

**A**  
**Report**

*On*

**Meritocracy Award**  
**2022**



**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](http://www.mitsgwalior.in)

**Awards/Certificate of appreciation for 'Significant Contribution' in the Institute to be given/announced on the occasion of the MITS-Day**

S.No.	Category	Number
1.	Contribution in Quality Enhancement	01
2.	Development of MOOC	02
3.	Integration of NEP 2020 in the curriculum	01
4.	Implementation of Examination Reforms	02
5.	Administrative Efficiency	02
6.	Achievements in NPTEL Examination	02
7.	Teaching-Learning	05
8.	Sincerity, hard work and support leading to value addition	07
9.	Research Awards (For publishing quality research papers)	18
10.	Publishing Edited Book	01
	<b>TOTAL</b>	<b>41</b>

*M. Pandit*  
07/03/2022  
(Dr. Manjaree Pandit)  
Dean Academics

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

DA/MP/2022/1445

Date: 22/02/2022

## NOTICE

**Subject:** The decision taken to conduct a department level “Off-line Campus Connect Program” to sensitize the students for smooth transition from on-line to off-line classes

**Aim:** The idea behind conducting this activity is to create a sense of belongingness for the institution among the students.

As discussed in the meeting of the HoDs, Deans, Registrar and Exam Controllers with the Director the following guidelines must be followed:

1. A department level team is to be constituted by the HoD for conducting this event on the first day itself.
2. First, the students will be welcomed to the institute, followed by introduction of all faculty members.
3. Then the students will be briefed about the vision, mission of institute/department, achievement/activities, placements of past students of the institute & department through power point.
4. Students will be briefed about the provisions of Flexible Curriculum, NEP-2020, projects, internships which are there for making students “Job ready”
5. There will be introduction of students. One by one each will be asked to come forward and express his/her views/experiences of past online teaching /expectations/career goals etc.
6. Tour of labs and other institute infrastructure
7. Games, Zumba or similar other fun activities in the lawns/spaces adjoining the department (With permission from Dean Student Welfare for better coordination of spaces)
8. Each department can use their own imagination for conducting this programme within the specified guidelines above.
9. The brief report along with schedule, attendance etc. of this student support activity must be sent to the office of the Dean Academics latest by 7<sup>th</sup> March 2022.
10. **The best performing department will be identified and awarded on 10<sup>th</sup> March 2022.**



(Dr. Manjaree Pandit)  
Dean Academics

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## Evaluation Criteria for Offline Campus Connect Program

Department	Schedule	Attendance(%)		Feedback Response Index(5)		Conduction	Innovation	Report	Remarks
CSE	Very Good	38	63	18%	4.63	Excellent	<ul style="list-style-type: none"> <li>• Covid awareness recording was played</li> <li>• Interesting schedule and themes</li> <li>• Oath by students</li> <li>• Awards given to students in different categories</li> </ul>	Very Good	<ul style="list-style-type: none"> <li>• The involvement of all faculty was nicely shown.</li> <li>• Evidences presented with photographs</li> <li>• Fun &amp; Games conducted</li> <li>• The photographs are very nice and students seem to have enjoyed a lot.</li> </ul>
IT	Very good	78	42	09%	4.31	Very Good	<ul style="list-style-type: none"> <li>• Invitation through online messenger</li> <li>• Geotag based prior location sharing</li> <li>• ICT Enabled Attendance System</li> <li>• Counselling session</li> </ul>	Very Good	<ul style="list-style-type: none"> <li>• Very detailed, covered all points well</li> <li>• All faculty members actively participated</li> </ul>
MAC	Very Good	58	53	--	--	Good	Not visible	Good	Evidence of all activities mentioned in schedule was not found in report
EC & ET	--	59	63	--	---	Very Good	<ul style="list-style-type: none"> <li>• Recording has been shared for both II &amp; III year EC/ET</li> <li>• Counselling session</li> </ul>	Good	<ul style="list-style-type: none"> <li>• All faculty members actively participated</li> <li>• All issues were nicely covered</li> </ul>
Mech & Auto	Very good	38	38	--	--	Very Good	<ul style="list-style-type: none"> <li>• Interesting schedule and themes</li> <li>• Guest invited for the event</li> </ul>	Good	<ul style="list-style-type: none"> <li>• All faculty members actively participated</li> <li>• All issues were nicely covered</li> <li>• Photographs and lab visit nice presentation</li> </ul>
Electrical	Very good	66	71	46%	4.43	Very Good	Laboratory visits and 33kV substation visit in the institute campus	Very Good	<ul style="list-style-type: none"> <li>• The involvement of all faculty was nicely shown.</li> <li>• Evidences presented elaborately with nice photographs</li> <li>• Fun &amp; Games conducted</li> </ul>
Civil	Very good	14	54	--	--	Good	Not visible	Very Good	<ul style="list-style-type: none"> <li>• The involvement of all faculty was nicely shown.</li> <li>• All issues were nicely covered</li> </ul>
Chemical	Very good	70	20	--	--	Very Good	Not visible	Good	<ul style="list-style-type: none"> <li>• The photographs are very nice and students seem to have enjoyed a lot.</li> </ul>
Architecture	--	65	25	--	---	Very good	Outdoor activity, games etc.	Good	<ul style="list-style-type: none"> <li>• The photographs are very nice and students seem to have enjoyed a lot.</li> <li>• All issues were nicely covered by the faculty</li> <li>• All faculty members actively participated</li> </ul>

*M. Pandit*  
17/03/2022  
(Dr. Manjaree Pandit)

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## Summary Sheet

(Offline Campus Connect Program)

Department	Schedule (5 points)	Attendance (%) (5 points)#	Feedback Response Index (5 points each)		Conduction (5 points)	Innovation (5 points)	Report (5 points)	TOTAL (Out of 35)	RANK
<b>CSE</b>	5	3	4	5	5	5	5	<b>32</b>	<b>FIRST</b>
<b>IT</b>	5	5	3	4	4	5	5	<b>31</b>	<b>SECOND</b>
MAC	5	4	--	--	3	2	3	17	
EC & ET	3	5	--	---	4	3	3	18	
Mech & Auto	5	2	--	--	4	3	3	18	
<b>Electrical</b>	5	5	5	4	4	4	4	<b>31</b>	<b>SECOND</b>
Civil	5	2	--	--	3	2	4	17	
Chemical	5	5	--	---	4	2	3	19	
Architecture	3	3	--	---	4	4	3	17	

# If average percentage attendance is between 60-70 then 5 points, if between 50-60 then 4 points, if between 40-50 then 3 points else 2 points allotted

*M. Pandit*  
17/3/2022.  
(Dr. Manjaree Pandit)  
Dean Academics

**Recommendation:** As the points earned by the three departments are very close and also much higher than other departments, it is recommended that CSE, IT and EE, all three should be awarded.

Submitted for approval

*R.K. Pandit*  
17.3.22  
(Dr. R.K. Pandit)  
Director

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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Date: 7<sup>th</sup> March 2022

## Note

It is proposed that in accordance with the "Meritocracy over Mediocrity" policy of the IQAC of the institute "Certificate for Significant Contribution" may be awarded to the following faculty & staff members based on their performance in various activities mentioned against their names in the following Table.

S.No.	Name of the Faculty/Staff	Designation/ Department	Nature of Activity	Significant Contribution in/for
(1)	Dr. Pratesh Jayaswal	Registrar, MITS & Professor, Department of Mechanical Engineering, Coordinator, IQAC	Coordination of Quality Enhancement initiatives	<b>Administrative competence leading to quality improvement</b>  Excellent coordination of the TEQIP-III project in the capacity of Academic Coordinator which resulted in the institute securing the First Rank at National Level in the final performance audit of TEQIP-III
(2)	Prof. Mir Shahnawaz Ahmad	Assistant Professor, Computer Science and Engineering	Development of MOOC	<b>Establishing Institutional Distinctiveness through innovative teaching-learning</b>  By developing the MOOC for the course <b>Introduction to Computer Programming (230102)</b> which is available on the webpage of the institute.
(3)	Prof. Saurabh Kumar Rajput	Assistant Professor, Electrical Engineering	Development of MOOC	<b>Establishing Institutional Distinctiveness through innovative teaching-learning</b>  By developing the MOOC for the course <b>Solar PV System: Design &amp; Economics(130614)</b>

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S.No.	Name of the Faculty/Staff	Designation/ Department	Nature of Activity	Significant Contribution in/for
(4)	Dr. Akhilesh Tiwari	Professor & Head, Information Technology Member Secretary (Academic Council)	Preparation of scheme & structure of curriculum with Integration of NEP 2020	<p><b>"Integration of NEP 2020 in the curriculum"</b></p> <p>- Preparing the Scheme &amp; structure of phase-II of Flexible Curriculum conforming to NEP 2020 guidelines</p>
(5)	Dr. P.K. Singhal	Professor Department of Electronics	Implementation of Examination Reforms	<b>Conduction of examinations in Multiple Mode</b>
(6)	Dr. Sunita Sharma	Dy. Controller Examination	Creating mechanism for MOOCs integration in examination	<p><b>Key role in coordinating the "Credit transfer from MOOCs"</b></p> <p>Integration of Minors/Honors degree provisions &amp; reflection of "Credits Transferred" in the TR &amp; Mark Sheet</p>
(7)	Dr. Laxmi Shrivastav	Associate professor & Head, Department of Electronics & Telecommunication	Administrative Efficiency	<p><b>"Administration: as Head of Department"</b></p> <p>The Administrative Efficiency index (AEI) for the Electronics &amp; Communication department was highest (7.35 out of 10) in the Jan-June 2021 Semester</p>
(8)	Dr. Akhilesh Tiwari	Professor & Head, Information Technology	Administrative Efficiency	<p><b>"Administration: as Head of Department"</b></p> <p>The Administrative Efficiency index (AEI) for the Information Technology department was highest (8.56 out of 10) in the July-December 2021 Semester</p>



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S.No.	Name of the Faculty/Staff	Designation/ Department	Nature of Activity	Significant Contribution in/for
(9)	Prof. Anish P. Jacob	Assistant Professor, Chemical Engineering	Achievement in NPTEL Examination	<b>"TOPPER IN NPTEL-MOOC Course"</b> Received Certificate from NPTEL for the course <b>"Electrochemical Technology in Pollution Control"</b> for being the <b>'Topper of this Course'</b>
(10)	Prof. Aditya Kumar Agrawal	Assistant Professor, Civil Engineering	Achievement in NPTEL Examination	<b>"NPTEL-DISCIPLINE STAR"</b>  Received the <b>"NPTEL-DISCIPLINE STAR"</b> Certificate from NPTEL for successfully completing courses totalling more than 50 Hours
(11)	Prof. Prabhakar Sharma	Assistant Professor, Department of Mathematics and Computing	Teaching-Learning	<b>Category A: "First Year On-line Teaching-Learning" (Maintaining mentoring levels consistently, in both semesters)</b>  Scoring Average FFI > 4.25 in both semesters of the July 2020-June 2021 sessions in <b>'Introduction to computer programming' &amp; 'Object Oriented Programming and Methodology'</b>
(12)	Prof. Mir Shahnawaz Ahmad	Assistant Professor, Department of Computer Science & Engineering	Teaching-Learning	<b>"Category A: First Year On-line Teaching-Learning" (Maintaining mentoring levels consistently, in both semesters)</b>  Scoring Average FFI > 4.25 in both semesters of the July 2020-June 2021 session in <b>'Introduction to computer programming' &amp; 'Basic Computer Engineering'</b>

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S.No.	Name of the Faculty/Staff	Designation/ Department	Nature of Activity	Significant Contribution in/for
(13)	Dr. Manish Kumar Sagar	Professor, Mechanical Engineering Department	Teaching-Learning	<p><b>Category A: "First Year On-line Teaching-Learning" (Maintaining mentoring levels consistently, in both semesters)</b></p> <p>Scoring Average FFI &gt; 4.25 in both semesters of the July 2020-June 2021 session in Engineering Graphics</p>
(14)	Dr. D.K. Jain	Professor, Department of Mathematics and Computing	Teaching-Learning	<p><b>Category B: "On-line Teaching-Learning for Second Year Onwards" (Maintaining mentoring levels consistently, in both semesters)</b></p> <p>Scoring Average FFI &gt; 4.25 in both semesters of the July 2020-June 2021 session in 'Engineering Mathematics-II' &amp; Discrete Mathematical Structures</p>
(15)	Prof. Saumil Maheshwari	Assistant Professor, Department of Information Technology	Teaching-Learning	<p><b>Category C: "On-line Teaching-Learning for First to Final Year" (Maintaining mentoring levels consistently, in both semesters)</b></p> <p>Scoring Average FFI &gt; 4.25 in both semesters of the July 2020-June 2021 session in 'Database Management System' &amp; 'Data Structure'</p>

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S.No.	Name of the Faculty/Staff	Designation/ Department	Nature of Activity	Significant Contribution in/for
(16)	Mr. Vijayant Pancholi	Class IV (Skilled)	Support during faculty recruitment process	<b>Sincerity &amp; Integrity beyond nature of duty</b>  Showing exceptional skills in remembering and extracting the physical records from large collection of files
(17)	Mr. Vinod Sharma	LDC (AFG-III) Dean Office	Academic & research related record keeping, e-management of Dean Academics Office	<b>Diligence, efficiency &amp; adherence to timelines</b>  Managing large number of records, correspondence, compilation of academic documentation & maintaining schedules for quality enhancement activities
(18)	Mrs. Padma Naidu	Senior Steno	Support and e-management in the Director Office	<b>Constancy, Dependability &amp; Efficiency</b>  Support in the smooth functioning of the Director office with commitment and composure
(19)	Mr. Dharmendra Gorakhpuri	Accounts officer	Support in management of finances	<b>Dedication, team-spirit &amp; going an extra mile</b>  Managing the accounts during the critical Covid situation with expertise & adeptness
(20)	Mr. Praful Dubey	Assistant Foreman	Contribution in providing Essential Support Services	Efficient management at ground level and round the clock vigilance and watch on the large electrical infrastructure of the institute
(21)	Mr. Bharat Sakwar	Teaching Assistant	Contribution in maintenance of infrastructure	Determined efforts and persistent endeavors to maintain the expanding civil infrastructure of the campus



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S.No.	Name of the Faculty/Staff	Designation/ Department	Nature of Activity	Significant Contribution in/for
(22)	Shri V.S. Kushwah	Sanitary Inspector	Contribution in maintaining a clean & green campus	Continual and committed efforts to fulfill the requirements of a hygienic and green environment of the campus
<b>RESEARCH AWARDS-2021</b>				
	<b>Please refer to Annexure-I</b> Number of faculty members in this category: <b>19</b>		Publication of research papers in quality journals	Bringing visibility and accolades to the institute through Paper publication in SCIE, ESCI & Scopus indexed research journals and edited books in year <b>2021</b>

*M. Pandit*  
07/03/2022

Dr. Manjaree Pandit  
Dean (Academics)

Submitted for approval

*R.K. Pandit*  
11.3.22  
(Dr. R.K. Pandit)  
Director

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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## RESEARCH AWARDS : 2021

S. No.	Name of faculty	Department	Publications in WoS	Publications in Scopus <sup>#</sup>	Remarks
1.	Abhilash Sonkar, R. K. Gupta	IT CSE	--	01	--
2.	Abhishek Dixit, Akhilesh Tiwari and R. K. Gupta	IT IT CSE	01	01	1 SCIE
3.	Dr. Amit Aherwar	ME	01	01	SCIE-1
4.	Arun Kumar Wadhvani	EE	--	01	--
5.	Deepak Batham	EC	01	01	SCIE-1
6.	Jayvant Choudhary	CE	01	01	SCIE-1
7.	Laxmi Shrivastava	EC	01	01	SCIE-1
8.	Dr. M.K. Gaur	ME	05	06	SCIE-5
9.	M.K. Gaur M.K. Sagar	ME	01	01	ESCI-1
10.	Manish Dixit	CSE	02	03	SCIE-2
11.	Manjaree Pandit	EE	01	01	SCIE-1
12.	Manoj Kumar Trivedi	CE	--	02	--
13.	Nikhil Paliwal, Manjaree Pandit	EE	01	01	SCIE-1
14.	Sandeep Sharma	EC	01	01	SCIE-1
15.	Sulochana Wadhvani, A.K. Wadhvani	EE	02	02	SCIE-2
16.	Trilok Pratap Singh	DOM	---	02	ESCI-1
17.	TOTAL		18	26 <sup>#</sup>	SCI-17, ESCI-2

# Papers in conference proceedings are not included: 13 nos

The summary is submitted for information.  
MMS  
07/03/2022

Certificate for Significant Contribution: 2021

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## RESEARCH AWARDS-2021

S.No.	Name of the Faculty	Designation/ Department	Significant Contribution in/for
1.	Dr. Manoj Kumar Gaur	Professor, Department of Mechanical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journals (Paper publication in <b>FIVE SCIE, TWO ESCI, ONE SCOPUS</b> indexed journals)
2.	Dr. Manjaree Pandit	Professor, Department of Electrical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>TWO SCIE</b> indexed journal)
3.	Dr. Arun Kumar Wadhvani	Professor, Department of Electrical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE and Scopus indexed research journals (Paper publication in <b>TWO SCIE &amp; ONE SCOPUS</b> indexed journals)
4.	Dr. Manish Dixit	Professor, Department of Computer Science & Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE and Scopus indexed research journals (Paper publication in <b>TWO SCIE &amp; ONE SCOPUS</b> indexed journals)
5.	Dr. Sulochana Wahwani	Professor, Department of Electrical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>TWO SCIE</b> indexed journal)
6.	Dr. R.K. Gupta	Professor, Department of Computer Science & Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE and Scopus indexed research journals (Paper publication in <b>ONE SCIE &amp; ONE SCOPUS</b> indexed journals)

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S.No.	Name of the Faculty	Designation/ Department	Significant Contribution in/for
7.	Prof. Abhishek Dixit	Assistant Professor, Department of Information Technology	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
8.	Dr. Akhilesh Tiwari	Professor, Department of Information Technology	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
9.	Dr. Amit Aherwar	Assistant Professor, Department of Mechanical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
10.	Dr. Deepak Batham	Assistant Professor, Department of Electronics Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
11.	Dr. Jayvant Choudhary	Assistant Professor, Department of Civil Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
12.	Dr. Laxmi Shrivastava.	Associate Professor Department of Electronics Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
13.	Prof. Nikhil Paliwal	Assistant Professor, Department of Electrical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)

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S.No.	Name of the Faculty	Designation/ Department	Significant Contribution in/for
14.	Dr. Sandeep Sharma	Assistant Professor Department of Electronics Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE SCIE</b> indexed journal)
15.	Dr. Trilok Pratap Singh	Assistant Professor, Department of Management	Bringing visibility and accolades to the institute through Paper publication in Scopus indexed research journal (Paper publication in <b>ONE ESCI &amp; ONE SCOPUS</b> indexed journal)
16.	Dr. Manish Kumar Sagar	Professor, Department of Mechanical Engineering	Bringing visibility and accolades to the institute through Paper publication in SCIE indexed research journal (Paper publication in <b>ONE ESCI</b> indexed journal)
17.	Dr. Manoj Kumar Trivedi	Professor, Department of Civil Engineering	Bringing visibility and accolades to the institute through Paper publication in Scopus indexed research journal (Paper publication in <b>TWO SCOPUS</b> indexed journal)
18.	Prof. Abhilash Sonker	Assistant Professor, Department of Information Technology	Bringing visibility and accolades to the institute through Paper publication in Scopus indexed research journal (Paper publication in <b>ONE SCOPUS</b> indexed journal)
19.	Dr. Sanjiv Sharma	Assistant Professor Department of Information Technology	Bringing visibility and accolades to the institute by publishing edited book Titled "Big Data Analytics in Cognitive Social Media and Literary Texts" in Springer, Singapore

Compiled using information received from the departments

*M. Pandit*  
07/03/2022  
Dr. Manjaree Pandit  
Dean (Academics)

Submitted for approval

*R.K. Pandit*  
11-3-22  
(Dr. R.K. Pandit)  
Director  
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