



STUDENT ASSOCIATION
MASTER OF COMPUTER APPLICATIONS

2022-2023

WINDOWS 2023



NITTE
(Deemed to be University)

**NMAM INSTITUTE
OF TECHNOLOGY**

FROM THE DESK OF HEAD OF THE DEPARTMENT



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

As the great American educator and author, James A. Garfield, once said, "Next in importance to freedom and justice is popular education, without which neither freedom nor justice can be permanently maintained." With this sentiment in mind, I am delighted to announce the release of our department's yearly magazine, which showcases 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 promote popular education and to empower our students with the knowledge and skills they need to succeed. At our department, we believe that education should not be limited to the acquisition of information or the development of skills. We aim to provide our students with a holistic educational experience that fosters their intellectual, social, and emotional growth. To this end, we organize a range of activities that engage our students in experiential learning, critical thinking, and collaborative problem-solving. From field trips and research projects to internships and community service programs, our initiatives are designed to develop our students into active, engaged citizens who are committed to making a positive impact on society.

I invite you to peruse our yearly magazine and to learn more about the innovative initiatives and inspiring accomplishments of our students over the past year. We are proud of the progress our students have made and the positive impact that our department has had on their lives. As we continue to strive for excellence in education, we remain committed to promoting popular education and to empowering our students to achieve their full potential.

SAMCA Office Bearers - (2022-23)

Sl. No.	Position	Name	Class and Section
1	Vice President	VYSHAKH GOWDA J S	III Semester MCA
2	Joint Secretary	SHRAVYA	III Semester MCA
3	Joint Treasurer	SUHAS B S	III Semester MCA
4	Joint Sports Secretary	VARSHITH V SHETTY	III Semester MCA
5	Assistant Technical Coordinator	SHREENATH A M	III Semester MCA
6	Assistant Cultural Coordinator	KUSHI J SHETTY	III Semester MCA
7	Assistant Magazine Editor (Male)	LESTER LLOYD MATHIAS	III Semester MCA
8	Assistant Magazine Editor (Female)	MANASA SHETTIGARA	III Semester MCA
9	Assistant Social Media Co-ordinator	PRATHIK P SHERIGAR	III Semester MCA

Academic Activities – (2022-23)

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Teck-KNO'22

The Department of MCA, NMAM.I.T, Nitte organized a technical competition in association with Thought Grains Solutions, Udupi on 14th July, 2022 for B.Sc., BCA and B.Com.(IT) students.

Mr. Arunachala Shetty, Co-founder and CEO, Thought Grains Solutions, Udupi, inaugurated the competition. Mr. Arunachala Shetty, in his inaugural address explained the students about the importance of these competitions in building their career. He motivated the students to become entrepreneur to serve the society.

Dr. Srinivas Rao B. R., Vice Principal, NMAM.I.T, Nitte presided over the function. In his presidential address he advised the students give equal importance for their curriculum and extra-curricular activities.

Dr. Surendra Shetty, Professor and Head, Department of MCA welcomed the gathering.

Dr. Spoorthi B. Shetty introduced the chief guest and Dr. Mangala Shetty delivered the vote of thanks. The final round of the competition was judged by a panel consisting of Mr. Hemanth J. Kamath, Co-founder, Ms. Sridevi Arunachala Shetty, Software Architect, Mr. Prashanth, Software Engineer, Thought Grains Solutions, Udupi.

SDM College Ujire won the First Prize with a cash amount of Rs. 10,000 and Alvas College, Moodabidri won the Second Prize with a cash amount of Rs. 5,000.

Dr. Mangala Shetty and Dr. Spoorthi B. Shetty coordinated the Technical Competition 'Teck-KNO'22'.



Placement Training Program Abhijnya Education Private Limited

The department of MCA had organized a three-day placement training program for the II semester MCA students from 20th to 22st July, 2022. Abhijnya Education Private Limited, Mangalore had conducted this training program. The students were trained with Quantitative aptitude, Soft skills, Verbal Reasoning and Group discussion by the trainers Mr. Abhilash Kshatriya, Dr. Guru Tej and Dr. Francisca Tej. Mr. Anantha Murthy and Mr. Puneeth B R, Assistant Professor, Department of M.C.A. coordinated this training program.





SAMCA Inauguration

The department of MCA had organised the “SAMCA Unplugged” - Inauguration of Student Association of MCA and Fresher’s day on 1st 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. Niranjan N Chiplunkar, Principal, NMAMIT gave his presidential address to the gathering and encouraged the students to organise 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 1st semester MCA in MCA Seminar hall on 12th 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 21-01-2023 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 5th and 6th 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 emphasised the students to give more importance on continuous learning which in turn leads to success.

Dr. Niranjan N Chiplunkar, Principal, N.M.A.M. Institute of Technology, in his presidential address congratulated the department for successfully organising 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. Semaphorestaff 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 10th 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 9th 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. Niranjan 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. IR 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 Algudkar and Mr. Shreesha 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 11th 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, NMAMIT, 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 (Nitte Mahalinga Adyanthaya Memorial Institute of Technology), 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 the 3rd, 7th, 10th, and 17th of 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: 1st-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 1st-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 (Crackthe Campus) placement training program conducted by Abhyuday, the Placement Department of NMAMIT, Nitte, for 1st-year MCA students.



Third Semester MCA Students A Section



Third Semester MCA Students B Section



Teaching and Non teaching staff of MCA