



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

Date	Time	Title of the workshop	Name of the speaker
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, 5th May 2024
11:00 a.m.
Platform: MS Teams

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

Scan QR for Meeting link

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
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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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Platform: MS Teams

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MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
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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MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
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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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MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
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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

Scan QR for Meeting Link
Platform: MS Teams

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

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**MUKESH PATEL SCHOOL OF
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Shirpur Campus

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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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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