

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to RGPV, Bhopal)

Department of Computer Science and Engineering

GitHub Code Innovation Series Workshop

January 22, 2022

GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. This tutorial teaches GitHub essentials like repositories, branches, commits, and pulls requests etc.

Workshop: January 20, 2022 [02:00 PM - 06:00 PM IST] conducted online

The following faculty were permitted to attend the workshop:

- **Dr. Ranjeet Singh**
- **Dr. Parul saxena**
- **Prof. Mir Sahnawaz**
- **Prof.Jaimala Jha**



Dr. Manish Dixit
Professor and Head
Department of CSE
Dr. Manish Dixit
Professor & HOD
Department of CSE
M.I.T.S. Gwalior



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Name of Club	Software Development Club											
Name of Faculty Mentor	Atul Chauhan											
Novel Engaging Course	Software Development											
Objectives	<ul style="list-style-type: none">• To inculcate the logical and analytical skills to the students for inhabiting the new developments in the field of software development.• To empower the students with hands-on experience.• To enable students to develop software/ application.											
Content	<p>Semester 3: Linux, basic concepts in PHP / Python, MySQL, etc.</p> <p>Semester 4: Python, MySQL, Java, etc.</p> <p>Semester 5: Small software module development through PHP, Python, Java etc., and integration with GitHub platform.</p> <p>Semester 6: Open-source Application development, Android Application and Web based application development through various languages, Version controlling on GitHub.</p>											
Contact hrs	30											
No. of sem. required	4											
Mode of Delivery	Blended											
Performance assessment	Attendance-10% Quizzes / Assignment 40% Practice sessions, Identification of problem and Participation in Software Development 50%											
Outcomes	<table border="1"><thead><tr><th>III Sem</th><th>IV Sem</th><th>V Sem</th><th>VI Sem</th></tr></thead><tbody><tr><td><ul style="list-style-type: none">• Identify the computing problems• Understand all possible solutions to it.• Identify the computer problems solutions tools.</td><td><ul style="list-style-type: none">• Solve the computing problems through programming.• Application of computing knowledge acquired</td><td><ul style="list-style-type: none">• Enrich knowledge with hands-on experience.• Work effectively as a team with collaboration on GitHub platform.</td><td><ul style="list-style-type: none">• Creating a collaborative and inclusive environment using GitHub platform.• Acquire leadership skills, establish goals, plan tasks and meet objectives.</td></tr></tbody></table>				III Sem	IV Sem	V Sem	VI Sem	<ul style="list-style-type: none">• Identify the computing problems• Understand all possible solutions to it.• Identify the computer problems solutions tools.	<ul style="list-style-type: none">• Solve the computing problems through programming.• Application of computing knowledge acquired	<ul style="list-style-type: none">• Enrich knowledge with hands-on experience.• Work effectively as a team with collaboration on GitHub platform.	<ul style="list-style-type: none">• Creating a collaborative and inclusive environment using GitHub platform.• Acquire leadership skills, establish goals, plan tasks and meet objectives.
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External Mentors / Collaborations	Yes											

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