



**SVKM's NMIMS**

**Mukesh Patel School of Technology Management & Engineering, Shirpur**

## **A Comprehensive Report on SVKM's NMIMS MPSTME Shirpur Online Hands-on Workshop Series 2024**

SVKM's NMIMS, MPSTME, Shirpur organized a series of online hands-on workshops covering topics ranging from life skills and Vedic mathematics to advanced programming and the relevance of ancient wisdom in modern life. Each workshop aimed to provide practical insights and skills, led by expert faculty members. These workshops were conducted on MS Teams specifically for 12th-pass students.

On 5th May 2024, Dr. Rajnish Katarne began the series with "Leading Through Life Skills," where he shared essential life skills for personal and professional development, focusing on leadership and effective communication. On 15th May 2024, Dr. Prakash Bhagat introduced Vedic mathematics techniques in "Speed Up Your Calculations with Vedic Maths," helping participants enhance their calculation speed and accuracy.

On 25th May 2024, Dr. Pravin Loharkar conducted "No Code, Big Impact: Unlock AI's Power," showing how to leverage AI without extensive coding knowledge. On 5th June 2024, Dr. Ritesh Dhanare simplified mobile app development in "Mobile App in a Minute: Demystifying App Development" for beginners.

A comprehensive three-day workshop on C++ took place from 10th to 12th June 2024. Prof. Dhananjay Joshi's "C++: Igniting Your Engineering Odyssey - Unleash the Power of Programming!" delved into the fundamentals and advanced features of C++, empowering participants to harness its full potential in engineering applications. On 26th June 2024, Dr. Vishal Fegade discussed the role of computer science and IT in Industry 4.0 in "Empowering Industry 4.0: The Vital Role of Computer Science Engineers and Information Technology," emphasizing the skills required in this evolving landscape.

On 28th June 2024, Prof. Mayank Kothari explored the impact of IoT on daily life in "Revolutionizing Daily Life for a Seamless Tomorrow." On 1st July 2024, Prof. Piyush Kumar Soni's "Python: Your Gateway to Engineering Success - Embark on Your Journey Today" offered an in-depth look at Python programming, guiding participants from basic concepts to advanced techniques.

The series also included a workshop on the timeless wisdom of the Bhagavad Gita. On 4th July 2024, Dr. Prashant Udawant's "Unlocking Wisdom: The Timeless Relevance of the Bhagavad Gita in Student Life" highlighted enduring lessons and their relevance for students today. Concluding the series on 6th July 2024, Prof. Sachin Bhandari introduced participants to SQL basics in "SQL Essentials for Beginners: Get Started with Databases," providing foundational knowledge for managing databases.

A series of online hands-on workshops was coordinated by Dr. Sugam Shivhare, Assistant Professor, ASH Dept., MPSTME, Shirpur. Technical support was provided by Prof. Dhananjay Joshi, Assistant Professor, Department of Computer Engineering, MPSTME, Shirpur. Dr. Sanjay Shrivastava, Associate Professor, and Dr. Abhijeet Dawle, Assistant Professor, ASH Dept., MPSTME, Shirpur, handled the compèring of the online workshop series.

Overall, the online hands-on workshop series was a resounding success, offering diverse topics that catered to the interests and needs of participants. The expert speakers provided valuable insights and practical knowledge, enhancing the skills and understanding of all attendees.

## Hands-on Workshop Series 2024

<b>Date</b>	<b>Time</b>	<b>Title of the workshop</b>	<b>Name of the speaker</b>
05-05-24	11:00-12:00	Leading Through Life Skills	Dr. Rajnish Katarne
15-05-24	11:00-12:00	Speed Up Your Calculations with Vedic Maths	Dr. Prakash Bhagat
25-05-2024	11:00-12:00	No Code, Big Impact: Unlock AI's Power	Dr. Pravin Loharkar
05-06-2024	11:00-12:00	Mobile App in a Minute: Demystifying App Development	Dr. Ritesh Dhanare
10-06-2024 - 12-06-2024	11:00 to 01:00	C++: Igniting Your Engineering Odyssey - Unleash the Power of Programming!	Prof. Dhananjay Joshi
26-06-2024	11:00-12:00	Empowering Industry 4.0: The Vital Role of Computer Science Engineers and Information Technology	Dr. Vishal Fegade
28-06-2024	11:00-12:00	IoT Unleashed: Revolutionizing Daily Life for a Seamless Tomorrow	Prof. Mayank Kothari
01-07-2024	11:00 to 01:00	Python: Your Gateway to Engineering Success - Embark on Your Journey Today	Prof. Piyush Kumar Soni
04-07-2024	11:00-12:00	Unlocking Wisdom: The Timeless Relevance of the Bhagavad Gita in Student Life	Dr. Prashant Udawant
06-07-2024	11:00 to 01:00	SQL Essentials for Beginners: Get Started with Databases	Prof. Sachin Bhandari

## Hands-on Workshop Series Flyers:

**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**Hands-on workshop**

**Leading Through Life Skills**

**Sunday, 5<sup>th</sup> May 2024**  
11:00 a.m.  
Platform: MS Teams

**Dr. Rajnish Katarne**  
Assistant Professor  
Department of Information Technology  
MPSTME, Shirpur

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**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**Hands-On Workshop**

**Speed Up Your Calculations with Vedic Maths**

**Wednesday, 15 May 2024**  
11:00AM

**Dr. Prakash Bhagat**  
Assistant Professor,  
Applied Sciences & Humanities Dept  
MPSTME Shirpur

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**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**Hands-On Workshop**

**No Code Big Impact : Unlock AI's Power**

**Saturday, 25 May 2024**  
11:00AM

**Dr. Praveen Loharkar**  
Assistant Professor  
Dept of Artificial Intelligence & Machine Learning, MPSTME Shirpur

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Shirpur Campus

**Hands-On Workshop**

**Mobile App in a Minute: Demystifying App Development**

**Wednesday, 5 June 2024**  
11:00AM

**Dr. Ritesh Dhanare**  
Head of Department  
Department of Information Technology, MPSTME, Shirpur

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**Hands-On Workshop**

**C++**  
Igniting Your Engineering Odyssey - Unleash the Power of Programming!

**Key Topics**  
Basics  
Decision Making & Looping  
Classes & Objects

June 10-12, 2024  
11:00AM

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Platform: MS Teams

**Prof. Dhananjay Joshi**  
Assistant Professor  
Dept of Computer Science, MPSTME Shirpur

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**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**Hands-On Workshop**

**Empowering Industry 4.0: The Vital Role of Computer Science Engineers and Information Technology**

Wednesday, June 26, 2024  
11:00AM

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Platform: MS Teams

**Dr. Vishal Fegade**  
Associate Professor  
Dept of Applied Sciences and Humanities, MPSTME Shirpur

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**Hands-On Workshop**

**IoT Unleashed: Revolutionizing Daily Life for a Seamless Tomorrow**

Friday, June 28, 2024  
11:00AM

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Platform: MS Teams

**Prof. Mayank Kothari**  
Assistant Professor  
Dept of Artificial Intelligence and Machine Learning, MPSTME Shirpur

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**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**Hands-On Workshop**

**Python: Your Gateway to Engineering Success: Embark on Your Journey Today**

**Key Topics**  
Basics, Decision Making, and Looping  
Data Structures  
User-defined Functions

Monday, 01 July 2024  
11:00AM

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Platform: MS Teams

**Prof. Piyush Kumar Soni**  
Assistant Professor  
Dept of Information Technology, MPSTME Shirpur

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**Hands-On Workshop**

**Unlocking Wisdom: The Timeless Relevance of the Bhagavad Gita in Student Life**



Thursday, July 04, 2024,  
11:00AM



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Platform: MS Teams



**Dr. Prashant Udawant**  
Assistant Professor  
Dept of Information Technology Department, MPSTME Shirpur



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**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**Hands-On Workshop**

**SQL Essentials for Beginners: Get Started with Databases**



Saturday, 06 July 2024  
11:00AM



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Platform: MS Teams



**Prof. Sachin Bhandari**  
Assistant Professor  
Computer Engineering Dept  
MPSTME Shirpur



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