

A
Report
of

LAB AUDIT

April - 2019

UNDER



Internal Quality Assurance Cell



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Race Course Road, Gola Ka Mandir, Gwalior, M.P. 474005

Website: www.mitsgwalior.in

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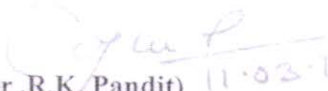
Ref: No. 744

Date: 11/03/2019

ORDER

A Lab Audit will be conducted in the departments, as per the following schedule on 6th & 7th April 2019. The HoDs, Lab In-charge & technical staff involved in the Labs are required to prepare for the same (as per the provided format)

Date		
Saturday, 06.04.2019		
S.No.	Name of Department	Time Slot
1.	Civil Engineering	10:00 A.M. – 11:00 A.M.
2.	Mechanical Engineering	11:00 A.M.- 12:00 P.M.
3.	Electrical Engineering	12:00 P.M:- 1:00 P.M.
Lunch (1:00 P.M. -2:00 P.M.)		
4.	Electronics Engineering	2:00 P.M 3:00 P.M.
5.	CSE & IT	3:00 P.M. – 4:00 P.M.
Date		
Sunday, 07.04.2019		
6.	Chemical Engineering	10:00 A.M.- 11:00 P.M.
7.	Biotechnology	11:00 A.M.- 12:00 P.M.
8.	Applied Science	12:00 P.M.- 1:00 P.M.
Lunch (1:00 P.M. -2:00 P.M.)		
9.	Architecture	2:00 P.M. – 3:00 P.M.
10.	Humanities & Central Computer Centre	3:00 P.M. – 4:00 P.M.


(Dr .R.K. Pandit) 11.03.19
Director

1. All the Heads of the Department
2. Director Office

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No. 750

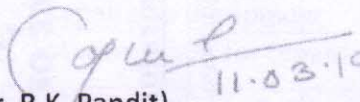
Date: 11.03.2019

ORDER

A Lab Audit committee of following faculty members is constituted to conduct the forthcoming Lab Audit on 6th & 7th April, 2019.

1. Dr. R.K. Gupta (Chairman)
2. Dr. R. Kansal, Member
3. Dr. Pratesh Jayaswal, Member
4. Prof. A.K. Saxena, Member

Undersigned will also be reviewing the Departmental Laboratories with the above team.


(Dr. R.K. Pandit)

Director

Copy to:-

1. All concerning members
2. Dean Academics
3. Director office

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10/04/19

Ref.: 19

To,

The Director,
MITS, Gwalior

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10th April, 2019

Subject : Lab Audit Report

Your reference : Order No. 750, dated 11.03.2019

Respected sir,

With reference to above, Lab Audit were conducted by the committee as per the schedule and format provided to Heads of the departments vide your Order no. 744, dated 11.03.2019.

Lab Audit reports, signed by all members, are being attached herewith for your information and further action, as per the details given below:

SNo.	Name of the Department	Page Nos.	Remark(s)
1	Civil Engineering	2 to 3	Visit date : 06.04.2019
2	Mechanical Engineering	4 to 5	Visit date : 06.04.2019
3	Electrical Engineering	6 to 7	Visit date : 06.04.2019
4	Electronics Engineering	8 to 9	Visit date : 06.04.2019
5	CSE & IT	10 to 11	Visit date : 06.04.2019
6	Chemical Engineering	12 to 13	Visit date : 07.04.2019
7	Biotechnology	14 to 15	Visit date : 07.04.2019
8	Applied Science	16 to 17	Visit date : 07.04.2019
9	Humanities and Central Computer Center	18 to 21	Visit date : 07.04.2019
10	Architecture	22 to 23	Visit date : 07.04.2019

Regards,

R.K.G.
10/4/19

(Prof R. K. Gupta)

Chairman –Lab Audit

Enclosures : Lab Audit Reports (as per above details)



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Results of Lab Audit (July 2017 - June 2018 Session)

Date - (06.04.2019 & 07.04.2019)

Criterion	CIVIL	MECHANICAL	ELECTRICAL	ELECTRONICS	CSE & IT	CHEMICAL	BIOTECHNOLOGY	APP. SCIENCES	HUMANITIES	Central Computer Centre	ARCHITECTURE
Criterion I : Maintenance of Laboratories	19	29	35	24	31	20	19	20	10	25	15
Rank (Criterion - I)	VII	III	I	V	II	VI	VII	VI	IX	IV	VIII
Criterion II : Effectiveness of Instruction and Evaluation	24	33	36	29	37	31	31	24	22	13	28
Rank (Criterion - II)	VII	III	II	V	I	IV	IV	VII	VIII	IX	VI
Total Points Obtained	43.00	62.00	71.00	53.00	68.00	51.00	50.00	44.00	32.00	38.00	43.00
Aggregate Points# (Total applicable Parameters for Civil, Mech., Elect., Elex., CSE & IT, Chem. Biotech. and Arch. = 18), Applied Science (18-2 = 16), Humanities (18-8 = 10), CCC (18-7=11)	90	90	90	90	90	90	90	80	50	55	90
Percentage	47.78	68.89	78.89	58.89	75.56	56.67	55.56	55.00	64.00	69.09	47.78
Rank (Overall)	X	IV	I	VI	II	VII	VIII	IX	V	III	X

Based on applicable parameters

Dr. Manjaree Pandit
15/4/19
(Dr. Manjaree Pandit)
(Dean Academic)

Dr. R.K. Pandit
15.4.19
(Dr. R.K. Pandit)
Director



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REPORT OF LAB AUDIT (July 2017 - June 2018 Session) (Quantitative)

Date - (06.04.2019 & 07.04.2019)

S. No.	Name of the Department	CIVIL	MECH.	ELECT.	ELEX.	CSE & IT	CHEM. ENGG.	BIOTECH	APP. SCIENCES	HUMANITIES	Central Computer Centre	ARCH.
Date - (06.04.2019 & 07.04.2019)												
Criterion I: Maintenance of Laboratories												
1	Overall Ambience of labs/arrangement of equipment/cleanliness	3	4	4	3	5	4	2	3	-	4	2
2	Working condition of equipment [List of working/non working equipment]	2	3	5	3	4	2	2	2	-	4	2
3	Action taken for removing obsolescence & for procuring new equipment [New equipment/experimental set up purchased during the last 3 academic years, proposals submitted to institute/AICTE/others]	2	4	5	3	4	2	2	2	-	4	3
4	Action taken for writing off non-working/non repairable equipment	2	3	4	3	3	2	2	2	-	3	2
5	Action taken for repairing non-working equipment	2	3	4	2	3	2	2	2	-	3	2
6	Display of list of experiments for all courses on walls	3	4	5	4	4	2	3	3	3	3	2
7	Display of Course Outcomes and Rubrics on walls	3	4	4	3	4	3	3	3	3	-	0
8	Display of vision & mission statements on walls	2	4	4	3	4	3	3	3	4	4	2
Criterion II: Effectiveness of Instruction and Evaluation												
9	Availability of Lab Time-Table	3	4	5	3	4	4	3	4	3	4	2
10	Availability of attendance records	3	4	4	3	4	3	3	4	4	3	4
11	List of Seminar Topics and evaluation records(SWAYAM)	3	4	3	3	4	3	4	-	-	-	2
12	New experiments added/made functional during the last 3 academic years[year wise list]	2	4	4	3	4	3	2	3	2	-	2
13	Records of internal viva & continuous evaluation	3	3	3	3	4	3	3	4	3	-	3
14	List of Programming/simulation exercises conducted in labs	0	2	3	3	4	3	3	1	-	3	2
15	Lab manuals/instruction sheets/operating procedures	3	3	4	3	4	3	3	3	3	-	2
16	Quality of student Journals/lab files	3	3	4	3	3	3	4	3	3	-	4
17	Use of visual aids & recorded experiments [Virtual Instruction through virtual labs]	2	3	3	2	3	3	3	2	4	3	2
18	Quality of Major & Minor Projects [Industry focused/societal relevance etc]	2	3	3	3	3	3	3	-	-	-	5
Total Points		43.00	62.00	71.00	53.00	68.00	51.00	50.00	44.00	32.00	38.00	43.00

Dr. Manjaree Pandit
(Dr. Manjaree Pandit) 15/4/19
(Dean Academic)

R.K. Pandit
(Dr. R.K. Pandit) 15.4.19
Director

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