office)
02/01/2025

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