

**A**  
**REPORT**  
**ON**  
**FACULTY INDUCTION PROGRAMME (FIP)**  
**FOR**  
**NEWLY APPOINTED FACULTY**  
**ON**  
**January 28 – 29, 2023**

**CONDUCTED BY**



**Internal Quality Assurance Cell**



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE**

(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)**

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## **ABOUT FACULTY INDUCTION PROGRAMME (FIP)**

- ✓ Earlier a weeklong event was planned but due to the Covid situation, only a two-day program was conducted to apprise the new faculty about all the practices being followed in the institute.
- ✓ In the FIP, **there were sessions on Teaching-learning, OBE, NEP-2020, NAAC accreditation, examination reforms, NIRF ranking, Flexible Curriculum, and the role of IQAC** for quality assurance in the institute.
- ✓ The sessions were interactive and a quiz on MOODLE was conducted after each session.
- ✓ Anonymous feedback, for each session, from the faculty, was also taken after the completion of the Induction Programme.
- ✓ Grades were given to participants based on their performance in the quiz conducted after each session.
- ✓ The new faculty also took a pledge to serve the institute with dedication and to always uphold the rules regulations and traditions of the institute.

## **ORGANIZER**

### **About MITS, GWALIOR**

Madhav Institute of Technology and Science (MITS), Gwalior was established by His Highness Sir Jiwaji Rao Scindia, Maharaja of Erstwhile State of Gwalior, to create world-class quality Engineers and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957. Since its inception, the institute has constantly strived for excellence and quality. Today the institute offers fifteen UG programs along with research programs leading to a Masters's degree in thirteen specializations and Ph.D. in various technical streams. Various departments of the institute have well-equipped laboratories and experienced faculty. The institute is a minor QIP center for Ph.D. programs in five disciplines. The institute is also funded by the World Bank under TEQIP phase III to strengthen the quality of technical education.

## **BROCHURE**

1. **Context:** As per Institute Perspective Plan, the appointment of full-time regular quality faculty is of prime importance to the Institute. The constant growth of faculty in all dimensions of Technical Education is an integral part of the Annual Quality Assurance plan of the Institute. New faculty need rigorous preparation and opportunities for continuous professional development along with academic and professional support. One of the mandates set by the Institute is the development and implementation of a high-quality Faculty Induction Programme for newly recruited faculty in institutions. This will help new faculty to improve their teaching and classroom management skills, adjust to the culture of higher education institutions, and better understand their professional responsibilities. The three days Faculty Induction Programme will help with the transition of new faculty into the teaching profession.
2. **Objectives:** The Faculty Induction Programme aims to help new faculty:
  - a. Understand their roles and responsibilities as faculty members
  - b. Familiarize themselves with the structure, functioning, and professional expectations in the institution
  - c. Explore pedagogical processes - curricular considerations, instructional planning, teaching methods, classroom management and transaction, use of resources and assessment
  - d. Recognize the importance of self-development, socio-emotional development of students and of nurturing ethics and values in higher education
3. **Guidelines:**
  - a. All newly recruited regular, full time faculty members must complete the Faculty Induction Programme successfully.
  - b. The Induction Programme will be conducted in Offline mode.
  - c. It is envisaged as an in campus programme.
  - d. The pedagogy used in the Induction Programme will be participant-centred, inclusive, outcome-based, active learning with apt use of technology.
  - e. The pedagogy of the Programme will be based on a combination of peer-facilitated, expert-led, and self-learning processes.

- Discussions, debate and group reflection will be the basis of in-class sessions.
  - Connecting key concepts and ideas to the everyday of the classroom will be central to the pedagogy of this programme.
  - Participants will be actively encouraged to reflect on and share their own understanding, questions, practice and experience.
  - Collaborative learning methods along with role plays and demonstration will be used.
  - Relevant internal resource persons will share their experiences.
4. **Assessment:** The assessment of faculty during Induction Programme will be a built-in process of continuous assessment during the sessions.
  5. **Certification:** Based on Assessment process, the certificate of completion of Faculty Induction Programme will be provided after successful completion of programme.

## SCHEDULE OF THE FACULTY INDUCTION PROGRAMME

	<p><b>Madhav Institute of Technology &amp; Science,</b></p> <p>A Govt. Aided UGC Autonomous &amp; NAAC Accredited Institute affiliated to RGPV, Bhopal Gwalior, M.P. 474005, website: <a href="http://www.mitsgwalior.in">www.mitsgwalior.in</a></p>	<p><b>MITS: Mission to Innovate Technology for Society</b></p>

### Day-1 (Venue:)

Date	11:00 am-12:00 am	12:00 am-1:00 pm	1:00PM-1:30 PM 2.30 pm	1:30 pm-2:30pm	2:30 pm-3:30pm	3:30 pm-4:30pm
28.1.2023	<b>Session-1</b> Motivational Address by the Chairman H.R. Committee	<b>Session-2</b> Academic Reforms in Implemented the d Institute	Break	<b>Session-3</b> Examination Process	<b>Session-4</b> MOOCs, Development and digital Teaching practices Processes	<b>Session-5</b> Hands-on practice session on Moodle
	Resource Person	Dr. K.K. Aggarwal		Dr. Manjaree Pandit Dean Academics	Dr. P. K Singhal Controller Exams	Dr. R. R. Makwana In-charge MOOC

### Day-2 (Venue:)


Date	11:00 am-11:45 am	11:45 am-12:30 pm	12:30 am-01:15 pm	1:15 pm-2.15 pm	2:15 pm-2:45pm	2:45 pm-4:30pm
29.1.2023	<b>Session-6</b> Flexible Curriculum Implemented in Institution	<b>Session-7</b> Implementation of NEP / OBE	<b>Session-8</b> Online teaching-learning through SWAYAM	Break	<b>Session-9</b> Best Practices for IMS	<b>Session-10</b> Hands-on practice session on MOODLE
	Resource person	Dr. Akhilesh Tiwari Professor & Member Secretary AC	Dr. Manjaree Pandit Dean Academics		Prof. Praveen Bansal SWAYAM Coordinator	Dr. R. R. Makwana In-charge IMS

# GRADE OF THE FACULTY INDUCTION PROGRAMME

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)  
Faculty Induction Programme Conducted on 28th & 29th Jan 2023


Faculty Name	Department	Attendance 28 & 29 Jan 2023	QUIZ- MOOCs development tools and Technologies	Quiz: MIS/IMS	Assignment Session-6 (29 Jan 2023) AC	Moodle quiz Session 10 (29 Jan 2023) AC	QUIZ: SESSION 6 (29 Jan 2023) AT	Quiz Session 8 (29 Jan 2023) PB	Quiz: Examination Process (29 Jan 2023) PS	Quiz Session 2 & 7 (29 Jan 2023) MP	FIP Jan 2023 total out of 100	Grading
Dr. Rohit Agrawal	Computer Science and Design	10.0	8.0	8.0	10.0	10.0	6.0	10.0	-	15.5	77.5	B+
Dr. Kritika Bansal	Artificial Intelligence and Machine Learning	10.0	8.0	8.0	8.0	10.0	8.0	10.0	10.0	17.5	89.5	A
Mr. Aditya Dubey	Internet of Things (IoT) (Offered by Information Technology Department)	10.0	8.0	8.0	10.0	9.2	9.0	10.0	10.0	16.5	90.7	A+
Dr. Priyanka Gang	Internet of Things (IoT) (Offered by Information Technology Department)	10.0	4.0	6.0	9.0	9.2	9.0	10.0	10.0	15.5	82.7	A
Dr. Gagandeep Kaur	Computer Science and Design	10.0	6.0	8.0	10.0	10.0	8.0	10.0	4.3	16.5	84.8	A
Dr. Gaurav Khare	Internet of Things (Offered by Electrical Engineering Department)	10.0	8.0	8.0	10.0	7.5	8.0	9.0	10.0	16.5	87.0	A
Dr. Anu Kumar	Artificial Intelligence and Machine Learning	A	A	A	A	A	A	A	A	A	A	
Dr. Saurabh Kumar Rajput	Internet of Things (Offered by Electrical Engineering Department)	10.0	8.0	8.0	10.0	10.0	10.0	10.0	10.0	16.5	92.5	A+
Dr. Devesh Kumar Lal	Computer Science and Design	10.0	6.0	8.0	10.0	10.0	4.0	10.0	10.0	14.5	82.5	A
Dr. Muri Manohar	Internet of Things (Offered by Electrical Engineering Department)	10.0	8.0	8.0	10.0	10.0	8.0	9.0	8.6	17.5	89.1	A
Ms. Shubha Mishra	Information Technology (Artificial Intelligence and Robotics)	10.0	4.0	8.0	10.0	6.7	9.0	2.0	7.1	7.5	64.3	B
Dr. Nikhil Palwal	Electrical Engineering	10.0	6.0	8.0	10.0	9.2	9.0	9.0	10.0	14.0	85.2	A
Ms. Smrita Parle	Computer Science & Engineering	10.0	8.0	8.0	10.0	10.0	10.0	9.0	10.0	14.0	89.0	A
Dr. Bhagat Singh Raghuramshi	Information Technology (Artificial Intelligence and Robotics)	10.0	8.0	8.0	10.0	7.5	6.0	9.0	10.0	15.5	82.0	A
Dr. Bhavna Rathore	Internet of Things (Offered by Electrical Engineering Department)	10.0	8.0	8.0	10.0	10.0	10.0	10.0	8.6	17.0	91.6	A+
Dr. Yashwant Sawle	Electrical Engineering	10.0	4.0	8.0	-	10.0	8.0	9.0	10.0	13.0	72.0	B+
Dr. Nidhi Saxena	Information Technology	10.0	6.0	4.0	10.0	7.5	6.0	9.0	7.1	15.5	75.1	B+
Dr. Kaushal Pratap Sengar	Internet of Things (Offered by Electrical Engineering Department)	10.0	8.0	8.0	9.0	8.3	8.0	6.0	10.0	14.5	81.8	A
Mr. Mir Shah Nawaz Ahmad	Information Technology	10.0	8.0	8.0	10.0	10.0	9.0	10.0	8.6	16.5	90.1	A+
Dr. Sunil Kumar Shukla	Artificial Intelligence and Machine Learning	10.0	8.0	8.0	-	8.3	8.0	9.0	8.6	16.5	76.4	B+
Dr. Ashish Soni	Artificial Intelligence and Machine Learning	10.0	6.0	8.0	8.0	9.2	8.0	10.0	-	15.0	74.2	B+
Dr. Anshika Srivastava	Artificial Intelligence (AI) and Data Science	10.0	8.0	8.0	8.0	10.0	10.0	10.0	10.0	17.5	91.5	A+
Dr. Vibha Tiwari	Artificial Intelligence (AI) and Data Science	10.0	8.0	6.0	10.0	7.5	9.0	10.0	8.6	15.5	84.6	A
Dr. Kuldeep Narayan Tripathi	Computer Science and Design	10.0	8.0	8.0	10.0	10.0	9.0	10.0	8.6	16.5	90.1	A+
Dr. Nookala Venu	Internet of Things (IoT) (Offered by Information Technology Department)	10.0	8.0	4.0	6.0	10.0	8.0	9.0	8.6	16.5	80.1	A


  
Mr. Atul Chauhan  
Programmer

  
Dr. R. R. Makwana  
In-charge MDOC

  
Prof. Praveen Bansal  
SWAYAM Coordinator

  
Dr. Akhilesh Tiwari  
Professor & Member Secretary AC


  
Dr. R. K. Singhal  
Controller Exams


  
Dr. Manjaree Pandit  
Dean Academics  
02/02/2023





## FEEDBACK OF EXPERTS

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)								
Faculty Induction Programme (28th & 29th Jan 2023) Feedback								
Faculty Name		Registered	Response	FFI				
Session 2 & 7 (Dr. Manjaree Pandit)		25	22	4.73				
Wednesday, 1 February 2023, 1:38 PM								
Submitted answers: 22								
Label	Question	Excellent	Very good	Good	Average	Below average	QV	Comment
1	The session goals were clear	16	6	0	0	0	4.73	Satisfactory
2	How useful you expect the session to be	16	5	1	0	0	4.68	Satisfactory
3	The content was relevant	15	7	0	0	0	4.68	Satisfactory
4	The delivery was good	17	5	0	0	0	4.77	Satisfactory
5	The session was interactive	15	6	1	0	0	4.64	Satisfactory
6	The resource person was well prepared	17	5	0	0	0	4.77	Satisfactory
7	The resource person made sincere efforts	18	4	0	0	0	4.82	Satisfactory
8	The session was motivating	17	5	0	0	0	4.77	Satisfactory
9	Overall experience was	16	5	1	0	0	4.68	Satisfactory
						<b>4.73</b>		
Maintain time slot Ma'aM, Excellent Kindly send the materials including PPTs and PDFs Session was excellent and fruitful.		Faculty Name & Signature		HOD		DIRECTOR		


MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)								
Faculty Induction Programme (28th & 29th Jan 2023) Feedback								
Faculty Name		Registered	Response	FFI				
Session-8 (Prof. Praveen Bansal)		25	23	4.56				
Wednesday, 1 February 2023, 2:11 PM								
Submitted answers: 23								
Label	Question	Excellent	Very good	Good	Average	Below average	QV	Comment
1	The session goals were clear	16	6	0	1	0	4.61	Satisfactory
2	How useful you expect the session to be	15	7	0	1	0	4.57	Satisfactory
3	The content was relevant	14	8	1	0	0	4.57	Satisfactory
4	The delivery was good	13	9	0	1	0	4.48	Satisfactory
5	The session was interactive	15	6	2	0	0	4.57	Satisfactory
6	The resource person was well prepared	14	8	0	1	0	4.52	Satisfactory
7	The resource person made sincere efforts	15	7	1	0	0	4.61	Satisfactory
8	The session was motivating	12	10	1	0	0	4.48	Satisfactory
9	Overall experience was	15	7	1	0	0	4.61	Satisfactory
						<b>4.56</b>		
In short time, you explained all important points. U r perfect		Faculty Name & Signature		HOD		DIRECTOR		

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**Faculty Induction Programme (28th & 29th Jan 2023) Feedback**

Faculty Name		Registered	Response	FFI
Session-3 (Dr. P. K Singhal)		25	23	4.59

Wednesday, 1 February 2023, 12:59 PM  
Submitted answers: 23



Label	Question	Excellent	Very good	Good	Average	Below average	QV	Comment
1	The session goals were clear	16	6	1	0	0	4.65	Satisfactory
2	How useful you expect the session to be	15	8	0	0	0	4.65	Satisfactory
3	The content was relevant	13	10	0	0	0	4.57	Satisfactory
4	The delivery was good	16	7	0	0	0	4.70	Satisfactory
5	The session was Interactive	14	8	1	0	0	4.57	Satisfactory
6	The resource person was well prepared	17	5	1	0	0	4.70	Satisfactory
7	The resource person made sincere efforts	15	6	2	0	0	4.57	Satisfactory
8	The session was motivating	14	6	3	0	0	4.48	Satisfactory
9	Overall experience was	15	4	4	0	0	4.48	Satisfactory
							<b>4.59</b>	

Sir explained the examination process in very perfect manner that is easy to understand for everyone  
Sir explain the examination procedure in excellent manner.  
Kindly share the contents pdf and ppt  
Nil  
Excellent  
Sir explained the exam process in very perfect manner and also resolved all our Share the materials including PPTs and PDFs  
Grateful to the management for conducting the FIP. Learnt a lot about various rules, regulations, guidelines and procedures to be followed during teaching learning and other institutional activities.


Faculty Name & Signature \_\_\_\_\_ HOD \_\_\_\_\_ DIRECTOR \_\_\_\_\_

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
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**Faculty Induction Programme (28th & 29th Jan 2023) Feedback**

Faculty Name		Registered	Response	FFI
Session-6 (Dr. Akhilesh Tiwari)		25	23	4.71


Wednesday, 1 February 2023, 2:06 PM  
Submitted answers: 23

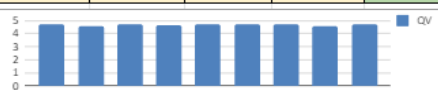


Label	Question	Excellent	Very good	Good	Average	Below average	QV	Comment
1	The session goals were clear	18	5	0	0	0	4.78	Satisfactory
2	How useful you expect the session to be	16	6	1	0	0	4.65	Satisfactory
3	The content was relevant	16	7	0	0	0	4.70	Satisfactory
4	The delivery was good	16	6	1	0	0	4.65	Satisfactory
5	The session was interactive	16	6	1	0	0	4.65	Satisfactory
6	The resource person was well prepared	19	4	0	0	0	4.83	Satisfactory
7	The resource person made sincere efforts	17	6	0	0	0	4.74	Satisfactory
8	The session was motivating	16	6	1	0	0	4.65	Satisfactory
9	Overall experience was	18	5	0	0	0	4.78	Satisfactory
							<b>4.71</b>	

Follow same manner  
Kindly send the materials including PPTs and PDFs  
Excellent

Faculty Name & Signature \_\_\_\_\_ HOD \_\_\_\_\_ DIRECTOR \_\_\_\_\_

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR									
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)									
Faculty Induction Programme (28th & 29th Jan 2023) Feedback									
Faculty Name		Registered	Response	FFI					
Session-4 & 9 (Dr. R. R. Makwana)		25	23	4.52					
Wednesday, 1 February 2023, 2:14 PM									
Submitted answers: 23									
Label	Question	Excellent	Very good	Good	Average	Below average	QV	Comment	
1	The session goals were clear	14	8	1	0	0	4.57	Satisfactory	
2	How useful you expect the session to be	14	8	0	1	0	4.52	Satisfactory	
3	The content was relevant	13	9	1	0	0	4.52	Satisfactory	
4	The delivery was good	13	9	1	0	0	4.52	Satisfactory	
5	The session was interactive	13	8	1	1	0	4.43	Satisfactory	
6	The resource person was well prepared	15	6	2	0	0	4.57	Satisfactory	
7	The resource person made sincere efforts	14	8	1	0	0	4.57	Satisfactory	
8	The session was motivating	13	9	1	0	0	4.52	Satisfactory	
9	Overall experience was	12	10	1	0	0	4.48	Satisfactory	
								4.52	
Excellent									
Nil									
		Faculty Name & Signature		HOD		DIRECTOR			

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR									
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)									
Faculty Induction Programme (28th & 29th Jan 2023) Feedback									
Faculty Name		Registered	Response	FFI					
Session-5 & 10 (Mr. Atul Chauhan)		25	23	4.68					
Wednesday, 1 February 2023, 2:17 PM									
Submitted answers: 23									
Label	Question	Excellent	Very good	Good	Average	Below average	QV	Comment	
1	The session goals were clear	18	4	1	0	0	4.74	Satisfactory	
2	How useful you expect the session to be	16	4	3	0	0	4.57	Satisfactory	
3	The content was relevant	18	3	2	0	0	4.70	Satisfactory	
4	The delivery was good	16	6	1	0	0	4.65	Satisfactory	
5	The session was interactive	18	4	1	0	0	4.74	Satisfactory	
6	The resource person was well prepared	18	4	1	0	0	4.74	Satisfactory	
7	The resource person made sincere efforts	17	5	1	0	0	4.70	Satisfactory	
8	The session was motivating	16	5	2	0	0	4.61	Satisfactory	
9	Overall experience was	18	3	2	0	0	4.70	Satisfactory	
								4.68	
Nil									
U explained- how to perform practical based learning in the class. Thankyou sir.									
Excellent									
Excellent									
		Faculty Name & Signature		HOD		DIRECTOR			

## GLIMPSES































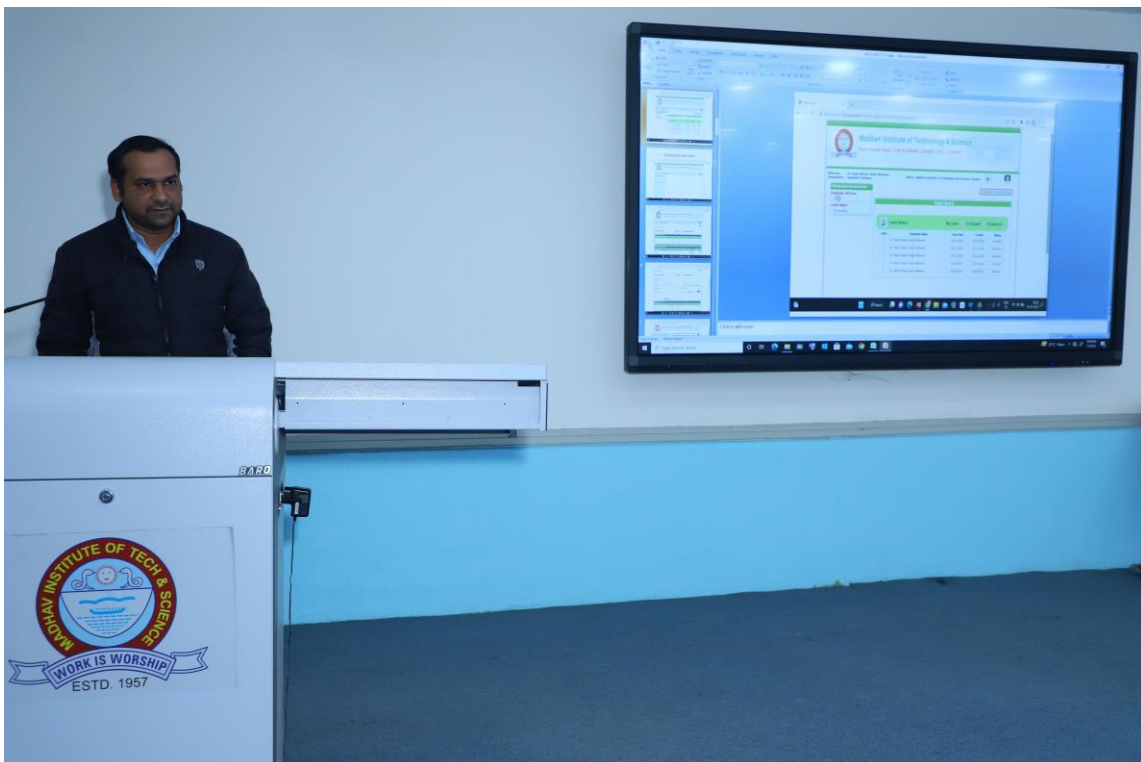


















*M. Pandit*

**Coordinator**  
**Dr. Manjaree Pandit**  
Dean Academics

*R.K. Pandit*  
**Director**  
**Dr. R.K. Pandit**

**DIRECTOR**  
Madhav Institute of Technology & Science  
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