

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

Date:20.05.2021

## Notice

Sub: Summer Internship Program for B.Tech /B.Arch I Year

All I Year students of B.Tech/B.Arch (admitted in 2020) are hereby informed that the First year summer internship program 2021 will be held from 22nd July 2021 to 31st July 2021(including saturday and sunday) in online mode.

It is mandatory for all students of I year to attend the Internship program as per the provision in scheme. Registration of modules for Internship will be through the **institute website**([www.mitsgwalior.in](http://www.mitsgwalior.in))/ **MOODLE** .

All offered modules are interdisciplinary in nature. Students can opt any module of their choice. **The date of start of registration will be announced soon.**

### Important Guidelines during registration of modules for internship

1. Students must be very careful during selection of module. **Only one entry is allowed per student. In case of multiple entries the first successful entry will only be considered.**
2. Registration per module will be on First Come First Serve Basis (FCFS). There are **limited seats** in every module.
3. After successful registration , change of module is not allowed
4. **In addition, an auto generated mail from Google will be received showing the selected module during registration. In case, the students receive a mail not showing the selected module, the students will have to re-register again.**
5. In any technical issue with Google , then students have to do re-registration in remaining modules
6. Without registration students will not be able to participate in internship.

List of modules offered is attached. For any query mail to [internship@mitsgwalior.in](mailto:internship@mitsgwalior.in)

**Prof.Swati Gupta**  
Co-Coordinator

**Prof.Praveen Bansal**  
Co-Coordinator

**Dr.R.Kansal**  
Coordinator  
Dean (Students Welfare)

Copy to :

1. Shri.Atul Chauhan to upload on Moodle
2. HoDs for circulation among I Year students
3. Dean Academics
4. Director

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**List of Modules for Summer Internship-2021**

S.No.	Name of Department	Name of Modules
1.	<b>Electrical Engineering</b>	Hands on Training on MATLAB / SIMULINK
2.		Introduction to Solar systems & Solar Photovoltaic (PV) Modeling using PVsyst Software and Simulink
3.		Numerical Computations in Electrical Engineering using MATLAB
4.		Electricity usage for Domestic & Industrial applications.
5.		Hands on Training on LABVIEW
6.	<b>Mechanical Engineering/ Automobile</b>	3D Printing with AutoCAD
7.		SOLIDWORKS with GD&T
8.		Robotics and Automation
9.		Hand's on Experience on Conventional Machine
10.		Visualization and learning of repair and maintenance of a vehicle
11.		State Of The Art Of Ground Vehicles
12.	<b>IT</b>	Machine Learning for Everyone
13.		Python for Beginners
14.		Cyber Security
15.	<b>CSE</b>	Machine Learning using Python
16.		Cyber Security
17.		Internet of Things
18.		Python Programming & its Applications
19.		Wireless Communication and mobile computing
20.	<b>Electronics Engineering</b>	Programming in Scilab
21.		Tinkercad & Programming in MATLAB
22.		Electronic Circuit design and Simulation using LTSpice and Simulink

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23.	<b>Civil Engineering</b>	In House Testing of Engineering Materials
24.		Basic Structural elements drawing using AutoCAD
25.		Modelling and Simulation using MATLAB
26.	<b>Mathematics &amp; Computing</b>	Linux basics
27.		Differential Equations and Its Application
28.		Discrete Mathematics and It's Application
29.		Descriptive Statistics with R
30.		Introduction of Soft Computing
31.		Spreadsheet experience and technology
32.	<b>Chemical Engineering</b>	Introduction to Analytical Instruments
33.		Environment Aspect and Related Issue's
34.		Introduction of Mineral Processing and Challenges
35.	<b>Applied Science</b>	Atmospheric and Space Physics
36.		Chromatographic Techniques used in identification
37.		Preparation of Soap Using Different Types of Oils and Exploring its Properties
38.	<b>Architecture</b>	Digital Painting
39.		Graphic Thinking
40.		Heritage & Tourism