

**STUDENT ASSOCIATION  
MASTER OF COMPUTER APPLICATIONS**

# NEWSLETTER

**VOLUME 1**

**2023 - 2024**



**NMAM INSTITUTE  
OF TECHNOLOGY**

## **FROM THE DESK OF HEAD OF THE DEPARTMENT**



**Dr. Surendra Shetty**  
**Professor and Head Department of MCA**  
**NMAMIT Nitte**

Nelson Mandela once said, "Education is the most powerful weapon which you can use to change the world." With this sentiment in mind, I am thrilled to announce the release of our department's yearly magazine, which highlights the various activities we conducted for the betterment of our students. This magazine provides a comprehensive overview of the events and initiatives that we organized over the past year to empower our students and to equip them with the tools they need to make a positive impact on the world. At our department, we believe that education should not be limited to the classroom. That's why we organize a range of activities to complement our students' academic learning and to help them develop skills and competencies that will serve them well in their personal and professional lives. From leadership development workshops and community service programs to research symposia and industry visits, we offer a diverse range of opportunities for our students to learn, grow, and contribute to society. I encourage you to read our yearly magazine and to learn more about the innovative initiatives and inspiring accomplishments of our students over the past year. We are committed to providing our students with a transformative educational experience that will enable them to achieve their full potential and to make a meaningful difference in the world.

## Academic Activities – (2022-23)

<b>Sl.No</b>	<b>Topic</b>	<b>Page No</b>
<b>1.</b>	SAMCA Inauguration	<b>1</b>
<b>2.</b>	How to enhance your Technical Skills	<b>2</b>
<b>3.</b>	Hands-on : Introduction to IoT tools and applications	<b>3</b>
<b>4.</b>	South India Level Intercollegiate Fest SEMAPHORE	<b>4-5</b>
<b>5.</b>	Sports Day	<b>6</b>
<b>6.</b>	MCA-exPro 22	<b>7-8</b>
<b>7.</b>	Farewell Program	<b>9-10</b>
<b>8.</b>	Crack the Campus	<b>11-12</b>

## SAMCA Inauguration

The department of MCA had organized the “SAMCA Unplugged” - Inauguration of Student Association of MCA and Fresher’s day on 1 December. Ms. Shubha B, H R Manager, Risk connect Services Pvt Ltd, Mangalore was the chief guest. She spoke about the career opportunities for students and motivated them to have technical skills. Dr. Niranjana N Chiplunkar, Principal, NMAMIT gave his presidential address to the gathering and encouraged the students to organize various programs under SAMCA. Dr. Surendra Shetty, Professor and Head of the Department of MCA welcomed gathering.

Prizes were distributed to the winners of various competitions which was held under SAMCA for MCA Students. SAMCA student president Mr. Joel Joseph presented the SAMCA report which included some of the major events conducted and also future plans for the academic year. SAMCA faculty co-ordinator Ms. Saritha Shetty introduced the guest to the gathering. Ms. Supravi Prakash hosted the inaugural ceremony of SAMCA Unplugged. SAMCA secretary Ms. Shravya A Acharya proposed vote of thanks. After the inaugural ceremony, Ms. Shubha B interacted with the students.



## How to enhance your Technical Skills

Department of MCA had organized a talk on "How to enhance your Technical Skills" for all students of the I semester MCA in MCA Seminar hall on 12 January, 2023. Mr. Harsha Aithal and Ms. Geetha were the speakers of the day Mr. Harsha Aithal and Ms. Geetha are the Alumni of our college, graduated in 2009. Mr. Harsha Aithal is currently working as a ITSM solution Architect delivery consultant at Handelsbanken, Sweden and Ms. Geetha is currently working as senior technology consultant in Manage Nordic, Norway.

Dr. Surendra Shetty, Professor and head of the department, Department Alumni coordinator Mr. Puneeth B R, Wenamitaa Treasurer Dr. Spoorthi B. Shetty, Wenamitaa Joint secretary Dr. Sarika Hegde and faculty members of MCA department were present during the session.



## **Hands-on : Introduction to IoT tools and applications**

MCA Department of NMAMIT Nitte, organized a Workshop on “Hands-on : Introduction to IoT tools and applications” on 21 January 2023 in MCA seminar hall. Mr. Ranjit Kolkar, research Associate, Information Technology, NITK, Surathkal was the resource person. He demonstrated the topics on developing mobile applications using MIT app inventor and explained about connecting the IoT hardware device to the application. He also enlightened students on the available tools for storing and analyzing the data in cloud. Dr. Surendra Shetty, Professor and head of the department of MCA imparted the importance of the workshop for the students. Dr. Spoorthi B. Shetty coordinated the workshop. The students of MCA learnt the usage of IoT tools in practical session of the workshop. Ms. Spoorthi B. Shetty, Assistant professor, Department of MCA coordinated the workshop.



## **South India Level Intercollegiate Fest SEMAPHORE**

MCA Department of NMAMIT Nitte, organized South India Level Inter Collegiate Technical Fest “SEMAPHORE-2023” on 5 and 6 January 2023. Students from various institutions across the state participated in the fest.

Mr. Hemant Kumar Vice President (Software Engineering) Fidelity Investments, Bangalore inaugurated the SEMAPHORE-202 on 5th January, 2023. In his speech he emphasized the students to give more importance on continuous learning which in turn leads to success.

Dr. Niranjana N Chiplunkar, Principal, N.M.A.M. Institute of Technology, in his presidential address congratulated the department for successfully organizing the fest from last 20 years and also mentioned the importance of these fests in student’s overall development.

Professor & Head, department of MCA Dr. Surendra Shetty welcomed the gathering. Semaphore staff coordinator Dr. Spoorthi B. Shetty introduced the chief guest. SAMCA president, Mr. Joel Joseph briefed about the SEMAPHORE fest. SEMAPHORE student coordinator Mr. Saurav Poojary gave details about the events and SAMCA secretary Ms. Shravya A Acharya proposed the vote of thanks.

Various technical events like Ice Breaker, Coding, IT Manager, Meme Making, Photography, Quiz, Tech Talk, Treasure Hunt, Web Designing conducted.

National Institute of Technology, Surathkal, Mangalore won the overall championship and St. Joseph Engineering College, Vamanjoor, Mangalore won the runners up prize.







## Sports Day

SAMCA - Student Association of MCA, NMAMIT, Nitte had arranged Sports Day on 10 February, 2023. The sports day was inaugurated by Dr. Surendra Shetty, Professor and Head, Department of MCA. The faculty members and the students participated in various sports activities. The Event was organized by Mr. Puneeth B. R., Sports Coordinator of MCA Department.



## **MCA-exPro 22**

The Department of MCA had organized a Project Exhibition, 'MCA-exPro'22 on 9 February, 2023 in the department premises. The aim of the exhibition was to showcase the project work carried out by the students of the Department, encourage them to think and develop innovative projects that are helpful to the society.

The Principal of NMAM.I.T, Nitte, Dr. Niranjana N Chiplunkar inaugurated the exhibition and addressed the gathering. He motivated the students with his encouraging words and appreciated that the quality and the number of projects being showcased in the exhibition is increasing every year. He appreciated the Department of MCA for organizing the program and the students for enthusiastically participating in the event. Highlighting the importance of doing projects during their study, the Principal encouraged the students to take up projects helpful to the society and convert them into products. The Vice Principal and Dean Academics, NMAMIT, Nitte, Dr. I R Mithanthaya appreciated and encouraged the students to take up projects to hone their skills and help them in getting placed in the IT industry. Speaking on the occasion, Dr. Sudesh Bekal, Dean R & D, NMAM.I.T, Nitte, motivated the students to take up collaborative research projects which will be helpful in the medical field. Dr. Mamatha Balipa, Associate Professor and Project Co-coordinator, Department of MCA, NMAM.I.T, Nitte welcomed the gathering. Dr. Surendra Shetty, Professor & Head, Department of MCA, NMAM.I.T, Nitte, spoke about the purpose and importance of the event MCA-exPro.

A total of 34 teams, comprising of students from the third semester participated in the competition with enthusiasm, and exhibited their work. Each team had worked on unique projects mentored by the faculty members. Three best projects were selected based on their merit.

Dr. Radhakrishna, Associate Professor, Department of CS & E, NMAMIT, Nitte, Dr. Manjula Gururaj, Associate Professor Department of IS & E, NMAM.I.T, Nitte helped in evaluating the projects.

### **The prize winning projects are as follows:**

**First Prize:** "Karyotype Analysis using Deep Learning", by Ms. C. Swathi Kamath and Mr. Danush guided by Dr. Pallavi Shetty

**Second Prize:** "Gesture controls for Human Computer Interaction", Mr. Shivanand Algodkar and Mr. Shreeshha guided by Mr. Arhath Kumar.

### **Third Prize:**

1. "Krishi Mitra" by Mr. Nishith and Ms. Nishani guided by Dr. Spoorthi B. Shetty
2. "Twitter Comment Analysis of Covid-19" by Mr. Kevin Sequeira, Ms. Madhura and Ms. Mamatha guided by Dr. Mangala Shetty

"Rocket Launching System through voice command" by Mr. Olwin D'Souza, Mr. Saurav Poojary and Ms. Nishmitha Nayak guided by Mr. Anantha Murthy



## **Farewell Program**

The Student Association of MCA (SAMCA) in association with the Department of MCA, NMAMIT, Nitte bid farewell to the outgoing students of final year MCA on 11 February, 2023 in Sambhram Auditorium. Principal Dr. Niranjana N. Chiplunkar was the chief guest for the farewell ceremony. Professor & Head of MCA department Dr. Surendra Shetty, SAMCA staff coordinator Ms. Saritha Shetty, SAMCA Vice President Mr. Vyshakh Gowda J S and SAMCA joint Secretary Ms. Shravya were the dignitaries during farewell ceremony. The faculty members, students and non-teaching staff of the Department of MCA were present in the program. The ceremony was commenced with a prayer. Dr. Surendra Shetty gave the farewell remarks.

The presidential address was given by Dr. Niranjana N. Chiplunkar, Principal, NMAM.I.T., Nitte. The prizes of various events which was conducted during sports day and MCA-exPRO project exhibition were distributed to the winners by the principal and the HOD. The event was hosted by Mr. Varun. Cultural program was held in the afternoon.





## Crack the Campus

The CTC (Crack the Campus) placement training program was conducted by Abhyuday, the Placement Department of NMAMIT for 1st-year MCA students. The program aimed to provide comprehensive preparation and guidance to the students for their future campus placements. The event took place on 3, 7, 10, and 17 June 2023. This report outlines the test pattern and structure of each CTC round.

### Event Details:

- Program Name: CTC (Crack the Campus) - Placement Training Program
- Organizer: Abhyuday, Placement Department, NMAMIT, Nitte
- Target Audience: 1 year MCA students

### Test Pattern:

#### CTC 1:

- Aptitude: 15 questions
- Technical: 15 questions
- Coding: 1 easy question

#### CTC 2:

- Aptitude: 15 questions
- Technical: 15 questions
- Coding: 1 easy question

#### CTC 3:

- Aptitude: 15 questions
- Technical: 15 questions
- Coding: 1 medium question

#### CTC 4:

- Aptitude: 15 questions
- Technical: 15 questions
- Coding: 1 medium question

#### CTC 5:

- Coding: 1 easy question + 1 medium question
- SQL: 1 question
- MCQ: 5 questions

### Dates:

- CTC1: June 3, 2023
- CTC2: June 7, 2023
- CTC3: June 10, 2023
- CTC4: June 17, 2023

The CTC (Crack the Campus) placement training program organized by Abhyuday aimed to equip 1 year MCA students with the necessary skills and knowledge for their upcoming campus placements. The program included aptitude, technical, and coding rounds, with varying difficulty levels for each round. The participants had the opportunity to enhance their problem-

solving abilities and gain exposure to real-world interview scenarios. The event was well- received and provided valuable insights and practice to the students, increasing their confidence and readiness for future placement opportunities.

The success of the CTC program would not have been possible without the dedication and efforts of the student volunteers and staff members of Abhyuday. Their commitment and support played a crucial role in organizing and conducting the program smoothly. Their contributions are highly appreciated.

Please find attached the result sheet as proof of the participants' performance in the CTC (Crack the Campus) placement training program conducted by Abhyuday, the Placement Department of NMAMIT, Nitte, for 1st-year MCA students.