



SVKM'S
NMIMS
Deemed to be UNIVERSITY

NAVI MUMBAI

JANUARY 2024

PRISM

School of Mathematics, Applied
Statistics and Analytics

**ISSUE •
JANUARY 2024**

PRISM NEWSLETTER

**THE PUBLIC RELATIONS, DIGITAL
MARKETING AND EDITORIAL
COMMITTEE**

SCHOOL OF MATHEMATICS, APPLIED STATISTICS AND ANALYTICS



TABLE OF CONTENT

I	<i>SoMASA PR Head's Letter</i>	02
II	<i>Creative & Content Head's Letter</i>	03
III	<i>Student Induction Program</i>	04
IV	<i>Convocation'23 Ceremony</i>	07
V	<i>Collaborative Events</i>	09
VI	<i>Public Relations</i>	12
VII	<i>Student Council</i>	15
VIII	<i>Analytics Club</i>	18
IX	<i>Entrepreneurship Cell SoMASA</i>	21
X	<i>Shining Stars</i>	23
XI	<i>The Editorial Team</i>	26



SOMASA PR HEAD'S LETTER

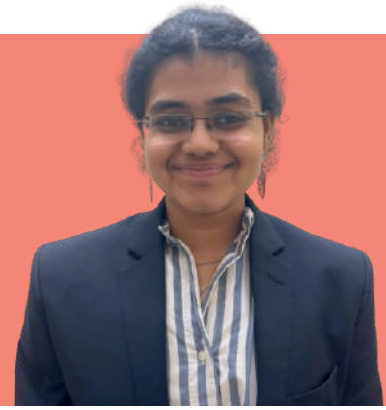
The Public Relations (PR) committee of the School of Mathematics, Applied Statistics, and Analytics (SoMASA) at NMIMS Navi Mumbai operates with a shared vision, dedicated to delivering impactful messaging and nurturing robust relationships with key stakeholders. Over the past year, the PR committee has played a pivotal role in creating compelling content, managing social media platforms, and coordinating events for various cultural and academic activities at SoMASA.

Our committee consistently stays abreast of emerging trends, adapts to evolving landscapes, and employs innovative tools to amplify the reach and resonance of our communication efforts. Reflecting on the past year, we are pleased to share that we have organized a notable increase in events, surpassing the accomplishments of the previous two years. Moreover, we have excelled in covering all SoMASA events, leveraging engaging content to showcase the vibrancy and excellence of our school, thereby bringing it into the spotlight.

We extend our heartfelt gratitude to the entire NMIMS Navi Mumbai community for their unwavering support and active participation, which has been instrumental in driving the success of our endeavors. As we look forward, we anticipate a dynamic and fulfilling year ahead, ripe with opportunities for further growth and impact.

DR. SURESH PATHARE

CREATIVE HEAD'S LETTER




I am thrilled to present this captivating newsletter, PRISM, which has been specially curated to stir emotions and ride you through the success of every core event and collaborative endeavours of our esteemed School of Mathematics, Applied Statistics and Analytics. Every image and detail has been carefully selected to ignite imagination, encouraging readers to immerse themselves in the dynamic atmosphere of SoMASA. Let this newsletter serve more than just a publication. May it spark curiosity and inspire all who engage with it to embrace the vast array of possibilities and potential that await. Through PRISM, let's celebrate achievements, forge connections, and sustain the enduring spirit of SoMASA.

ASMA GITE



CONTENT HEAD'S LETTER

Anticipating the release of our upcoming magazine, PRISM, I am excited to witness the embodiment of our journey of academic excellence at NMIMS, Navi Mumbai. This publication stands as a testament to the values of dedication, innovation, and collaboration that define our institution. PRISM provides a vibrant platform to celebrate achievements, share insights, and foster unity within our academic community. I extend my heartfelt gratitude to all contributors, enriching its pages with creativity and expertise. Let us embrace the launch of PRISM as an opportunity to inspire and connect, nurturing a culture of innovation and excellence at NMIMS, Navi Mumbai. Together, let us continue to uphold high standards and celebrate our collective achievements.



STUDENT INDUCTION PROGRAM

The Student Induction Program welcomes new students, facilitating their seamless integration into academic and social life. Through orientation sessions and interactive activities, it equips them with essential resources for a successful journey ahead.



[somasa.nmims.navimumbai](https://www.instagram.com/somasa.nmims.navimumbai)



“ ORIENTATION WEEK

NAVIGATING ACADEMIC JOURNEYS

The SoMASA Orientation Week 2023, held on July 17th and 18th, was a grand celebration of new beginnings and the promise of a bright future. The first two days were designed to acclimate newly admitted students and their parents to their academic journey, motivate them, and offer a glimpse into the vibrant student life at NMIMS.



DYNAMIC WELCOME

The day 1 commenced with an electrifying welcome by the SoMASA Student Council. After which, Director Ruchita Verma graced the occasion with an inspirational speech that left a profound impact on the audience. The presence of core faculty members and Program Chairperson, Ms. Jyoti Verma, reassured everyone about the support and guidance available throughout the academic journey.



CAMPUS EXPLORATION

The Student Council orchestrated an engaging campus tour, with interactive games. The students were able to explore their new academic home and create meaningful connections. The day concluded on a high note as everyone came together to sing the NMIMS anthem.



“

ORIENTATION WEEK

ENERGIZING CONNECTIONS

Day 2 continued the celebration, with an array of activities designed to infuse energy and build connections among the students. Music and dance performances took center stage, featuring senior students, later accompanied by junior participants who added their voices, creating a harmonious atmosphere.



TALENTS UNLEASHED

From soulful melodies to foot-tapping beats, the audience was treated to a diverse range of musical genres. The performances were a testament to the musical talent within the SoMASA community. The choreography by various students celebrated the spirit of unity and the joy of dancing.

VIBRANT ATMOSPHERE: A RECAP

The atmosphere on both days was characterized by energy, excitement, and a sense of belonging. Laughter, applause, and cheers filled the air as students and faculty members came together to celebrate the talent and spirit of the SoMASA community. These days were not only about entertainment but also about fostering connections and building a strong support network.





CONVOCAATION'23 CEREMONY

Celebrating achievements with energy and unity. Laughter, applause, and connections fill the air. A day of pride, talent, and support, marking new beginnings for graduates and community."



[somasa.nmims.navimumbai](https://www.instagram.com/somasa.nmims.navimumbai)

“

CONVOCAATION'23

EMBRACING NEW BEGINNINGS

The SoMASA Convocation of batch 2020-2023 was not just a formal acknowledgment of academic achievement; it was a celebration of the students' dedication, resilience, and growth. Dr. Jyoti Verma's role in personally handing over certificates and delivering an inspiring address added a personal touch to the event as well as the blessings and best wishes from the core faculties, making it a truly special day for the students.



CELEBRATION OF SUCCESS



The class photographs, emotional moments, and the post-ceremony celebration contributed to making the event a cherished memory for everyone involved. As the graduates move forward, the SoMASA Convocation will serve as a symbol of their accomplishments and the supportive community that helped shape their academic journey.



EVENTS

COLLABORATIVE EVENTS

Welcome to the Collaborative Corner, a dedicated space in our newsletter that shines a spotlight on the synergy of diverse committees. Explore the tapestry of shared efforts and achievements as various committees join hands to create impactful events and initiatives at our institution.





BOLLYWOOD DAY



DESI DAZZLE

On September 22, 2023 the PR committee and the Student Council orchestrated "Bollywood Day" creating a delightful experience for all participants. The event took place at the NMIMS Auditorium where the students embraced the Bollywood theme, dressing up as favourite stars and characters, infusing glamour and colour into the festivities. It was a celebration of Bollywood's cultural richness, and offering students a chance to unwind as well as make memories.



MUSIC & DANCE EXTRAVAGANZA



Students showcased their singing abilities, filling the venue with melody that resonated with the essence of Bollywood. The highlight of the day was the energetic dance performances, with students showcasing their moves to popular Bollywood tunes. The infectious energy captivated the audience, creating an atmosphere of joy and celebration. The culmination of Bollywood Day featured a photoshoot, capturing each student in their unique Bollywood-inspired hook step or pose.



WALL STREET WAR

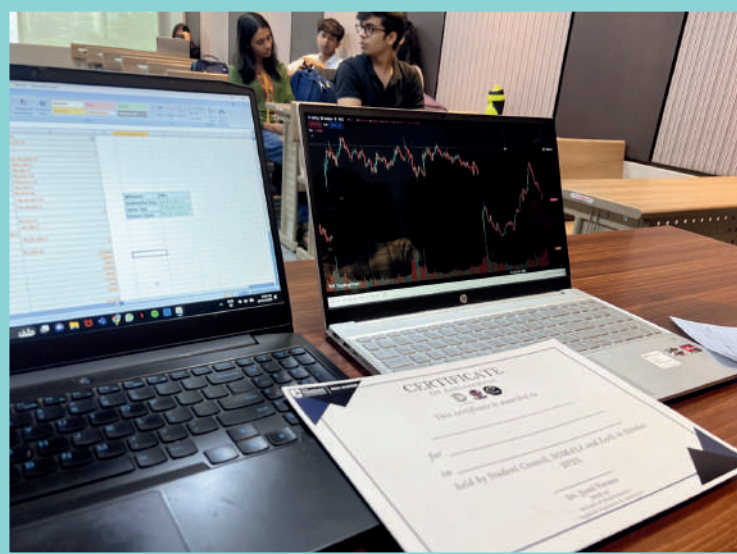


NO RISK, ALL THRILL

A virtual paper trading competition was organized by the Student Council SoMASA in collaboration with the E-Cell and Fincorp, was held from 9th – 13th of October. The Virtual Paper Trading Competition took place on the "Front Page" app, providing an easily accessible and user-friendly platform for participating students. It aimed to boost participants' financial skills by allowing them to analyze market trends and gain hands-on trading experience.



FROM SIMULATION TO SUCCESS



Over the course of three days, students were given the opportunity to simulate real-world trading scenarios and test their investment strategies. The event not only deepened participants' understanding of financial markets but also encouraged critical thinking, risk management, and chart analysis. The event was significant in enhancing financial literacy and preparing students for careers in Finance and Statistics.



**PUBLIC
PR
RELATION**

COMMITTEE

PUBLIC RELATIONS

The SBM PR Committee is central to our vibrant college community, managing the biannual newsletter, social media, and upholding a positive school image. They dynamically represent all institutional events and achievements.



[somasa.nmims.navimumbai](https://www.instagram.com/somasa.nmims.navimumbai)

“ TEACHER'S DAY

CELEBRATING OUR TEACHERS

Teachers' Day is a special occasion to honor and appreciate the hard work and dedication of educators. It is a day when students express their gratitude to their teachers for their guidance and support. This year, our school celebrated Teachers' Day in a unique way by giving teachers greeting cards. The event helped strengthen the bond between teachers and students and created a positive atmosphere in the school.



TEACHER STUDENT SESSION



Celebrating Teachers' Day with greeting cards was a meaningful and memorable experience for everyone involved. It allowed students to express their gratitude in a personal and creative way, and it reminded teachers of the impact they have on their students' lives. This event served as a reminder of the importance of acknowledging and appreciating the hard work and dedication of Teachers.



DIWALI DONATION DRIVE

DIWALI FUN FEST

On November 8, 2023, the NMIMS Navi Mumbai community experienced a heartwarming moment as the PR Committees of SBM and SoMASA joined forces for the Diwali Donation Drive, a collaborative effort aimed at fostering compassion and generosity. The initiative sought to make a meaningful contribution to Girija Welfare, a nearby orphanage that became the beneficiary of the community's collective goodwill.



#HARGHARKHUSHIYAAN



Starting at 11:30 am in the Green Area with the hashtag #HarCharKhushiyaan, the event prompted participants to enjoy activities, integrating a QR code for streamlined donations. The day concluded as the NMIMS Navi Mumbai Family celebrated Diwali with Girija Welfare's children. Organized by SBM and SoMASA PR Committees, the event showcased collaborative dedication through games and donation collections, reinforcing the essence of Diwali with collective kindness that illuminated lives.



COMMITTEE **STUDENT COUNCIL**

The Student Council fosters student engagement through initiatives promoting leadership, inclusivity, and community involvement. It empowers students to voice their ideas and enact positive change within the school.



[somasa.nmims.navimumbai](https://www.instagram.com/somasa.nmims.navimumbai)



BRUSHES AND BYTES



THE DIGITAL RENAISSANCE

Brushes and Bytes, a techno-creative competition organised in collaboration with the Arts committee of NMIMS, Navi Mumbai was conducted on 25th September. The event focused on using Prompt Engineering (the latest tool among all techies and non techies) to create digital art pieces using Leap.ai to generate AI Art. The event contained three elimination rounds, which were based on certain themes such as color, mythology and philosophy.



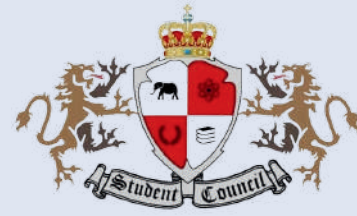
WHERE CREATIVITY MEETS CODING



The whole flow of rounds was conducted smoothly, with the Student Council managing the technical aspects and the Arts committee handling creativity. Participants were able to portray their creativity virtually while also grasping knowledge regarding revolutionising technology around us. We are looking forward to conduct more such fresh productive sessions and events, that help students learn more about the latest technologies in a fun and engaging way.



SPEAKER SESSION



LANDSCAPE OF CYBERSECURITY

The Student Councils of the School of Mathematics, Applied Statistics and Analytics, and the School of Technology Management and Engineering jointly hosted a cybersecurity seminar. The event aimed to broaden students' understanding of digital security challenges and solutions. The featured guest speaker, Mr. Anant Baddi, a seasoned security solution architect from Google, shared comprehensive insights into various cybersecurity topics, offering real-world perspectives on emerging threats.



INSIGHTS FROM TECHNO WORLD



The seminar successfully provided a holistic view of the rapidly evolving cybersecurity landscape. Attendees gained practical insights from Mr. Anant Baddi's experiences, emphasizing the real-world application of cybersecurity principles. The event not only enhanced awareness but also underscored the collaborative approach required in tackling digital threats. As technology advances, the Student Councils are committed to organizing similar sessions,



CLUB ANALYTICS

The Analytics Club analyzes data to derive insights, fostering critical thinking and problem-solving skills. Members engage in hands-on projects, workshops, and discussions to explore real-world applications, enhancing their analytical capabilities and preparing for future challenges.



[nmims.analyticsclub](https://www.instagram.com/nmims.analyticsclub)

“

LEVEL UP YOUR DATA SKILLS

TABLEAU WORKSHOP (VERSION 1)

On October 9, 2023, the Analytics Club organised a workshop which was targeted at equipping participants with the basic skills and knowledge required to effectively use Tableau, a powerful data visualization and analytics tool. Dr. Mukund Madhav Tripathi, Associate Dean, SOC, NMIMS, Navi Mumbai, was the instructor for the event. Dr. Tripathi, an esteemed faculty member, started the workshop with an engaging session on the fundamentals of Tableau. His extensive knowledge and experience in the field of data analytics made him the perfect instructor for this workshop.



VISUALS THAT SIMPLIFY COMPLEXITY



The participants had the opportunity to apply what they learned in real-time during hands-on sessions. They were provided with sample datasets to practice creating visualizations and dashboards under Dr. Tripathi's guidance. The success of Tableau Workshop (Version 1) has generated excitement among the participants, and it was announced that a more advanced Tableau Workshop (Version 2) is in the works.



LEVEL UP YOUR DATA SKILLS



DATA ANALYTICS WITH EXCEL

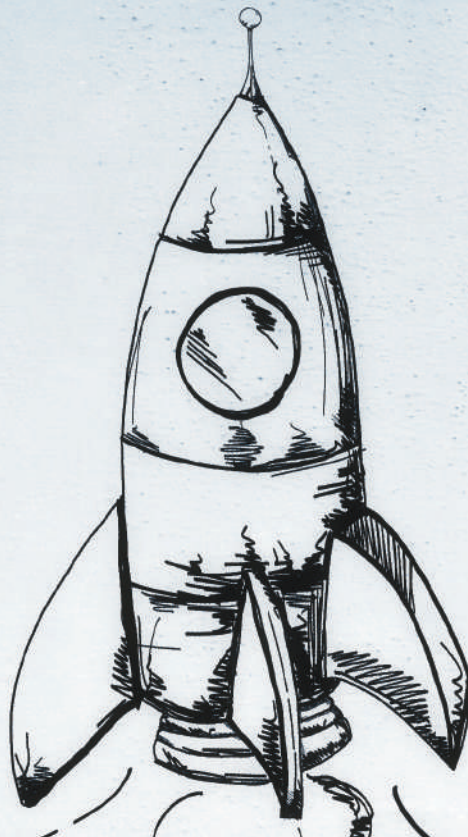
Analytics Club conducted a workshop on November 6, 2023 which was aimed at equipping participants with the basic skills and knowledge required for effective use of Excel, a powerful data visualization and analytics tool. Prof. Anurag Nigam was the instructor for the workshop. This event focused on empowering participants with practical insights into utilizing Excel for robust data analysis. Prof. Nigam's expertise provided a comprehensive understanding of Excel's functionalities, from basic operations to advanced analytical techniques.



UNLOCK YOUR POTENTIAL

The workshop fostered an engaging environment, encouraging interactive learning and hands-on practice. The workshop was a resounding success, bridging theory with practical applications, and equipping participants with essential tools for effective data analysis in diverse professional spheres. Prof. Anurag Nigam's insights further amplified the workshop's impact, making it a valuable learning experience for all involved.





COMMITTEE

E-CELL (SOMASA)

The Entrepreneurship Cell fosters innovation and cultivates a spirit of entrepreneurship among students, providing a platform for ideation, mentorship, and the realization of ambitious business ventures within the academic community.



[ecell_nmims_navi_mumbai](https://www.instagram.com/ecell_nmims_navi_mumbai)



SPEAKER SESSION



E - CELL

GEN AI AND PROMPT ENGINEERING

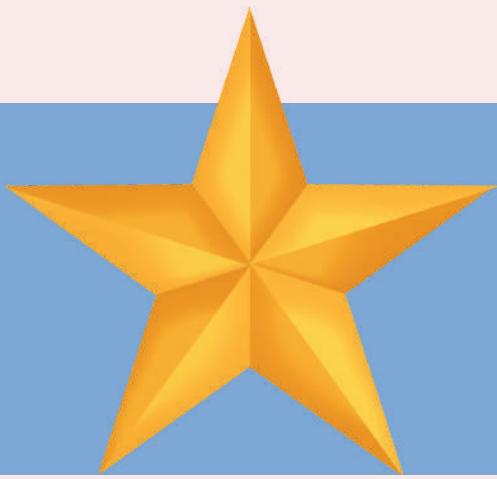
On November 8th, E-Cell SoMASA conducted workshop on Generative AI and Prompt Engineering. The speaker was Dr. Yogesh Jadhav, a leading expert in the field. Generative AI is a type of artificial intelligence that can create new content, such as text, images, and music. It has the potential to revolutionize many different industries, including the creative industries and the software industry. Dr. Yogesh discussed the importance of prompt engineering in generative AI. Prompt engineering is the process of designing prompts that can be used to generate high-quality content from generative AI models.



FROM PROMPTS TO POSSIBILITIES



Dr. Yogesh gave several examples of how generative AI can be used to create new content. such as showing how generative AI can be used to generate new text, translate languages, and write different kinds of creative content. These events help to educate students, faculty, and industry professionals about the latest trends and developments in the field. high-quality content from generative AI models.



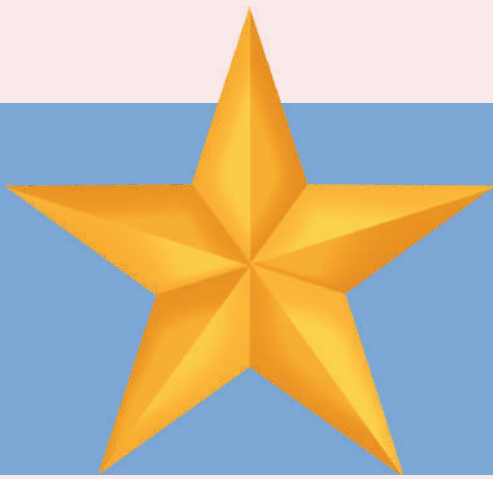
SHINING STARS

STUDENT EXCELLENCE AWARDS

Urja Samwani from 2nd year BSc (hons) Artificial Intelligence, participated in the 10th Intercollegiate Research Paper Conference held by Prof. Pramod Parkhi Centre for Banking, Finance and Insurance on November 25, 2023, with the theme "Futuristic Finance: Technology and Human Intervention." Secured 2nd place for the paper titled "The Growth of Digital Payments in India: A Case Study of UPI" with participation from more than 40 colleges.



Nikita Motwani, from 2nd year student of BSc Data Science Awarded for being a co-author of anthology "Blooming Orchids" under ISBN Number "978-93-9377-48-7" Published by "The Wordings" in the year 2023. This book includes the different genres of poetry..



SHINING STARS

RESEARCH PAPER PUBLICATION

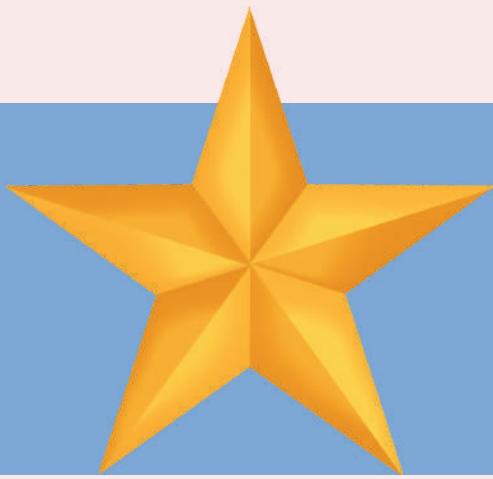
Dr. Jyoti Verma, Program Chairperson, School of Mathematics, Applied Statistics & Analytics.

1. Published research paper titled "A Brief Note on Space Time Fractional Order Thermoelastic Response in a Layer" in an International Journal "Application and Applied Mathematicss", pvamu Publishing, Web of Science, ISSN NO.1932-9466, Vol. 18, Issue 1 (June 2023), Article 18, 9 pages

2. Published research paper titled "Memory impact of hygrothermal effect in a hollow cylinder by theory of uncoupled-coupled heat and moisture" in an International Journal "Multidiscipline Modeling in Materials and Structure", Emerald Publishing, SCOPUS Indexed, ISSN NO.1573-6105 with Impact Factor-3.06

3. Presented a research paper titled "Thermo-mechanical analysis in a simply supported plate using fractional order approach" in an International Conference on Indian Society of Theoretical and Applied Mechanics, IIT Kharagpur, ISTAM 2023, at NIT Warangal on 7 Dec 2023-9 Dec 2023,





SHINING STARS

RESEARCH PAPER PUBLICATION

Mr. Sagar Ningonda Sankeshwari, Assistant Professor,
School of Mathematics, Applied Statistics & Analytics.

1. Published research paper titled "Shehu Integral Transform and Hyers-Ulam Stability of n th order Linear Differential Equations" in Scientific African (SCOPUS indexed journal, Impact factor: 2.9), Vol. 18, pp. e01427, 2022.

2. Published research paper titled "MHD Casson nanofluid boundary layer flow in presence of radiation and non-uniform heat source/sink" in Mathematical Modelling and Control (Scopus Indexed Journal, Impact factor: 1.6), Vol. 3, Iss. 3, pp. 152-167, 2023.

3. Presented research paper titled "Time-fractional Cattaneo telegraph equation in a space under time-harmonic impact and associated thermal stresses" in International Conference on Differential Equations and Control Problems (ICDECP23) from June 15-17, 2023, organized by School of Mathematical & Statistical Sciences Indian Institute of Technology Mandi.

4. presented research paper titled "Fractional Cattaneo-type telegraph equation in axisymmetric and central symmetric with time-harmonic source and associated thermal stresses" in International Conference on 68th Conference of Indian Society of Theoretical and Applied Mechanics (ISTAM) from December 07-09, 2023 organized by National Institute Technology, Warangal.



NEWSLETTER BY

EDITORIAL TEAM

An official publication of NMIMS NAVI MUMBAI

PATRONS



**Dr. Subhasheesh
Bhattacharya**
Campus Director



Dr. Jyoti Verma
Program Chairperson



Dr. Suresh Pathare
Associate Professor

GUIDANCE

MEMBERS



Deepshikha Chhaperia
President



Shreya Meher
Vice-President



Shrihari Pattar
General Secretary



Anish Sajani
Social Media Head



Asma Gite
Creative Head



Tanya Das
Content Writer



Gwal Buddhadev
Content Head



Tanmay Girnarkar
Photography Head

