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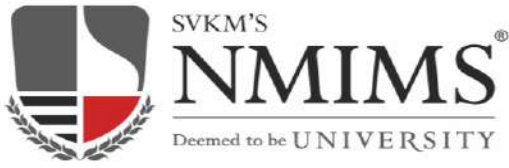
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**SVKM's NMIMS**  
**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT &**  
**ENGINEERING**  
**(SHIRPUR CAMPUS)**

**Newsletter**  
**Department of**  
**Computer Science**

**JULY - DEC 2023**





### SVKM's NMIMS

## MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING (SHIRPUR CAMPUS)

From the Desk of Director & Associate Dean, SVKM's NMIMS,  
( MPSTME, Shirpur )  
Dr. Venkatadri Marriboyina



It brings me immense joy to present to July-Dec 2023 of the Department of Computer Science Newsletter. At MPSTME, Shirpur, our journey of progress in both academic and non-academic realms has been nothing short of remarkable. This newsletter serves as a window into our achievements and endeavors, showcasing our commitment to technical education and technology-driven initiatives. I extend my heartfelt congratulations to the dedicated members of the Editorial Board for their timely efforts, as well as our exceptional staff and students for their invaluable contributions.

From the Desk of HOD, Department of Computer  
Science.

Dr. Radhakrishna Rambola



Dear Readers,

In this edition of the Newsletter, we celebrate the excellence that thrives within the Department of Computer Science. Our pages are filled with a rich tapestry of co-curricular and extra-curricular activities that paint a vivid picture of life at our institution. We take immense pride in showcasing the remarkable achievements of our faculty members and students. We hope that this newsletter serves as a source of inspiration, motivating all of us to strive for greatness.



## From the Desk of Editors



Dear Readers,

With immense pleasure, we present the latest issue of the Computer Science Department newsletter, offering a comprehensive view of the prominent activities that have unfolded over the past six months. This issue is a celebration of achievements, campus activities, alumni voices, enriching workshops, enlightening guest lectures, and technological insights. We invite you to explore the vibrant tapestry of our department's journey and the dynamic spirit of our institution. We hope this newsletter not only informs but also inspires you to engage more deeply with our academic community.

## Team Newsletter – Department of Computer Science

- Advisors :
  1. Director, MPTP, NMIMS, Shirpur Campus
  2. Associate Dean, MPSTME, Shirpur
- Editors from the CS Dept
  1. Prof. Bhushan Inje
  2. Prof. Sachin Chavan
- Department Faculty Coordinator  
Prof. Dhananjay Joshi
- Department Student Coordinator  
Siddhesh Darak

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### About the Department

Department of Computer Science at Mukesh Patel School of Technology Management and Engineering started in the year 2007. The B.Tech in Computer Science programme at SVKM's NMIMS, MPSTME focuses on teaching the fundamentals of hardware and software, algorithm analysis, and mathematics and science knowledge. The programme provides students with solid programming and engineering fundamentals as well as research and innovation skills in Computer Science. Artificial Intelligence, Machine Learning, Data Analytics, Cloud Computing, High-Performance Computing, Internet of Things, Network and Cyber Security, are among the cutting-edge technologies taught by experienced and eminent faculty.

### Vision of the Department

To excel in computer science education and research, by preparing the students with practical knowledge and ethical values. We strive to empower students, enabling them to innovate using cutting-edge computing technologies to address societal challenges.

### Mission of the Department

- Empower students with a strong foundation in computer science fundamentals and technical skills through innovative teaching pedagogies, fostering practical knowledge.
- Cultivate ethical values, creativity, and an entrepreneurial mind-set among students to inspire innovation.
- Encourage students to prioritize sustainable solutions that enhance societal well-being.
- Foster a culture of research excellence in computer science by fostering collaborative partnerships between academia and industry.

### Program Outcomes (POs)

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P:O 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### Program Specific Outcomes (PSOs)

PSO1: Demonstrate the knowledge of computer science to implement programming concepts and deliver efficient solutions for emerging challenges in the computational domain

PSO2: Inculcate professional, social, ethical, and entrepreneurial practices to solve real-world problems in various domains.

CAMPUS ACTIVITIES

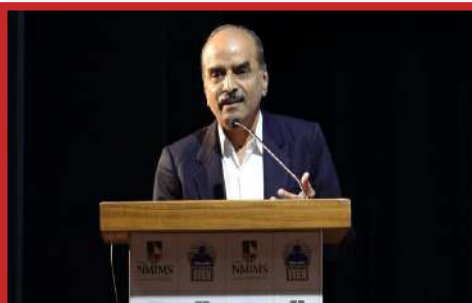
First-Year Induction Program – 2023

The Induction Program for the first-year engineering was conducted from 17<sup>th</sup> to 22<sup>nd</sup> July 2023. The primary objective of the program was to welcome and orient the new batch of students to the institute environment, introduce them to faculty members, and provide crucial information about various aspects of academic life at NMIMS Shirpur Campus.

Day 1 – 17<sup>th</sup> July 2023 (Monday)

The Induction Program commenced with the reporting time at 11:00 AM, where all the first year engineering students and their parents assembled in the auditorium and Centre Foyer respectively.

**Inaugural Ceremony:** The Inaugural Ceremony began with the invocation of Saraswati Vandana, followed by the NMIMS Anthem. The First-Year induction program was initiated by the presence of Chief Guest Honorable Shri Rajgopal Bhandari, Member of Managing Committee, SVKM, Dr. Suseelendra Desai, Director, MPTP, Shirpur Campus, Dr. Venkatadri Marriboyina, Director and Associate Dean, MPSTME, Shirpur, Mr. Rahul Dande, Chief Accountant and Administrator, MPTP, Shirpur Campus and Dr. Govind Rajput, HOD, ASH Department, MPSTME, Shirpur. Dr. Suseelendra Desai delivered a welcome address to the new batch of students. He illuminated the students about the state-of-the-art infrastructure of the campus. Dr. Venkatadri Marriboyina addressed various academic issues with an emphasis on meeting industry expectations. This was followed by the address of Chief Guest Honorable Shri Rajgopal Bhandari. He motivated the students to have high visionary goals in their professional life. The inaugural function of the Induction Program was concluded with a vote of thanks delivered by Dr. Sanjay Shrivastava, Associate Professor, ASH Dept.



**Departmental Orientations and Campus Visit:** After the inaugural ceremony, students attended Departmental Orientations conducted by respective Heads of Departments. Subsequently, a Campus Visit was organized, giving students a glimpse of the campus facilities and amenities.



CAMPUS ACTIVITIES

First-Year Induction Program – 2023

Day 2 – 18<sup>th</sup> July 2023 (Tuesday)

Day 2 commenced with a thought-provoking session on “Universal Human Values” from 10:00 AM to 12:00 PM. Dr. Vishal Fegade and Dr. Abhijeet Dawle eloquently articulated the importance of cultivating values like empathy, compassion, integrity, and respect for all living beings. The students actively participated in discussions and shared their perspectives on incorporating these values into their personal and professional lives.



Following that, Session on “Community Service” from 12:00 PM to 01:00 PM was conducted by Prof. Prashant Udawant. The session inspired students to pledge their commitment to volunteerism and community work.



Post-lunch, at 02:00 PM, the session on “Life at Hostel” was conducted by Dr. Pradeep Kumar, Hostel Director, NMIMS, Shirpur. Next on the agenda was the “NMMUN Session” from 02:30 PM to 03:00 PM, hosted by Dr. Rakesh Chaudhari. The National Model United Nations provided participants with a platform to understand global issues, diplomacy, and negotiation skills.



The final session of the day, Session on “Communication Skills,” took place from 03:00 PM to 05:00 PM. Dr. Sanjay Shrivastava guided the students on effective communication techniques, public speaking, and active listening. Practical exercises and role-plays helped participants enhance their communication abilities and boost their confidence in expressing themselves.

Overall, the event was a resounding success, enriching the participants with valuable knowledge, skills, and experiences. The speakers’ expertise and the interactive nature of the sessions left a lasting impact on the attendees, motivating them to apply the lessons learned in their personal and professional journeys..





CAMPUS ACTIVITIES

First-Year Induction Program – 2023

Day 3 – 19<sup>th</sup> July 2023 (Wednesday)

Day 3 started with a session on “Session on Mental Health / Stress Management” from 10:00 AM to 12:00 PM. Mrs. Kiran Akasapu, Counsellor, NMIMS Shirpur led the session, providing valuable insights into managing mental health and stress effectively. Following that, at 12:00 PM, participants attended the “Training and Placement” session conducted by Mr. Prasanna Ojha, Placement Executive, NMIMS, Shirpur. This session aimed to prepare students for the job market and equip them with essential skills for interviews and career growth.



Post-lunch, at 02:30 PM, the “Google Club Activity” took place, coordinated by Prof. Dhananjay Joshi and his team of students. At 03:00 PM, the “Drone Club” session was led by Prof. Sachin Chavan and his team of students. This engaging activity introduced participants to the world of drones, including their applications, basic flying techniques, and potential future advancements in the field.



The final session of the day, “Sports Activity in MPTP,” started at 03:30 PM and was coordinated by Prof. Pravin Loharkar. This session emphasized the importance of regular physical activity for overall well-being and displayed various sports activities available in the MPTP. Overall, the events on 19<sup>th</sup> August 2022 catered to the holistic development of the participants. The session on mental health and stress management provided valuable tools to cope with challenges, while the training and placement session equipped attendees with career-oriented skills. The club activities allowed for creative exploration and skill development, and the sports activity promoted physical fitness and camaraderie among the participants. The day was a well-rounded combination of learning, growth, and enjoyment.



CAMPUS ACTIVITIES

First-Year Induction Program – 2023

Day 4 – 20<sup>th</sup> July 2023 (Thursday)

Day 4 commenced with the “Library Orientation” session from 10:00 AM to 11:00 AM, conducted by Dr. Ravindra Mendhe. The orientation familiarized the participants with the library’s resources, services, and guidelines, encouraging them to make optimal use of the vast repository of knowledge available.



Following that, at 11:00 AM, Mrs. Resha Patel, In-Charge, NMIMS, SoBus Centre of Excellence for Innovation and Entrepreneurship, Shirpur Campus delivered an insightful session on SoBus.



Day 4 commenced with the “Library Orientation” session from 10:00 AM to 11:00 AM, conducted by Dr. Ravindra Mendhe. The orientation familiarized the participants with the library’s resources, services, and guidelines, encouraging them to make optimal use of the vast repository of knowledge available.

Post-lunch, at 02:00 PM, students engaged in the “Each One Save One” social activity, led by Dr. Payal Dande, Assistant Professor, SPTM, Shirpur. This activity aimed to create awareness about social responsibility and encouraged participants to contribute positively to society by supporting an underprivileged individual or cause.



From 03:00 PM to 03:30 PM, Prof. Sonia Relan presented “Glimpses of Protsahan and Flavium.” The “Student Council Session” followed from 03:30 PM to 04:00 PM, where a representative from the student council addressed the attendees. Finally, from 04:00 PM to 05:00 PM, the “Mentor-Mentee Discussion” took place, involving all mentors. This discussion provided a platform for mentors and mentees to interact, share experiences, and seek guidance on personal and academic matters.

Overall, the events of 20th July 2022 contributed significantly to the holistic development and well-being of the students.

CAMPUS ACTIVITIES

First-Year Induction Program – 2023

Day 5 – 21<sup>st</sup> July 2023 (Friday)

Day 5 was dedicated to Bridge Course Classes facilitated by subject experts. These classes helped students brush up on their foundational knowledge and prepared them for the academic challenges ahead..

Day 6 – 22<sup>nd</sup> July 2023 (Saturday)

The final day began with the “Universal Human Values” session from 10:00 AM to 11:00 AM, conducted by Dr. Vishal Fegade and Dr. Abhijeet Dawle. The session encouraged participants to reflect on universal values and apply them in their daily lives.



The afternoon session commenced with “Walk the Talk at NMIMS Shirpur” from 01:00 PM to 02:30 PM, conducted by an Alumnus of MPSTME, Shirpur Mr. Aniket Joshi.



CAMPUS ACTIVITIES

First-Year Induction Program – 2023

At 02:30 PM, the “Finance Club” session was led by Dr. Ashok Panigrahi and his team of students. The club aimed to enhance financial literacy among the participants and provide insights into various financial concepts and investments.



Following that, from 03:00 PM to 03:30 PM, the Saturday 10 AM Club members gave inputs on the club. At 03:30 PM, the “Coding Club” was conducted by Prof. Suraj Patil and his team of students. The club focused on programming skills and coding challenges to nurture the participants’ interest and expertise in computer science.



From 04:00 PM to 04:30 PM, the “App Development Club” session took place, which guided students through the process of creating mobile applications and exploring the world of app development.

Finally, the day concluded with the “Atarangi Club” from 04:30 PM to 05:00 PM, led by Prof. Sonia Relan and her team of students.

Overall, the events on 22<sup>nd</sup> July 2022 offered a diverse range of activities, catering to participants’ interests, aspirations, and personal development needs. The sessions on human values, finance, coding, app development, and Atarangi Club provided a well-rounded experience for all the students. The Induction Programme for the first-year students of SVKM's NMIMS, Mukesh Patel School of Technology Management and Engineering, Shirpur Campus, was a resounding success. The program effectively acquainted the new students with the institute’s culture, academic offerings, extracurricular activities, and essential aspects of life at NMIMS Shirpur. It set the stage for a fruitful and rewarding academic journey for the batch of 2023-24.

CAMPUS ACTIVITIES

“First-year Fresher’s Event: Transylvania’23”

Transylvania’23, the fresher's event for B.Tech 2023, was successfully conducted on September 16, 2023, at the Auditorium. The event aimed to provide a warm welcome to new students in a fun and engaging environment while nurturing their creative talents to boost their confidence.

The event commenced with a mesmerizing musical performance titled “Harmony,” setting the tone for an entertaining evening ahead. This was followed by the ramp walk of the 16 shortlisted nominees, where each participant introduced themselves and showcased their unique talents.

One of the highlights of the evening was the collaboration between the Beat-lockers and Dance Dukes, who delivered an electrifying dance routine that captivated the audience and left them in awe.

Towards the end of the event, Mr. and Miss Freshers were crowned and awarded trophies and gifts as a token of recognition for their outstanding presence and contributions. Additionally, the crowd enthusiastically cheered for other titles such as Star of the Eve, Best Costume, Mr. Swagger, and Miss Swagger, adding to the excitement and spirit of the event.

Transylvania’23 was not just a fresher’s event; it was a celebration of talent, creativity, and camaraderie. Through engaging performances and interactive activities, the event successfully achieved its objective of welcoming new students and fostering a sense of belonging within the Btech 2023 cohort. Kudos to the organizers, coordinators, and participants for making Transylvania’23 a memorable and enjoyable experience for all involved. The event was co-ordinated by Prof. Bhushan Inje from CS dept.



## “Bridging the Gap: Alumni Insights in Engineering Excellence”

On Saturday, October 23, 2023, an enlightening alumni interaction event titled “Bridging the Gap: Alumni Insights in Engineering Excellence” took place in LR-09. The event brought together former graduates, Mr. Palash Vishnani and Mr. Roshan Somayajula, both Business Technology Solutions Associates at ZS Associates, India, who graduated with B. Tech degrees in IT and CS respectively in the batch of 2019-2023.

The alumni interaction event proved to be a valuable and enriching experience for both current students and the alumni themselves. It facilitated a vibrant exchange of ideas and experiences, allowing alumni to share insights gained from their professional journeys in the engineering industry.

During the event, the alumni shared valuable insights about their career trajectories, highlighting the challenges they faced and the lessons they learned along the way. Through engaging discussions and interactive sessions, students gained profound knowledge about the practical applications of their academic pursuits.

The alumni's practical advice served as a bridge between theoretical education and the practical demands of the engineering field, providing students with valuable guidance on navigating their future careers.

### Key Takeaways:

The event fostered a sense of community and belonging within the engineering fraternity, emphasizing the enduring connection between alumni and their alma mater.

It showcased the importance of mentorship and collaboration in nurturing the next generation of engineering excellence.

The interactive nature of the event encouraged meaningful dialogue and the exchange of ideas, contributing to the holistic development of students.

"Bridging the Gap: Alumni Insights in Engineering Excellence" was not only inspiring but also served as a testament to the lasting impact of alumni contributions in shaping the future of engineering. The event underscored the importance of leveraging alumni experiences to enrich the academic and professional growth of current students, ultimately driving innovation and excellence in the engineering field.



## GDSC Events

### “Session on Three C’s of Success”

On September 9th, 2023, an enlightening session titled “Three C’s of Success” was conducted in Seminar Hall. The session, led by resource persons Mr. Sarthak Jain and Mr. Shubham Shakti, aimed to shed light on the importance of Coding, Cloud/Computing, and College/Corporate (Git-Hub) in achieving success.

The session commenced with an introduction to the core topics by the resource persons. Mr. Sarthak Jain elaborated on the significance of coding and competitive coding, particularly emphasizing their relevance in the context of placements. He presented a structured roadmap for effective preparation for placements, offering valuable insights and strategies to the participants.

Throughout the session, Mr. Sarthak Jain and Mr. Shubham Shakti actively engaged with the participants, addressing numerous queries and doubts. The interactive nature of the session facilitated a comprehensive understanding of the subject matter and provided a platform for meaningful discussion.

A total of 131 students from the first year, second year, and third year actively participated in the session, indicating the widespread interest and relevance of the topics discussed. The event was coordinated by GDSC MPSTME Shirpur, ensuring smooth execution and active participation of all attendees.



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



Google Developer Student Clubs  
MPSTME Shirpur

## THREE C'S OF SUCCESS

Industrial Expert Speakers



**Shubham Shakti**  
Founder @ E-Khel  
Operational Lead @HTM

**Sarthak Jain**  
Head Of Community  
@ Reskill



With A HandsOn Git-Hub Workshop



**Seminar hall, C wing, Second Floor**



**10:00 AM to 11:00 AM**



**9th Spetember, 2023 (Saturday)**



CLUB EVENTS

# “Codekraken Hackathon”

On September 10th, 2023, the highly anticipated CodeKraken Hackathon took place in the Seminar Hall. The event, characterized by intense collaboration and competition, attracted significant participation of 87 individuals offline and 60 participants online, forming a total of 29 offline teams and 15 online teams.

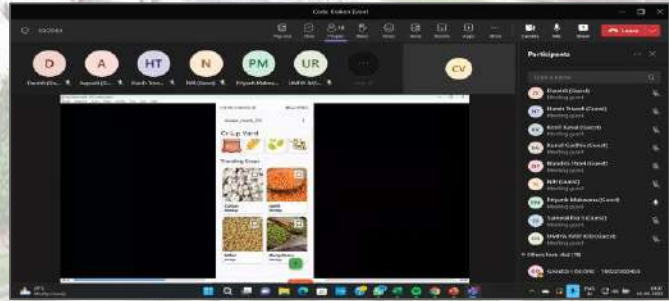
The event commenced with a solemn Saraswati Vandana, paying homage to the goddess of knowledge, setting a reflective tone for the day's proceedings. Following this, the opening address was delivered by the lead of GDSC MPSTME Shirpur, expressing gratitude to dignitaries and sponsors whose support made the event possible. This set the stage for a day filled with innovation, camaraderie, and spirited competition.

Mr. Sarthak Jain, a distinguished speaker, provided valuable insights into the hackathon's theme and objectives, inspiring participants to push their boundaries and explore innovative solutions. Participants were tasked with developing projects centered around the theme of open innovation, with a focus on practical implementations.

The hackathon officially commenced at 11:00 AM in the seminar hall, marking the beginning of a time-bound challenge for all participants. Armed with their creativity and technical prowess, teams embarked on the journey to transform their ideas into tangible solutions, supported by mentors and experts guiding them along the way.



Engaged in diverse tasks, participants actively participated in activities like data extraction and the development of both frontend and backend elements for their projects. This technical engagement empowered them to devise innovative and functional solutions. A panel of judges, featuring Sarthak Jain, Jay Sadana for offline evaluations, and Shubham Shakti, Yograj for online assessment, brought substantial credibility to the judging process through their extensive expertise. In a challenging decision-making phase, the top 10 teams, consisting of three online and seven offline teams, were selected for further evaluation.





## CLUB EVENTS

## “Codekraken Hackathon”

The top 10 teams had the opportunity to pitch their projects in the final evaluation round. Each team showcased their hard work and creativity. After careful consideration, Sarthak Jain announced the winners of the CodeKraken Hackathon.

The success of the CodeKraken Hackathon can be attributed to the participants' unwavering dedication and the generous support from sponsors. This event provided a stage for young talents to showcase their coding skills and innovative thinking. Beyond nurturing technical expertise, the hackathon promoted collaboration and healthy competition in the dynamic realm of technology.

The coordination and hosting of the event were undertaken by the Google Developer Student Club MPSTME Shirpur. Overall, the CodeKraken Hackathon proved to be a resounding success, fostering an environment of collaboration, creativity, and learning. It provided participants with a platform to showcase their skills, exchange ideas, and contribute to the ever-evolving landscape of technology and innovation.



### Details of the winners:-

#### Consolation Prize: The Sudoers Club,

(Diploma 1<sup>st</sup> year students from Nashik)

(5,000/- cash prize)

Project Title: A digital two sided platform where people can trade their stuff rent-free and get credit points for it, which they can later use to borrow other things.

#### Runner up-2 Team Rectifiers,

Online Team

(10,000/- cash prize)

Project Title: Hill-Irrigation-Simulator

#### Runner up-1 Team Rizzlers,

MPSTME Shirpur

(15,000/- cash prize)

Project Title: A fast paced platform that connects educators and learners

#### Winner Team: Caffienated Fast Fingers,

MPSTME Shirpur

(20,000/- cash prize)

Project Title: Revolutionizing-Healthcare-Data-Management-with-Blockchain

CLUB EVENTS

“Solution Challenge Information Session”

On December 15, 2023, GDSC MPSTME Shirpur hosted an enlightening session aimed at inspiring and guiding participants in creating impactful projects. Led by GDSC Lead Jency Aya, the session provided valuable insights into project categories such as ML Content, Android Content, Flutter Content, and Web Content.

The event commenced promptly at 5:00 PM in the Seminar Hall, attracting a total of 93 enthusiastic attendees eager to delve into the world of project development. Jency Aya, in her role as the host, facilitated an engaging discussion, encouraging participants to explore diverse avenues for their projects and offering guidance on how to make them impactful.

Throughout the session, attendees were provided with valuable insights into each project category, empowering them to make informed decisions and pursue projects that align with their interests and aspirations. The interactive nature of the session fostered a collaborative environment where ideas were exchanged and creativity flourished.

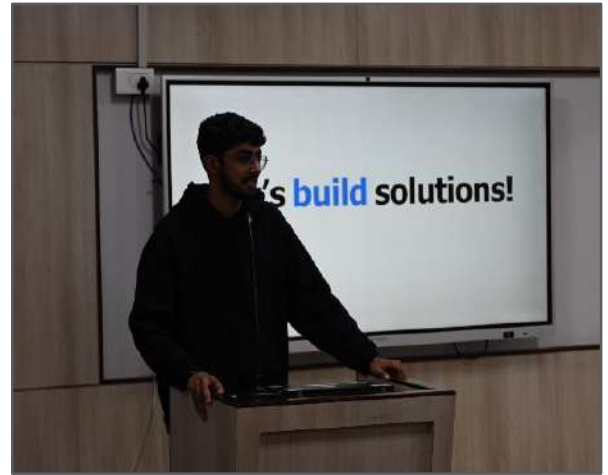


A filler activity consisting of three rounds was integrated. The first round involved a craft activity where participants created flags for their groups, fostering team spirit and hands-on creativity.

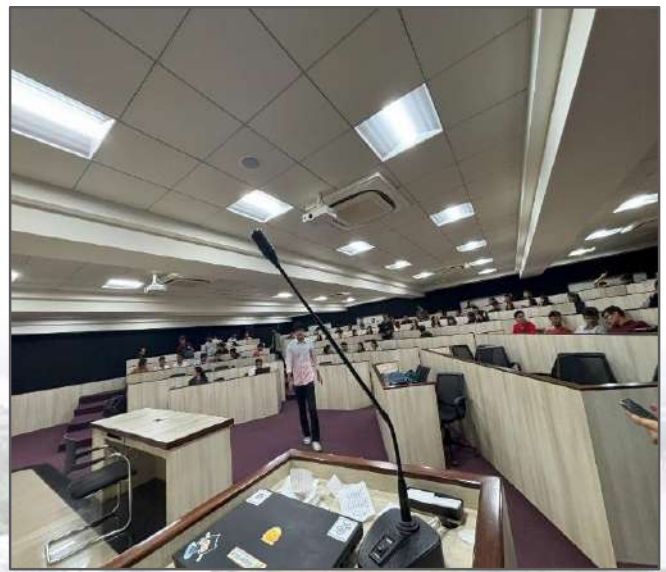


## “Solution Challenge Information Session”

The second round featured a Mentimeter challenge, introducing an element of competition and quick thinking. Teams raced to answer questions, with the fastest responders earning the chance to challenge other teams. Hosted by Event Management Lead Rudra Kabrawala, these challenges included generating app ideas for specific situations, stimulating critical thinking and fostering innovative project concepts.



The unique Mentimeter challenges played a crucial role in guiding participants toward generating project ideas. Swift responses to real-world scenarios helped teams refine their skills in crafting app solutions, a vital process for upcoming final project submissions.



The GDSC Solution Challenge Information Session, enriched with interactive activities and expert insights, successfully kindled creativity among participants. The combination of informative content, hands-on crafting, and Mentimeter challenges ensured an event that was both enlightening and enjoyable. As attendees embark on their project journeys, they carry not only knowledge but also the camaraderie fostered through engaging activities. GDSC remains dedicated to nurturing a community of innovative thinkers and problem solvers.

## • CLUB EVENTS

**“Info Session on Google Cloud Study Jam”**

The active participation of attendees made this session particularly memorable, and the winner of this engaging activity was acknowledged for their enthusiasm and spirit. An innovative element of the event was the Harry Potter-themed dress code. Participants embraced the theme wholeheartedly, wearing outfits representing the four Hogwarts houses: blue, red, green, and yellow. The seating arrangement followed the dress code, creating a visually captivating and immersive atmosphere.

The Google Cloud Study Jam event proved to be a resounding success, providing participants with a platform to expand their knowledge, engage with industry experts, and connect with peers who share a passion for cloud computing. The event concluded at 7:30 PM, leaving attendees inspired and equipped with new insights and skills to apply in their academic and professional endeavors. The active engagement of participants, coupled with the insightful guidance from facilitators, made the event a memorable experience for all involved. Beyond enhancing technical knowledge, the event fostered a sense of camaraderie among participants, making it a truly enriching day for everyone.



CLUB EVENTS

**“AARAMBH-An Elevator Pitch Competition”**

On August 19, 2023, the “Aarambh: The Elevator Pitch Competition 2023” took place at various venues within the C-Wing of MPSTME Shirpur. This event, organized by the Institution's Innovation Council (IIC) in collaboration with Inventia: The Entrepreneurship Club and SOBUS COE NMIMS Shirpur, marked the inauguration of the IIC MPSTME Shirpur and SPTM Shirpur's collaborative efforts.

The distinguished guests who graced the event were Mr. Pankaj Jaju, Director, Priyadarshini, Soot Girni and Mr Sashank Aich Executive Director, Deesan Group. In this event, Dr. Suseelendra Desai, Director MPTP introduced “THE GREAT TOMATO CHALLENGE” an initiative encompassing four diverse verticals.

A total of 70 teams, comprising 143 participants from MPSTME Shirpur, other schools, and campuses in Dhule and Shirpur, participated in the event. The presence of 25 judges added a competitive edge to the proceedings, ensuring fair evaluation of the innovative pitches.

The IIC members Mr. Sachin Bhandari, Assistant Professor, MPSTME with the team from SOBUS, Ms. Resha Patel and Mr. Chetan Patil played a pivotal role in organizing the event seamlessly. The competition served as a platform for students from diverse age groups and institutions to present their innovative ideas, prototypes, and business plans in a concise and captivating manner, much like an elevator pitch. The objective of the event was to promote creativity, encourage entrepreneurship, and provide students with the opportunity to showcase their talents on a national level.



• FACULTY DEVELOPMENT

Computer Science Department

Research Publication

Sr. No	Name of the author/s	Title of the article/research paper	Name of the Journal	ISSN No.	Volume / Page no.	Date/year	Publishing Authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
1	Deepti Barhate	A Deep learning methodology for plant species Recognition using morphology of leaves	ASEAN Engineering Journal	ISSN 2586 – 9159	13: 4(2023) 95–102	30 Nov 2023	UTM University of Technology Malaysia	0.47		Yes	
2.	Dr. Upendra Verma et al.	An efficient lightweight authentication scheme for dew-assisted IoT networks	Security and Privacy	Online ISSN :247 5-6725, Print ISSN :247 5-6725	https://doi.org/10.1002/spy2.360	11 December 2023	Wiley	1.9	-	Yes	

Coursera Certificates Count

Sr. No.	Name of the Faculty Member	Coursera Certificate Count
1	Deepti Barhate	5

• FACULTY DEVELOPMENT

Computer Science Department

Faculty Development Programme

Sr. No.	Name of the Faculty Member	Name of the FDP	Date	Place	Organising Body / Inst.
1	Varsha Nemade	Deep learning	Jul-Oct 2023	online	NPTEL –AICTE
2	Dr. Upendra Verma	Recent Trends in Blockchain Enabled Internet of Things	One Week FDP Programme (04-08 December 2023)	National Institute of Technology, Jalandhar	Dept. of Information Technology, NITJ
3	Dr. Upendra Verma	Cyber Security in the Era of Artificial Intelligence	One Week FDP Programme (18-22 September 2023)	Baba Ghulam Shah Badshah University, Rajouri (J&K)	Department of Computer Science, BGSP University, Rajouri

Patent Information

Sr. No.	Name of the Faculty Member	Name of patent	Date	Patent application Number
1	Deepti Barhate	Sanitary napkin incinerator	23/8/2023	385382-001

## Navigating Tough Times with a Positive Mindset



**Prasanna Ojha**  
Placement Executive  
Placement

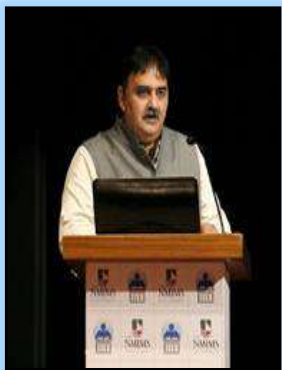
I came across one statement on my WhatsApp chat “Samay Kharab tha, aap to achee rehte” It translates as: “Though time wasn’t good, at least you should have remained good/positive”. This triggered some thoughts regarding staying positive in trying times/ difficult times.

1. **Makeup mantras:** Look for positive affirmations around you and hold on to one which resonates with your core nature. Once found it, keep telling yourself often almost like religious chants. These have a very positive impact on your brain, as the brain is trainable in whatever way you want to train it.
2. **Focus on successes:** Each one of us has faced challenges in our life and has not only overcome them but has become stronger while dealing with them. Keep recalling your successes often, they are like booster dosages to keep you going.
3. **Challenge your negative thoughts:** Negative thoughts are often due to our inexperience in dealing with the situation related to those thoughts. Looking to find the solution is the best way to overcome challenges because what we focus on occupies more space in our mind whether it is a problem or it is solution.
4. **Cultivate an attitude of gratitude:** We often forget or undermine the blessings we receive every day. There could have been so many things which would have gone wrong, but they didn’t. So cultivate the practice of being grateful for the blessings we receive, however small they may be.
5. **Stay in the present moment:** Worry often is related to some past event, which has happened or some future situation. By being in the present moment we can take life one moment at a time and we will see that there is a path emerging.
6. **Let it go:** Letting go is probably the first lesson we all have got from our parents. They have taught us to have this attitude in times of conflict to save on relationships. Letting go is a positive approach to the situation where we have little control over it.
7. **Connect with positive people:** Keeping a Company of people having a positive mindset is the best way to keep yourself positive. Generally, positivity is the mindset where one looks to find a brighter side of the situation.
8. **Pay it forward:** Extending help to someone in need is the best way of expressing gratitude for the blessing we have got in the form of help from someone. When we pay it forward, it creates a chain of good acts, bringing in positive vibrations, which in turn creates an abundance of happiness.
9. **Do it for your family:** While we remain positive, we in a way do this positive action for our family to follow and take as an example. Remember, in every act we do, the next generation in the family is observing and they are going to imitate it.
10. **Practice makes progress:** To remain good/ positive is a habit, and every habit takes time to form. To ensure that our positivity becomes a sour habit, practice it often, almost in every situation.



PLACEMENT FRONT

PLACEMENT FRONT



**Prasanna Ojha**  
Placement Executive  
Placement

New Placement season begins with our most trusted and loyal recruitment partner ZS like each year. Under the volatile global political scenario (Russia-Ukraine war) which has affected entire Europe and US economically as well, the placement season has to bear the brunt of it. With companies keeping tight control over numbers, we are maneuvering through this turbulent time and are optimistic about touching the last year’s figures of placements. We already had the highest CTC placement being secured by our student of Rs. 22 LPA. From this batch of B Tech students passing in 2024, students are being offered Full-semester Internship opportunities as well.

Sr. No	Program	Branch	Student Name	Name of The Company Placed	Package
1	B. Tech.	CS	BAWASKER, ARYAN	Future First	12.88
2	B. Tech.	CS	DARAK, SIDDHESH	ZS Associates	13.66
3	B. Tech.	CS	JAIN, HARDIK	Oracle Financial Services Software (OFSS)	22.24
4	B. Tech.	CS	KHANDELWAL, ARIN	Future First	12.88
5	B. Tech.	CS	WADHWANI, MITANSH	Kotak Securities	10
6	B. Tech.	CS	JOSHI, ATHARVA	ION Group	14



• ALUMNI SPEAKS



NMIMS boasts top-notch infrastructure featuring contemporary classrooms, well-equipped labs, and a vast campus. The library is expansive, and there are ample recreational areas for students. NMIMS maintains an impressive track record in placements. Renowned companies such as EY, Deloitte, and Accenture regularly hire from here. I was placed in DXC technologies as a associate consultant Facilities at NMIMS. NMIMS offer diverse sports facilities including basketball courts, cricket ground, football field, as well as arenas for badminton, table tennis, and a gym. The college provides state-of-the-art computer labs, engineering labs, and research facilities, fostering academic and practical learning. The hostel accommodations are comfortable with well-furnished rooms, recreational spaces, and round-the-clock security.



**Nupur Surana**  
B Tech CS  
2017-2021  
**DXC Technologies**



**Tanmay Dahiya**  
B Tech CS  
2017-2021  
**Analyst Cagpemi**

Embarking on the journey of pursuing a B.Tech in Computer Science at NMIMS Shirpur has been an enriching and transformative experience. From the moment I stepped onto the campus, I was welcomed into a vibrant community that fostered academic excellence, personal growth, and professional development. As I reflect on my college journey at NMIMS Shirpur, I am filled with gratitude for the invaluable experiences, lessons, and memories that have shaped me into the individual I am today. The knowledge and skills gained during my time here have not only prepared me for a successful career in computer science but have also empowered me to make meaningful contributions to society and strive for excellence in all aspects of life. In conclusion, my college experience at NMIMS Shirpur has been nothing short of transformative, equipping me with the tools, mindset, and values to navigate the complexities of the digital age and emerge as a lifelong learner and responsible global citizen.



NMIMS has excellent infrastructure with modern classrooms, well-equipped labs, and a sprawling campus. The library is extensive, and there are various recreational spaces for students. I was placed in Quantiphi as a Platform Engineer. The college has state-of-the-art computer labs, engineering labs, and research facilities to support academic and practical learning. The hostel facilities are comfortable with well-furnished rooms, recreational areas, and round-the-clock security. The hostel mess provides nutritious meals and there are options for both vegetarian and non-vegetarian food.



**Ayush Singh**  
B Tech CS  
2017-2021  
**Systems Engg. Infosys**



## INTERNATIONAL STUDY OPPORTUNITIES FOR MPSTME STUDENTS

**For B. Tech. Students:**

- Study for 2 years at MPSTME and rest 2 years at leading universities in Australia:
- University of New South Wales
- University of Canberra
- Western Sydney University

**M. Tech Data Science Program in academic collaboration with:**

Virginia Tech, USA

**Summer School:**

- University of California, Berkeley, USA
- Illinois Institute of Technology, Chicago, USA
- University of British Columbia, Vancouver, Canada
- Institute De Mines, Telecom Business School, Paris
- ESSCA - Paris, Angers, Budapest, Shanghai

**Internship in USA:**

- CIEE – Council on International Educational Exchange

**Global Alliances and Networks:**

- College Board, Graduate Management Admission Council, Shastri
- Indo - Canadian Institute.

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Director, SVKM's, MPTP, NMIMS, Shirpur Campus  
Associate Dean, MPSTME, Shirpur

**Editors:**

Prof. Bhushan Inje  
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**Dept. Faculty Coordinator:**

Prof. Dhananjay Joshi

**Student Coordinators:**

Siddhesh Darak





**Contact Us**



SVKM'S  
**Narsee Monjee Institute of Management Studies**

Deemed to be UNIVERSITY

**Mukesh Patel School Of Technology Management & Engineering, Shirpur Campus**

Mukesh Patel Technolgy Park, Village: Babulde, Bank of Tapi River, National Highway No: 3, Shirpur.

Pin Code: 425405. Dist. Dhule, Maharashtra, India.

Phone No: 02563 - 286545 / 286546 / 286547 / 286548 / 286549 / 286550

Fax No: 02563-286552

Email : [shirpur@nmims.edu](mailto:shirpur@nmims.edu)



**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING, SHIRPUR**