The Power of Community Service
Impacting The World Beyond Campus

NITTE
NMAM INSTITUTE
OF TECHNOLOGY
Nitte - 574 110, Udupi Dist., Karnataka
www.nmamit.nitte.edu.in
Education is the great engine of personal development

- Nelson Mandela
Legends Immortalized in Time

Shri Nitte Mahalinga Adyanthaya
1888-1966

Justice Kowdoor Sadananda Hegde
1909-1990

Strength does not come from winning, your struggles develop your strengths, when you go through hardships and decide not to surrender. That is strength.

- Mahatma Gandhi
ABOUT THE INSTITUTE

Nitte Mahalinga Adyanthaya Memorial Institute of Technology was established in 1986. The Institution was affiliated to Mangalore University from 1986 to 1997 and from 1997 to 2022, it was affiliated to VTU Belagavi and from 2022 onwards, it is a constituent of Nitte (Deemed to be University). The Institute is recognised by the All India Council for Technical Education (AICTE), New Delhi. From 2023-24, it offers BTech programs in 15 branches of Engineering and 7 MTech programs and MCA. We also have Doctoral programs offered at the Institute. Most of the Undergraduate and Postgraduate courses are accredited by the National Board of Accreditation. It is placed in the band of 101 - 150 at the national level in the NIRF (National Institute of Ranking Framework) ranking 2023.

HIGHLIGHTS

- Good Infrastructure along with dedicated & experienced faculty
- NBA Accredited Programs
- Recipient of TEQIP-I and TEQIP-II World Bank grants
- Best College Award for three years from KSCST, Government of Karnataka
- MoU with Pennsylvania State University Harrisburg, USA, National University of Singapore and Ritsumeikan University, Japan for faculty/student exchange and Research collaboration
- Meaningful Industry Interaction
- Excellent Placement record
- Value Addition Courses and Soft Skill Training Programs
- State of the art Computing, Internet and Library facilities
- Regular & Focussed training on Sports & Games
- Merit Scholarships and Internship facilities
- Wi-Fi campus and E-learning facility
- Centre for Student Innovation (CFSI)
- Centre for Research & Innovation (CRI)

UNDER GRADUATE PROGRAMS (B. Tech.)

Artificial Intelligence & Data Science
Artificial Intelligence & Machine Learning
Biotechnology Engineering
Civil Engineering
Computer & Communication Engineering
Computer Science & Engineering
Computer Science (Full Stack Development)
Computer Science (Cyber Security)
Electronics & Communication Engineering
Electronics (VLSI Design & Technology)
Electronics & Communication Engineering (ACT)
Electrical & Electronics Engineering
Information Science & Engineering
Mechanical Engineering
Robotics & Artificial Intelligence Engineering

POST GRADUATE PROGRAMS

Master of Computer Applications (MCA)
Master of Business Administration (MBA)

POST GRADUATE PROGRAMS (M. Tech.)

Construction Technology
Structural Engineering
Electric Vehicle Technology
Machine Design
VLSI Design & Embedded Systems
Computer Science & Engineering
Cyber Security

DOCTORAL PROGRAMS (Ph.D.)
VISION
Pursuing Excellence. Empowering people.
Partnering in Community Development

MISSION
To develop NMAM Institute of Technology, Nitte, as Centre of Excellence by imparting Quality Education to generate Competent Skill and Humane Manpower to face emerging Scientific, Technological, Managerial and Social Challenges with Credibility, Integrity, Ethics and Social Concern

QUALITY POLICY
We, the members of NMAMIT, recognize our students, their parents as well as their prospective employers as our esteemed customers. We commit ourselves to provide education to our students as per stipulated syllabus using the best practices in order to achieve Customer delight. Our target is to reach the position of one of the best technical institute in India and we aim at sustaining this position

CORE VALUES
Ethics, Team work, Honesty, Loyalty, Professional & Personal Integrity
I am glad to learn that NMAMIT is bringing out the Annual College Magazine ‘NIDARSHAN ‘23’ with the theme "The Power of Community Service: Impacting the World Beyond Campus". Personally, I am of the view that learning through Community Service will develop higher accountability of the students to fulfill their social responsibilities. Especially in these days of materialistic orientation, if we are to ensure sustainable development, young students should be sensitized to their social obligations along with contemporary professional skills.

In this regard, I am sure NIDARSHAN ‘23 will carry enough inputs for inspiring the young minds being groomed at NMAMIT. I heartily commend the efforts of every member of the Editorial team.

With best regards,

N. Vinaya Hegde
Chancellor, NITTE (Deemed to be University)
President, Nitte Education Trust
Dear Editorial Team

I would like to express my appreciation for choosing the theme “The power of community service impacting the world beyond the campus” for the upcoming issue of the College magazine. Community service is an essential aspect of creating a positive impact in society, and it is heartening to see that the magazine is dedicating space to highlight its significance.

In today’s world, where the socio-economic climate is constantly changing, it is crucial for educational institutions to recognize the power we have as individuals and as a community to make a difference. Through community service, we not only help those in need but also gain valuable skills and experiences that shape us into informed and compassionate citizens who are better equipped to bring about change.

I am excited to read the stories and perspectives from students, faculty, and alumni on the different ways they have contributed to their communities and how these actions have impacted the world beyond the campus. I am certain that their experiences will inspire other readers to take action and make a difference in their own capacity.

Thank you once again for highlighting this essential theme in your forthcoming issue. I look forward to reading it.

Best regards,

Vishal Hegde
Trustee, Nitte Education Trust & Pro-Chancellor (Administration), Nitte (Deemed to be University)
I am glad to note that NMAM Institute of Technology, Nitte is bringing out its college magazine Nidarshan ‘23 with the theme -The Power of Community Service: Impacting the world beyond campus.

A college magazine plays a crucial role in enriching the student community by providing a platform for students to express their thoughts, ideas and experiences. It can serve as a medium for sharing knowledge, insights, and inspiration, fostering a sense of unity among the students and promoting a culture of continuous learning.

The theme of this year’s college magazine is most appropriate as it resonates deeply with our vision of nurturing the students as socially responsible individuals who are committed to creating positive change in the community. Let the contents in Nidarshan ‘23 reaffirm our commitment to community service and seek out opportunities to engage with the world beyond our campus and use our skills and knowledge for the betterment of the society.

I appreciate the efforts of the entire editorial team for their time and talents invested in bringing out Nidarshan ‘23.

Wishing you all the very best in your future endeavors.

Best wishes

Prof. (Dr.) M S Moodithaya
Vice-Chancellor
Nitte (Deemed to be University)
I am happy to note that NMAMIT is bringing out its College Magazine ‘NIDARSHAN ’23’ for the year 2022-23 with the theme “The Power of Community Service: Impacting the World Beyond Campus”

As you all know, Nitte (Deemed to be University) has been at the forefront of value-based education since its inception. We believe in empowering our students to be creative, to think innovatively and to strive for excellence. In the same spirit, we are confident that NMAMIT will be at the forefront of a new era of Engineers across the world.

At Nitte, we believe in the power of knowledge and believe that the prospect of our students contributes greatly towards the holistic development of a country.

I strongly encourage the faculty and the team at Engineering College to continue providing quality education to its students and strive for excellence. May this edition of your college magazine serve as a testament to the impact we can make when we come together, and may it ignite a passion for community service within each one of us.

I wish all the students of NMAMIT a wonderful journey ahead. May they continue to excel in their education, embrace the values instilled in them and contribute positively to society through their skills and knowledge.

With regards

Prof. Dr. Satheesh Kumar Bhandary
Vice-President (ISR & CRL),
Nitte (Deemed to be University)
It is with great pleasure and pride that I extend my warmest greetings to all of you as you delve into the pages of this year’s College Magazine. The theme ‘The Power of Community Service’ is also apt as Engineering is for Humans and it inspires each one of us to offer what little we can to Society.

This magazine is a reflection of the vibrant and dynamic spirit that courses through our college community. It is a testament to the talent, creativity, and dedication of our students, faculty, and staff who have come together to share their insights, and achievements. I am confident that the articles and artistry within these pages will inspire and enlighten young minds.

I would like to congratulate the Editorial team behind this publication and all those who have contributed their time and talents to make this magazine a reality. Your hard work and passion shine through in every page.

May this magazine serve as a source of inspiration and pride for our college community and as a testament to the limitless potential that resides within each of us.

Regards

Prof (Dr.) Gopal Mugeraya
Vice President (Technical Education)
I am delighted to note that Nitte Mahalinga Adyantaya Memorial Institute of Technology is releasing the 2023 edition of the College Magazine ‘NIDARSHAN’.

The theme of the magazine, “The Power of Community Service: Impacting the World Beyond Campus” is aligned with Nitte (Deemed to be University)’s vision and is therefore very apt. The Magazine promises not only to be a vehicle for the expression of the literary and cultural talents of the students and faculty but will also showcase the contributions of the Nitte family towards development and well-being of the community.

I congratulate the Editorial Team for their efforts in putting this together!
It is with great pleasure that I write complementary message to this year’s Annual Magazine ‘Nidarshan’ which is in front of you. The theme this year, ‘The Power of Community Service: impacting the World beyond Campus’ has been rightly highlighted by the theme articles. My hearty congratulations to the entire Editorial Team for their constant work and the effort, in bringing out this magazine with memories of the events held in the college, reports of various departments and student clubs and so on.

Students’ involvement in Community Service Projects provide them a real exposure in understanding the problems faced by the society and suggesting some technological solutions after carefully going through the details. In line with the Institute’s vision statement, the students passing out from our college are given ample opportunities by way of societal internships, collaborating with NGOs, Government Organizations and regular interaction with the Community around. This magazine has given a platform for interested students to give their views on the important theme of the year book.

I wish a happy reading to you all.

Prof. (Dr.) Niranjan N. Chiplunkar
Principal / Editor-in-Chief
I am very happy to know that NMAM Institute of Technology, Nitte is bringing the yearly issue of our Institute magazine ‘NIDARSHAN ’23’ with a very relevant theme, "The Power of Community Service: Impacting the World Beyond Campus". For an Educational Institution, annual Magazine is one of the important activities and Medium to showcase the growth of the Institution year after year. The Annual Magazine not only gives a report of the college activities, but it is also a forum for the students and the staff to express their learning and exhibit their literary talents. The college magazine exemplifies the voyage transverse and exhibits the literary skills of our students as well as faculty members. Participation in such activity helps in developing writing skills among the students, teaching & non-teaching staff. I am sure ‘NIDARSHAN ’23’ will set another benchmark in thought provoking articles from staff and students.

I congratulate the staff and students who used different mediums of expression to present their ideas. The magazine will be an asset to all our students to enjoy the sweet memories of great events conducted and talents displayed by them during the year 2022-23.

I appreciate the efforts of the Editorial Team who have done an excellent job in compiling Institution activities for the entire year and disseminating them through this Magazine. I congratulate the Editor Dr. Shashirekha Rai and her team for their great effort in bringing out the magazine in a befitting fashion with quality contents.

Dr. I. R. Mithanthaya
Vice Principal & Dean (Academics)
I am happy to note that for this year the college magazine has the theme related to Community Service. Engineering colleges have three major roles to perform namely teaching, research and community service. The faculty of the institution have to involve themselves in the teaching-learning process, which is the prime mandate of the institution, followed by research to support the innovation ecosystem and finally help the society and public in general through service. Among these three components, community service has been increasingly emphasized by the regulating bodies, including the government as whatever we do as professionals has to make an impact on the society. This year’s theme for the college magazine is very apt and meaningful as it wants to highlight this often neglected aspect. I hope the magazine has attracted articles related to the theme and also other contributions from prospective contributors. I congratulate the editorial board for selecting the theme and hope this year’s college magazine will make more interesting reading for the readers. Let us as Engineers make meaningful contributions in our profession and make our own little impact on the surrounding community. All the best.

Dr. Shrinivasa Rao B. R.
Vice Principal & Controller of Examinations
Editorial Board

Sri. N V Hegde
Patron

Dr. Niranjan N Chiplunkar
Principal/Editor-in-Chief

Dr. Shashirekha B Rai
Editor

Dr. Joy Elvine Martis
Coordinator

Staff members
Dr. Saranya P
Mr. Melwin Rajesh Castelino
Mr. Devidas Bhat
Ms. Suneetha R Shetty

Student Members
Adithi P Acharya (AI&ML)  Prathamesh Shenoy (CC)  Himanshu Shetty (Mech)
Vasundhara N (BT)  Sonal Shashikanth (EC)  Shravan Rao (Mech)
Disha (Civil)  Nachiketh (EC)  Manasa (MCA)
Sujan Shetty (Civil)  Komal K Asnotikar (EE)  Devesh Hegde (First Year)
Anusha B (CS)  Aishwarya (IS)  Anjuman Nitte (IS)
Disha Shetty (CS)  

Magazine Committee
Educational institutions strive hard to create an ambience where students are fully trained not only to face the world around them but also think critically to take actions so as to bring positive changes in their communities. Community service during our college life allows us to explore our passions and interests. We get a deeper understanding of teamwork and cultural sensitivity. Connecting to the unconnected hearts is possible only through this powerful skill. Vision and Mission statements of our institution reflect about community development and social responsibility. Nerekare Kshema was one such project we had in this institution for a long time with the purpose of uplifting the life of Nitte village community. “Vasudhaiva Kutumbakam” promotes the idea of universal brotherhood and oneness of all mankind, which also reflects the community service globally. With this in mind, the Editorial team thought it right to have the theme “Power of Community Service: Impacting the World beyond Campus” for Nidarshan’23.

Taking on the role of Editor for College Year Book in the year 2016 was a moment filled with enthusiasm. In my journey as Editor, the Editorial Board has chosen some impactful themes like “Technology for Global Peace”, “Connected by the unconnected”, “Technology alternatives to mitigate Global warming and Climate change”, “Self Reliant India” etc. Overwhelming positive response from both students and staff in terms of contributed articles is a testament of involvement of our college community in discussions on these crucial issues that have significant impact on the world. In addition to theme articles, Year Book includes technical and general articles, poems and fine arts. It also serves as a comprehensive record of academic, co-curricular and extra-curricular activities that took place during the academic year 2022-23, giving readers a glimpse into the vibrant life of the institution. The alumni pages include activities of WENAMITAA.

I express my gratitude to Sri N. Vinaya Hegde, President of Nitte Education Trust & Chancellor of Nitte(Deemed to be University), who has provided unwavering support as the Patron of this Year Book. The Principal’s constant encouragement and support have been invaluable throughout my tenure as Editor, spanning from Nidarshan’17 to Nidarshan’23. The dedicated faculty and student members of the Editorial team have worked tirelessly to ensure the timely publication of this issue. Gratitude is extended to every one who has contributed directly or indirectly for the success of the Year Books all these years. Appreciation is also owed to M/S Color code, Mangalore, for their role in crafting this beautiful Year Book. Lastly, the Editorial Team extends their best wishes to the outgoing batch of students for their bright future.

Dr. Shashirekha B. Rai
Editor/ Professor, Dept. of Mathematics
It gives me an immense pleasure to place before you the annual report of the college for the academic year 2022-23. This is the first college day function after we were granted approval from UGC as an off-campus center Institute of Nitte Deemed to be University. Nitte Deemed to be University is a NAAC A+ grade University with 65th position in NIRF 2023 Ranking. Our first year B.Tech. students numbering 1088 and PG students numbering 150 have taken admission into NMAMIT under Nitte Deemed to be University during 2022-23 through NUCAT i.e., Nitte University Common Admission Test. Higher semester undergraduate and postgraduate students totally numbering about 3900 are studying at our Institute as part of Visvesvaraya Technological University i.e., VTU Belagavi. Right now, there are 11 branches of engineering in undergraduate B.Tech. program, 8 specializations in M. Tech. programs and a MCA program with a total student strength of 5139 students at the Institute.

Under VTU scheme, the academic year 2022-23 started on 8th August 2022 for 7th semester BE students, on 5th September 2022 for 5th semester BE students, on 10th October 2022 for 3rd semester BE, MTech and MCA students. Under Nitte University scheme, first year B. Tech. classes started on 16th August 2022 and first year MCA Post graduate classes started on 11th November 2022. The after effects of delay in start of classes due to pandemic in previous academic years thus has still some adverse effects on our academic calendar and not all the academic years of UG and PG could start together. This poses problems in terms of faculty workload distribution, scheduling of examinations, vacations etc. However, due to the excellent cooperation from our faculty and students we could manage all these very effectively without compromising on the quality of education. I thank all concerned for their wonderful support.

The academic year 2021-22 which ended in July 2022 had highest number of campus placement offers totalling up to 1276. We had 1088 students joining our first year BTech programs during the current academic year 2022-23 in the month of August 2022. This was also a record. One new B. Tech. program in Artificial Intelligence and Data Science and two new M.Tech. programs titled “Electric Vehicle Technology” and “Cyber Security” were started during the current academic year. All our eligible undergraduate programs have valid NBA accreditation status till June 2025. Now, the MCA program has applied for NBA accreditation. In the NIRF 2023 Institute ranking, NMAMIT was placed in the band of 101-150 at the National level. As there are about 3500+ Engineering Institutes in India offering various engineering courses and out of which at least 60 of them are IITs, NITs and IIITs, obtaining this ranking position was really a great achievement. However, we are now aiming to improve our position at the National Level.

In the current final year batch passing out in June 2023, we could place 1074 students in 207 Companies in the campus placements. Under the International placements, 26 Japanese companies recruited 31 students.

The Institute has started implementing New Education Policy guidelines from the previous academic year. All First-year students are undergoing Skill Development Laboratory sessions in 8 different labs in the college. These students are made to undergo internship activities in a group of 4 to 5 students under a faculty mentor. We are offering special credit-based electives on foreign languages, Yoga, Physical Education Principles, Indian Art and culture, Philosophy, Yakshagana etc.

The 4-day Techno Cultural Fest of our college ‘INCRIDEA’ was held successfully from 12th to 15th May 2022 where more than 1800 student from 60+ outside colleges participated in 50 different events along with 3800+ our own college students. This year, the 4-day ‘INCRIDEA’ the Intercollegiate Techno Cultural Fest held from 26th to 29th April 2023 set another bench mark with 4091 student registrations and Mr. Rakshit Shetty, our proud alumnus and noted Kannada film actor participated in the event and conversed with students about his journey at the Institute.

Robotics Club students won several prizes this year in various Intercollegiate Competitions at State and National level - 2nd place in Robowars at Engineer ‘22, a National level technical fest conducted by NITK, Surathkal; 1st place in line-follower robot at ‘Tathva’, a National level fest.
conducted by NIT, Calicut; 2nd runner up in Robowars and Robosumo event at ‘Technovanza’ conducted by VJTI, Mumbai. The college team participated in the National level Robowars event at BITS Pilani, Goa. The team has also participated in the International Robowars event held at IIT, Bombay.

It is a matter of pride that student members of Finite Loop coding club Mr. Nagaraj Pandith, Mr. Swasthik Shetty and Ms. Tanishika Rao won the First Prize in a National level Hackathon “HACKOVERFLOW 1.0” held at Pillai HOC College of Engineering & Technology, Navi Mumbai. More than 100 teams from various NITs, IITs and BITS participated in this competition. The team also participated in coding Hackathon at NITK.

Aeroclub students won II prize in Aero Design Challenge 2022, held at SRM Institute of Science and Technology, Chennai, between 1st to 3rd September 2022. Two teams of Aeroclub, with 6 parcitipants each participated in the event “Wright Flight”, during Engineer 2K2 at NITK, Surathkal, held between 23rd September and 24th September 2022. One of the teams won the second prize. They also won I and II prizes in Skydive competition at Sahyadri college of Engineering, Mangalore during 12th to 13th November, 2022. They won II prize in Boeing IIT National Aeromodelling Competition at IIT Bombay, held during 16th to 18th December 2022. They also won II prize in Boeing IIT National Aeromodelling Competition held at IIT Madras, held during 26th and 27th January 2023. They won I, II and III prizes during Boeing IIT National Aeromodelling Competition held at IIT Kanpur during 25th and 26th March 2023. With this, a total of 5 teams of our Aeroclub qualified for the final round of the same competition which was held on 29th April 2023 at RVCE, Bangalore. 12 teams from all over India had qualified for the final round. Our teams finally won II & III prize at the prestigious National level event. Aeroclub students also won II prize in Flightfury, organized by IIT, Roorke, held from 24th to 26th March 2023.

Shipwright Club won the second prize in the Ship Model Exhibition competition held at St. Aloysius College, Mangalore. One of our Naval NCC Cadet Mr. Rakshith S R was only one selected from Karnataka and Goa directorate and participated in month long (March 1st to April 7th) Overseas Ship Deployment Camp in 1 Training Squadron, Naval Cruise and visited countries like Mauritius, Madagascar and Seychelles.

Not only in cultural competitions, our students have participated and won several prizes in Literary and Technical competitions also. Notable one is in the literary fest ‘KALAM’ held at MIT, Manipal. The Department of Library and Information Centre conducted Library Awareness Week during October ’22 to January ’23. Winners of events were awarded cash prizes. The annual Blood Donation Camp was successfully conducted on 17th March 2023 under the Red Cross Club of the college collecting 364 units of blood.

In the year 2022-23, NMAMIT has secured 03 Championship, 06 Runner up and 07 First Runner up trophies in VTU State Level Sports and 10 team championship, 03 Runner up trophies and 02 First Runner up trophies in VTU Divisional sports. A total of 33 students have participated in All India and South Zone Inter University Competitions in various disciplines. NMAMIT has organized VTU State and Divisional level Inter Collegiate competitions cum selections in Handball, Badminton, Basketball, Hockey, Chess and Cricket and VTU Coaching camp in Chess & Athletics both for men and women (towards its participation of Inter University competitions) very successfully. The 37th Annual Sport Meet and Nitte Khelothsav 2023 Inter branch game competitions for the students and staff was organized.
Late Justice K S Hegde Memorial Cricket Tournament for different colleges under Nitte University was successfully conducted during 13th, 14th and 15th April.

For the first time representing the Nitte Deemed to be University team, 4 first year B.Tech. girl students participated in the South Zone Inter University Chess tournament held at REVA University, Bangalore. 2 first year boys participated in South Zone Inter University Basketball competition held at SRM University, Chennai.

Research and Consultancy are other important activities at the Institute. From April 2022 till March 2023, we had 224 Scopus/WoS Indexed papers published by our faculty members. The total number of Q1 and Q2 papers have increased this year compared to earlier years. We had 44 papers in Q1 journals and 37 in Q2. So far, six Indian and eight Australian Patents have been granted to the faculty members of our Institute. Apart from this, 41 patents have been published.

Faculty members have been applying for external funded projects and right now about Rs. 2 crore worth external funded projects are being executed in the college. During the calendar year 2022, 126 Workshops/Conferences/FDPs were organized by the college. Institute has 51 active MoUs with companies, Govt organizations, leading Research and Academic Institutes both National and International for faculty research, student projects, internships, and consultancy activities. 6 new MoUs were signed during this year for student internship, faculty research and projects with leading Industries and Institutes.

In the years to come, we wish to start more Interdisciplinary Courses, Twinning Programs with leading Universities abroad, strengthen our ties with the leading Universities in India, have improved Industry interactions and speed up Research and Consultancy activities to get better quality papers and increased research funding projects. Points mentioned in the National Education Policy like Academic Bank of Credits will be introduced. Efforts will be made to enhance the academic inputs to promote Multidisciplinary and Holistic Education.

I thank Sri N. V. Hegde, President, Nitte Education Trust and Chancellor, Nitte (Deemed to be University) for his continued support, guidance and encouragement. Thanks to all the Governing Council and Academic Council members, Heads of the various Departments, Teaching and Non-Teaching staff members and our disciplined students for all their help and cooperation.
ANNUAL DAY CELEBRATION 2023
26 April 2023

Dr. A V Ramana, Chairman, New Mangalore Port Authority, Panambur
Chief Guest

Sri N Vinaya Hegde, Chancellor, Nitte (Deemed to be University)
President

Dr. Niranjan N Chiplunkar, Principal
presented the Annual College Report. Academic Excellence and Sports Awards were distributed.

ACADEMIC EXCELLENCE AWARDS

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<th>Award</th>
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<tr>
<td>I year BE</td>
<td>Ananya Pai (CS)</td>
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<td>II year BE</td>
<td>Vidyesh Kumar (CS)</td>
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<td>III year BE</td>
<td>Spoorthi Raghavendra Upupa (CS)</td>
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<td>IV year BE</td>
<td>Maitili Rao B S (CS)</td>
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<td>I year MCA</td>
<td>C Swathi Kamath</td>
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<td>II year MCA</td>
<td>Riya R Sonal</td>
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<td>I year M. Tech. (Computer Science &amp; Engg)</td>
<td>Madhu S B</td>
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<td>I year M. Tech. (Structural Engg)</td>
<td>Sharanya R Bangera</td>
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<td>I year M. Tech. (Construction Technology)</td>
<td>Prasad Devadiga</td>
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<td>I year M. Tech. (VLSI Design &amp; Embedded Systems)</td>
<td>Sahana</td>
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<td>I year M. Tech. (Machine Design)</td>
<td>Niranjan Sharma K V</td>
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Late B S Jagannath Memorial Award
Best in VII Semester Exam (All Branches)

Chiraksha Shetty (CS)

Late Vijayaraghavan Memorial Award
Highest Scorer in VII Sem Mech

Moolya Abhishek Raghu

Late C L Kamath’s Memorial Award
Highest Scorer in VII Sem E&C

Meghana

Sri Venkateshwar Rao Scholarship Award
Highest Marks in I To VIII Sem Computer Science

Jenisha Viola Quadros

Late Herekal Gokuldas Prabhu Memorial Award
Highest in 2nd, 3rd Year & VII Semester in Electrical Engg.

S Mayur Kamath (III & IV) Chinmay K Rao (V & VI) Prajwal Upadhya (VII)

Highest - 2nd & 3rd Year Students (Udupi Dist.)
In Memory of Late Ashwin Shetty & Gautham Shetty

Nishmitha (AIIML), V & VI Sem - Dhanush Raj (CS)

Late B S Sethuram Iyengar Memorial Award
(Sponsored By Lt. Col. BSIK Murthy - In The Memory Of His Father)
Highest Scorer in VII Sem Civil Engg

Mahesh Salian

Lt. Col. BSIK Murthy, Former Principal, Awarded
Highest Scorer in Civil Engg (VI Sem CGPA)

Mohini H

Late Dr. B N S Murthy Memorial Award

Mr. Vinay S &
Mr. Venkatraghavan

Best Outgoing students

Dhanish S Suvarna (IS), Aadarsh (IS)

Bhagirathi-Madhavaraya Memorial Award
Instituted by Late Dr B S Samaga Highest Scorer in Mechanical Engg (VII Sem CGPA)

Shreyas Kumar (ME)

Late Dr. K M Hebbal Memorial Award
Highest Scorer in I & II Sem M. Tech. In CSE

Madhu S B

Cash Prize instituted by Sri N M Shetty, New Delhi
Toppers in Each Branch (CGPA - VII Sem)

Mohini H (CV), Shreyas Kumar (ME), Amin Sagar Bhoja (EE),
Sudheshna Rao (EC), Dhanush Raj (CS),
K Aniruddha Bhat (IS), Vaibhavi Shetty (BT)

Annual Fest ‘Incridea’ inaugurated by Dr. Pradeepa V Samaga, Academician, renowned Yakshagana artiste
on April 26. N Vinaya Hegde, Chancellor (Nitte Deemed to be University) presided.
Sanjeeth Shetty Leadership Fellowship

Vaihavi Shetty
Dept. of Biotechnology Engineering

Mohammed Zuheak
Dept. of Civil Engineering

Deekshitha Shetty
Dept. of Computer Science & Engineering

Sakshith Varambally
Dept. of Electronics & Communication Engineering

Jane Peter Lobo
Dept. of Electrical & Electronics Engineering

Jnana Aithal
Dept. of Information Science & Engineering

Sushma S. Nayak
Dept. of Mechanical Engineering

C. Swathi Kamath
Dept. of Master of Computer Applications

Best Overall Outstanding Student
Deekshitha Shetty (CS)
Dept. of Computer Science & Engineering
**GOLD MEDALISTS**

**Undergraduate**
- Anjali Rao Kalbavi (Biotechnology)
- Ashwin J (Civil)
- Jenisha Viola Quadros (Computer Science)
- Gagan P Pooyary (Electronics & Communication)
- Hegde Nikhil Suresh (Electrical & Electronics)
- Kanduri Sarveswara Rao (Information Science)
- Moolya Abhishek Raghu (Mechanical)

**Postgraduate**
- Nidhishree (Construction Technology)
- Manoj J D (Structural)
- Anup Shetty (Power Electronics)
- Mridula G (VLSI)
- Nishith J (Energy Systems)
- Jayakeerthi R (Machine Design)
- Vaishali (Computer Science)
- Riya R Sonal (MCA)
- Jovita Aranha (MCA)

**SILVER MEDALISTS**

**Undergraduate**
- Athira (Biotechnology)
- Shettigar Vijeta Gangadhar (Civil)
- Maithili Rao B S (Computer Science)
- Krithik Kamath K (Electronics & Communication)
- R Varshith Kumar (Electrical & Electronics)
- Niriksha A S (Information Science)
- Samith J Acharya (Mechanical)

**Postgraduate**
- Vaishnavi Nambiar (Construction Technology)
- Jahnnavi U Mulki (Structural)
- Srilekha N (Power Electronics)
- Rajeshwari Rai B (VLSI)
- Karthik G Shettigar (Energy Systems)
- Neeraj R H (Machine Design)
- Shweta S Kumar (Computer Science)
- Varun Kumar K (MCA)
- Chaithra V Salian (MCA)

“Remember your parents, teachers and friends who have helped you to reach your goal. . . . . . strive for advancement in the field of technology.” - Dr. Omid Ansary, Senior Associate Dean & Professor, Academic Affairs & Administration, Pennsylvania State University, Harrisburg, USA was the Chief guest.

Prof. (Dr) Satheesh Kumar Bhandary, Vice Chancellor, Nitte Deemed to be University, presided over the function and explained the importance of education to the young generation and how students should be open to different challenges that they keep facing in their personal and professional careers.
International Conference on Emerging Trends in Engineering (ICETE 2022) was organized by NMAM Institute of Technology, Nitte on 22nd & 23rd December 2022.

This multiconference platform housing seven themes namely: International Conference on “Nurturing Innovative Technological Trends in Engineering BIOscience” (Nitte-Bio 2022); International Conference on “Smart Trends and Sustainable Developments in Materials, Manufacturing and Energy Engineering” (SME 2022); International Conference on “Artificial Intelligence and Data Engineering” (AIDE 2022); International Conference on “VLSI, Signal Processing, Power Electronics, IoT, Communication & Embedded Systems” (VSPICE 2022); International Conference on “Civil Engineering Trends and Challenges for Sustainability” (CTCS 2022); International Conference on “Advances in Renewable Energy and Electric Vehicles” (AREEV 2022); and, International Conference on “Materials Science and Mathematics for Advanced Technology” (MSMAT-2022) provided a platform for Post-Graduate students, research scholars of Engineering & Technology, and industry professionals to deliberate, explore and contribute their research findings and to discuss the latest developments in the field of Engineering & Technology.

Dr. D. Nagesh Kumar, Professor, Department of Civil Engineering, Indian Institute of Science, Bangalore; Dr. M. Murugappan, Professor, Department of Electronics and Communication Engineering, Kuwait College of Science and Technology, Kuwait; Dr. B K Murthy, CEO, Innovation and Technology Foundation, IIT, Bilhao; Dr. Prasanna Kumar S, Associate Professor JSS Academy of Higher Education and Research, Sri Shivarathreeshwara Nagar, Mysore; Dr. Puneeth Tandon, Professor, Dept. of Mech. Engg. IIITDM, Jabalpur, MP; and, Dr. Harish C. Barshilia, Chief Scientist and Head of Surface Engineering Division, CSIR – National Aerospace Laboratories (NAL), Bangalore were the guests of honour during the inaugural program. Dr. Satheesh Kumar Bhandary, Vice Chancellor of NITTE (DU) presided over the function. Following the inaugural session, technical sessions comprising invited lectures and oral presentation by the conference delegates were held by individual conference organizers. Distinguished scientists, senior professors, and industrialists from India and abroad delivered invited lectures/keynote addresses at seven different conferences on the themes of the respective conference. A local site-seeing and banquet dinner was also organized for the guests on behalf of this international conference. Dr. Niranjan N Chiplunkar, Principal, NMAMIT welcomed the gathering. Dr. Sudesh Bekal, Dean R&D and Conference Coordinator briefed about the conference. Dr. Sriram Marathe, Organising Secretary of ICETE 2022 delivered the vote of thanks.
Japanese Consulate inaugurates Nitte Japanese Techno Cultural Center at NMAMIT

Mr. Tsutomu Nakane, Consul-General, Japan Embassy Bengaluru visited the Off-Campus Centre of Nitte (Deemed to be University) on Thursday, the 2nd of March 2023 and inaugurated the Nitte Japanese Techno-Cultural Center. Sri. N. Vinaya Hegde, Chancellor, Nitte (Deemed to be University) presided over the function. Dr. Shantharam Shetty, Pro-Chancellor; Dr. Satheesh Kumar Bhandary, Vice-Chancellor; Dr. M.S. Moodithaya, Pro Vice-Chancellor; Dr. Harsha Halahalli, Registrar; Dr. Niranjan Chiplunkar, Principal; Prof. Harikrishna Bhat, Director, International Collaborations and Mr. Cutinha Dolwin, Advisor, Consulate-General of Japan in Bengaluru were present during the occasion.

Teaching Japanese Language and Culture to students is the objective of this Centre. Nitte has been working with Japanese Companies on Collaborative Research, Student and Faculty Exchange programmes with Japanese Universities and the Establishment of Centres of Excellence for Japanese Companies in the campus. The establishment of the Nitte Japanese Techno-Cultural Centre is aimed at strengthening the association between the Japanese Industry and Academia.

Cultural performances depicting Tulu Culture were performed by the students of NMAMIT.

Delegates from Toyota

A delegation from Toyota Tsusho Systems visited NMAMIT, Nitte, on 8th November 2022 to discuss IoT Mobility (Connected Technology), Cyber Security and hiring IT students.

The delegation included Mr. Shinya Tamaoka, Managing Director, Toyota Tsusho Systems India Pvt Ltd, Mr. Yosuke Toyama, Toyota Tsusho Systems US Inc., Mr. Takahiro Aoyama, Toyota Tsusho Systems US Inc., Mr. Siddeshwara Rao, General Manager, Mr. Phaniraj, General Manager, Mr. Harish, Human Resources, Mr. Mithun, Deputy General Manager of Toyota Tsusho Systems India Pvt Ltd.

Inauguration of NIDEC-Read Corporation Center of Excellence

A Centre of Excellence in collaboration with the prestigious NIDEC-Read Corporation, Japan was established at NMAMIT and inaugurated on 18th October 2022 by Sri. Hidekazu Yamazaki, President & CEO, NIDEC Read Corporation, Japan in the presence of Sri. N.V. Hegde, Chancellor, Nitte Deemed to be University. Sri. Hidekazu
Yamazaki, in his inaugural address, said that the new Centre of Excellence would work towards collaborative research, internship, training and placements of Nitte students.

Sri. Takashi Miki, Vice-President, Sri. Tadakazu Miyatake, Manager, Sri. Katsumi Kasano, Human Resources Group Leader of NIDEC-Read Corporation were the chief guests for the program.

Prof. Dr. Shantharam Shetty and Sri. Vishal Hegde, Pro-Chancellors of Nitte DU, Dr. Satheesh Kumar Bhandary, Vice-Chancellor and Dr. M.S. Moodithaya, Pro Vice-Chancellor were the guests of honour.

It may be recalled here that NIDEC- Read Corporation is a comprehensive manufacturer of measuring and inspection equipment with a global presence, with its headquarters in Kyoto, Japan. It has also been providing internships and placements to the students of NMAMIT, Nitte since 2020.

The visit was coordinated by Prof. Harikrishna Bhat, Director, International Collaborations, Nitte DU and Ms. Yasuko Sato, Executive Asst., Japan Collaborations, Nitte DU.

Dr. Niranjan Chiplunkar, Principal, NMAMIT welcomed the gathering and gave a brief introduction of the institute to the Nidec Team. Dr. Harsha Halahalli, Registrar, Nitte DU explained the journey and growth of Nitte (Deemed to be University) over the years.

**Interaction with Japanese companies**

An interaction between the placement team of NMAMIT and delegates from Japan’s leading companies was held at Rambhavan Complex, Mangalore on 14th February 2023. Mr. Takahashi Nobuharu - Head of the Digital Promotion Division, Belc, Japan, Mr. Nakada Yoshiaki - SE of Digital Promotion Division, Mr. Hoshida Akira from Belc, Mr. Miyazaki Jun- Principal of Meikei High School, Mr. Shah Bhavik Kumar Rajnikant -CEO of VeBuln, Mr. Kawasaki Junpei- CMO of VeBuln, Ms. Takashima Hiyori - Head of Placements, Zenken, and Mr. Abhishek S N - Business Operations Lead, Zenken were present during the meeting. The meet was conducted to discuss the international placement opportunities for students, internship opportunities, and collaboration in skill training required for placements in Japanese Companies and setting up of a Centre of Excellence at the NMAMIT campus. Dr. Niranjan N Chiplunkar, Principal, Mr. Bharath G Kumar- HoD, Training & Placements, Shri. Haririkrishna Bhat, Director, International Collaborations, and Mrs. Yasuko Sato, Executive Assistant & Japanese Language Instructor represented NMAMIT. Two students placed in Belc Co. - Mr Shmanth Satish Naik - Final year ISE and Mr Prayag Sharma Mokirala of Final year CSE were also welcomed to Belc Co. by the company representatives.

**MOUs**

**MoU with M/s Autoven Pvt. Ltd.**

The Department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte had initially signed an MoU (Memorandum of Understanding) with M/s Autoven Pvt. Ltd. on October 25, 2021. M/s Autoven Pvt. Ltd. is a pioneer in the field of Electric Vehicle systems, BMS, IoT and AI solutions. During the last one-year, Department of Electrical and Electronics Engineering has designed and developed a few components of Electric Vehicle such as Battery emulator system, Design and development of BMS hardware required for the company. So, Autoven and NMAMIT decided to continue to collaborate for another year which resulted in the renewal of MoU. The renewal was done through an online platform on November 24, 2022. Dr. Suryanarayana K, Professor and Head, Department of Electrical and Electronics Engineering welcomed the participants and introduced Mr. Vinay Gunasekaran, Director, Autoven Pvt. Ltd. Later Mr. Vinay Gunasekaran shared the journey in developing the BMS system and achieving milestones of the projects with the aid of the Department of Electrical and Electronics Engineering.

In the process, Mr. Vinay Gunasekaran announced that he was ready to offer internships and jobs to the deserving students. Dr. Niranjan N Chiplunkar, Principal, NMAMIT, Nitte, thanked Mr. Vinay Gunasekaran for providing an opportunity to work with his company. He suggested involving more faculty members and students in the days to come to get exposure on the latest trends in the industry. Dr. Suryanarayana K, concluded the meeting by proposing the vote of thanks to all the participants.
MoU with MResult Service Pvt Ltd

NMAMIT is happy to announce that the Principal of NMAM Institute of Technology Nitte, Dr. Niranjan N Chiplunkar, and Mohan Naik, President, MResult Services Pvt. Ltd. Mangaluru has signed and exchanged an MoU on 09th December 2022. Padmashree Alva, Director, Talent & Initiatives at MResult Services Pvt. Ltd, Vice Principal & CoE Dr. Srinivasa Rao B R, Program Coordinator Asst. Prof. Balaji N and other department heads were present during the program.

MoU with L&T Technology service, Bengaluru

Dr. Niranjan N Chiplunkar, Principal, NMAM Institute of Technology, Nitte and Mr. Vasu M, Senior Technical Architect, L&T Technology Services, Bangalore signed and exchanged an MoU on 20th December 2022. NMAMIT’s faculty will now be able to collaborate with LTTS and gain knowledge in Electric Vehicle Technology. It enables the Dept. of Electrical & Electronics Engineering to take up technology projects in the relevant field, besides providing opportunities for EEE students to pursue internships.

Dr. Nagesh Prabhu, Director-Curriculum Development, Nitte DU, Dr. Suryanarayana K, Professor & HoD EEE, Ms. Spoorthi Shetty, Program Manager, LTTS and the faculty members of the department of EEE were present during the program. Dr. Suryanarayana K welcomed and introduced the LTTS delegates to the gathering. Dr. Nagesh Prabhu highlighted the events that led to the signing of the MoU. Mr. Vasu M expressed happiness in signing the MoU with NMAMIT and stressed its benefits. Dr. Chiplunkar thanked LTTS for the collaboration and expressed his confidence that the faculty members of the department of EEE, along with the active support of students, would take the MoU to the next level. Dr. Suryanarayana K concluded the meeting by proposing the vote of thanks.

MoUs WITH CMTI, BENGALURU

NMAM Institute of Technology, Nitte, an Off-campus Centre of Nitte University signed 2 MoUs with Central Manufacturing Technology Institute (CMTI), Bengaluru, an autonomous R&D Institute under Ministry of Heavy Industries, Govt of India on 4th March 2023. While one MoU was for collaborative research, applying for joint funding, upgrading research potential, industry focused curriculum etc. the other was for faculty development programs in niche areas, internships, industrial projects, joint workshops & visiting faculty / scientists. Dr. Nagahanumaiah, Director, CMTI and Shri Krishna Rathod, Centre Head - Project Planning & Business Development represented CMTI and Dr. Niranjan N Chiplunkar, Principal represented NMAMIT, Nitte.

MoU with Manipal School of Information Sciences (MSIS)

A Memorandum of Understanding (MoU) was signed with Manipal School of Information Sciences, Manipal on 23rd March 2023 at NMAMIT, Nitte. Dr. Roopa B Hegde, Dept. of ECE introduced the delegates from MSIS, Manipal and also introduced the NMAMIT officials to the MSIS team. Dr. Keerthana Prasad gave an insight into the possible outcomes of the MoU. As the linkage was mainly on academic collaborations, a briefing session to the students of the various departments was presented by Dr. Keerthana. The possible avenues through this MoU were also discussed during this session. Dr. Keerthana Prasad gave an overview of MSIS, Manipal to the students. The Dept. of E&C Engg., NMAMIT hosted the event.

INDUSTRY-ACADEMIA CONCLAVE-2022

NMAM Institute of Technology, Nitte organized Industry-Academia Conclave 2022 (IAC-2022) on 20th and 21st December 2022 for students and faculty members to sense
the current industry requirements and to bridge the gap between industry and academia. The event served as a forum where experts from both Industry and Academia discussed and addressed important industrial and societal concerns to galvanize action toward forging successful partnerships that would prove mutually beneficial. Dr. Nagahanumaiah, Director, Central Manufacturing Technology Institute, Bengaluru inaugurated the event on 20th December 2022. In his keynote address, he highlighted the importance of collaborations between industry and academia in dealing with societal problems. He also called on the youngsters to contribute to the success of Athmanirbhar Bharath. Dr. M. S. Moodithaya, Pro-Vice Chancellor, Nitte (Deemed to be University), in his presidential remarks, appreciated the efforts of the organizing team in organizing such events. He urged the institute to invite industries to demonstrate products during the upcoming editions of the conclave. Dr. Niranjan N. Chiplunkar, Principal, NMAMIT, Nitte welcomed the gathering. Dr. A. N. Parameswaran, General Chair, IAC 2022 gave an insight into the event and highlighted the importance of such events. Dr. K. S. Shivaprakasha, Organizing Chair of IAC introduced the chief guest. Dr. Rashmi Shetty, Organizing Secretary rendered the vote of thanks.

Inauguration of IEEE PES Student Branch

The inaugural ceremony of IEEE Power & Energy Society Student Branch Chapter was organized by the Department of Electrical and Electronics Engineering in association with IEEE Power & Energy Society, Bangalore Chapter, and IEEE Bangalore section on 23rd April 2022. Sri Narasimha Pandit, Superintendent Engineer, MESCOM, Udupi was the chief guest and Mr. Rajashekar S, Chair, IEEE PES Bangalore Chapter was the guest of honor. Dr. Niranjan Chiplunkar, Principal presided over the function. Mr. Rajashekar spoke on the necessity of becoming a member of IEEE which is a platform for the professional growth of every Engineer. Dr. Narendra Nathana Udupa.

Lecture by ISRO Scientists on ‘Advancement in Space Technology and its Applications’

A special guest lecture on the topic ‘Advancement in Space Technology and its Applications’ was organized by NMAM Institute of Technology in association with Bellare GIS India Private Limited and NITK Science & Technology Entrepreneurs’ Park (NITK-STEP) on 2nd July 2022. The talk was intended to provide information on space technology and its applications in Geographic Information System (GIS), a computer system that analyzes and displays geographically referenced information. Dr. Murthy Remilla, Head, Project Management, Human Space flight group, ISRO Bengaluru and Dr. J. Krishna Kishore, Scientist G, ISRO Bengaluru were the resource persons for the program. Dr. Naveen Chandra Bellare, CEO, Bellare GIS India Pvt Ltd. was present during the program.

Technical Talk on ‘Introduction to Data Science & analytics’

Data Science Trainer and Corporate Consultant Dr. S. Suresh Kumar, CTO, Brain Tower, Oman delivered a talk on ‘Introduction to Data Science and Analytics’ in August 2022. The talk was exclusively organized for the 2022 batch of B. Tech students of AIML, CCE, and AIDS branches.

Technical talk on ‘Unraveling the Cell Migration using Structural Biology’

The Department of Biotechnology Engineering organized a technical talk on ‘Unraveling the Cell Migration using Structural Biology’ on 17th August 2022. Dr. Kiran A Kulkarni, Biochemical Science Division, CSIR-National Chemical Laboratory, Pune, was the resource person and addressed the students on the importance of structural biology, recent advancements in structural biology, internship & job opportunities for students.
Expert talk on ‘India - Japan Academic Cohesive Programs and Opportunities’

The Department of Biotechnology Engineering in association with Phoenix (Students’ Association of Biotechnology) organized an Expert talk on ‘India - Japan Academic Cohesive Programs and Opportunities’ by Prof. Harishkumar Madhyastha, Faculty of Medicine, Miyazaki University, Japan on 17th September 2022. Prof. Madhyastha provided details on different academic opportunities available in Japan for Indian graduates. Students and faculty members of the Department of Biotechnology attended the event and had a fruitful discussion with him.

Agnipath Daud

A two-day, 75km marathon ‘Agnipath Daud’ organized by Udupi district administration and Team Nation First, as a prelude to the silver jubilee of the formation of Udupi district. The Agnipath Daud arrived at NMAM Institute of Technology, Nitte on 24th August 2022.

Sri N Vinaya Hegde, Chancellor, Nitte (Deemed to be University) and President, Nitte Education Trust along with Sri. V Sunil Kumar, Minister for Power and Kannada Culture, Govt. of Karnataka, Kurma Rao M, IAS, Deputy Commissioner & District Magistrate, Hakay Akshay Machhindra, IPS, Sri Raghupathi Bhat, Udupi MLA, Dr. Niranjan Chiplunkar, Principal NMAMIT, Sri A Yogeesh Hegde, Director, Nitte Campus Maintenance & Development, students and staff of Nitte Off Campus Centre welcomed the participants.

Inauguration of NEEU & FDP on ‘Role of OBE in Technical Institutions’

Nitte Engineering Education Unit (NEEU) was inaugurated at NMAM Institute of Technology on 14th November 2022 by Dr. Bhallamudi Ravi, Institute Chair Professor, IIT Bombay in the presence of Prof. Dr. Satheesh Kumar Bhandary, Vice Chancellor, Nitte DU, Prof. Dr. M S Moodithaya, Pro-Vice Chancellor Nitte DU. A two-day FDP on ‘Role of Outcome-based Education in Technical Institutions’ organized by NEEU was also inaugurated during the event.

Dr. Bhallamudi Ravi shared his views on faculty development and how this program will provide special benefits to faculty members. Vice Chancellor Prof. Dr. Satheesh Kumar Bhandary in his presidential remarks insisted on the need and the importance of the Nitte Engineering Education Unit. Dr. Niranjan N Chiplunkar welcomed the gathering and highlighted the importance and objectives of organizing faculty development programs. Dr. A N Parameswaran briefed about Nitte Engineering Education Unit. Prof. Dr. M S Moodithaya congratulated the team for organizing such a knowledgeable event. Dr. Nagesh Prabhu, Director of Curriculum Development, Nitte DU proposed the vote of thanks.

The afternoon session was handled by Dr. G Janardhanan, Professor, Dept of Civil and Environmental Engineering, NITTTR Chennai on how to effectively implement Outcome-based education in accordance with NEP 2020. Dr. James E Samuel, Professor, VIT, Vellore explained Design thinking and innovation in the curriculum in the context of NEP 2020. Dr. Srinivasa Pai P, Prof & Head, Dept of Mechanical Engineering, NMAMIT briefed on Outcome-based education as a means for implementing NEP 2020. Dr. Puneet Tandon, Prof, IITDM, Jabalpur handled a session on the effective use of technology in education delivery in light of NEP 2020. He discussed how information and communication technology tools can be effectively deployed in the teaching-learning process.

Lecture series by Dr. M S Ananth

All India Council for Technical Education (AICTE) had sanctioned the Distinguished Chair Professor (DCP) Scheme to NMAM Institute of Technology, Nitte, and assigned Dr. M.S. Ananth, Former Director IIT Madras as Distinguished Chair Professor. The Internal Quality Assurance Cell (IQAC)
of NMAMIT organized a lecture series on the 11th & 12th of October 2022 where Dr. Ananth delivered lectures on ‘The idea of a University, ‘The demands of a Knowledge Economy, ‘Governance of a University, and ‘Ethics in a University. The lecture series conveyed a detailed understanding of the comprehensive and organized scheme of the University’s body, structure, and concepts. It imparted knowledge to adapt to the demands of the constantly changing global markets. The lecture series also provided detailed insights into the university’s governance and policy making.

**FDP on Data Science - Industry and Academia Perspectives**

A 5-day Faculty Development Program (FDP) on Data Science - Industry & Academia Perspectives was organized by the Dept. of Artificial Intelligence & Data Science in association with the Internal Quality Assurance Cell & Nitte Engineering Education Unit from 13th to 17th March 2023, with technical assistance from WIPFLI India. NMAMIT has academic collaboration with WIPFLI India for curriculum development, internships and placements. The FDP was inaugurated by Mr. Murali Iyer, Former Partner, WIPFLI USA. Mr. Iyer highlighted the importance of data and the need to analyze the data from the industrial perspective. He emphasized the importance of learning data science as engineering curriculum and enlightened the participants with his knowledge of working on projects related to data science & data analytics. Guest of Honour Mr. Sumanth Padival, Director & Head of India Operations, WIPFLI Bengaluru highlighted the need for real-time projects to understand the fundamental concepts. The resource persons were included Mr. Pranesh, Senior Consultant; Er. Santosh Shet; Mr. Praveen Subu, Consultant; Mr. Nabarun Chakravarthy, Architect-UX & Mr. Chethan Pagaria, Consultant from WIPFLI; Mr. Shailesh, Data Scientist from Encora Innovation Labs and Dr. Anisha PR; Dr. Roshan Fernandes & Dr. Venugopala PS from NMAMIT, Nitte.

**Intel AI Bootcamp**

To empower the future workforce and create new job opportunities, a 5 - day workshop, ‘Intel AI for Future Workforce,’ AI Bootcamp for students, was organized at NMAMIT from 20th to 24th March 2023. Ms. Poonimna Agarwal, Head of Intel AI for Future Workforce initiative and Mr. Sarthak Sahu were the key persons of the event held in the campus. This initiative of Intel aims at training 30 million students by the end of 2030. Dr. Sharada U Shenoy, Head, Dept. of AI&ML coordinated the program.

**Shri. Sunil Kumar visits Udupi District Bioenergy Research, Information and Demonstration Centre**

Shri. V Sunil Kumar, Minister for Power and Kannada & Culture, Govt. of Karnataka and Kurma Rao M, IAS, Deputy Commissioner and District Magistrate visited the newly renovated Udupi District Bioenergy Research, Information and Demonstration Centre at NMAMIT Campus, Nitte on 3rd March 2023. Principal Dr. Niranjan N Chiplunkar, Shri. Yogeesh Hegde, Director, Campus Maintenance & Development, Dr. Ujwal P, Professor & Head, Dept of Biotechnology were present during the program. Dr. Santhosh Poojary, Assistant Professor and Scientific Assistant, Biofuel Centre spoke about the technologies developed at the Centre and submitted a project proposal on Biogas to Electricity Generation.
Recognition from EPFO Regional Office, Udupi

NMAM Institute of Technology, Nitte has been recognized by the Employees Provident Fund Organization’s Regional Office at Udupi for Best performance and practices implemented in complying with the provisions of EPFO under the category of large establishments.

The certificate of appreciation was handed over to Dr. Shrinivasa Rao B.R, Vice Principal & Controller of Examinations, NMAMIT by Shri. Hakay Akshay Machhindra, IPS, Superintendent of Police, Udupi during the celebration of the 70th Foundation Day of EPFO on 2nd November 2022 at Kediyoor Hotel, Udupi.

Cadet Capt. Anjan M, PO Cadet Shabari and L. Cadet Rakshith S R of 6 (Kar) NCC Naval Subunit have been selected to represent Karnataka and Goa Contingent at the ALL-INDIA NAUSAINIK CAMP 2022 to be held at Visakhapatnam, from 2nd to 12th October 2022.

Final year students PO Cdt Shabari, E&C Engineering and L. Cdt. Rakshith S R, Civil Engineering of 6(Kar) Naval Subunit won the Gold medal in the Ship Modelling Competition at the All India Nau Sainik Camp 2022 held at Visakhapatnam. They also received the Deputy Director General Commendation Medal from DDG, Kar & Goa Directorate for Ship modelling.

Cdt. Rakshith S R Final Year Civil Engineering has been selected for Overseas Deployment in 1 Training Squadron Naval Cruise from 1st March to 7th April 2023 to Mauritius, Madagascar, Mozambique, and Seychelles. He is the only cadet representing Karnataka and Goa Directorate and among the 10 cadets selected at the All-India level.

NCC

PO Cadet Athul M Bhat of 6 (Kar) Naval Subunit NCC represented Karnataka & Goa NCC Directorate in the All-India Ship Attachment Camp 2022 held in Cochin on board INS Magar from 3rd to 13th July 2022.

Cdt. Saanya D Shetty of NMAMIT Naval Subunit has successfully completed Pre-All India Yachting Regatta Camp 2022 (AIYR-2022) at Chitradurga under 3 (Kar) Naval Unit NCC, Mysore.

AERO CLUB

IIT ROORKEE hosted FLIGHTFURY and AEROHELIX competition on March 24th and 25th in which our team won 2nd place in the FLIGHTFURY-RC PLANE competition. The team had Rathan Raj as the pilot, Manoj as the co-pilot, Shrvaya and Sanjana as the other members of the team.
On March 25th, 2023, the Aerohelix Drone Competition was held. The team included Chinmaya Shyamaraj as the pilot, Padmashree P V as the co-pilot, Aditi Acharya, Nishmitha and Pratheeksha as the rest of the team from Aeroclub Nitte.

Boeing - IIT National Aeromodelling Competition for students in India was sponsored by Boeing, and in collaboration with IIT Bombay, IIT Kanpur, IIT Kharagpur, IIT Madras and RVCE. The competition was conducted on 29th April 2023. Five teams from Aeroclub Nitte had participated and bagged both 2nd and 3rd place.

TEAM 1 of Aero Club secured 2nd place. This team included four members, Aman Kumar Srivastav as the pilot, Gagan G Nayak as the co-pilot, Sharanya Acharya as the captain and Nishmitha as the other team member.

TEAM 2 of Aero Club secured 3rd place. This team included Rathan Raj as the pilot, Divyamshu Y N as the captain & co-pilot, Nancy Parmar, and Anantha Krishna as the other team members.

Two teams from Aeroclub Nitte emerged as winners and runners up respectively in the ‘Skydive Aerophilia 2022,’ held at Sahyadri College of Engineering and Management on the 12th & 13th November 2022.

Aero Club bags two prizes

The Aero Club of NMAMIT won second and third place in the Wright Flight competition held at NITK Surathkal on 23rd September 2022. Two teams of the club represented NMAMIT in the event.
AeroClub Nitte bagged All India Rank ‘2’ under Micro class Category in SAE AeroDesign Challenge, 2022 held between 1st and 3rd September 2022 at SRM Institute of Science and Technology, Chennai.

The team consisted of Ms. Deeksha as the team captain and wing designer, Mr. Aman Kumar Srivastav as the wing structural designer, aerodynamic analyst and co-pilot, Mr. Deekshith Prabhu as Pilot and Propulsion system designer, Ms. Bhat Aditi Dinamani as the Wing Designer, Ms. K Nishmitha Pai as fuselage and aircraft designer, Ms. Pai Suchitra Maroor as the Structural Analyst and Empennage designer and Mr. Rathan Raj K as the Structural Analyst. Dr. Gururaj Upadhyaya, Associate Professor, Dept. of Mechanical Engineering, NMAMIT was the technical co-ordinator and pillar of support for the team. Mr. Ananth Erasappa (UAV Operator United Nations/ Tata Defence and Aerospace / Skylark Drones), Mr. Karthik Badanidiyoor (UAV Operator - United Nations Peacekeeping / Operations officer - Infinity Drones), Ms. Sushmita S Shetty (Technical support engineer at VMware) and Mr. Ankith Bhandary (Software Developer-1 at Oracle), were the mentors of Team AeroClub Nitte.

Ms. Bhavana receives K S Nisar Ahmed Award

Ms. Bhavana C V, Third Year Civil has been awarded the K.S. Nisar Ahmed Award, given in the name of the renowned poet and Kannada writer K.S. Nisar Ahmed of Nityotsava fame for securing 98 out of 100 in Kannada in the Karnataka Pre-University Examination, 2020. She was presented the award in a program organised by the Janmabhoomi Cultural Citizens’ Forum (Reg) Bengaluru.

Ms. Sharanya K N and Mr. Rohith Kamath of Stereo Club, NMAMIT were selected for Kanaka Puraskara at the ‘Kanaka Keerthana Gangothri’ program organised by Kanakadasa Research Centre, Mangalore University. The award was presented on March 3rd, 2023 during the Kanaka Smrithi program.

YAKSHAGANA

Kalaasangama, Yakshagana Club, NMAMIT won First prize in the Overall Team Category at Yakshotsava 2023 held at SDM Law College, Mangalore on 10th and 11th March 2023.

Tatlasambrama held at Adyar Garden, Mangalore on 27th and 28th May 2023.

Bhramari Yakshajhenkara held at SDPT Degree College, Kateel on 30th and 31st May 2023.
NMAMIT bags championship of HackOverflow 1.0

Team T3 TRIBE comprising Swasthik Shetty, Nagaraj Pandith, and Tanishka Rao of 3rd Year Computer Science & Engineering are the winners at the HackOverflow 1.0 National Level Hackathon organized by the Department of Computer Engineering at PHCET, Navi Mumbai during 16th and 18th March 2023.

NMAMIT wins fourth best research work award in i2-Academia Pavilion, IMTEX Tooltech-2023

Indian Machine Tool Manufacturers’ Association (IMTMA) organized an International Machine Tool Exhibition-2023 (IMTEX-2023) at Bangalore International Exhibition Center (BIEC), from 19th to 25th January 2023. As part of the IMTEX Exhibition, IMTMA organized the “i2 Industry-Academia Pavilion” to promote Industry-Academia collaboration and provide an opportunity to showcase the research capabilities in manufacturing and automation. IMTMA shortlisted 22 institutions from all over the country to present their research work at IMTEX-2023 in the form of a poster.

NMAMIT Nitte team led by Dr. Muralidhara, Prof. & Head, Robotics & Artificial Intelligence presented a poster entitled “Design and development of a low-cost 4-axis CNC machine for artwork machining” at the i2 Academia Pavilion. The posters presented by the institutions were initially evaluated by three industry experts and 10 best projects were shortlisted. The shortlisted institutions were thereafter asked to present their research projects orally to the jury members and delegates. Three jury members selected five best projects after the oral presentation. NMAMIT Nitte won the fourth place.

National Business Quiz ‘SPARDHA 2022’

Shrikrishna and Swasthika, Final Year IS won the National Business Quiz ‘SPARDHA 2022’ organised by Vaikunth Mehta National Institute of Cooperative Management (VAMNICOM), Pune on 8th April 2022.

Swasthika also won the Third prize in “Screening of Minds - Chathurya” solo event.

First place in National level Quiz

Mr. Naresh Gummani, MBA and Mr. Shrikrishna, BE (ISE) secured the First place in the South India Regional Round of the Nationwide Financial Markets Quiz conducted by the Securities and Exchange Board of India and the National Institute of Securities Markets. This was conducted as part of Azadi ka Amrit Mahotsav and was held in the NISM Campus, Navi Mumbai. The winning team received a cash prize of Rs.50,000 and a Trophy.

Student project secures 2nd Place in FPSI Award

The team of Final Year Students - Ashith Prajwal, Agasthya Gangadhar, Bharat V Naik and Anantha Narayana M carried out a project on ‘Manual Thermoformer Machine’ which secured second prize at the recently concluded Fluid Power Challenge 2022 named as M. S. Yoganarasimha Prize for Innovation in Design 2022. The project was guided by Prof. (Dr.) Shashikantha Karinka, Dept. of Mechanical Engineering. The Team received a cash award of Rs.5,000/- and the Winner’s Certificate.
Participation in Smart India Hackathon - 2022

The Grand Finale of Smart India Hackathon 2022, an initiative by the Ministry of Education, GoI, was held on 25th and 26th of August 2022 at the nodal center ACS College of Engineering, Bengaluru. A team of six students, Edric D’Silva, Prateek Pai, Om Rohith, Vibha K P, Prahalya Mathais and Nishmitha Shettigar, from Dept. of Computer Science and Engineering were selected to participate in the program. Dr. Venugopala P. S., Professor, Dept of Computer Science and Dr. Ashwini B., Associate Professor, Dept of Information Science were the mentors for the project work.

INTERNSHIPS

Vaibhavi, BT was selected for an international research internship at McGill University, Montréal, Canada under Globalink Research Internship funded by Mitacs from 8th July 2022 to 10th October 2022.

Reesha, Final Year Mechanical Engg. was selected for an international research internship at Ecole Polytechnique Montreal, Canada.

Vaishnavi and Utkarsh, both Third Year IS were selected for a virtual internship on Data Visualization and Cyber Security respectively sponsored by the Illinois Institute of Technology Chicago.

Robotics Club Nitte bags first place in ‘Srishti Innovation Exchange’

Anush, Chaitanya, Praneetha and Jessica, students of Robotics Club, Nitte presented an idea titled ‘Autonomous car demonstrating Lane Assist and Tracking Technology’ under Robotics technology category and secured the First place in the State Level Project Expo ‘Srishti Innovation Exchange’ held at BMS College of Engineering, Bengaluru from 25th to 27th July 2022.

Achievement of Team Alligators

‘Team Alligators’, the combat robotics team of the Robotics Club secured second place in Robowars and third place in Bot-Hockey at the National level Annual Technical Symposium ‘Engineer 2K22’ held at NITK, Surathkal from 23rd to 25th September 2022.

Alumni Achievement

Ms. Tejaswini Kodavur, Alumna 2008 Batch bagged the 1st runners-up title at the “Haut Monde Mrs India Worldwide 2022” pageant, held in Dubai during July 2022. She is a Senior Engineering Manager at Delphix, Executive graduate from INSEAD – France.

Mr. Muralidhar Reddy, Alumnus and the Founder of Apoorva IT solutions, Hyderabad, was recognised as an Industry Partner by the Aeronautical Society of India.

Ritik Gandhi of Computer Science & Engg branch has been selected as Deputy Superintendent of Police in Jammu and Kashmir.
## Sponsored Projects

<table>
<thead>
<tr>
<th>Title of Project</th>
<th>Funding Agency</th>
<th>Grant Amount</th>
<th>Investigators / Coordinator</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of a conversational Dialog Chatbot for Disaster Response for Kannada Queries</td>
<td>SERB (TARE Scheme)</td>
<td>1,50,00,000</td>
<td>Dr K C Narendra</td>
<td>Electronics &amp; Communication Engineering</td>
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<td>“Design, Development, and Validation of Digital Bite Force Measurement Device for Dental Applications”</td>
<td>ICMR</td>
<td>32,58,000</td>
<td>Dr Durga Prasad, Dr Bommegowda K B &amp; Mr Pradyumna G R</td>
<td>Electronics &amp; Communication Engineering</td>
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<td>Recent Advances in Processing Techniques for Improving the Surface Integrity of Aerospace-Defence Materials</td>
<td>DRDO</td>
<td>30,000</td>
<td>Dr. Srinivas Pai P</td>
<td>Mechanical Engineering</td>
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<td>Spatial Vegetation Distribution Analysis of the Western Ghats, India</td>
<td>VGST / KSTEPS</td>
<td>3,00,000</td>
<td>Dr. Shivakumar B R</td>
<td>Electronics &amp; Communication Engineering</td>
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<tr>
<td>Blood Pressure Monitoring using Spatial Pulse Wave Velocity in Human radial artery of Wrist</td>
<td>ICMR</td>
<td>11,13,000</td>
<td>Dr. Sukesh Rao</td>
<td>Electronics &amp; Communication Engineering</td>
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<td>Bio Fuel Research</td>
<td>KSBDB, Govt of Karnataka</td>
<td>1,90,000</td>
<td>Head, Dept. of Biotechnology</td>
<td>Biotechnology Engineering</td>
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## Patent Granted

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<tr>
<th>Title of the Invention</th>
<th>Inventor</th>
<th>Grant Date</th>
<th>Department</th>
<th>Agency</th>
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<tbody>
<tr>
<td>Hydrolysis Process By Metal Nanoparticle Assisted Induction Heating</td>
<td>Dr. Sandesh K, Dr. Ujawal P, Dr. Vinayaka B Shet</td>
<td>14 February 2023</td>
<td>BTE</td>
<td>Indian Patent</td>
</tr>
<tr>
<td>Name</td>
<td>Department</td>
<td>Guide</td>
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<tr>
<td>Dr. Krishna Prasad S</td>
<td>Department of Mechanical Engineering</td>
<td>Dr. Shantharaja M, BUB</td>
<td>Experimental Investigation and Computational Fluid Dynamics Modeling of Performance and Emissions Characteristics of a Twin Spark Plug S.L. Engine Using Compressed Natural Gas -Petrol-Ethanol Fuel blends</td>
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<tr>
<td>Dr. Pradeep Kanchan</td>
<td>Department of Computer Science and Engineering</td>
<td>Dr. Pushparaj Shetty, Dept. of Mathematical &amp; Computational Science NITK, Surathkal</td>
<td>Improved Nature Inspired Algorithms for Optimisation Problems in Wireless Sensor Networks</td>
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<tr>
<td>Dr. Abhir Bhandary</td>
<td>Department of Information Science and Engineering</td>
<td>Dr. Ananth Prabhu G, SCEM</td>
<td>Computer-Aided Diagnosis For Early Lung Cancer Detection Using Content-Based Medical Image Retrieval approach on Thoracic Computer Tomography Scans</td>
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<tr>
<td>Dr. Pushparaj</td>
<td>Department of Civil Engineering</td>
<td>Dr. Udaya Kumar G, Professor, Dept of Civil Engineering</td>
<td>Reed Bed Concept of Wastewater Treatment and Production of Biogas from Reed Chaff and Other Blends</td>
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<tr>
<td>Dr. Sannidhan M S</td>
<td>Department of Computer Science and Engineering</td>
<td>Dr. Ananth Prabhu G, SCEM</td>
<td>Composite Sketch Matching Using Artificial Neural Networks and Deep Learning</td>
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<tr>
<td>Dr. Padmavathi K</td>
<td>Department of Electronics and Communication Engineering</td>
<td>Dr. Maya V Karki, MSRIT, Bengaluru</td>
<td>Multimodal Medical Image Fusion Using Complex Wavelet Transform</td>
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<td>Name</td>
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<tr>
<td>Dr. Suresh Shetty</td>
<td>Department of Mechanical Engineering</td>
<td>Dr. Srinivasa Rao B R, Professor, Dept. of Mech. Engg., Dr. Shiva Kumar, MIT, Manipal</td>
<td>Experimental Investigation and Artificial Neural Network Modeling of Cycle by Cycle Fluctuations in Dual Plug SI Engine</td>
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<tr>
<td>Dr. Sandeep Kumar Hegde</td>
<td>Department of Computer Science Engineering</td>
<td>Dr. Monica R Mundada</td>
<td>Efficient Machine Learning Techniques for improving the Prediction of Chronic Disease</td>
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<td>Dr. Pallavi K N</td>
<td>Department of Computer Science and Engineering</td>
<td>Dr. Ravikumar V, Vidyavardhana College of Engineering, Mysore</td>
<td>Fog based data security for communication between Cloud and Internet of Things</td>
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<tr>
<td>Dr. Ganesh Poojary</td>
<td>Department of Physical Education</td>
<td>Dr. Gerald Santhosh Dsouza, Mangalore University</td>
<td>A Study of selected Aerobic and Anaerobic Parameters Among Sportspersons of Individual Sports, Team Sports, and Combat Sports</td>
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<td>Dr. Chaithra K</td>
<td>Department of Mathematics</td>
<td>Dr. Shankaran P, Department of Mathematics</td>
<td>A Study on Distance Magic Labeling of Graphs</td>
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<td>Dr. Harshitha M Jathanna</td>
<td>Department of Biotechnology Engineering</td>
<td>Dr. Vaman Rao C, Department of Biotechnology Engineering</td>
<td>Studies on Microbial Synthesis of Oil Using Byproducts of Biodiesel</td>
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<tr>
<td>Dr. Preetham Shetty K V</td>
<td>Department of Applied Sciences (Library Science)</td>
<td>Dr. Divakar Bhat, Department of Library Science</td>
<td>Usability and Impact of VTU Consortium on the Academic Community of Engineering Colleges of Karnataka: a Study</td>
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<tr>
<td>Dr. Shanmukha Shetty</td>
<td>Department of Civil Engineering</td>
<td>Dr. Sauvik Banerjee and Dr. Y M Desai, IIT, Bombay</td>
<td>Service Life Prediction and Failure Analysis of Partially Corroded RC Elements using Structural Health Monitoring Approaches</td>
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<tr>
<td>Dr. Divijesh Puninchathaya P</td>
<td>Department of Mechanical Engineering</td>
<td>Dr. Muralidhara, Head, Dept of Robotics &amp; Artificial Intelligence &amp; Dr Rathnamala Rao, NITK</td>
<td>Investigations on Active Vibration Isolation Using Stacked Piezoelectric Actuators and its Application in Machining</td>
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<tr>
<td>Dr. Rajalaxmi Hegde</td>
<td>Department of Computer Science and Engineering</td>
<td>Dr. Seema S, Professor and Head, Dept. of CS, MSRIT, Bengaluru</td>
<td>Opinion Mining and Sentiment Analysis of Large Scale Data using Artificial Intelligence Techniques</td>
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<tr>
<td>Dr. Kavitha S</td>
<td>Department of Electronics and Communication Engineering</td>
<td>Dr. K. V. S. S. Sairam, Professor &amp; Head, Dept. of E&amp;C Engg.</td>
<td>Study and Behavioural Analysis of Nano Antennas for Optical Wireless Applications</td>
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<tr>
<td>Dr. T. Vijaya Murari</td>
<td>Department of Computer Science and Engineering</td>
<td>Dr. K.C. Ravishankar, Professor &amp; Head, Govt. Engineering College, Mosalehosahalli, Hassan</td>
<td>Selective Encryption of Video Frames for Authenticated Streaming in the Content Delivery Network</td>
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<tr>
<td>Dr. Shashank Shetty</td>
<td>Department of Computer Science and Engineering</td>
<td>Dr. Ananthanarayana V S., Professor, Dept. of Information Technology, NITK, Surathkal</td>
<td>An Intelligent Framework for an Effective Clinical Recommendation System to predict diseases from Multimodal Medical and Data</td>
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<tr>
<td>Dr. A Adarsh Rai</td>
<td>Department of Robotics &amp; Artificial Intelligence Engineering</td>
<td>Dr Shrinivasa Rao B R, Vice Principal &amp; CoE and Dr Narasimha Bailkeri, Professor, Dept of Mechanical Engg.</td>
<td>Experimental Investigation and Optimization of Performance and Emission Characteristics of a CNG-Diesel Dual Fuel Engine</td>
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</tbody>
</table>
AUGUST 2022

1-6th: Department of Civil Engineering in association with Internal Quality Assessment Cell (IQAC) has organized a Five-Day Faculty Development Program on “Python Programming” during 1st to 6th August 2022.

3-5th: Skill Development workshop on PCB fabrication was conducted by the Department of Electronics and Communication Engineering was conducted from 3rd to 5th of August 2022.

5th: A SYMPOSIUM on “Research Methodology” was organized by the Nitte University at NMAM Institute of Technology for the benefit of faculty members who have become Ph.D. guides for Nitte University, on 05-08-2022.

22nd: The Department of Mechanical engineering of NMAMIT Nitte organized a one-day workshop on “New and Renewable Energy source” and inaugurated a renewable energy club in the college on 22-08-2022.

SEPTEMBER 2022

10th: Celebrated Teachers’ & Engineers’ Day on 10th September, 2022. Shri. Shree Padre, Rain Water Harvesting Expert, Agriculturist & Editor of Adike Patrike was the chief guest of the function. Dr. Sneha Nayak; Dr. Louella Concepta Goveas; Dr. Shaik Kabeer Ahmed, Dr. Ranjith A; Dr. Pushparaj; Dr. Raju K, Dr. Raghunandan K R, Dr. Pradeep Kanchan & Dr. Sannidhan M S; Dr. Krishna Rao; Dr. Girish Joshi; Dr. Sukesh Rao M, Dr. Shrividya G, Dr. Anusha R; Dr. Bommegowda KB; Dr. Abhir Bhandary; Dr. Austin Dinesh D’Souza, Dr. Vishwanatha J S, Dr. Dilip Kumar K & Dr. Krishnaprasad S; Dr. Pallavi Shetty; Dr. Spoorthi B Shetty and Dr. Sarvajith M S were honoured for successful completion of the Ph. D. degree in the academic year 2021-22. NIDARSHAN 2022 was released on this occasion.

12-13th: The Department of Electrical and Electronics Engineering organized two-day skill development program “Kaushalya-Right tool-Accurate measurement-Better information”.

21st: A student exchange programme with Ritsumeikan University, Japan was organised on 21st September 2022. The event was held in online mode. 15 students from NMAMIT, Nitte and 12 students from Ritsumeikan University had participated in the program.

26-30th: The FDP on “Cyber Security and Security Analytics” was organized by the Department of Computer Science and Engineering in association with IQAC and Tech ConPro – Purple Synapz Labs, Bengaluru held during 26th to 30th September 2022.

OCTOBER 2022

1-8th: Selection of cadets for the 3rd batch of 6(Kar) Naval Subunit NCC NMAMIT, Nitte was conducted in 3 different stages, which were held on 1st, 4th and 8th of October 2022.

19-29th: Department of Electronics and Communication Engineering conducted Five day training program on “CAD for building prototypes using 3D printers” for the students and faculty members of NMAM Institute of Technology.

4-8th: The FDP on “IoT and Cloud Security” was organized by the Department of Computer Science and Engineering.
in association with IQAC and TechConPro - PurpleSynapz Labs, Bengaluru held during 4th to 8th October 2022.

**11-12th:** All India Council for Technical Education had approved the Distinguished chair Professor (DCP) Scheme to NMAM Institute of Technology, Nitte and assigned Dr. M.S. Ananth, Former Director of IIT Madras as Distinguished Chair Professor. The Lecture series were conducted on 11th and 12th October 2022 by IQAC of NMAMIT with 476 participants.

**27th:** The association of students of Electrical and Electronics Engineering, NMAMIT, Nitte called ELITES organised the Swachta Abhiyan - the campus cleaning drive on October 27, 2022.

**28th:** A team of executives from the Bosch Global Software Technology Pvt. Ltd. (BGSW) visited the Center for Design of Power Electronic Systems (CDPES), Department of Electrical and Electronics Engineering, NMAMIT, Nitte on October 28, 2022.

## NOVEMBER 2022


**10th:** The ISTE student chapter, Department of Electronics and Communication Engineering, NMAM Institute of Technology had organized “Q-factor 6.0”, an inter branch quiz competition on the 10th of November 2022, from 2:30pm - 4:30pm in LH 303.

**14th:** One day workshop on “Fuel Cells” (the next generation energy conversion system) was conducted by the department of Mechanical Engineering, NMAMIT, Nitte with coordination of AIMS and Renewable energy club of the college, on 14th November 2022.

**14-18th:** Department of Electronics & Communication Engineering in association with IEEE Bangalore Section has organized a five day workshop on “Signal Processing for Biomedical Applications” from 14th to 18th November 2022.

**14-15th:** Nitte Engineering Education Unit (NEEU) was inaugurated at NMAM Institute of Technology on 14th of November 2022 by the dignitaries of Nitte, deemed to be University. Nitte Engineering Education Unit hosted a two-day Faculty development program on “Role of Outcome based Education in Technical Institutions” at NMAM Institute of Technology, on 14th and 15th of November 2022.

**19th:** The Branch Associations & Student Activities at NMAM Institute of Technology, Nitte for 2022-23 was inaugurated on 19th November 2022 in Sadananda Auditorium, Nitte.

**21-25th:** he Automotive Learning Factory under the Department of Mechanical Engineering had organized A Week-Long Training Program on Basics of Automotive Technology to the students of M. R. Punja Industrial Training Institute, Mulki during 21 – 25 November 2022 as a part of outreach activity

**24th :** The National Service Scheme Unit of NMAM Institute of Technology Nitte celebrated Constitution Day (Samvidhan Divas) on 24th November 2022 in a lecture class at Sir C V Raman Block.

## DECEMBER 2022

**1st:** Department of Information Science and Engineering, NMAMIT in association with ACM student chapter Nitte conducted a Coding contest on 12/01/2022 on “Frost Code” for IT Branches.FR0ST-CODE is a programming-based contest that solely focuses on participants’ debugging skills. The twist in this contest was that the candidates were provided with code snippets in an alien language.

**20th:** The Department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte signed a Memorandum of Understanding (MoU) with L& T Technology Services, Bangalore (LTTS).

**20th-21st:** N. M. A. M. Institute of Technology, Nitte has conducted Industry-Academia Conclave 2022 (IAC-2022). The major goal of this conclave is to make students and faculty members sense the current industry requirements and to bridge the gap between industry and academia.

**21st:** In connection with the International Conference on “VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems (VSPICE-2022)”, a Pre Conference Tutorial on “Artificial Intelligence, Machine Learning and Its Applications” was arranged.

**22nd-23rd:** Department of Electronics and Communication Engineering, N. M. A. M. Institute of Technology, Nitte, India has organized a Two Day International Conference on “VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems (VSPICE-2022)” as a part of Multi-Conference on International Conference on Emerging Trends in Engineering (ICETE-2022). Civil Engineering Trends and Challenges for Sustainability CTCS 2022 was held during 22nd and 23rd December 2023 under the aegis of ICETE 2023
JANUARY 2023

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

11th-12th: A two-Day faculty development programme on Mentoring Skills was conducted by the Staff Development Centre for the teaching Staff of NMAM Institute of Technology at the Abhyuday Seminar Hall of S Ramanujan Block at NMAMIT.

15th: “YOGATHON” an event to mark National Youth Day was held on January 15, 2023, at End Point Ground, Manipal. With the intention to create a Guinness World Record, this event was conducted by the government of Karnataka in 32 different places within the state, Udupi district being one of them.

19th-25th: Indian Machine Tool Manufacturers Association (IMTMA), has organized International Machine Tool Exhibition-2023(IMTEX-2023), at Bangalore International Exhibition Center (BIEC), Bangalore. NMAMIT Nitte team bagged the first consolation prize out of the five projects.

30th-3rd Feb: The FDP on “Cyber Security and Security Analytics” was organized by the Department of Computer Science and Engineering in association with IQAC and Nitte Engineering Education Unit (NEEU) and TechConPro – Purple Synapz Labs, Bengaluru

FEBRUARY 2023

11th Feb: The inauguration of IEI student chapter was held on February 11, 2023 at Shambhavi Hall. The program was exclusively organized for IEI students of NMAMIT, Nitte.

20th: The Department of Electrical and Electronics Engineering, NMAMIT, Nitte has offered one month internship program to the students of EEE. The internship program is aimed at exposing the students, to the work culture of the industry and make them industry ready.

MARCH 2023

13th: IEI Students’ chapter of NMAM Institute of technology arranged a visit for its student members to first ever GTTC training at their Mangalore training centre on the 13th March, 2023, where the students experienced a hands-on day learning from their resident experts.

13th-17th: A Five-day faculty development program on ‘Data Science - Industry & Academia Perspective’ was organized by the Dept. of Artificial Intelligence & Data Science in association with the Internal Quality Assurance Cell (IQAC) & Nitte Engineering Education Unit (NEEU).

17th: The National Service Scheme (NSS) NMAMIT, Nitte in association with the RedCross Unit, 6 (Kar) Naval Sub unit NCC, NMAMIT, Lions Club Hiriadka, Rotary Club Nitte, and Association for the interaction of Mechanical Students (AIMS) organized a Blood donation camp in the college campus.

18th: IEEE Mangalore subsection and IEEE Student branch of NMAM Institute of Technology, Nitte jointly organized the flagship event of IEEE MSS “PhD Research Scholars Colloquium”

23rd: A Memorandum of Understanding (MoU) was signed between N.M.A.M. Institute of Technology, Nitte and Manipal School of Information Sciences, Manipal on 23rd March 2023 at NMAMIT, Nitte.

APRIL 2023

4th-6th: Department of Mathematics organized A Three Day Faculty Development Programme on “Teaching Mathematics Using MATLAB” during 4th to 6th April 2023 in SMV-Lab 41.

Department of Robotics and Artificial Intelligence organised a three-day faculty development program on “Microcontroller for Robotic Applications”.

18th: The Staff Development Centre in association with the Nitte Institute of Speech and Hearing (NISH) organized Voice Care Boot Camp for the teaching professionals of NMAMIT.

24th-25th: The department of Electrical and Electronics Engineering organized a two-day skill development program “Kaushalya - Right tool-Accurate measurement-Better information” for the third semester students

27th-29th: Department of Robotics and Artificial Intelligence had organised a Three Days Faculty Development Program on “Image Processing and its Applications” in Robotics.
MAY 2023

5th: The NMAMIT-TOYOTA Centre of Excellence MoU signing happened followed by a visit to the PBL automotive models exhibited by the VI semester Mechanical Engg. Students.

8th: Expro-2023 - Annual Exhibition of Final Year UG Projects-2023 was inaugurated. A total of 283 projects has been exhibited during expro-23 by the final year UG students in the departmental venues and Mechanical and Civil UG projects exhibited at Sadananda auditorium.

15th-17th: The Department of Electronics and Communication Engineering of N.M.A.M. Institute of Technology, Nitte has organized a Three day student workshop on “Project Based Learning on Signal Processing Application using MATLAB”.

Kannada Rajyotsava

Krishna Janmashtami

Branch Association

Teachers Day - Engineers Day

Tulu Day
The inauguration of the renovated building, for accommodating the Department of Robotics and AI Engineering and the MCA departments, was held on July 15, 2023. The esteemed presence of Sri N V Hegde, Chancellor, Nitte (DU). The upgraded building now houses 6 labs for Robotics and AI engineering and 4 labs for the MCA department, and faculty cabins. As part of the tradition, Ganahoma was performed during the inauguration. Dr Gopal Mugeraya, Vice President - Technical Education, Nitte (DU); Dr Niranjan N Chiplunkar, Principal; Dr I R Mithanthaya, Vice Principal & Dean (Academics); Dr Subramanya Bhat, Deputy CoE, Nitte (DU) along with the Deans, Heads of various departments, teaching and non-teaching faculty members and students from Robotics and AI and MCA departments.

AEROCLUB BAGS ALL INDIA RANK 1 IN SAE AERO DESIGN CHALLENGE

The SAE competition is known for its rigorous challenges. The students of Aeroclub Nitte took part in the event with the aim of showcasing their technical prowess, teamwork, and commitment to pushing the boundaries of engineering. We are extremely proud and delighted to announce that Aeroclub NMAM Institute of Technology have secured All India Rank 1 in SAE Aero Design Challenge which was held in Rajalakshmi Engineering College from 21st July to 23rd July 2023. We passed the technical inspection without any issue. Weight of the empty plane was 1.065kg and that of payload was 2.3kg.

As a part of the team, we had 10 members including Navaraj Shetty as the team captain and Shruti as vice-captain, Navaraj Shetty and Suhana Shetty were the XFLR analyst, Nadella Abhiram and Shruti managed with solid works, Hardika Uday and Sharanya Acharya were the presenters, Pannagesha Vishwa Mithra and Pooja were in the Ansys team and Swati GR, Hardika, Sharanya, Pooja worked on report and presentation.
A Five-day faculty development program on ‘Data Science - Industry & Academia Perspective’ was organized by the Dept. of Artificial Intelligence & Data Science in association with the Internal Quality Assurance Cell (IQAC) & Nitte Engineering Education Unit (NEEU) from 13th to 17th March 2023. The FDP was inaugurated by Mr. Murali Iyer, Former Partner, WIPFLI, USA.

In his inaugural address, Mr. Murali highlighted the importance of data and the need to analyze the data from the industrial perspective; he emphasized the importance of learning data science as an engineering curriculum. He enlightened the participants with his knowledge of working on projects related to data science and data analytics.

Guest of Honour Mr. Sumanth Padival, Director and Head of India Operations Bengaluru during his address highlighted the need for real-time projects to understand the fundamental concepts.

Dr. Niranjan N Chiplunkar, Principal, NMAMIT presided over the function. He highlighted the need for industry-academia collaboration in the engineering curriculum. Dr. Venugopala P S, Head, Department of Artificial Intelligence and Data Science welcomed the gathering and gave an insight into the 5-day FDP. Mr. Prajwal Hegde introduced the guests. Ms Ankita Shetty proposed the vote of thanks.
Freshers Day Induction Program 2021-22 was organized on November 11, 2022 for the newly admitted students.

Industrial Visit event was organized by the Turing Artificial Intelligence Student Committee (TASC) from November 17, 2022, to November 19, 2022. Maker Village, the largest electronic hardware incubator and ESDM facility in the country, with a 60000 sq. ft. facility inside the Kerala Technology Innovation Zone, Kochi was one of the industries visited by 45 students.

FLUSH THE BRUSH event was held on December 17, 2022. The event was aimed at encouraging students to think creatively and paint without using brushes. The event was attended by 20 teams.

Collaborated with DLITHE to organize a workshop on IoT on 22nd February 2023 at IT Skill Lab. The event aimed to enhance students’ understanding of the future and scope of robotics, microcontrollers, and the basics of IoT using INTEL GALILEO GEN2. The workshop was conducted by Mr. Arun R, Founder, Director at DLithe, and Co-Founder NXTALIGN Innovation.

Algorithm Arena was an online programming competition held on HackerRank on February 18th, 2023. The competition aimed to test the participants’ algorithmic problem-solving skills in a limited time frame. The competition had 30 participants. The organizers, Parth and Rifaath, were commended for their efforts in making the event a huge success.

CodeRescue event was held on One Compiler on March 25, 2023, and was organized by Parth and Nishanth. The objective of the competition was to test the participants’ debugging skills in a limited amount of time, with a total of 27 participants competing against each other. Participants were given a total of 1 hour to debug 10 problems. The winner of the event was Jaideep Yogish, ISE.
Expert talk on India - Japan Academic Cohesive Programs and Opportunities

On 17th September 2022, expert talk on India - Japan Academic Cohesive Programs and Opportunities by Dr. Harishkumar Madhyastha, Faculty of Medicine, University of Miyazaki, Japan at Shambhavi seminar hall. The talk highlighted on the topics such as career opportunities in University of Miyazaki, Student exchange programs and educational programs in Japan.

Visit to NITK Surathkal

The students of 6th sem BE Biotechnology Engineering students visited the Central Research Facility (CRF) at the National Institute of Technology, Surathkal on 30 May 2022. Prof. M. N. Satyanarayan, Chairman of CRF briefed us about the CRF facility at NITK which could benefit the nearby colleges. During the visit, the students were exposed to the working of a variety of analytical instruments like FESEM, NMR, AFM, Raman Spectrometer, BET Analyzer, FTIR, TGA, Particle size analyser, and hollow fiber fabrication unit.

Expert talk by Dr. Kiran A Kulkarni, Biochemical Science Division, CSIR Pune

Dr. Kiran A Kulkarni, Biochemical Science Division, CSIR-National Chemical Laboratory, Pune gave a technical talk on the topic “Unraveling the cell migration using structural biology”. The talk was arranged in Shambhavi seminar Hall on 17th August 2022.

“vruQshaRashi”

Organized on 25th September 2023 in association with the Department of MCA, NMAM Institute of Technology, an application named “vruQshaRashi”. This mobile based application can be used to scan the QR code for any plant details present in the campus which highlights the description of the plants.

Cleaning drive

On 6th Oct 2022, Phoenix student club organized “Swachh Department” and cleaned the labs and surroundings of the department.

Industrial visit

An Industrial visit for the students of 4th year Biotechnology to Kerala State Drugs and Pharmaceuticals Ltd, Alapuzzha, Kerala and Central Coire Research Institute, Alapuzzha, Kerala. The visit was scheduled on 11th and 12th November 2022.

Freshers day

Fresher’s day was organized for the 2nd years by 3rd and final year students. The theme for the event was “GOTHFEST”.

Workshop on Business idea generation

In association with AIC Nitte arranged a workshop on Business Idea Generation by Dr. Anantha Padmanabha Achar for selected Students of Final year Biotechnology Engineering at AIC Hall, Nitte.

Workshop on Entrepreneurship

Phoenix, Dept. of Biotechnology Engineering Student Association organized the Entrepreneurship Development Program by Dr. Anantha Padmanabha Achar on 12th Dec 2022 for the students of Final year Biotechnology Engineering.

CSIR talk

Expert talk on “Drop in -fuels sustainable aviation and automotive fuels” by Dr. Anil Kumar Sinha, Chief Scientist, CSIR-Indian Institute of Petroleum, Dehradun was arranged on 10th Feb 2023.
Faculty - Department of Biotechnology Engineering

From Left to Right:

Sitting:
- Dr. Anil Kumar H. S., Dr. Vinayaka B. Shet, Dr. Shyamaprasad Sajankila, Dr. I. Ramesh, Dr. Shrinivasa Rao B. R., Dr. Ujwal P. (HoD), Dr. Vidya S. M., Dr. Venkatesh Kemkhi H., Dr. Santhosh Kuppey

Standing:
- Mr. Sandeep B., Mr. Vinaya B. Shetty, Mr. Jaya Shettigar., Mr. Prakash Tantri, Mr. Ullal Haashini, Dr. Louella C. Goveas, Ms. Radhika, Ms. Vibha, Ms. Poornima Kunder, Ms. Rachitha Prabhu, Ms. Veena Rao.

Note: The names and titles listed are for illustration purposes only and do not reflect the actual content of the image.
**Five-day Faculty Development Program on Python Programming – 01st to 06th August 2022.**

In association with Internal Quality Assessment Cell (IQAC) organized a Five-Day Faculty Development Program on “Python Programming” during 1st to 6th August 2022. The FDP was organized to up skill the Faculty members and interested lab assistants of Civil Engineering Department in Python Programming, a widely used high level programming language. The faculty members from the Computer Science Engineering department namely Mr. Ganesh Pai, Dr. Sannidhan M S, Mr. Sampath Kini and Ms. Sapna S, Ms. Sandhya S and Ms. Anusha N from the Information Science and Engineering were the resource persons for this FDP.

**A Session on “Techno Week 2022” held on 11 September 2022**

The Association of Consulting Civil Engineers (India) have organized Techno week Technical Lecturer series in association with the Ramco Cements Limited. The speaker Engineer Anil V Baliga delivered a talk on Durable structures using construction chemicals and its applications in India, chemical anchoring and other aspects.

The other speaker Dr Raghavendra Holla addressed on BIM Application in sustainable design, augmented reality and other special features in construction technology. The program was attended by 200 students and Faculty members.

**First year “Orientation” program - 14 October 2022**

The orientation programme was organized for 1st year students of UG and PG to make them familiar with the civil engineering department and also the activities in the college. The event was coordinated by Dr. Shriram Marathe and assisted by Mr. Srinivas Nekkar, Assistant Professor, Department of Humanity and Dr. Subramanya Bhat, Assistant Professor, Department of Chemistry. Target students: 15.

**“Freshers Day” - 11 November 2022**

The Freshers Day for the students of Batch 2025, the event was filled with fun and games and lot of cultural events. Also they were introduced to the civil engineering department and to the lecturers of the department.

**A Session on Entrepreneurship Awareness Program for “Aspiring Successful Entrepreneurship Start-up Founder” - 16 February 2023**
OCEAN, Department of Civil Engineering in association with Entrepreneurship Development Cell (EDC) NMAMIT and Institution’s Innovation Council (IIC), NMAMIT conducted a talk on aspiring successful entrepreneurship. Mr. Anil Hegde, Structural Consultant, Vimal Construction Mangaluru and Mr. Gopal Bhat, Managing director, AG Associates Udupi were the resource persons.

Target Audience: 120

**Talk on Higher Studies and Job Opportunities for Civil Engineers in Australia**

The Department of Civil Engineering and The Department of Counselling, Welfare, Training and Placement NMAMIT jointly organised a talk for Civil Engineering Students on ‘Higher Studies and Job Opportunities for Civil Engineers in Australia’ on June 2nd 2022. Resource Persons Mr. Ajay Chandran, Branch Manager IDP Education India Pvt Ltd. and Mr. Shijo Mon Yesudhas, Asst. Manager -Business Development IDP Education India Pvt Ltd. and Mr. Antony Joseph, Regional Manager, South Asia, University of Western Australia, gave an insight on higher studies, part time job opportunities and the placement opportunities after completion of post-graduation.

**Technical talk on Remote sensing and GIS applications in Industry and Research**

The OCEAN club of Department of Civil Engineering NMAM Institute of Technology Nitte in association with Institution’s Innovation Council (IIC) and Entrepreneurship Development Cell (EDC), NMAM Institute of Technology Nitte. Is organized an online demo session on “Integrated GIS and Image Processing Software-IGiS” Demo was held by the team members of M/s Scanpoint Geomatics Limited (SGL) on 31st March 2022.

**Industrial visits conducted in the department**

34 students of 6th semester from Department of Civil Engineering went for an Industrial visit to Mysore on 31-March-2023, accompanied by Mr. Shanmukha Shetty, Assistant Professor and Mr. Pradeep, Lab Assistant.

Students visited the Mysore Rail Museum and learnt about Communication in Railways, History and Evolution, about engines and rails used in Railways. Students also learnt about different types of Telephone and Tele printers, Optic fiber and Communication during crisis management.
They also visited the Krishna Raja Sagara Dam, impounded to River Kaveri. Students learnt about the geographical structure and also visited Brindavan Garden near the KRS-Dam. They also visited the intake structure being built on the back water of the KRS Dam which was explained by Er. Shivakumar (AEE Mysore Urban Water Supply and Drainage Board) and Er. Kumaraswamy (AEE Mysore Urban Water Supply and Drainage Board).

Hongahalli water treatment plant is located in the Mysore where the water is supplied to the treatment plant by canal. Students visited Bio-medical Waste Treatment Facility (CBWTF) in Mysore.

Civil Engineering Students visit to Nitte University Deralakatte Campus
48 students from third semester civil engineering were taken to Nitte University campus at Deralakatte Mangalore to witness construction activity happening at the university campus. Students visited solid waste management unit and sewage treatment plant at university.

Industrial visit at Ultratech Concrete Ltd - Industrial area, Baikampady, Mangalore
7th semester students visited Ultratech Concrete Ltd in industrial area, Baikampady, Mangalore on 8th October 2022. Mr. Ganesh Gulwadi, City head-sales and operation Ultratech Concrete Ltd in industrial area, Baikampady along with other interns explained all the processes that takes place. Students saw different types of concrete in the beginning such as light weight concrete blocks, porous concrete blocks, high density concrete blocks and self-compacting concrete blocks.
MoUs
Accretegeo and NMAMIT Nitte

Organized a signing programme of Memorandum of Understanding (MoU) between Accretegeo Private Limited and NMAM Institute of Technology, Nitte on 13th April 2022. Mr. Mohan Kumar S, Director, Accretegeo Private Limited and the Dr. Harish Kumar S., Research Consultant were the representatives from Accretegeo Private Limited.

Sristi Ventures and NMAMIT Nitte

NMAMIT, Nitte and Sristi Ventures signed a Memorandum of Understanding on 11 July 2022 at Sristi Ventures in Nandikur, Padubidre. The purpose of this MoU is for the industry institute collaboration to uphold the research and to train civil engineering students to make them industry ready. Mr. Bhoopathy Shetty, Founder and MD of Sristi Ventures signed the MoU in the presence of other dignitaries.


Organized an online signing programme of Memorandum of Understanding (MoU) between Geosmart International Pte. Ltd, Singapore and NMAM Institute of Technology, Nitte on 27th February 2023. On behalf of Nitte Deemed to be University, Dr. Niranjan Chiplunkar, Principal, NMAMIT, Nitte and Mr. Suresh Kumar, Managing Director, GEOSMART INTERNATIONAL Pte. Ltd, SINGAPORE signed the documents.

The program was attended by Mr. Vinaya Hegde, Chancellor, Nitte Deemed to be university, Dr. Satheesh Kumar Bhandary, Vice Chancellor, Dr. Harsha Halahalli, Registrar, Dr. I. R. Mithanthaya, Vice Principal and Dean (Academics), Dr. Parameshwaran, IIC Director, Dr. Gopinath, Advisor, Dr. Srinath Shetty K, Professor in Civil Engineering and Resident Engineer, Dr. Arun Kumar Bhat, Professor and Head of Civil Engineering Department, Dr. Shriram Marathe, Mr. Janakaraj M, Faculty of Civil Engineering and Mr. Krishnaraj Joisa, PRO. Mr. Suresh Kumar, Managing Director, Mr. Andrews, Director, Mr. Bhaskaran, General Manager, Mrs. Davasahayam Cynthia, Director admin, Mr. William, Director, Mr. GM Venu, Director were the dignitaries graced the function from Geosmart, Singapore.

NMAMIT, Nitte and Sristi Ventures signed a Memorandum of Understanding on 11 July 2022 at Sristi Ventures in Nandikur, Padubidre. The purpose of this MoU is for the industry institute collaboration to uphold the research and to train civil engineering students to make them industry ready. Mr. Bhoopathy Shetty, Founder and MD of Sristi Ventures signed the MoU in the presence of other dignitaries.

Head of Civil engineering Department Prof. Arun Kumar Bhat welcomed the dignitaries, Dr. Parameshwaran, IIC Director briefed about the highlights of MOU, Dr. Niranjan Chiplunkar, Principal, NMAMIT, Nitte talked about the importance of MOU in the present scenario and Vice Principal Prof. I Ramesh Mithanthaya gave the Vote of thanks. The objectives of MOU are Curriculum Development, Industrial Students Projects/Internship, Placement, Joint workshops/seminars, Professor of Practice, Joint programs/courses, Guest lecturers, member of Board of Studies and establishing Industry Powered Laboratories.
From Left to Right:

**Sitting:** Dr. Shaik Kabeer Ahmed, Dr. Pushparaj M Naik, Dr. Srinath Shetty K., Dr. A N. Parameshwaran, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean – Academics), Dr. Niranjan N. Chipulkar (Principal), Dr. Shrinivas Rao B. R. (Vice Principal & CoE), Dr. Arun Kumar Bhat (HoD), Dr. Bhojaraj BE, Dr. Shriram Marathe, Mr. Manjunath

**Standing:** Mr. Sathish Kotian, Mr. Sadananda Gowda, Mr. Karthik Kulal, Mr. Rakshith Kumar Shetty, Mr. Thushar S Shetty, Ms. Akhila, Ms. Swathi, Ms. Harshitha, Ms. Sanktha, Ms. Priya, Dr. Shanmukha Shetty, Mr. Gururaja Acharya, Mr. Roshan Rai, Mr. Jagadeesh Rao, Mr. Prashanth Kumar K.
These programmes were conducted by ACCESS, the student branch Association of the department.

Infosys Springboard Workshop

An hour’s workshop on Infosys Springboard was organized on 16 September 2022 and the resource person was Dr Sumathi Pawar.

The resource person could take students through things like how to login to the application, explore the various features and briefly discuss, what the application was meant for Reskill and Rewire, for digitally empowered people, is envisioned towards increasing digital literacy across the board and making it available to everyone for free.

Explore IOT with IOCUBE:

“Explore IoT with Iocube” was organized on 2nd of March 2023, to help develop knowledge in one of the booming technologies called Internet of Things (IOT). The students could learn what was IOT, what IOT has in it? How to interface with intel Galileo boards and their real-world usage and so forth.
A workshop in association with IQAC (Internal Quality Assurance Cell) was conducted on September 29, 2022 for students of Third Year Students. Dr. Sudhir Raj K, Professor, Justice K S Hegde Institute of Management spoke about Design Thinking - A Pedagogical Experiment in Teaching, Learning and Application. It highlighted the topics such as problem solving and design thinking working.

FACE SPACE – OCTOBER 4, 2022

“Face Space” was conducted on 4th October 2022 to share among the students a platform to exhibit their imaginative side. The theme for the event was “Navratri”. Students from all branches and years were invited to participate in the event. First prize winners were Ruchika & Aditi and second prize was given to Sambhram & Brijwin.

DECODING THE MYTH – OCTOBER 6, 2022

DE-CODING THE MYTH was a quiz event organized on 6th Oct 2022. Out of 42 teams from the first round, 11 teams were moved to the second round. First place was taken by Ansh Vashisht, Adithya Shenoy and the runner-up was Ajay V Menon, Suchith K. S.

REACT 101- OCTOBER 20, 2022

A hands on workshop on ReactJS was organized on October 20, 2022 by CSE students Swasthik Shetty of 5th sem CSE and Numan Naeem of 7th sem CSE. It was conducted only for CSE students and students from 3rd, 5th and 7th sem participated in large numbers. The organizers shared their experience on react JS with the participants. Various aspects of react and their fundamentals such as their use in building web applications were discussed in the workshop.

FRESHER’S DAY – NOVEMBER 3, 2022

Fresher’s Day was conducted on 3rd November 2022 with the theme “RETRO”. The program started with lamp lighting and inaugural speech by Ms. Keerthana, Staff Coordinator of ACE followed by speech by honorable Vice Principal, Dr. I Ramesh Mithanthaya and HOD CSE, Dr Jyothi Shetty. The report of the activities conducted by ACE so far was read out by the the ACE Staff In charge, Dr Pradeep Kanchan. The winners of the events conducted so far were awarded by HOD CSE, Dr Jyothi Shetty. Id cards for the office bearers were also distributed by HOD, CSE. Several fun activities were conducted to engage the crowd. Orville Anthony Sequera and Lakshmi were chosen as Mr and Miss Fresher respectively. The event was finally concluded with vote of thanks by Mr Ashwin Shenoy, Staff Coordinator of ACE.
True progress in any field is a relay race and not a single event. Code relay is to coding as relay race is for running. CODE RELAY was a technical event conducted on 10th December, 2022 to share a platform for the students to showcase their coding skills. This event was open to all branches and students participated in a group of 3. It consisted of 2 rounds:

1. Aptitude: team work of three members
2. Coding: a relay contest by three members

Winners were declared based on most points scored by a team and exciting cash prizes were awarded. Participation certificates were awarded to all the participants. The winners of this event are:

First place - Monish Shetty, Nidheesha T, Keerthan NS.
Second place - Ausaaf, Madhumitha, K Lakshmi Pai.
Third place - Shashank BN, Shreyas K, Kishor.

FAREWELL – MAY 13, 2023

Farewell for the 4th year students of computer science engineering was held on 13th May 2023 in Sambhram auditorium. The theme of the event was “Monochrome”. The program started by seeking blessings of God with a prayer. The dignitaries on the dais for the event were our esteemed Principal Dr. Niranjan N Chiplunkar, HOD in charge of CSE department, Dr. DK Sreekantha, Staff In Charge of ACE, Dr. Pradeep Kanchan and the president of ACE, Ms. Medhini MP. After welcoming the gathering, a speech was delivered by Dr. Pradeep Kanchan, followed by the speech of Dr. DK Sreekantha. Our honorable Principal, Dr Niranjan Chiplunkar shared a few words of wisdom. Students of 4th year, Deekshitha, Anuroop and Rashmi Murali shared their experiences and memories to the audience. The formal program was followed by various cultural activities to keep the crowd engaged throughout the event. Nishan and Deekshitha were chosen as Mr and Miss Popular respectively. The event was finally concluded with vote of thanks by Mr Ashwin Shenoy, Staff Coordinator of ACE. Lunch was served after the program to all the staff members and the students.

Workshop/FDPs
FDP on “IT Skills”

Department of Computer Science & Engineering and Information Science & Engineering association with Internal Quality Assessment Cell (IQAC) has organized A Five-Day Faculty Development Program On “IT SKILLS” during 18th July to 22nd July 2022. The FDP was organized to enhance the knowledge on the various concepts such as android programming, web programming, and familiarization of Microsoft excel, Google form, Hacker earth, hack rank and GitHub. Dr. Niranjan N Chiplunkar, Principal, NMAMIT, Nitte was the chairman of the Five days FDP on IT Skills. Dr. Jyothi Shetty, Professor and Head, Dept. of CSE, was the convenor.

Five-Day Faculty Development Program on “Cyber Security and Security Analytics”

The FDP on “Cyber Security and Security Analytics” was organized by the Department of Computer Science and Engineering in association with IQAC and TechConPro - PurpleSynapz Labs, Bengaluru held during 26th to 30th September 2022. The FDP was inaugurated on 26th morning by Mr. Ashok Sharma, the CTO of PurpleSynapz Labs, Bengaluru. The formal welcome speech was given by Dr Jyothi Shetty, HOD, Dept of CSE. Mr. Ashok Sharma highlighted the importance and industry requirements in the area of Cyber Security and Analytics.

Five-Day Faculty Development Program on “IoT and Cloud Security”

The FDP on “IoT and Cloud Security” was organized by the Department of Computer Science and Engineering in association with IQAC and TechConPro - PurpleSynapz Labs, Bengaluru held during 4th to 8th October 2022. The FDP was inaugurated on 4th morning at 9:00 AM by Mr. Renuka S Prasad, the co-founder of PurpleSynapz Labs, Bengaluru. The formal welcome speech was given by Dr Jyothi Shetty, HOD, Dept of CSE. Mr. Renuka S Prasad highlighted the importance and industry requirements in the area of IoT and Cloud security.

Five-Day Faculty Development Program on “Advanced Topics in Cyber Security”

The FDP on “Advanced Topics in Cyber Security” was organized by the Department of Computer Science and Engineering in association with IQAC and Nitte Engineering Education Unit (NEEU) and TechConPro - PurpleSynapz Labs, Bengaluru held during 30th January to 3rd February 2023. The FDP was inaugurated on 30th January 2023 morning by Mr. Ashok Sharma, the CTO of PurpleSynapz Labs, Bengaluru. Mr. Ashok Sharma highlighted the importance and industry requirements in the area of Advanced Topics in Cyber Security.
From Left to Right:

Sitting:  
Dr. Raghunandan K R, Mr. Sampath Kini, Dr. Radhakrishna D, Dr. Roshan Fernandes, Dr. DK Sreekantha, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean – Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Jyothi Shetty (HoD), Dr. P V Bhat, Dr. Sarika Hegde, Dr. Sudeepa K B, Dr. Aravinda C V

Standing (1):  
Ms. Minu P. Abraham, Ms. Asmita Poojary, Ms. Aishwarya D Shetty, Ms. Ankitha A Nayak, Ms. Savitha Shetty, Dr. Rajalaxmi S Hegde, Ms. Soumya Ashwath, Dr. Anisha P Rodrigues, Ms. Vaishali B, Dr. Shabari Shedthi B, Ms. Joylin Priya Pinto, Ms. Shyamala Shetty, Ms. Annapoorna V, Ms. Shruthi Kumari, Ms. Deepthi V Shetty

Standing (2):  
Mr. Vishwanath Hegde, Mr. Vishwas Rao, Mr. Praveen B Kundar, Mr. Ashwin Shenoy M, Mr. Sunil Kumar Aithal, Mr. Shashank Shetty, Mr. Puneeth R P, Mr. Rajeevan K V, Mr. Shridhar Achary, Mr. Ashoka, Mr. Ganesh Salian K, Mr. Shrikanth Acharya
Graduating Batch - Section A - Department of Computer Science & Engineering
Graduating Batch - Section D - Department of Computer Science & Engineering
Skill Development on PCB Fabrication

Skill Development workshop on PCB fabrication was conducted by the Department of Electronics and Communication Engineering was conducted from 3rd to 5th of August 2022. The workshop aimed to develop the skill on PCB fabrication in engineering students. Total 21 students registered for the workshop. Apart from the PCB fabrication, SMD soldering and resoldering techniques were also taught. The resource person for the 3-day workshop was Dr. Sukesh Rao M, Associate Professor, Department of Electronics and Communication Engineering, NMAMIT, Nitte.

Training Program on CAD for Building prototypes using 3D printers

Five days training program was conducted on “CAD for building prototypes using 3D printers” for the students and faculty members of NMAM institute of Technology. The program was organized by Dr. Sukesh Rao M, Associate professor, Electronics and Communication Engineering department in Texas Instruments Lab. The event mainly focused on developing the skills on 3D models and building 3D structures using 3D printers.

A Student Training Program (STP) on “CIRCUIT SIMULATION USING LTSPICE”

Special Interest Group on Signal Processing, Department of Electronics and Communication Engineering, NMAMIT, Nitte has organized a Student Training Program (STP) on “Circuit Simulation Using LTspice”, from 17th to 19th October 2022 for the second-year students of the department. Mr. Anil Kumar Bhat, Assistant Professor, Department of Electronics and Communication Engineering, NMAMIT, Nitte, was the resource person. Mr. Anil Kumar Bhat has given an insight into drafting the analog circuits, probing, and analyze the performance of the given circuit design using different methods. Dr. Vidya Kudva, Associate Professor, was the coordinator of the event.

Industrial Visit to All India Radio, Mangalore

IEI Students’ Chapter of Electronics and Communication department organized an Industrial visit to All India Radio, Mangalore for 5th semester students on the 6th of October, 2022. Students along with IEI coordinator Dr. Padmavathi N.B started from the college at 10:00 a.m. and returned back by 4 p.m. The industrial visit was coordinated by Mrs. Nagapiiya Kamath K. The students were given the insights about various software used at Akashvani and their relevance to ongoing studies. Students were briefed about the console system used in Akashvani, wherein a master console system placed in the control room controls all the inputs and outputs given to various studios present in Akashvani from different satellites.

Industrial Visit to Brevera Technologies Pvt. Ltd., Mysuru

IEI Students’ Chapter of Electronics and Communication Engineering organized an Industrial visit to Brevera Technologies Pvt Ltd, Mysuru. This visit was organized on 4th November 2022 for the 7th semester students of Electronics and Communication branch of NMAMIT by the coordinator Mrs.Nagapiiya Kamath. The two faculty members Dr. Padmavathi K (Coordinator) and Dr.Mamatha Girish accompanied the students. Brevera is an electronic engineering company offering innovative design and manufacturing solutions for original equipment manufacturers (OEMs). The industrial visit focused on the manufacturing of circuit boards for water purifiers. They provide solutions to both RO-UV and UV-UF models.

Two-Day Workshop On Fundamentals Of Switching Regulators And Control Concepts

The Power Electronics and Control Systems (PE & CS) Special Interest Group (SIG) of the Department of Electronics and Communication Engineering organized a Two-Day Workshop on “Fundamentals of Switching Regulators and
Control Concepts” on 3rd and 4th, November, 2022. The workshop was attended by faculty and students of different institutes. A total of 35 students and staff participated in the workshop.

**Five Day Workshop on “Signal Processing for Biomedical Applications”**

Department of Electronics & Communication Engineering in association with IEEE Bangalore Section has organized a five-day workshop on “Signal Processing for Biomedical Applications” from 14th to 18th November 2022. The programme was inaugurated by Shri. Shailesh Sakri, Director, Automotive Audio Software, Harman International, Bengaluru and the Chair, IEEE Signal Processing Society, Bangalore Chapter.

**A Webinar on “Understanding FPGAs for Industrial Applications – Step towards career path in Semiconductor Industries”**

IEI Students’ Chapter of Electronics and Communication department conducted a webinar on “Understanding FPGAs for Industrial Applications – Step towards career path in Semiconductor Industries” that was hosted on 10th December, 2022. The guest speaker invited was our proud alumnus Mr. Deon Fleming who is currently an FPGA design engineer at Prodigy Technovations Pvt. Ltd, Bangalore. The webinar was presided over by the IEI staff coordinators Dr. Padmavathi K and Mrs. Nagapriya Kamath K.

**Entrepreneurship & Innovation as Career Opportunity**

Organized an offline guest talks on Entrepreneurship Awareness Program on the theme “Entrepreneurship & Innovation as Career Opportunity” for the students of 4th year B.E. in (E&C) on 16th February 2023. The resource persons were Mr. Prajwal V. Kumar, Director & Co-founder, Mangalore Robautonics Private Limited, Surathkal and Mr. Prahas Amin, Managing Director, Falshflow Technologies (OPC) Private Limited, Mangaluru.

**System Development using Programmable Logic Controller.**

On February 18th, the Electronics Project Club (EPC), organised an event- ‘System Development using Programmable Logic Controller(PLC)’ for its members. The resource person of the event was Mr. Nirmith Jain, Research Assistant, Dept. Of Robotics and Artificial Intelligence, NMAMIT, Nitte. The main objective of the event was to provide insight on Programmable Logic Controller and its applications on system development.

**Industrial Visit to Govt. Tools and Training Centre (GTTC), Mangalore.**

IEI Students’ chapter of NMAM Institute of technology arranged a visit for its student members to first ever GTTC training at their Mangalore training centre on the 13th March, 2023, where the students experienced a hands-on day learning from their resident experts.

**3KAAYA -Exhibition of 3D modelling and Fabrication**

Department of Electronics and Communication Engineering provided an internship on 3D modelling and fabrication for the 3rd semester student through an ICMR funded project. The principal investigator Dr. Sukesh Rao M., Associate Professor, Dept. of ECE, provided the problem statement to work on building a prototype using the Blender tool. The design files are fabricated on the Creality 3D printer. Total 19 students have undergone a 4-week internship from 04-02-2023 to 06-03-2023 and benefitted from the 3D modelling and fabrication platform. The exhibition of the developed Models was held on 13th March 2023 in TI lab.

**Technical Talk on Latest Trends in Medical Technologies**

Department of Electronics and Communication Engineering organised a Technical Talk on “Latest Trends in Medical Engineering” on 16th March, 2023. Mr. Hareesha Prabhu, Strategy & Transformation Leader, Philips Innovation, Bengaluru was the resource person for the event. More than 250 students and staff attended in the event. The resource person provided a quick overview of the role of engineers in the medical field and how engineering and technology is used to improve the medical filed.

**MoU Signing Ceremony**

An MoU was signed on March 23, 2023, between N.M.A.M. Institute of Technology, Nitte and Manipal School of Information Sciences, Manipal at NMAMIT, Nitte. The Department of E&CE, NMAMIT, Nitte hosted the event. Dr. Roopa B. Hegde, Associate Professor, Department of E&CE, NMAMIT, Nitte introduced the delegates from MSIS, Manipal and highlighted the potential collaborations through the MoU. Dr. Keerthana Prasad, Director, MSIS, Manipal discussed the possible outcomes of the MoU. The signing of the MoU was witnessed by Deputy Registrar, Directors, Deans, and Heads of various departments.
From Left to Right:

Sitting: Ms. Sushma P. S., Dr. Shrividya G., Dr. Veena Devi Shastrimath V., Dr. K. V. S. S. S. Saïram (HoD), Dr. K. Rajesh Shetty, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean – Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Rekha Bhandarkar, Dr. Prabha Niranjan, Dr. Durga Prasad, Dr. K. S. Shivaprakash

Standing (1): Ms. Niju Rajan, Ms. Charishma, Ms. Kavitha S., Dr. Roopa B. H., Ms. Ramya Shetty, Ms. Shubha B., Dr. Mamatha Girish, Ms. Nalini Shetty, Ms. Shashikala Shetty, Ms. Neetha Kumari, Ms. Mamatha J. Hegde, Ms. Kushala

Standing (2): Mr. Akash Shetty, Mr. Pradyumna G. R., Mr. Dileep Kumar M. J., Mr. Ravindra K. S., Mr. Anil Kumar Bhat, Mr. Satheesh Rao, Dr. Shankar B. B., Mr. Venkatakrisna K., Ms. Usha, Ms. Nayana, Ms. Sushmitha Shetty, Ms. Poornima S., Ms. Nayana Shetty
Industry Interaction by the faculty members of Dept of EEE from 08 to 10 August 2023

A team of faculty members from the department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte lead by Dr. Nagesh Prabhu, Professor and Director (Curriculum Development), Nitte (Deemed to be University) visited L&T Technology Services (LTTS), Bengaluru on August 08, 2022. The purpose of the visit was to establish a strong industry-institute interaction with LTTS in Electric Vehicle Technology. To build strong academia industry collaboration the team also visited Mr. Milind, R&D engineer at Reliance, Evolute systems Pvt Ltd and Lekha wireless Solutions in Bengaluru on August 09, 2022. The team of faculty members lead by the HoD visited Hexmoto Controls Pvt Limited, Mysuru on August 10, 2022.

Showcasing the ELIXIR projects to the first year B. Tech students on 14 September 2022

Organised an interactive session with the first year students of the Electrical and Electronics Engineering Department on September 14, 2022. The session was engaged by Dr. Suryanarayana K, Professor and Head, Department of EEE to understand the needs of the students and formulate the teaching learning process at par with their expectation. Students were briefed about the importance of project based learning in engineering studies. The students were introduced to the event ELIXIR, the hobby project exhibition of department of EEE students, conducted by the ELITES under the financial support of the departments alumni.

Bosch Global Software Technology Pvt. Ltd. team visit

A team of executives from the Bosch Global Software Technology Pvt. Ltd. (BGSW) visited the Center for Design of Power Electronic Systems (CDPES), Department of Electrical and Electronics Engineering, NMAMIT, Nitte on October 28, 2022. The BGSW team
consisted of Mr. Jagadeesha C R, Mr. Raghavendra Muliya, Mr. Santhosh N M and Ms. Hassine Chandrasekar. The team witnessed working on major projects like in-house developed Electric Vehicle, SiC based stack, GaN based solar battery charger for Lithium polymer battery. Dr. Suryanarayana K also explained the training process of students working in the center to build hardware and embedded software related to power electronics. The BGSW team appreciated the work carried out at the centre.

Swacchta Abhiyan on 27 October 2022
Organised the Swacchta Abhiyan - the campus cleaning drive on October 27, 2022.

Autoven- NMAMIT MoU renewal on 25 October 2022
The Department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte had initially signed an MoU (Memorandum of Understanding) with M/s Autoven Pvt. Ltd. on October 25, 2021. M/s Autoven Pvt. Ltd. is a pioneer in the field of Electric Vehicle systems, BMS, IoT and AI solutions. The renewal was done through online platform on November 24, 2022. Mr. Vinay Gunasekaran shared the journey in developing BMS system and achieving milestones of the projects with the aid of Department of Electrical and Electronics Engineering.

ELIXIR-2022 on 21 November 2022
The Department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte exhibited the Eleventh edition of its Mega student hobby project exhibition “ELIXIR-Transforming Ideas into Reality” on November 21, 2022 at Sadananda Auditorium. The event was inaugurated by Sri. Vishal Hegde, Pro-Chancellor (Admin), Nitte University. The exhibition had a total of 117 projects which were demonstrated throughout the day. Sri. Vishal Hegde stressed on the role and importance of Electrical Engineers in the current world scenario. He also encouraged students to transform their projects into products.

MoU between NMAMIT, Nitte and L&T Technology Services on 20 December 2022
The Department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte signed a Memorandum of Understanding (MoU) with L&T Technology Services, Bangalore (LTTS) on December 20, 2022. Dr. Suryanarayana K, Professor and Head, Department of Electrical and Electronics Engineering welcomed the participants and introduced the LTTS delegates. Dr. Nagesh Prabu, Director-Curriculum Development, Nitte Deemed to be University shared the journey behind signing of MoU. Mr. Vasu M, Senior Technical Architect, LTTS and Mrs. Spoorthi Shetty represented the LTTS.

Vayavya Labs Pvt. Ltd. team visit
A team of executives from the Vayavya Labs Pvt. Ltd visited the Center for Design of Power Electronic Systems (CDPES), Department of Electrical and Electronics Engineering, NMAMIT, Nitte on December 08, 2022.

Industrial Visit
A team of faculty from department lead by the HoD Dr. Surayanarayana K visited different industries at Mysuru and Bengaluru to build the strong Industry Academia Connect (Hexmoto Controls Pvt Ltd, Mysuru; Microchip, Bengaluru; Robert Bosch, Bengaluru; NAVTAT solutions, Bengaluru; Mr. Damodar K, BEL Bangalore; Shirvanthe Technologies Pvt. Ltd.; CAD Maxx Solutions)

Seminar Week-2023
The Department of Electrical and Electronics Engineering (EEE), NMAMIT, Nitte Students’ Association, ELITES conducted a week long seminars between March 27-31, 2023 wherein the expertise from various domain delivered a talk.
From Left to Right:

Sitting: Dr. Anitha Marina Colaco, Dr. K. Latha Shenoy, Mr. K. Vasudeva Shettigar, Dr. Nagesh Prabhu, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean – Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivas Rao B. R. (Vice Principal & CoE), Dr. Suryanarayana K. (HoD), Dr. M. Satyendra Kumar Shet, Dr. Nayana Shetty, Dr. Rajalaxmi Samaga

Standing (1): Mrs. Raksha Adappa, Mrs. Anupama B., Mrs. Swathi Hatwar H., Mr. Ravikiran Rao M, Mr. Gururaj K., Dr. Girisha Joshi, Mr. Mahabaleshwara Sharma K, Mr. Dinesh Shetty, Mr. Pradeep Kumar, Dr. Krishna Rao, Mr. Md Abdul Raheman, Mr. Anup Shetty, Mr. Dhananjaya B

Standing (2): Ms. Sandhya, Ms. Akshitha, Mr. Ashwath Kumar, Mr. Jayaprakash Kotian, Mr. Manish
Six-day FDP on Machine Learning, Artificial Intelligence, Deep Learning Applications - 26th September to 1st October 2022

An FDP on Machine Learning, Artificial Intelligence, and Deep Learning applications was organized for six days from September 26 to October 1, 2022. The program was conducted in association with IQAC and funded by the Karnataka Science and Technology Academy. Dr. Sachin Bhat, Associate Professor and Head of the Department of Electronics and Communication Engineering at Shri Madhwa Vadiraja Institute of Technology Bantakal, inaugurated the event. The FDP covered the fundamentals of ML, AI, and DL, as well as their industry applications.

Workshop on ‘Demystifying Blockchain Technology’ - 4th and 5th of November 2022

A two-day workshop on ‘Demystifying Blockchain Technology’ was organized on November 4th and 5th, 2022, in association with Wie Bangalore and IEEE Mangalore Subsection. Mrs. Tanzila Nargis, Assistant Professor in the Department of ISE, and Mr. Shreyas Vivek, a final year ISE student, served as resource persons for the workshop. The event proved to be highly beneficial as students had the opportunity to learn the fundamentals and applications of blockchain technology. Additionally, a hands-on session was conducted to develop decentralized applications using blockchain tools. The workshop attracted a total of 54 participants.

Tech Talk on “wireless communication: towards industry perspective” - 5th November 2022

Technical talk on “Wireless Communication: Towards Industry Perspective” was organized in association with VISTA. The session featured Mr. Gururaj Rao H, a Program Manager at Sasken Technologies Ltd., as the resource person. Mr. Gururaj, also an alumnus of NMAMIT, delivered a talk on the use of wireless communication in contemporary society. The presentation covered the history and origins of wireless communication, as well as various types of communication.

Talk on “Introduction to AI/ML and AIOps framework (ML – Code as service)” - 20th Nov 2022

The ISTE Student Chapter conducted an online technical session titled “Introduction to AI/ML and AIOps framework (ML - Code as a service)” on November 20, 2022. The session was presented by Ms. Sukhada Chokkadi, Senior Analyst at Dell EMC, Bengaluru. The speaker covered several important
topics including an introduction to AI/ML, anomaly detection, ML code as a service, AIOps framework, and errors in ML. The session proved to be valuable in expanding the participants’ knowledge in the field of artificial intelligence and machine learning.

**Frost Code- 1st December 2022**

ACM student chapter Nitte, in association with the department, conducted a coding contest called “Frost Code” on January 12, 2022, specifically for IT branches. This contest was unique as it focused on participants’ debugging skills. The challenge involved debugging code snippets written in an alien language provided to the candidates. The participants had to identify and fix errors in the code to generate the desired output specified in the question.

**AI-ML Skill Development Workshop- 17th and 18th March 2023**

‘wenamitaa’ (NMAMIT Alumni Association) and VISTA collaborated to organize a two-day project-based skill development workshop on AI-ML.

The workshop spanned two days and featured Mr. Bharath Naganath (ISE Batch: 2016-2020), a Senior Software Engineer at Ribbons Communications, and Mr. Pranam R (ISE Batch: 2016-2020), a Senior Software Engineer at MIT, Manipal, as resource persons.
Alumni interaction:  
22nd September 2022

Mr. Gunapala J, an alumnus of the Mechanical Engineering batch of 2009-2013, delivered a speech addressing the difficulties faced by police officers based on real-life incidents and his personal experiences. He discussed the various entrance exams conducted by the government for individuals aspiring to join the police department, such as UPSC, PSI, KAS, and more. He elaborated on the significance of these exams and provided guidance on the preparation and selection process. Dr. Srinivasa Pai, Head, Dept. of Mechanical Engineering, and Dr. Subramanya Bhat K., Deputy Controller of Examinations and Dr. Prabha Niranjana, President, wenamitaa, acknowledged and appreciated Mr. Gunapala J's valuable contribution.

20th October 2022

Online alumni interaction session was conducted with Mr. Clive James Carvalho, an esteemed alumnus from the batch 2014-2018. The session was aimed at final and pre-final year students and focused on providing insights into the Master's program at KTH, University Sweden.

Orientation program for III semester students on 12th October 2022

The program began with the addressing of the session, by the Professor and Head of the department, Dr. Srinivas Pai P, regarding the conduct, curriculum, evaluation, technical opportunities and other important aspects of the Mechanical department. Thereafter, the students were introduced to different technical clubs under the mechanical department. The club heads of Shipwright, Robotics, Aero club, inspired the students to join the clubs by means of informing them about the club and displaying the different models built under the club.

Technical talk on “Reimagining aerospace materials and their advancements for 21st century” on 12th November 2022

An online technical talk was conducted by Dr. Kishore Shetty, Engg. Lead, Boeing India on aircraft materials. The session included Introduction to Aerospace Materials, Aerospace Materials Requirements, Development of Aircraft materials for airframe structures. Discussion on material selection in Aircraft Design, Aluminium alloys, Magnesium alloys, Titanium alloys, Steels, Shape Memory Materials. The speaker also discussed about the structure of Aluminium being transparent in certain specific conditions.

Technical talk on Safety systems for future vehicles on 7th December 2022

A technical talk was conducted by Dr. Gerald Sequeira on Safety systems of future vehicles. The session included an introduction to various safety systems in the CARISSMA research center Germany. The speaker also explained the crash test of vehicles in dry, rainy and fog conditions.

OVERHAULIN’ a technical festival on 8th December 2022

One-day branch festival OVERHAULIN’ was inaugurated by Dr. Niranjan N. Chiplunkar with the aid of a Robo-vehicle near student activity center along with aero and ship-wright club demonstrations. The fest also included an outreach activity for II PUC students of Dr. NSAM PU college who witnessed the various events of the fest. An Automobile exhibition which exposed various brands of two and four wheelers was the major highlight of the event.

Signing of MOU with Central Manufacturing Technology Institute(CMTI), Bangalore on 4th March 2023

NMAMIT, Nitte, an Off Campus Centre of NITTE (Deemed to be University) signed an MoU with CMTI, Bengaluru, an Autonomous R & D Institute under Ministry of Heavy Industries, GoI. Two MoU’s were signed, one concerning collaborative research, applying for joint funding, upgrading research potential, industry focused curriculum etc. and the second is conducting Faculty development programs in niche areas, internships, industrial projects, joint workshops & scientists visit for short duration. Dr. Nagahanumaiah, Director, CMTI and Shri Krishna Rathod, Centre Head (PP & BD) represented CMTI and Dr. Niranjan N Chiplunkar, represented NMAMIT, Nitte. Dr. Srinivasa Pai P, Head, Dept. of Mechanical Engg., welcomed the gathering and gave a background regarding how the MoU materialized. Dr. A.N. Parameswaran, Director (IIC) brought out the salient features of the MoUs and the discussions that happened regarding the same.

Training program on Basics of Automotive technology 21st to 25th November 2022

The Automotive Learning Factory under the Department
of Mechanical Engineering had organized A Week-Long Training Program on Basics of Automotive Technology to the students of M. R. Punja Industrial Training Institute, Mulki as a part of outreach activity. The training session was a combination of theory and practical sessions. Dr. Krishnaprasad, Assistant Professor, conducted sessions on Introduction to IC Engines and basics of Thermodynamics, Dr. Dilip Kumar K, Assistant Professor, conducted a session on Introduction to power transmission and braking system, Dr. Ravindra, Assistant Professor, conducted a session on Lubrication, cooling system and suspensions and Dr. Grynal D’Mello, Associate Professor, conducted a session on Basics of Electrical Wiring in Automotives. All the practical and hands on sessions on engine dismantling and assembly, electrical wiring and testing was handled by Mr. Rajesh Nayak, Demonstrator.

Entrepreneurship awareness program on 1st march 2023

The Department of Mechanical engineering of NMAMIT Nitte in association with Entrepreneurship Development Cell (EDC) & Institution’s Innovation Council(IIC) organized “Entrepreneurship Awareness Program” for the final year students. The inaugural session was handled by Mr. Vishal Salian, Director, Polysphakti Enterprises Pvt Ltd & President, District Small Industries Association D.K., being the alumni of the college, he shared his experiences as a student and the turning points to become one of the successful entrepreneurs.

One day workshop on FUEL CELLS – 14th November 2022

Conducted a workshop In coordination of AIMS and Renewable energy club of the college. Dr. Anand Shivapuji, senior scientist, CGPL, Indian Institute of science, Bangalore was the resource delegate who gave a technical talk on fuel cell and sustainable technologies which are the order of the day. The talk mainly highlighted use of fuel cell with hydrogen as fuel. The fuel cell kit was demonstrated by the resource person so that the participants get a deeper understanding of the topic.

Technical talk - “Clean and affordable energy related problem statements” on 16th September 2022

Arranged a talk on “Clean and affordable Energy Related Problem Statements”. Dr. Dhiraj Patil, Associate Prof. IIT Dharwad and Mr. Sudarshan from SELCO Ltd, interacted with mechanical engineering and electrical engineering students and motivated them to upload their energy related projects for CATALYSE TECH 2022 under GCOE-ACE (Global Center for Excellence in Affordable and Clean Energy), IIT Dharwad.

Outreach activity conducted for PUC students of Dr. NSAM PU college, Nitte on 16th November 2022

Renewable Energy Club from NMAM Institute of Technology conducted this outreach programme. Tejas Baliga, Sushma S Rao, Sushma S Nayak, Raveesha TS and Ranjith, accompanied by two faculty members Dr A.K Somayji and Dr. Udaya D conducted this event in two parts: (1) Presentation on the scope of Mechanical Engg and the different forms of Energy by Tejas Baliga and Sushma S Nayak. (2) Quiz on Energy Engg. by Sushma S Rao.

One day workshop on New and Renewable energy resources on 22nd August 2022

Organized a one-day workshop on "New and Renewable Energy source" and inaugurated a renewable energy club in the college. Dr. Nagesh, Prof. & Chairman, Dept. of IPE, UBDT Davangere and Dr. Sathyabhama, Prof., Dept. of Mechanical Engg., NITK, Surathkal were the guests of honour for the function. The Chief Guest, Dr. Nagesh stressed on the importance of renewable energy, against conventional sources and also spoke about the importance of education through several Sanskrit shubhashitas.
From Left to Right:

**Sitting:**  Dr. Austin Dinesh D’Souza, Dr. Narasimha Bailkeri, Dr. Narasimha Marakala, Dr. Shashikantha Karinka, Dr. Srinivasa Pai P (HoD), Dr. I. Ramesh Mithanthaya (Vice Principal & Dean - Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Sudesh Bekal, Dr. Subrahmanya Bhat, Dr. Mallikappa, Dr. Gururaj Upadhyaya, Dr. Ajit M Hebbale

**Standing (1):** Mr. Melwyn Rajesh Caselino, Mr. Stanley, Mr. Prasad Rao, Dr. Dilip Kumar K, Dr. Nithin Kumar, Dr. Vishwanath Js, Mr. Raveendra Bekal, Dr. Sharath Chandra H.S, Mrs. Shwetha, Mrs. Vishali Shetty, Mrs. Sharada Acharthy

**Standing (2):** Mr. Santhosh, Mr. Rathnappa Kotian, Mr. Venugopal, Mr. Govindaraj, Mr. Satheesh Kumar Shetty, Mr. Raghavendra Pai, Mr. Rajath N. Rao, Mr. Srinivas Prabhu M
Graduating Batch - Section C - Department of Mechanical Engineering
A three-day faculty development program on “Attainment of COs and POs in Outcome-Based Education” is organized from 17th to 19th November 2022 in association with IQAC and NEEU.

In association with the Robotics and Artificial intelligence society for Engineers is organised an event entitled CODDLES on 8th December 2022. The event is open to all the branches of NMAMIT.

NMAMIT Nitte won the Fourth Best research work award in I2-Academia Pavilion, IMTEX Tooltech-2023, held at Bangalore International Exhibition Center (BIEC), from 19th to 25th January 2023. The award was presented for the research work and poster presentation on “Design and development of a low-cost 4-axis CNC machine for artwork machining” in the field of metal cutting. Dr. Muralidhara, Prof. & Head, Department of Robotics and AI, led the NMAMIT team.

Awards received by the department faculty and students

NMAMIT won the Fourth Best research work award in I2-Academia Pavilion, IMTEX Tooltech-2023, held at Bangalore International Exhibition Center (BIEC), from 19th to 25th January 2023. The award was presented for the research work and poster presentation on “Design and development of a low-cost 4-axis CNC machine for artwork machining” in the field of metal cutting. Dr. Muralidhara, Prof. & Head, Department of Robotics and AI, led the NMAMIT team.

Faculty - Department of Robotics & Artificial Intelligence

From Left to Right:
Sitting: Ms. Sowmya P, Mr. A Adarsh, Dr. Veeresha R K, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean – Academics), Dr. Niranjan N. Chipulkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Muralidhara (HoD), Mr. Vincent Linish Dsouza
Standing: Mr. Krishnananda Rao, Ms. Sandhya, Ms. Shwetha Shetty, Ms. Sandhya D. Bhat, Ms. Mahima, Ms. Navya M, Mr. Rajesh Acharya, Mr. Prasad Prabhu
Teck-KNO’22 – An Intercollegiate competition:

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 to the students about the importance of these competitions in building their career. He motivated the students to become entrepreneurs to serve the society. Dr. Shrinivasa Rao B. R., Vice Principal & CoE presided over the function. In his presidential address he advised the students to give equal importance for their curriculum and extra-curricular activities.

SAMCA Inauguration

Organised the “SAMCA Unplugged” - Inauguration of Student Association of MCA and Fresher’s day on 1st December 2022. Ms. Shubha B, H R Manager, Riskonnect 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 Chipunkar, Principal delivered the presidential address to the gathering and encouraged the students to organise various programs under SAMCA.

South India Level Intercollegiate Fest SEMAPHORE-2023

The South India Level Inter-Collegiate Technical Fest “SEMAPHORE-2023” was held on January 5th and 6th, 2023. It attracted participants from various institutions across the state. Mr. Hemant Kumar, Vice President (Software Engineering) at Fidelity Investments in Bangalore, inaugurated the event. In his speech, he highlighted the significance of continuous learning for achieving success.

Talk on “How to enhance your Technical Skills” by Mr. Harsha Aithal and Ms. Geetha
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.

**Workshop on “Hands-on : Introduction to IoT tools and applications”**

The MCA Department organized a workshop titled “Hands-on: Introduction to IoT Tools and Applications” on January 21, 2023. The resource person for the workshop was Mr. Ranjit Kolkar, a Research Associate in Information Technology at NITK, Surathkal. During the workshop, he conducted demonstrations on developing mobile applications using MIT app inventor and explained how to connect IoT hardware devices to the applications. He also provided insights into the available tools for storing and analyzing data in the cloud.

**Project Exhibition**

The Department of MCA organized a project exhibition called “MCA-exPro’22” on February 9th, 2023, within the department premises. The exhibition aimed to display the project work undertaken by the students of the department and promote innovative projects that contribute to society.

**Sports Day**

SAMCA (Student Association of MCA) at NMAMIT, Nitte organized a Sports Day on February 10th, 2023. The event was inaugurated by Dr. Surendra Shetty, Professor and Head of the Department of MCA. Both faculty members and students actively participated in a variety of sports activities.

**Farewell Program**

The Student Association of MCA (SAMCA) in association with the Department, NMAMIT, Nitte bid farewell to the outgoing students of final year MCA on 11th February, 2023 in Sambhram Auditorium. Principal Dr. Niranjan N. Chiplunkar was the chief guest for the farewell ceremony.

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**Faculty - Department of Master of Computer Applications**

*From left to right*

**Sitting:**
- Mr. Arhath Kumar
- Mr. Balachandra Rao
- Dr. Pallavi Shetty
- Dr. Mamatha Balipa
- Dr. I. Ramesh Mithanthaya
- Dr. Niranjan N.
- Chiplunkar
- Dr. Shrinivasa Rao B.R.
- Dr. Surendra Shetty
- Dr. Mangala Shetty
- Dr. Spoorthi B. Shetty
- Ms. Saritha Shetty

**Standing:**
- Mr. Praveen K. Devadiga
- Ms. Shobha
- Mr. Harshavardhana
- Mr. Sadashiva N.
- Mr. Puneeth B. R.
- Mr. Keerthi Shetty
- Ms. Harshitha G. M.
- Ms. Vishali Karkera
DEPARTMENT OF BASIC SCIENCES & HUMANITIES

DEPARTMENT OF PHYSICS

Materials Science and Mathematics for Advanced Technology (MSMAT 2022)

The second International Conference on Materials Science and Mathematics for Advanced Technology (MSMAT 2022) was conducted on 22nd & 23rd December 2022 under the multi-conference platform of ICETE. The conference MSMAT-2022 was jointly organized by the Department of Physics, Chemistry and Mathematics, under the Basic Science stream, with the main scope of offering diverse sessions on the on-going developments and applications of materials science and mathematics in designing modern technology.

The keynote speaker of the conference Dr. Harish Barshilia, Chief Scientist & Head of the Department at Surface Engineering Division, CSIR-National Aerospace Laboratories, Bangalore, India, spoke on “Advanced materials and nanostructured surfaces for engineering applications – current status, challenges and opportunities”. Dr. Ganesh Shimoga, Research Scientist in SINTEF Industry, Norway gave a talk on “Bio-inspired soft robotics”. Dr. Ashok Rao, Former Head, Network Project, CEDT, IISc., Bangalore and Founder and Mentor, of Vidyakosha, Pvt. Ltd, Bangalore delivered a talk on the Topic: “Changing faces of mathematics and its applications”.

DEPARTMENT OF HUMANITIES

A day’s Communicative Competence Enhancement Session, ‘Miles Ahead India’, was offered to the R&D Engineers of Hexmoto Controls Private Limited Mysore on 18 May 2023 at Hotel Silent Shore, Mysore. 24 employees of the company participated in the day long interactive sessions facilitated by Dr. Vishwanatha, Associate Professor, Department of Humanities, NMAMIT.

DEPARTMENT OF MATHEMATICS

Conducted an online talk by Dr. Shashidhara R, Tech Lead, Blockchain R&D, Wipro Technologies, Bengaluru on the topic “An insight to cryptosystems & Blockchain Technology” on 29th April, 2022 in for 4th semester AIML and CCE branch students.

Organized a three-day Faculty Development Programme On “Teaching Mathematics Using MATLAB” from 4th to 6th April 2023. Training session was given by Mr. Rakshith B S, Associate Manager- Application Engineer, CoreEL Technologies, Bengaluru.
Faculty - Department of Chemistry

From Left to Right:
Sitting: Dr. Subramanya I. Bhat, Dr. Ramesh Bhat, Dr. Janardhan Nayak, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean - Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Shivaprasad Shetty M (HoD), Dr. Aarti S. Bhat, Dr. Santhosh Tiwari, Dr. Sarvajith
Standing: Mr. Jayarama Shetty, Ms. Prathvi, Mr. Vishwanath Nayak, Mr. Sathish Kulal

Faculty - Department of Humanities

From Left to Right:
Sitting: Mr. Srinivas Nekkar, Ms. Shyla Mendonca, Ms. Rashmi Hegde (HoD), Dr. I. Ramesh Mithanthaya (Vice Principal & Dean - Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Ramakrishna B, Dr. Vishwanatha, Dr. Joy Elvine Martis, Dr. Jnaneshwar Pai Maroor
Standing: Ms. Sudeeksha Pai, Ms. Shwetha Bharath, Ms. Sonia Lobo, Mr. Yogeesh Shetty
Faculty - Department of Mathematics

From Left to Right:

Sitting: Dr. Sharad Hegde, Dr. Shashirekha B. Rai, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean - Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Kumudakshi (HoD), Dr. Chaithra K, Dr. Vasanth

Standing: Ms. Bhavya K, Ms. Sharmila, Ms. Anjana Pai, Ms. Soumya A, Ms. Smitha G.S, Ms. Bhavya D, Ms. Anitha D. Bayar, Ms. Vinaya A

Faculty - Department of Physics

From Left to Right:

Sitting: Dr. Raghavendra Bairy, Dr. Manjunatha K. B, Dr. I. Ramesh Mithanthaya (Vice Principal & Dean - Academics), Dr. Niranjan N. Chiplunkar (Principal), Dr. Shrinivasa Rao B. R. (Vice Principal & CoE), Dr. Shobha R. Prabhu (HoD), Mr. Shekar Poojary, Dr. K.T. Satyajith

Standing: Mr. Srinivasa Kudva, Dr. Nagraj B. S, Dr. Shyam Prasad K, Ms. K.S.Latha
Placements for the 2022 & 2023 batch:

<table>
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I. Industrial exposure:
Adobe conducted a virtual interview and selected seven of our students in their 6th semester for internship and the internship duration will be 19th June 2023 to 5th August 2023.

II. Orientation:
**Freshers’ Orientation Programme – 28th July 2022**
FOP Volunteers training - 18th July 2022, 25th to 27th July 2022 - Training of student volunteer from 3rd and final year students with the assistance of 2022 passed-out students was done at Abhyuday Freshers’ Orientation Programme was organized by Team Abhyuday for the first batch new entrants to the Engineering course under Nitte (DU). The FOP was held at Sadananda, the Open Air Auditorium on 28th July, 2022.

III. Placement-related:
**Employment Readiness Programme**
Employment Readiness Programme classes for sixth-semester students concluded which were commenced in the month of March with the completion of 7 training modules for the students.

**Six Practical Sessions on Group discussion**, skills and techniques as an extension of ERP conducted by Dr Jnaneshwar Pai and organized by Team Abhyuday with the assistance of Faculties coordinators and senior student volunteers for the sixth semester students - 4th, 5th, 6th, 11th, 12th, 13th April 2022 at Sadananda for 1.5 hrs.

**Placement Orientation Session for MTech students on 7th December 2022** by Mr. Bharath G Kumar, HoD, Abhyuday and Mr Ankith S Kumar, Counsellor conducted sessions and training programmes on soft skills for all the current final year students through Microsoft teams on placement related information and soft skills.

**Placement session/Address by Alumni:**
- **a.** Session on Data Structures and Algorithms by Mr. Ujjwal Yadav (Amazon placed) on 9th June 2022 & 16th June 2022 for students from pre-final year CSE and ISE and 2nd year CSE, ISE, AI and CCM streams.
- **b.** Address by Mr. Sushil Kumar, Alumnus – Civil - Batch of 2017 for Allegion registered students - 24th June 2022.
- **c.** Session by seniors for Twilio registered 3rd year students - 12th November 2022 - 341 students were present for the session.
- **d.** Virtual Informatica Alumni Tech Talk Session- 14th March 2023 by Ms. Devika Rao (2022 batch) and Ms. R. Shwetha (2023 batch) on the topic “What are the Tech skills expected in Corporate from Freshers?”

**Other Activities:**
**One day Workshop on “Knowing our Adolescents and Working in Harmony with them” - 18th October 2022:**
In Commemoration of World Mental Health Awareness Month, October- Abhyuday - The Department of Counselling, Welfare, Training & Placement organized a One Day Workshop for the Faculty. Prof. Shalini K Sharma, Former Head of Abhyuday was invited as the Resource...
The Workshop began with a brief inaugural program presided over by Shri Yogeesh Hegde, Director-Campus Maintenance & Development. Mr Bharath G Kumar, HoD - Abhyuday, introduced the guest and welcomed the gathering. Mr Ankith S Kumar, Counsellor hosted the program. Prof. Shalini K Sharma explained the student’s expectations from the teachers, the adolescent's behaviour, impact of childhood trauma on their development. Case studies of students with problems were discussed to get an understanding of students' problems. Mr Ankith Spoke about identifying and referral systems for students with problems. Mr. Shri Ram Marathe, Asst Professor, Civil Engineering Department spoke about Effective criticism.

22 faculty participated in the workshop from NMAMIT, Dr NSAM First Grade College and Dr NSAM English Medium High School.

Corporate Sessions/Meetings attended/Visit to company by Head – Placement/Placement coordinators:

1. Defining Possibilities - MindTree Placement Officers’ Meet with CEO and MD at Bangalore – 13th & 14th May 2022
2. Twilio College Engagement session on “Things to know before your campus interviews start” by Ms, Shruti Barman, Sr. Software Engineer, Twilio – 19th May 2022 for 3rd year CSE and ISE students.
3. Wipfi India Campus Collaboration – Virtual talk - Bridging the Academy and Industry - Understanding and next steps – 6th June 2022
4. Partnership for Fintech Certification for NMAMIT Students by Edgeverve – 8th June 2022
   Mr. Rajeshwar Rao, AVP - Head Talent Acquisition, Edgeverve Systems visited NMAMIT on 8th June 2022 to present an exciting partnership proposal with Fintech. Fintech Preplacement Talk for third year students was held in two batches as follows:

5. International Placements:
   Zenken basically act as a bridge company between Indian universities and Japanese firms for Japanese Placements. Zenken also have hired Indian students for IT and Diversity departments and have helped more than 200 students get placed in reputed companies in Japan.
   A good number of students have been placed through Zenken Team in companies like ANDPAD, MIRAIC Inc., Mamiyya IT Solutions, Japan Research Institute, Limited, Belc Co. Ltd., Temairazu, Bravosoft, GA Technologies, PLAN-B Inc, Santec Corporation, DNP Information Systems, TEL-MIC Co.Ltd., Eight-Japan Engineering Consultants Inc., Morimatsu Industry Co.Ltd., Koshin Limited, Kimura Seal Corporation, Lakeel, Inc., FUJI SEIKO, Honda Electronics & PICA Corp and also the students were placed through direct recruitment to companies like Nidec and Kajjo Corporation.
6. University Connect – Kyndryl Global Services and Nitte University – 2nd July 2022
   The agenda included overview of Kyndryl as a company in the market and its strategy, set up Early professional hiring process with Kyndryl, Initiate Internship program with Kyndryl and Discussion on job roles, skills needed for the above programs. Dr.Venugopal, Dr.Ashwini & Mr. Punith were present along with Head, Training & Placement.
8. Catch Them Young (CTY) Project, HPE’s initiative for 3rd year students:
   HPE has come up with CTY project, i.e Deeper early engagement with colleges to build industry ready engineers on HPE technologies with required competencies for 3rd year students through Hiring & nurturing the right talent. Students will get an opportunity to work on industry problems with cutting edge technology & they will be ready to contribute from the day one after hiring. This engagement will enable HPE to evaluate the right talent for hiring.
10. Redbus Virtual Connect session by Mr. Rithish Saralaya (Senior VP for the Engineering Team), Redbus for HoDs. of CSE related branches - 1st March 2023.
11. Talk on ‘Career opportunities in the Department of Atomic Energy’ by Shri C Premjith and Shri Gaddam Pentaiah from the Department of Atomic Energy, Indira Gandhi Centre for Atomic Research (IGCAR) - 1st March 2023. 171 students from pre-final and final year students including M.Tech were present.
   It was an honour for us to host our guests, Mr. Tsutomu Nakane, Consul-General, and Mr. Dolwin Cuthina, Advisor, the Consulate-General of Japan in Bengaluru at our Campus. The Consulate inaugurated the Techno Cultural Center and the formal function was organised in Sambhram followed by a wonderful cultural program on the theme of Tulunadu Vaibhava for our guests.
13. Virtual TCS Digital offer test discussion to explain about TCS Digital offer for TCS Ninja selected students (by conducting a test on 22nd March 2023) – 3rd March 2023.
14. NETTUR TECHNICAL TRAINING FOUNDATION (NTTTF) talk for 3rd year Mechanical and EEE students regarding various specialized courses offered by them – 11th March 2023 - 52 students were present.


17. Launch of Software “Aptitude and Coding Skills Assessment portal for our Crack the Campus (CTC)” developed by six of our final year students from ECE and CSE – 17th April 2023.

18. Redbus Hackathon – 20th April 2023 – 9.30 to 5.30 pm – 94 registered and 85 participated in the Hackathon conducted in 15 groups.

19. Talk on International Placements by Mr. Harikrishna Bhat – 13th April 2023

20. Bosch University Connect Session – 21st April 2023 at Bangalore – The agenda included Meet & Greet, Biec Tour, Context Setting, Introduction and About Bosch, Avenues with Bosch and Way Forward, Q&A.

Mr. Bharath G. Kumar and Dr. Grynal Dmello attended the meeting.

VI. Signing of MOUs:

a. Fintech/Finacle (Edgeverve - a subsidiary of Infosys) – 9th February 2023

b. Accenture’s Initiative on Japanese Language course

Accenture is offering Japanese Language course to the colleges in Karnataka. An MOU was signed with Accenture for the same. A virtual meet was held on 30th August 2022 with the Placement Officers by Accenture team. The initiative is mainly aimed to train the students who would be graduating in the year 2026 as the course consists of 5 levels and this initiative will 3 levels i.e., N5 to N3 levels and it requires 3 years to complete and other students are also welcome. 100 students have registered from 1st and 2nd year and 78 sessions were conducted from 19th December 2022 till 2nd May 2023.

VII. Other activities:

a. AIKYA 2023 – 25th February 2023:

AIKYA 2023 - a mega event organized collectively by the 14 clubs under Abhyuday Banner on 25th February 2023 in Sambhram. AIKYA which stands for Abhyuday’s Interconnected Kala Youth Association is a culmination of all the club activities.

b. 11th National Creativity Aptitude Test (NCAT):

143 students registered, 10 participated in the NCAT 1st round, 4 qualified for Round 2 and the All India Ranks of Round 2 for 3 students were Shrikrishna (13), Swasthika (15) and Prakyath D Shetty (68).

5 students have registered for NCAT 2023 and the 1st round was active from 10th April to 30th April 2023.

VIII. Worthy Student Initiatives:

1. SaCA Club:

a. Training in Resume’ writing for MCA students by SaCA – 18th August 2022

b. Soft Skills & Employability Training for 3rd year EEE students in association with SaCA on 3rd and 5th November 2022 afternoon – 62 students were present.

c. Soft Skills & Employability Training for 3rd year Civil Engineering students in association with SaCA on 14th, 16th & 18th November 2022 afternoon. 57 attended.

d. Placement Readiness Soft skills training (Resume writing, GD and interview skills) for ME pre-final year students by SACA - 14th and 17th December 2022.

e. Placement Orientation and Training for 1st year MCA students by SACA– 2nd February 2023 & 16th February 2023:

The Placement Training for the first year students of the MCA department was conducted by SACA in association with placement department in two sessions:

i. 2nd of February 2023 - This was a half-day program which emphasised on various aspects the students would require for placements in the upcoming year. The event started with Bharath sir briefing the students on the placement opportunities and the different companies that come for campus interviews. The activities done mainly focused on improving Communication skills, public speaking, testing students’ listening skills. 116 students were present and all the participants showed great enthusiasm and made the show successful.

ii. 16th February 2023- Abhyuday along with our SACA club team members conducted a full-day Employment Readiness Programme for first-year MCA students. The team trained the students in essential skills like Self- Introduction, Resume writing, Pick and Speak, Interview skills, Group Discussion, SWOT and placement preparations. 116 students were present.

2. 4 days’ Python Programming classes for VII Sem.
E&C students under the leadership of Ms. Bhargavi Nayak, Final year CSE and President of Finite Loop club, NMAMIT - 14th, 15th, 22nd and 29th September 2022.

IX. Webinars/Education Fair:

1. Webinar by Ziroh Labs on Private Life is Fully Exposed - 23rd April 2022

2. Team, Galvanize hosted an event on “Meet the representatives from Top Universities & ETS, India Officials” -29th May 2022.

3. "Insights into US Universities and TOEFL Test" by Team Galvanize – 12th November 2022

4. IDP team Interactive talk for Civil Engineering students on ‘Higher Studies and Job Opportunities for Civil Engineers in Australia’ – 2nd June 2022

5. IDP’s Free IELTS Webinar for students & Faculties by Mrs. Apoorva Shetty (IDPs Destination Expert-Canada) on Introduction to IELTS test Format and overview, Benefits of IELTS, Taking IDP IELTS in India and Q & A session - 4th June 2022

6. An opportunity for students to virtually meet top USA Universities through IDP - 7th June 2022

7. Strategic alliance meeting with Mr.Raulf Baum, International Recruitment Manager and Melbourne Campus Manager, The Engineering Institute of Technology - 22nd June 2022 with Principal and Heads of the Departments.

8. Study Abroad Opportunities & IELTS Seminar for NMAMIT Students - IDP Education - 13th March 2023

9. International Education Fair by IDP, Mangalore – 30th March 2023

   Abhyuday hosted the International Education Fair at the NMAMIT campus in collaboration with IDP (IELTS exam conducting body) Mangalore on 30th March 2023 from 11.00 am to 2.00 pm. 6 Universities from USA, UK, Australia and Canada participated in the fair. More than 200 students participated in the education fair and found answers to their questions regarding courses, internships and scholarships. Talks about academic collaboration among NMAMIT and International Universities were also held.

10. Orientation for GATE preparation and Aptitude Training by Mr Ganesh Hebbar & Mr Ashith Poojary, representatives from TIME regarding the importance of aptitude training and preparation for GATE - 19th September onwards

11. Police Hackathon – A 36-hour offline Hack event to revolutionize the policing landscape from 21st to 22nd January 2023. The information was shared with 2nd, 3rd and final year students.
Throwball women team won Runner up Trophy in the VTU Mangaluru Zone women’s tournament conducted by St. Joseph College of Engg., Mangaluru on 6 June 2022 and participated in the VTU Inter Zone women Throwball competition organized by KIT, Tiptur on 9 to 10 June 2022.

Kho Kho team won IV place in the VTU Mangaluru Zone Kho Kho men competition conducted at Yenepoya Inst. of Technology, Mijar, on 17 June 2022.

Handball men’s team won the Championship Trophy in the VTU Inter Collegiate Mangaluru Zone Handball tournament organized by NMAMIT, Nitte on 18 June 2022 at B. C Alva Sports Complex Handball Court, Nitte and II Runner up Trophy in the VTU Inter Zone Handball men competition organized by MIT, Mysuru on 25 to 26 June 2022.

Athletic team won Runner up Trophy in March past and also secured over all II Runner Up Trophy in the VTU Athletics Championship 2022 held at SJCIT, Chikkballpura from 27 to 30 June 2022.

Chess women team won Championship Trophy and men team won Runner up Trophy in the VTU Rest of Bengaluru Zone Chess tournament & Men team won Runner up Trophy and women team won III place in the VTU Inter Zone Chess competitions organized by SJMIT, Chitradugra from 22 to 26 June 2022.

Cricket team won the Championship Trophy in the VTU Mangaluru Zone Cricket Men Tournament organized by Sahyadri College of Engineering & Mgt., Mangaluru on 7, 9 & 16 September 2022.

Weight lifting men’s team won the Championship Trophy in the VTU State Level Weight Lifting competition organized by GAT, Bengaluru on 28 & 29 October 2022.

Table Tennis men & women teams won III Place in the VTU Inter Collegiate Mangaluru Zone Table Tennis tournaments organized by SDIT, Mangaluru on 2 November 2022.

Swimming men team won IV Place in the VTU State Level Swimming men & women competition organized by BMS College of Engineering, Bengaluru on 2 November 2022.

Badminton men & women teams won Championship Trophies in the VTU Mangaluru Division Badminton tournaments organized by NMAMIT on 4 November 2022. The Men Badminton team also won Runner up Trophy in the VTU State Level tournament organized by BMS College of Engg., Bangaluru on 8 & 9 November 2022.

Hockey women team won II Runner up Trophy in the VTU State Level Championship organized by Sri Sairam College of Engineering, Bengaluru on 9 November 2022.

Hockey men team won Runner up Trophy in the VTU Mangaluru Division Tournament conducted by NMAMIT, Nitte on 11 November 2022 and participated in VTU State Level Hockey tournament conducted by BITM, Ballari on 6 & 7 December 2022.

Volleyball women team won Runner up Trophy in the VTU Rest of Bengaluru Division competition organized by PESCE, Mandya from 24 to 26 November 2022 and IV Place in the VTU State Level Volleyball women competition organized by PESCE, Mandya on 16 & 17 December 2022.

The Basketball men team won Championship Trophy in the VTU Mangaluru Division Tournament organized by NMAMIT, Nitte 28 November 2022 and participated in VTU Inter Collegiate State Level Basketball tournament conducted by Nitte Meenakshi Institute of Technology, Bengaluru on 2 and 3 December 2022.

The Chess men & women teams won Championship Trophies in the VTU Rest of Bengaluru Division organized by VTU, Regional Office, Mysuru on 1 & 2 December 2022 & men Chess team won Championship Trophy & women Chess team won IV place in the VTU State Level Chess competitions organized by NMAMIT on 5 & 6 December 2022.

The Basketball women team won the Championship Trophy in the VTU Rest of Bengaluru Division & III Place in VTU State Level Basketball women competitions organized by ATME, Mysuru from 5 to 9 December 2022.

The Yoga men & women team won Runner up Trophies in the VTU Inter Collegiate State Level tournaments organized by BCE, Shravanabelagola on 9 & 10 December 2022.

Judo men team won Runner Up & Wrestling men team won IV place in the VTU Inter Collegiate Single Zone Wrestling & Judo competitions organized by VVCE, Mysuru on 12 & 13 December 2022.

Men Cross Country team won the Championship Trophy & women team won IV place in the VTU State Level Cross Country (M&W) Championship conducted by Sri
Power lifting men team secured the II Runner up Trophy in the VTU State Level Powerlifting (M&W) competitions organized by VVCE, Mysuru on 08 & 09 February 2023.

Athletic men team secured Team Championship Trophy and Athletic men and women team secured March past Championship Trophy & Overall Runner up trophy in the VTU Inter Collegiate State Level Athletic Championship conducted at VTU Campus, Belagavi from 20th to 24th May 2023.

**All India and South Zone Inter University Participants Representing VTU from NMAMIT:**

Ms. Nidhishree Devadas, MBA, has participated in South Zone Inter University Badminton Championship held at Jain University, Bengaluru from 21 to 24 November 2022.

Mr. N Gaurav Ajila, CSE & Mr. Adithya Nayak, AI & ML, have participated in South Zone Inter University Badminton men Championship held at Jain University, Bengaluru from 27 to 30 November 2022.

Ms. Alammpu Aaraga, CV & Ms. Shalmika K Jain, ISE, have participated in South Zone Inter University Chess women Championship held at REVA University, Bengaluru from 15 to 17 December 2022.

Mr. Neil Mascarenhas, ISE, has participated in All India Inter University Aquatic Championship held at University of Kalinga Institute of Social Sciences (KIIS), Bhubaneswar, Odisha from 26 to 29 December 2022.

Ms. Fathima Zakiya, RL, has participated in South Zone Inter University Hockey (W) Championship held at Dr. Ambedkar Law University, Chennai, from 26 to 29 December 2022.

Mr. Parthasarathy H M, CSE & Mr. Dithin, Mech, have participated in South Zone Inter University Yoga Championship held at University of Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Odisha from 26 to 29 December 2022.

Mr. Varun G. Naik, Mech, has participated in All India Inter University Judo Men Championship held at Lovely Professional University, Phagwara, Punjab from 2 to 6 January 2023.

Ms. Prapthi S Mally, BT & Ms. Shreeya S Shetty, IS participated in All India Inter University Judo women Championship held at Lovely Professional University, Phagwara, Punjab from 8 to 12 January 2023.

Ms. Prapthi S Mally, BT & Ms. Shreeya S Shetty, ISE, participated in All India Inter University Weight Lifting Women Championship held at University of Calicut, Kerala from 27 to 29 January 2023.

Ms. Spoorthi Shetty, ISE, has participated in All India Inter University Wrestling women's Championship held at SavitriBai Phule University, Pune from 6 to 9 January 2023.

Mr. Deekshith J & Mr. Ranjith S Naik, Mech, participated in South West Zone Inter University Athletic men Championship held at Tamil Nadu Physical Education and Sports University, Chennai from 9 to 12 January 2023.

Mr. Deekshith, Mech, has participated in All India Inter University Cross Country men Championship held at Presidency University, Bangalore on 12 February 2023.

Ms. Lerissa Merril Menezes, ISE, has participated in All India Inter University Powerlifting women Championship held at Central University of Himachal Pradesh from 9 to 12 March 2023.

Mr. Ian Rodrigues, CSE, Mr. Prajwal P, ISE, participated in South Zone Inter University Boxing Men Championship held at SRM Institute of Science & Technology, Kattankulathu (TN) from 10 to 12 March 2023.

Mr. Prathvik & Mr. Jeet B Kotian, Mech, have participated in All India Inter University Weight Lifting men Championship held at Chandigarh University, Mohali from 15 to 18 March 2023.

**Representing Nitte (Deemed to be University) from NMAMIT:**

Ms. Y Nidhi Shenoy, AI & DS, Ms. Mrudul Mascarenhas, ISE, Ms. Hamsha Priya H S, CS & Ms. Pratheeksha Nayak, ISE has participated in South Zone Inter University Chess women Championship held at REVA University, Bengaluru from 15 to 17 December 2022.

Mr. Ninaad Lobo, AIML & Mr. Nidhish Shettigar, AIDS, participated in South Zone Inter University Basketball men Championship held at SRM University, Chennai from 27 to 31 December 2022.

Ms. Shruthi S Anchan, MBA, has participated in All India Inter University Weight Lifting Women Championship held at University of Calicut, Kerala from 27 to 29 January 2023.

Ms. Veeksha, MBA, has participated in South West Zone Inter University Athletic women Championship held at Tamil Nadu Physical Education and Sports University, Chennai from 9 to 12 January 2023.

**Organization of Sports and games events**
VTU Inter Collegiate Mangaluru Zone Handball men tournament was organized by NMAMIT, Nitte on 18 June 2022 at B. C Alva Sports Complex, Handball Court. The tournament was inaugurated by Sri. Sambram S Rao, Former National Hand Ball Player and Alumni, NMAMIT. Dr. Ramesh I Mithanthaya, Vice Principal, NMAMIT and Mr. Shyam Sundar M, Sports Administrator I/C present during the occasion.

In valedictory function Sri. Nithin, Vice Captain, Indian Net Ball men team & Ekalavya awardee, Mr. Siddu R and Mr. Saddam A, National Handball Referees were distributed the individual prizes and trophies to the winners & runners.

**Results of VTU Inter Collegiate Mangaluru Zone Handball Men tournament 2022**

- **I place** - NMAM Institute of Technology, Nitte
- **II place** - St. Joseph Engineering College, Mangaluru
- **III place** - SDM Institute of Technology, Ujiri
- **IV place** - MITE, Moodabidri.

**Individual Prizes**

- **Best Goal Keeper** - Mr. Vedanth, NMAMIT, Nitte
- **Best Player** - Mr. Sharon S Perumayan, SJEC, Mangaluru.
- **Best All rounder** - Mr. Sinchan Shetty, NMAMIT, Nitte

Visvesvaraya Technological University Inter Collegiate Mangaluru Division men and women Badminton tournaments conducted by NMAMIT, Nitte on 4 November 2022 successfully. Total 09 men teams & 08 women teams took participated in the tournaments under Mangaluru Division colleges affiliated to VTU.

The tournament was inaugurated by Prof. A Yogeesh Hegde, Director (CM &D), Nitte off Campus Centre, Nitte. Mr. John D’Silva, Chairman, John’s Sports & Cultural Academy, Karkala and Mr. Shyam Sundar M, Sports Administrator I/C present during the occasion.

NMAMIT both men & women teams secured Championship Trophies in the tournament.

In the prize distribution function Mr. Shyam Sundar M, Sports Administrator I/C, Asst. Prof., Nitte Institute of Physiotherapy and Mr. Karana Kumar, National Grade - I, Umpire distributed the Trophies and Certificates to the winners & Runners. The details of the result mention below:

**Results of VTU Mangaluru Division Badminton Men tournament 2022**

- **I place** - NMAM Institute of Technology, Nitte
- **II place** - Sahyadri College of Engineering & Management, Mangaluru
- **III place** - Sri Devi Institute of Technology, Mangaluru
- **IV place** - Canara Engineering College, Mangaluru

Visvesvaraya Technological University Inter Collegiate Mangaluru Division Hockey men tournament was conducted by NMAMIT, Nitte on 11 November 2022 successfully. Total 05 teams participated in the tournament under Mangaluru Division colleges affiliated to VTU.

The tournament was inaugurated by Dr. B.R. Shrinivasa Rao, Vice Principal & CoE. Mr. Shyam Sundar M, Sports Administrator I/C present during the occasion.

NMAMIT men team secured Runner Up Trophy in the tournament.

In the closing function Mr. Shyam Sundar M, Sports Administrator I/C, NET Campus & Mr. Eswar Prasad, Asst. Prof., Nitte Institute of Physiotherapy distributed the trophies and certificates to the winners & runners. The details of the result mention below:

**Results of VTU Mangaluru Division Hockey Men tournament 2022**

- **I place** - St. Joseph Engg., College, Mangaluru
- **II place** - NMAM Inst. of Technology, Nitte
- **III place** - Mangalore Inst. of Technology & Engg., Moodabidire
- **IV place** - VCET, Puttur

B.C. Alva Memorial Leather Ball Cricket tournament was conducted by NMAM Institute of Technology, Nitte from 2 to 22 December 2022 at B.C. Alva Sports complex Cricket ground successfully. Total 14 men participated in the tournament. The tournament was inaugurated by Sri Sadnanda Shirva, Ex Senior Manager, Karnataka Bank Ltd., and Dr. Ramesh I Mithanthaya, Vice Principal & Dean (Academics) presided over the function.In the prize distribution function, Dr. Niranjan N. Chiplunkar, Principal, NMAMIT & Mr. Shyam Sundar M, Sports Administrator I/C, distributed the Trophies and Certificates to the winners & Runners.

NMAMIT team secured Trophy in the tournament.
Visvesvaraya Technological University Inter Collegiate Mangaluru Division Basketball men tournament was conducted by NMAMIT, Nitte on 28 November 2022 successfully. Total 07 teams participated in the tournament under Mangaluru Division colleges affiliated to VTU. The tournament was inaugurated by Dr. Niranjan N Chipulkar, Principal NMAM Institute of Technology, Nitte. In the closing function Dr. Joy Martis, 1st year Coordinator, NMAMIT and Mr. Shyam Sundar M, Sports Administrator I/C, NET Campus distributed the trophies and the certificates to the winners & runners of the tournament. The details of the result mention below:

**Results of VTU Mangaluru Division Basketball Men tournament 2022**

I place - NMAM Inst. of Technology, Nitte  
II place - St Joseph Engg. College, Mangaluru  
III place - MITE, Moodabidri  
IV place - SMVITM, Bantakal

The tournament was inaugurated by Dr. Subramanya Bhat, Deputy Controller of Examination, Nitte (Deemed to be University), Nitte Off Campus, Nitte. Dr. Niranjan N. Chipulkar, Principal, NMAMIT presided over the function.

NMAMIT men women team secured Championship Trophy and women team IV Place in the tournament.

In the closing function Mr. Shyam Sundar M, Sports Administrator Incharge distributed the trophies to winner and runner up teams.

VTU Mangaluru Division Cricket men tournament was conducted by NMAM Institute of Technology, Nitte from 14 to 19 March 2023 successively. The tournament was inaugurated by Sri Sadananda Shirva, Ex. Senior Manager, Karnataka Bank Ltd. Total 14 teams participated in the tournament affiliated to VTU Mangaluru Division.

In the prize distribution function, Dr. K. B. Vijaya Kumar, Red. Professor, Mangalore University & Adjunct Professor, NMAMIT, Nitte and Dr. Fazlu. Rehaman, Principal, AITM, Bhatkal distributed the trophies to winner and runner up teams.

**Results of VTU State level Chess men Men tournament 2022**

I place - NMAM Institute of Technology, Nitte  
II place - BMSCE, Bangalore  
III place - BMSIT, Bangalore  
IV place - RVCE, Bangalore

The tournament was inaugurated by Sri Ashok Adyanthaya, Honorary President, Udupi District Amateur Athletic Association with the presence of Prof. Yogeesh Hegde, Director, Campus Maintenance & Development, Nitte Off Campus Centre. Dr. Niranjan N. Chipulkar, Principal, NMAMIT presided over the function. KSHEMA Cricket team won the Champion in the “Justice K. S. Hegde Memorial Trophy”, T-20 Cricket tournament held on 16 April 2023. ABSMIDS secured Runner-up in this competition. In the prize distribution programme, Sri. Ashok Adyanthaya, Industrialist and Honorary President, Udupi District Amateur Athletic Association and Dr. Vishwanatha, J. S, Asst. Professor, Mechanical Engineering distributed the trophies to winners and runners. Dr. Himanshu from KSHEMA secured the best all-rounder award.
Annual Sports Day

The 37th Annual Sports Day was conducted on 14 March 2023 at B.C. Alva Sports Complex Athletics Ground, Nitte. Sri. Gunapala J, Ex Athlete, NMAMIT & Police Sub Inspector, Mescom Vigilance Police Station, Mangaluru was the chief guest and inaugurated the meet. Dr. Ramesh I Mithanthaya, Vice Principal & Dean Academic presided over the function. Sri. Ashok Adyanthaya, Honorary President, Udupi District Amateur Athletic Association, Prof. A. Yogeesh Hegde, Director (CM & D), Nitte Off Campus Centre, Dr. Srinivas B Rao, Vice Principal & COE and Sri. Shyam Sundar M, Sports Administrator I/C present during the occasion.

In student’s athletic events, Mr. Manoj Binnal, VI Sem, Information Science has secured best Athlete in men section & Ms. Siona Rodrigous, 1st year, Chemistry cycle has secured best Athlete in women section. Athletic and recreation events also conducted to the staff members during the sports meet.

In the March Past competition, Post Graduates, 1st year Physics Cycle & AI & ML secured the cash award with I Place, II Place & III Place respectively and the staff team awarded with consolation prize.
All India University Sports Achievers
All - India University (South Zone)
Sports Achievers

Hamsa Priya H S
Chess

Mrudul Mascarenhas
Chess

Nidish
Basketball

Ninaad Lobo
Basketball

Pratheeksha Nayak
Chess

Shruthi
Weight Lifting

Veeksha
Athletics

Y Nidhi Shenoy
Chess

Nidhi
Basketball

Manoj
Basketball
Hockey - Men
Handball - Men
Hockey - Women
Kho Kho - Men
Power Lifting - Men
Swimming - Men
Table Tennis - Men & Women
Winners - NMAMIT Team - B. C. Alva Memorial Leather Ball Cricket Men Tournament

Throwball - Women

Volleyball - Women

Weight Lifting & Best Physique - Men

Wrestling & Judo - Men & Women

Yoga - Men & Women

NU Chess - Women

Winners - NMAMIT Team - B. C. Alva Memorial Leather Ball Cricket Men Tournament
VTU Handball Tournament inaugurated by Sri Sambram S Rao, Former National Handball player

Badminton Men & Women Tournaments Inaugurated by Prof. A Yogesh Hegde, Director (CM&D)

VTU Basketball Men Tournament – Inaugural address by Dr. Niranjan N. Chiplunkar, Principal

VTU Mangaluru Division Men Cricket Selections

Inauguration of B. C. Alva Memorial Leather Ball Cricket Men Tournament

Inauguration by Dr. Shrinivasa Rao B. R., Vice Principal & CoE

Inauguration of the VTU State Level Chess Men and Women Tournament by Dr. Subramanya Bhat, Deputy CoE, Nitte Off Campus

Inaugurated by Sri Ashok Adyanthaya, Honorary President, UDAAAA
Conducted an online talk, “HOW TO BE PLACEMENT READY?” on 15th September 2022. The event tested the familiarity with logos and 312 students participated in this event. The event was hosted by Ms. Amrita Kumari, Third Year IS and Mr. Ziya Mahammad, Software Development Engineer, Swiggy was the spokesperson.

Conducted a talk on the topic “Cyber Security Awareness” on 17th September 2022. The speakers were Mr. Vishal and Mr. Manoj, 2nd-year students.

Conducted a meeting on the topic “Crypto Investment Workshop” on 22nd September 2022. Mr. Harsh Kumar, Third Year IS was the speaker and the goal of this event was to educate how decentralized money like cryptocurrency works.

Conducted a “Shutter hunt” on 30th September and 1st October 2022. There were two winning teams.

Conducted inauguration of student branch activities for the year 2021-22 on 20th November 2021. Mr. Arun Kudur was the chief guest. Dr. Sharada Shenoy welcomed the gathering. CSI Secretary Ms. Naija Shetty gave insight into CSI and its activities at our college and read the reports of the CSI events which were held the previous academic year. The certificate distribution to executive committee members of CSI for AY 202-21 was held. CSI student branch Chairperson Ms. Vaishnavi presented the plans, and Vice Chairman Ms. Siya Shetty introduced our esteemed chief guest to the audience. The chief guest encouraged the students to keenly observe society and try to find solutions...
that will help the common people around them. The 3 issues of the yearly magazine of CSI were released and CSI treasurer Mr. Prajwal Kumar Bhat concluded the event with her vote of thanks. Dr. Udaya Kumar Shenoy, HOD CCE, Dr. Jyothi Shetty HOD, CSE, Dr. Surendra Shetty, HOD MCA, Dr. Sudesh Bekal, Dean R&D, and faculty members from IT-related branches attended the event.

Events held were:
‘Black Wall’ - 20th October 2022. 37 teams participated in total
‘Piction the Emotion’ - 24th October 2022 to 26th October 2022 via google forms. The participants were asked to decorate their rooms with all the things they thought made Diwali and upload the picture
‘Eggheads’ - 5th November 2022
‘Annyeong World’ - 10th November 2022
‘Sociomain’ - 12th November 2022
‘Get Set Go’ - 21st November 2022
‘Code It Less’ - 4th February 2023
‘BugBash’ - 25th February 2023
‘The Art of Resume Writing’ - 22nd March 2023 - Resource person for this session was Ms. Vaishnavi Kundeshwara Bhat, CSI Chairman and an intern at Prepfully (Netherlands based).
‘DEVAPP 2.0’ - 23rd March 2023
‘Enhancing vision with CNN’ - 28th March 2023 - 25 attendees
‘The Web We Weave’ - 1st April 2023 - 33 attendees
‘IELTS Masterclass’ 6th April 2023 - 20 attendees
‘MYSQL Bootcamp: Zero to Mastery’ - 10th April 2023 - 40 attendees.
‘Node.js Workshop’ - 13th April 2023 - 40 attendees.

The Computer Society of India held a workshop on Android development ‘Devapp’ on 1st December 2022. The workshop’s main objective was to teach the students the basics of Native Android Development using Java. Resource person overseeing the workshop was Dr. Shabari Shedthi B, Dept. of CSE.

A two-day workshop on Applied Artificial Intelligence called the ‘Ai-Conic Explorations’ was conducted by CSI on the 9th and 10th of December. The spokesperson for this event was Mr. Chris Xavier Mathias, a final-year student from the Computer Science and Engineering branch.

The Computer Society of India, NMAMIT Student Branch held its first web domain event ‘TechFusion’ was a two-day online workshop held from 14th to 15th December 2022. The resource were Mr. Goutam Naik, founder of Athrved, and Mr. Akshay Khoje, an upcoming summer intern at Mastercard COEP Pune.

The Computer Society of India, NMAMIT Student Branch held its first competitive programming domain event “Codex Tech”, an online session held on 21st December 2022 at 8 PM. The event was organized by Ms. Amrita Kumari [4NM20IS053], and Ms. Krithi [4NM21CS081]. The resource person overseeing the workshop was Ms. Soumya Pathak, programmer analyst at Oracle also currently a 4th-year student at NMAMIT.

‘Internship Readiness: Essential Skills and Preparation’ - 4th February 2023. The resource persons were Mr. Tejas Baliga, an upcoming intern at Daimler, and Mr. Harsh Kumar, the CSI Webhead

In collaboration with Access (Department of Computer and Communication), conducted a programme ‘Classic Tech Charades’ on 11th February 2023.

‘Universal Trivia’ - 18th February 2023

Conducted “Placement Talk”, an online session held on 25th February 2023. Resource person for this session was Mr. Yashas KS, a student of NMAMIT who is also currently an R&D intern at Hewlett Packard.
HAM RADIO CLUB

FLUID POWER SOCIETY OF INDIA

INDIAN WELDING SOCIETY
Session on Network Theory: A seminar on circuital network theory was conducted on the September 03, 2022 by Mr. Ravindra K.S. (Assistant Professor, ECE Dept, NMAMIT, Nitte).

IEEE Technical Quiz: The IEEE Technical quiz was conducted on 29th of September 2022. The facts about IEEE were presented in the form of fun mind-bending questions and puzzles. Fifteen teams participated in the event. Mr. Sonal Shashikanth (IEEE STB345 Secretary) took up the role of quiz master.

IEEE Technical Talk on “How to draft and publish research articles”: IEEE SB organized a talk on “How to draft and publish research articles”. The talk was organized by Dr. Rajalaxmi Samaga (P.G Coordinator, NMAMIT, Nitte) and Dr. Venugopala PS (HOD of dept of AI&DS, NMAMIT, Nitte). The guest speaker, Dr. K N Manjunath (Associate Professor, CS Dept, MIT, Manipal) covered the essential aspects of the publishing.

IEEE Day: IEEE SB celebrated IEEE Day on October 06, 2022. The Chief Guest for the day Dr Annappa (Co-chair Students Activity Centre Bangalore section) who delivered a presentation on the topic “Knowledge Enrichment and Professional growth through IEEE Membership”.

IEEE Technical Talk on “Coding Skills Hacker Rank & GitHub Platform”

A session on “Coding skills, Hackerrank and GitHub platform” was conducted jointly by Dr. Sumathi and Dr. Manjula Gururaj Rao. The session was coordinated by Dr. Usha Divakarla.

IEEE Technical Talk on “Next Computer for vehicles”: Four industry professionals from Bosch Global Software Technologies, Bengaluru namely, Mr. Hassine Chandrashekar, Mr. Jagadeesha C.R., Mr. Ragavendra Muliya and Mr. Santhosh N.M provided the students with the insights into BGSW and several processes, technologies, products and protocols utilized, developed, marketed and used by Bosch in their automotive systems.
Faculty Development Program on “Cyber Physical Systems”: IEEE SB organized a three-day Faculty Development Program on “Cyber Physical Systems” from 26th to 28th September 2022 in association with the Department of ECE, IQAC NMAMIT, and Educational Activities Committee, IEEE Mangalore Subsection. The programme was inaugurated by Shri. Guruprasad S., Vice President & Global Director, Bosch Global Software Technologies Private Limited. The programme was inaugurated by Shri. Guruprasad S., Vice President & Global Director, Bosch Global Software Technologies Private Limited. Dr. Saritha Arun Kumar, EMEA Lead, Executive Security Advisor, IBM X-Force Command Center, England, UK, Dr. Kiran M., Assistant Professor, Dept. of Information Technology, NITK, Surathkal, Dr. Gangadharan K. V., Professor, Dr. Pruthviraj U., Assistant Professor, Centre for System Design, NITK, Surathkal, Dr. Sankalp Shrinand H., Technical Lead-EDAS, Mercedes Benz, Bengaluru, Mr. Sudeep from J. N. N. College of Engineering, Shivamogga and Mr. Manish, Aviation Club, NITK, Surathkal were the resource persons. Dr. Vahid Motevalli, Director, School of Science, Engineering & Technology, Penn State Harrisburg was the chief guest for the valedictory programme.

Annual General Meeting: Annual General Meeting of the student branch held on March 04, 2023.

PhD Research Scholars Colloquium: IEEE Mangalore subsection and IEEE Student branch of NMAM Institute of Technology, Nitte jointly organized the flagship event of IEEE MSS “PhD Research Scholars Colloquium” on March 18, 2023. The event was inaugurated by Dr. Niranjan U C, Director (Research and Training), Manipal Dot Net Private Ltd. Manipal. Dr. Mohit P Tahlilani, Chair, IEEE Mangalore Subsection was the guest of honor. Dr. Niranjan N Chiplunkar, Principal of NMAMIT, Nitte presided over the function. A book of abstracts was released by the guest during the function. The sessions were chaired by Dr. Niranjan U C, Dr. Manjunath K N, Dr. Sathyanarayana S V, Dr. Pallavi Mane, Dr. Sourav Kanti Addya, Dr. Vinay Kumar Jadoun, Dr. Poornalatha G and Dr. Mustafa Basthikodi. In the afternoon a panel discussion on “PhD Research: Opportunities and Challenges” was held. Dr. Niranjan U C, Dr. Niranjan N Chiplunkar, Dr. Poornalatha G, Dr. Sathyanarayana S V and Ms. Ashwini Holla discussed various problems faced by the researchers and suggested the possible solutions. The best paper presentation awards were given during valedictory function.

SHE CODES: IEEE WIE Mangalore Subsection in association with NMAMIT Student Branch and HackerEarth Hub – NMAMIT conducted “SHE-CODES”, a special online coding contest for female students only from all branches. There were a total of 36 participants.
Smart Street
A non-technical event named “Street Smart” was conducted by the student chapter of Indian Society of Technical Education (ISTE) and Institution of Engineers, India (IEI), Department of Computer Science and Engineering, NMAMIT Nitte on 22nd September. Mrs. Pallavi K N, IEI & ISTE Co-Ordinator, Department of Computer Science and Engineering, and all the office bearers of IEI & ISTE co-ordinated the event.

Q-Factor 6.0
The ISTE student chapter, Department of Electronics and Communication Engineering, NMAM Institute of Technology had organized “Q-factor 6.0”, an inter branch quiz competition on the 10th of November 2022, from 2:30pm - 4:30pm in LH 303. Mrs. Niju Rajan, Asst. Professor and Dept. coordinator of ISTE student chapter and Mr. Sonal Shashikanth, student of 7th semester ECE, along with the other office bearers co-ordinated the event.

Technical Webinar
ISTE Student Chapter of the Department of Information Science and Engineering has organized an online technical session on “Introduction to AI/ML and AIOps framework (ML – Code as a service)” by Ms. Sukhada Chokkadi, Senior Analyst, Dell EMC, Bengaluru on 20th November 2022 from 2:30 PM to 4:00 PM. Mr. Abhishek S. Rao, Asst. Professor, Dept. of ISE introduced the speaker to the participants. The speaker highlighted the various topics like introduction to Ai/ML, anomaly detection, ML code as a service, AIOps framework, and errors in ML. The session helped in gaining extensive knowledge in the field of artificial intelligence and Machine Learning. A total count of 75 students from the second year ISE benefited from the session. Dr. Karthik Pai B H, Professor & Head of the Department proposed the vote of thanks.

Technical Event
A technical event named “Placement talk” was conducted by the student chapter of Indian Society of Technical Education (ISTE), Department of Computer Science and Engineering, NMAMIT Nitte on 12th February 2023. The targeted audience were 2nd year students. The main aim of this event was to brief 2nd year students about college placements and how to prepare for it and how they can find online internships. It was aimed to guide 2nd year students about how important it is to practice for competitive coding and what are the different platforms to prepare for competitive coding. Around 85 students attended the event making it a success.

Innovation
On 25th March 2023, ISTE student chapter, Department of Biotechnology Organized online talk on “Innovation” by Dr. Smitha Hegde, Professor and Deputy Director, NUCSER, Deralkatte. The speaker stressed upon innovation and its types, importance of being innovative in the present context and patent and its importance.

Robotic Process Automation
ISTE Student Chapter has organized an online technical session on “Robotic Process Automation” by Mr. Lohith B, Program Analyst, Novigo Solutions, Mangaluru on 26th March 2023 from 2:30 to 4:00 PM. Mr. Abhishek S. Rao, Asst. Professor, Dept. of ISE introduced the speaker to the participants. The speaker highlighted various topics like RPA use cases, life cycles, job opportunities, certification courses, and LIVE demonstrations on UiPath. A total count of 90 students from the third-year ISE got benefited from the session.
AeroClub would like to thank our technical coordinator Dr. Gururaj Upadhyaya, Department of Mechanical Engineering, our mentors Mr. Ananth Erasappa (UAV Operator United Nations/ Tata Defense and Aerospace/ Skylark drones), Mr. Karthik Badanidiyoor (UAV Operator - United Nations Peacekeeping/ Operations officer - Infinity Drones), Ms. Sushmita S Shetty (Technical Support Engineer at VMware) and Mr. Ankith Bhandary (Member of Technical Staff - 2 at Oracle) for their constant support and mentoring.

Wright Flight:

Wright Flight was a National level aeromodelling competition held at NITK Surathkal on September 25th, 2022, two teams (6 each team) from Aeroclub participated in the event and won successive 2nd and 3rd place. The 2nd place was won by Aman Kumar Srivastav and team and 3rd place was won by Deekshith Prabhu and team.

Quadcopter Workshop:

Quadcopter workshop was conducted by Aeroclub on 8th and 9th October 2022. The participants were taught the basics of Quadcopter and the electronic components involved in building a Quadcopter. A hands-on experience was also given to the participants wherein they built their own Quadcopter from scratch, the flight controller calibration was also taught to the participants using which they calibrated the quadcopter.

Aerophilia Skydive:

Aeroclub-Nitte secured 1st and 2nd place in AEROPHILIA SKYDIVE 2022 held at Sahyadri college of Engineering and Management, Mangalore. The first place was secured with Deekshith Prabhu as the pilot and the second place was secured with Aman Kumar Srivatsav as the pilot. The competition was held on 12th and 13th of November.

RC Workshop - 3:

Aero Club Nitte conducted RC AEROMODELLING WORKSHOP for all four years of engineering students at NMAMIT college, on 3rd and 4th of December, 2022 where building of radio -controlled planes with electronic components took place.
Outreach Activity:
Aero Club Nitte conducted an outreach program for the students of class 8-10 of NSAM School, NSAM Senior Secondary High School and Nitte Pre-University College on 8th December, 2022. The members of the club volunteered and went to three venues by splitting into a group of two.

Aeroclub Nitte Talk on Quadcopter:
Aeroclub Nitte conducted a talk for the diploma students of NRAM Polytechnic college Nitte on the topic UAV and Quadcopter on 9th December 2022.

Overhaulin Event:
Aero Club Nitte conducted a competition ‘Crack the Crash’ in Overhaulin 2022, a Mechanical department fest conducted by AIMS association held on 9th December 2022. The competition was held in three rounds which were simulation, crash investigation and glider rush.

Boeing Aeromodelling competition (IIT Bombay):
The Boeing-IIT National Aeromodelling Competition is organised at four different zonal levels, namely IIT Bombay, IIT Kanpur, IIT Kharagpur, and IIT Madras. The top three teams from each zone will be selected for the finals, which will be held at RVCE Bangalore on 29th April, 2023. Four teams from Aeroclub Nitte of NMAMIT competed at the first zonal IIT Bombay.

Team 1 - Vivek Kumar (captain), Deekshith Prabhu (pilot), Suhana Shetty, and Swathi G. R.
Team 2 - Sharanya Acharya (captain), Aman Kumar Srivastav (pilot), Gagan G. Nayak, and Nishmitha.
Team 3 - N S K Abhiram (captain), Aditi Bhat (pilot), Sanketh K. K, and Panagesha Vishwa Mithra.
Team 4 - Nayana (captain), Rathan Raj (pilot), Susheel, and Hardhika U.

The competition was held at IIT Bombay on 17th and 18th of December, 2022. Team 2 of Aeroclub Nitte bagged the second position.

Chikmagalur Outreach program Event:
AeroClub Nitte conducted an Outreach program on 27th of February 2023 for the students of 9th standard in Government High School, Chikmagalur District. A team of 6 from Aeroclub along with Dr. Gururaj Upadhyaya (Technical Coordinator of AeroClub Nitte, department of Mechanical Engineering) conducted the event.

Boeing Aeromodelling competition (IIT Kanpur):
Three teams from Aeroclub Nitte of NMAMIT participated in the last zone of Boeing national aeromodelling competition held at IIT Kanpur on 24th and 25th of March, 2023. Out of a total of 79 teams the first place was bagged by the team with Deekshith Prabhu as pilot, Sohan Shetty as copilot, Suchitra Pai and Sathvik as the team members.
Second place went to the team with Aditi Bhat as pilot, Ranjith Bhandary as co-pilot, Deeksha and Nidheesh as team members. The plane carried a total of 24 balls and dropped seven balls inside the dropping zone. The third place was bagged by the team with Suhana Shetty as pilot, Rithesh as copilot, Nishmitha Pai and Vachan as the team members. The aircraft carried 16 balls and dropped a total of seven golf balls.

Flightfury (IIT Roorkee):
“Flightfury” was a national level aeromodelling competition held in IIT Roorkee on 24th and 25th of March 2023. From Aero Club Nitte, one team consisting of five members with Rathan Raj as the captain and pilot had participated and secured the second position in the competition.

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**Python Programming Training Sessions**
In association with the Department of Counselling, Welfare, Training, and Placement conducted Hands-On Training sessions on Python Programming on 14th, 15th, 22nd and 29th September 2022. The resource persons were Ms. Bhargavi Nayak, Final Year, CSE (President, Finite Loop Club), and Mr. Mohammed (Final year ISE). Mr. Nagaraj Pandith, Third Year, CSE (Vice President, Finite Loop Club) assisted in the conduction. A total of 84 participants were present in the training session.

**Kickstart Open Source Journey With Hacktoberfest**
Organized a hands-on session on “Kickstart Open Source Journey with Hacktoberfest” on September 24, 2022. The event was conducted by Nagaraj Pandith, Vice-president of Finite Loop Club, and attended by over 70 enthusiastic students from different branches.

**Web Application Security and Bug Bounty Hunting**
On November 5th, 2022, conducted a hands-on workshop on “Web Application Security and Bug Bounty Hunting” at CSL10. The workshop was led by Mr. Abdeali, Final Year CSE student and Ethical Hacking Head of the Finite Loop Club.

**Data Structures & Algorithms with Java**
On November 12th, 2022, organized a workshop on Data Structures & Algorithms with Java. The workshop was conducted by Mr. Akash Rao, the Program Advisor, IV Year CSE, and targeted 3rd & 4th-year BE students, with a
total of 70+ attendees. The workshop covered important concepts such as Collections, Linked List, Recursion, DFS, and Dynamic Programming, and involved solving problems and challenges using Leetcode.

**FLC Hackfest**

Organized a month-long hackfest for its members from 21st October to 15th January. The hackfest consisted of 23 teams divided into 5 domains - Web Development, App development, Cybersecurity, Artificial Intelligence and Machine Learning, and Blockchain. The hackfest followed an agile development process with three phases - Kickstart, Ideathon, and Hackathon. Each team had two project advisors who were senior members of the club.

**DSA Sprint**

The club concurrently conducted a series of coding contests, known as DSA Sprint. The first DSA sprint was held on 20th November, followed by the second and third DSA sprints on 4th December and 18th December, respectively. These sprints covered diverse problems from various topics and difficulty levels. The content setting team led by K Shravan, III Year, CSE discussed solutions to all the problems on the same day. These sprints provided an excellent opportunity for members to enhance their coding skills, compete with their peers, and receive valuable feedback on their work.

**Club’s Success in External Events**

At the HackOverflow 1.0 - A 3-day National level hackathon organized by the Department of Computer Engineering at PHCET, Navi Mumbai held between 15th March - 18th March 2023 our team won first place. The team comprised Swasthik Shetty, Nagaraj Pandith, and Tanishka Rao from III Year, CSE. Two other teams led by Satwik Prabhu (II Year, CSE) and Aniruddha Upadhye K (II Year, ECE) emerged in the top 20.

At the Web Alley contest held during Tiara 2023 at SJEC, Mangalore, on 23rd March 2023, Team T3 Tribe won first place comprising Nagaraj Pandith and Swasthik Shetty from III Year, CSE.
Events:

- 2nd place in Robowars and 2nd place in BotHockey at Engineer 22, a National Level Technical Fest conducted by ‘NITK, Surathkal’.
- 1st place in line Follower at ‘Tathva, a National Level Fest conducted by ‘NIT, Calicut’.
- 2nd runner up in Robowars and Robosumo event at ‘Technovanza’ conducted by ‘VJIT, Mumbai’
- Participated in the National level Robowars event at BITS Pilani, Goa
- Participated in the international Robowars event held at IIT, Bombay
- 1st and 2nd in RoboSoccer, 1st and 2nd in Line Follower and 2nd and 3rd in Robo Race event held as a part of “Tiara-23” in St. Joseph college, Vamanjoor and also bagged the Overall Championship in the engineering Category.
- 1st place in RoboSoccer and 2nd place in Line Follower in ‘Aerophilia’ an Intercollegiate Fest conducted by Sahyadri College, Mangalore.
- 2nd prize in Line Follower in ‘SENTIA-23’ at MITE, Mangalore.
- Won 1st place in RoboSoccer in ‘Envision’ conducted by Srinivas Engineering College, Mangalore.
- 1st place in RoboSoccer and 1st place RoboRace in ‘Akriti’, Techno-Cultural Fest conducted by Canara Engineering College, Mangalore.
- 1st place in Robowars at “Yensplash” conducted by Yenapoya Institute of Technology, Moodbidri.
June 6, 2022 – world Environment Day

World Environment Day is observed on June 5th, and was celebrated at Udyavara boat pool, 6(Kar) Naval unit NCC, where the cadets of NMAMIT Naval Subunit and other Sub units took part. The event was addressed by the respected DC of Udupi, Kurma Rao M, IAS who visited the place taking out his precious time. On this occasion, a total of 35 saplings were planted in the campus, initiated by our Principal Dr. Niranjan N Chiplunkar, and guest Mr.Ashok Adhyanthaya, Nitte, followed by Dr.Shivaprasad Shetty, CTO and the 34 cadets.

June 21, 2022– International Day for Yoga

The 8th International Yoga Day was celebrated all over the world with the theme “Yoga for Humanity”. As a part of it, Mangalore NCC Group Headquarters jointly organized Yoga day with the association of the Ministry of Ayush, under the guidance of Col. N H Bhide, Lt.Cdr Ricky Periera, and all the PI staffs of the NCC units, at Blue Flag beach, Padubidri. Around 500 NCC cadets, including JDs, JWs, SDs and SWs from the Army wing, Navy wing and Air squadron, among which, cadets of 6(Kar) Naval Subunit NMAMIT, have participated and performed various sitting and standing yoga asanas.

3rd July to 13thJuly 2022- Sea Attachment Camp on board INS Magar

Cadets of all wings go through a period of attachment with respective services of the armed forces.

All India Sea Attachment Camp 2022, being one such training in the Naval wing, was held from 3rd July to 13 July 2022, at Southern Naval command on board INS-Magar. The camp had a total of 80 cadets from all over India out of which, 17 cadets were representing Kar and Goa Dte in it. PO Cadet Athul M Bhat, along with two others represented 6 Kar Naval unit.

26th July 2022- Kargil Vijay Diwas

On account of Kargil Vijay Diwas, the cadets of 6(KAR) Naval Subunit NMAMIT, have conducted a 5 Kms Rally via the route Athur-Jodurasthe to Karkala Bus Stand, in order to acknowledge the people about the importance of this day. The cadets have designed marvelous posters and participated in the Rally with great zeal. More than 3000 people in the city have witnessed the Rally.
8th -15th August 2022- Annual Training Camp, Nitte

The first Annual Training Camp of 6(Kar) Naval Unit NCC for the year 2022-23 was conducted at 6(Kar) Naval Subunit, NMAMIT, Nitte from 8th August to 15th August 2022. A total of 396 passionate cadets including SD/SWs and JD/JWs from various subunits of schools and colleges have attended the camp with great zeal. It was the first training camp for many junior cadets and an assessment and selection camp for the senior cadets for the Pre- All India Nau Sainik Camp, to be held at Karwar from 2nd September.

An official closure function was held in the camp site, the Sadananda open auditorium. To display what the cadets had learned during the camp, group-wise marching and the Guard of Honour were showcased.

15th August 2022- Independence Day

Celebrating India’s 76th Independence Day, the national flag was hoisted at NMAMIT Nitte in the presence of the chief guests Mr. Yogesh Hegde and Cdr. Karthik Das.

Nau Sainik Camp-2022

For every Naval NCC cadet, it is a dream to attend All India Nau Sainik Camp. To accomplish this dream, the cadets from different units of Karnataka and Goa directorate arrived to Karwar on 02-09-2022 for the Pre NSC-Phase I to appear for various tests and events and get themselves a place in Phase II.

13 cadets from 6(Kar) Naval Subunit had attended NSC phase-1 out of which 8 had qualified for phase-2 camp held at Karwar.

Cadet Captain Anjan M, P O Cdt Shabari and L. Cdt Rakshith S R from the 6 (Kar) Naval Subunit NCC NMAMIT have participated in the All India Nau Sainik Camp held at Vishakapattanam, Andhra Pradesh. P O Cdt Shabari and L Cdt Rakshith S R represented the Karnataka and Goa directorate in Ship Modeling event and have won Gold Medal.

All India Yachting Regatta-2022

Pre All India Yachting Regatta 2022 was held in Vani Vilasa Sagara, Chitradurga. It was conducted by 3(Kar) Naval Unit Mysuru from 14th October to 6th November, 2022. P O cdt Athul M Bhat and Cdt Saanya D Shetty had attended the camp along with 50 other cadets from different unit.

After a week of 1st phase camp, 12 SDs and 12 SWs ie a total of 24 cadets were selected for the 2nd phase. For the final phase a total of 12 cadets (6 SDs & 6SWs) were selected on the basis of their overall performance.
For the All India Yachting Regatta held at Chilka, Odisha, 6 cadets were provided with kits and 2 of 6 were kit rejected. Cdt Saanya D shetty from the subunit has completed AIYR and was kit rejected.

Pre IGC (RDC-2023)

The phase 1 camp for the Republic Day Camp was conducted from 25th September to 2nd October 2022 at St. Joseph Engineering College, Vamanjoor. The Phase 2 camp was held at Nehru Memorial College, Sullya, Dakshina Kannada from 15th October to 22nd October. The phase 3 camp was held from 23rd October to 31st October at Madanthyar. Cdt Bhavana from the Subunit has successfully completed her selection upto the phase 3 camp.

20th November 2022- Boat pulling training

Boat pulling session was conducted on 20th November 2022 at 6(Kar) NCC Boat pool, Udyavara by the Unit.

Over 160 cadets from various subunits had participated in the event including the first year as well the senior cadets from our subunit. Cadets were briefed about sailing, parts of DK Whaler and mainly about boat pulling by the senior Cadets who have attended prestigious camps like Nau Sainik Camp and Yachting Regatta Camp and have immense experience in these activities.

All the cadets took part in the event with great enthusiasm and made the event a successful one.

25th November 2022- Puneeth Sagar Abhiyan

On 25th November 2022, cadets of 6(Kar) Naval Unit gathered at the boat pool Udyavara to commemorate the Puneeth Sagar Abhiyan. Around 120 cadets mustered to take part in this drive.

With the motto of cleaning the surroundings near the boat pool, cadets actively participated in the event by picking up non-biodegradable trash, polythene and other waste all around the area.
CO Karthik Das Sir spoke about the importance of this drive and his presence inspired the cadets.

At the end, few cadets gave their views on this abhiyan and refreshment was given to all the cadets.

By this, the event was marked as a success.

**1st & 2nd December 2022 – Kumara Parvatha trekking**

An adventurous trek to Kumara Parvatha on the 1st and 2nd December was conducted by the 6(KAR) Naval Subunit, NMAMIT, Nitte for the 2nd and 3rd year cadets.

The journey from Nitte began at 0600hrs on the 1st of December. A stop was taken at Uppinangady around 0930 hrs for breakfast. On reaching the starting point at 1100 hrs, all the bags were checked by the officials to ensure that no waste is disposed in the woods while trekking.

The actual expedition began at 1145 hrs at the starting point from the Kumara Parvatha trail. The subunit returned to Nitte at 2100 hrs, and finally ended the excursion.

**November 30 – December 7 2022 – CATC held at MIT, Manipal**

Combined Annual Training Camp 2022 was held at MIT Manipal from 30th November to 7th December. On 30th, the cadets of 6(Kar) Naval Subunit, went to the camp site and completed the registration process required for the camp. As the cadets had to attend the trekking organized by the Subunit, they joined the camp on 3rd December.

Cdt Tejas Jain from the Subunit had given excellent performance in firing and was recognized by the CO and PI Staffs.

**15th January 2023 – Yogathon held at End Point Ground, Manipal**

“YOGATHON” an event to mark National Youth Day was held on January 15, 2023, at End Point Ground, Manipal. With the intention to create a Guinness World Record, this event was conducted by the government of Karnataka in 32 different places within the state, Udupi district being one of them.

A whopping 15,000 participants took part. The cadets of the NCC Navy and Army wings were called upon to volunteer for the event. Around 300 cadets were assigned the role of stewards, and 70 were assigned duty near the entrance for check-in purposes. The cadets from our subunit dedicatedly volunteered and contributed to making this program a huge success.
26th January 2023 – Republic day

To celebrate India’s 74th Republic Day, the day which signifies the right spirit of Independent India, people gathered in the B.C.Alva Stadium on 26th January, 2023. The gathering was officially welcomed by Dr. Niranjan N Chiplunkar, Principal of NMAMIT. Flag hoisting was done by Mr. Yashavanth Shetty, EX Sergeant of the Indian Airforce and Principal of MIFSE.

Then the most awaited moment of the programme, the prestigious march past was done by the NCC cadets of Army JD/JW’s and Naval SD/SW’s from our Subunit. Next the chief guest shared his experience while he was in service and spoke about the heroes who have joined the armed forces from our own places. He also inspired everyone to join the armed forces. Later, the vote of thanks was delivered by Sub.Lt. Dr. Shivaprasad Shetty, ANO of 6(Kar) Naval Subunit, NCC, NMAMIT.

The program ended by singing the National anthem and the event was marked as a grand success.

Deputy Director General Commendation Medal (2022-2023)

On 7th February 2023, P O Cdt Shabari and L Cdt Rakshith S R received Deputy Director General Commendation Medal from DDG of Kar and Goa Directorate, Air Commodore B.S. Kanwar for their Gold medal in Ship Modeling in the All India Nau Sainik Camp, 2022.

L Cdt Rakshith S R has been selected for the Overseas Deployment (OSD) to Mauritius, Madagascar, Mozambique and Seychelles to be held from 1st March to 7th April 2023.
Inauguration

National Service Scheme Unit of NMAM Institute of Technology Nitte celebrated NSS day and inauguration of NSS Unit NU Batch on 08 December 2022. The chief guest of the programme was Mr. Shashi Kumar Shetty, NSS Coordinator, Nitte (Deemed to be University) and Assistant Professor and Head, Dept of Medical Imaging Technology, K S Hegde Medical Academy, Deralakatte, Mangalore. Dr Niranjan N. Chiplunkar, Principal NMAM Institute of Technology Nitte in his presidential address stressed upon the importance of NSS and its activities on society and its progress.

Blood donation camp

The National Service Scheme (NSS) NMAMIT, Nitte in association with the Red Cross Unit, 6(Kar) Naval Sub unit NCC, NMAMIT, Lions Club Hiriadka, Rotary Club Nitte, and Association for the interaction of Mechanical Students (AIMS) organized a Blood donation camp in the college campus on 17 March 2023.

NMAM Institute of Technology has been affiliated to the Youth Red Cross Wing of the Indian Red Cross Society Bengaluru in the year 2017. Our college has been arranging training of Youth Red Cross volunteers on topics such as First Aid, Disaster Preparedness, Minimum Competency Skills etc.
Training on Computer Hardware and Networking:
Organized a 10-day training programme on Computer Hardware and Networking from 27th April to 7th May, 2022. A total of 33 rural unemployed students participated. The training programme covered topics such as Hardware identification, Hardware Remove – Test-Replace/Install, windows installation, hardware troubleshooting, PC cleaning, hard drives etc. Prof. Prashanth Kumar Holla, Principal, NRAM Polytechnic, Nitte handed over the certificate at the valedictory. Dr Ramakrishna B., Chief Project Leader coordinated the training programme.

Machine Shop Training (Lathe and Milling)
Organized a Ten-day hands-on training programme in association with the Department of Mechanical Engineering, NMAMIT for the rural unemployed youth in Machine Tools (Lathe and Milling). Training programme started on 11th July, 2022 at Machine Shop of NMAM Institute of Technology, Nitte. A total of 15 candidates registered for the training programme. Dr. Niranjan N Chiplunkar, Principal, NMAMIT, Nitte handed over the certificates at the Valedictory. Dr. Srinivas Pai, Head, Dept. of Mech Engg., Dr Gururaja Upadyaya, Training Programme coordinator and Dr. Srinath Shetty, Resident Engineer were present. Dr Ramakrishna B., Chief Project Leader coordinated the training programme and valedictory function.

CNC Machine Operation, programming and Maintenance
Organized a Ten-day hands-on training programme for the rural unemployed youth in CNC Machine Operation, programming and Maintenance held from 12th –21st January, 2023. A total of 28 students participated. Dr Gururaja Upadyaya, Associate Professor and Training Programme coordinator, Mr. Sathish Kumar Shetty, conducted the training programme. Dr Gururaja Upadyaya, Associate Prof, Dept. of Mechanical Engg, NMAMIT handed over the certificates at the valedictory.

Machine Shop Training (Lathe and Milling)
Organized a 2-week training programme for the rural unemployed youth in Machine Tools (Lathe and Milling) in association with the Department of Mechanical Engineering, NMAMIT. Training programme was started on 16th January, 2023. Mr. Gurumurthy, Mechanic, Mr. Sathish Kumar Shetty, Mr. Stanislaus Mascarenhas, Mr. Santhosh, Attender conducted the training programme. The Valedictory function was held on 30th January, 2023. Dr. Srinivasa Pai, Head, Mechanical Engineering, Dr Gururaja Upadyaya, Associate Professor and Training Programme coordinator was present during the programme.
Krishna Janmastami

Students of NMAMIT, Nitte celebrated Shri Krishna Janmastami on 19th August 2022. The program was organized by NET hostels.

Teachers’ Day & Engineers’ Day Celebrations

NMAM Institute of Technology, Nitte celebrated Teachers’ & Engineers’ Day on 10th September, 2022. Shri. Shree Padre, Rain Water Harvesting Expert, Agriculturist & Editor of Adike Patrike was the chief guest of the function. Shri. N Vinaya Hegde, Chancellor, Nitte (Deemed to be University) presided over the function. A total of 23 teachers of the institute who were awarded the Ph.D degree during the academic year 2021-22 were felicitated on the occasion. Dr. Sneha Nayak & Dr. Louella Concepta Goveas from the Dept. of Biotechnology; Dr. Shaik Kabeer Ahmed, Dr. Ranjith A & Dr. Pushparaj from the Dept. of Civil Engineering; Dr. Raju K, Dr. Raghunandan K R, Dr. Pradeep Kanchan & Dr. Sannidhan M S from the Dept. of Computer Science & Engineering; Dr. Krishna Rao & Dr. Girish Joshi from the Dept. of Electrical & Electronics Engineering; Dr. Sukesh Rao M, Dr. Shrividya G, Dr. Anusha R & Dr. Bommegowda KB from the Dept. of Electronics & Communication Engineering; Dr. Abhir Bhandary from the Dept. of Information Science & Engineering; Dr. Austin Dinesh D’Souza, Dr. Vishwanatha J S, Dr. Dilip Kumar K & Dr. Krishnaprasad S from the Dept. of Mechanical Engineering; Dr. Pallavi Shetty & Dr. Spoorthi B Shetty from the Dept. of Master of Computer Applications and Dr. Sarvajith M S, Dept. of Chemistry were honoured for successful completion of the Ph.D degree in the academic year 2021-22.

Shri. Shree Padre, Rain Water Harvesting Expert, Agriculturist & Editor of Adike Patrike was felicitated with the Engineers’ Day award considering his contribution in the field of Water Resource Management & Agriculture.

The Annual Magazine of NMAMIT – ‘NIDARSHAN 2022’ was released during the program by Shri. Shree Padre.

Tudar Siri

A program ‘Tudar Siri’ was organised by the Tulu Club of NMAMIT on 17th September 2022 to spread the richness of Tulu language. Shri Dayananda G. Kattahalsar, President, Tulu Sahitya Academy was the chief guest for the program.

Dr. Sayegeetha, Dept. of Humanities, Nitte Deemed to be University was the guest of honour. Dr. Niranjnan N Chiplunkar, Principal, NMAMIT presided over the function. Shri Dayananda G. Kattahalsar inaugurated a robot made by the college’s Robotics Club and named it ‘Agoli Manjanna’ during the event.

Kannada Rajyotsava

The 67th Kannada Rajyotsava was celebrated on 31st October 2022 by Isiri Kannada Samithi of NMAM Institute of Technology, Nitte. Well-known classical dancer and actress of Kantara fame, Vidushi Manasi Sudhir inaugurated Divyanka, a celebration to mark Kannada Rajyotsava and Ethnic Day at NMAMIT. Dr. Niranjnan N Chiplunkar, Principal, Dr. I R Mithanthaya, Vice Principal & Dean (Academics), Dr. Shrinivasa Rao B R, Vice Principal & CoE, Sri Yogeesh Hegde Director (CM&D), Dr. Narasimha Bailerki, Dean (Student Welfare) were present on the stage during the inaugural function. Entertainment programs such as drama,
singing, dance etc were well organized by the team during the celebration.

Padma Vibhushan Dr. Veerendra Heggade launched the ‘YakshaMitra,’ an app developed by Prathyaksh and Pranam of the Electronics & Communication Department on 15th November 2022. The app connects users with Yakshagana artists and enthusiastic Yakshagana fans, allows sharing of photos and videos, and receive daily news updates.

Branch Associations & Student Activities for the Year 2022-23

The inauguration of the Branch Associations & Student Activities for 2022-23 by Dr. Rudolph V J Noronha, General Manager, Corporate Communications, MRPL took place at Sadananda Auditorium, NMAMIT, Nitte on 19th November 2022. Dr. Niranjan Chiplunker, Principal, NMAMIT delivered the presidential address and administered the oath to the office bearers. Badges were distributed to the office bearers of different branch associations. Dr. Rekha Bhandarkar, Dy. Registrar, Off Campus Centre, Nitte DU welcomed the gathering. Ms. Maneesh Shetty, BE student introduced the guest to the audience. Dr. Narasimha Bailkeri, Dean (Student Welfare) delivered the vote of thanks. Mr. Tejas Baliga and Ms. Siddhi Shenoy, BE students were the masters of ceremony.

College Day and National Level Techno-Cultural fest ‘Incridea- 2023’

NMAM Institute of Technology, Nitte celebrated College Day on 26th April 2023. Dr. Gururaj H Kidypooy, Director, JKSHIM was the chief guest of the function. Academic toppers and sports achievers were felicitated during the occasion. Dr. Niranjan N Chiplunker, Principal, NMAM Institute of Technology welcomed the gathering and presented the Annual Report for the academic year 2022-23. Dr. I Ramesh Mithanthaya, Vice Principal read out the names of academic toppers. Dr. Ganesh Poojary, Physical Education Director, read out the names of Sports achievers. The team ‘Abhyudaya’ coordinated the prestigious ‘Sanjeeth Shetty Fellowship Award’ ceremony during the event.

‘Incridea-2023’ the National level techno-cultural 4-day fest of NMAMIT was held between 26th and 29th April 2023. Dr. Pradeepa V Samaga, Academician, Renowned Yakshagana
Artist and Resource person for competitive examinations inaugurated Incridea 2023 on 26th April 2023. The function was presided over by Shri. N. Vinaya Hegde, Chancellor, Nitte DU and Director, Nitte Education Trust. Dr. Narasimha K Bailkeri, Dean- Student Welfare delivered the vote of thanks.

‘Shrikrishna Parijatha’ – Welcome dance was performed. An exclusive interaction with Kannada Film Director and Actor and Alumnus of NMAMIT, Mr. Rakshith Shetty – ‘Meet and Greet’ was conducted. Ms. Divitha Rai – Miss India Universe 2022 was the judge for the Fashion show competition. Renowned artists Shirley Setia, Raghava Chaithanya and Progressive Brothers performed during Pronites. A total of 6000 participants from 60 colleges participated in Incridea 2023. 60 various techno-cultural events, exhibitions, stalls etc. were the attractions of this event. was an attractive program. MITE, Moodabidre bagged the overall championship and MGM College, Udupi received the runner-up trophy of Incridea- 23.

Overall Championship in various fests
Team NMAMIT emerged as overall champions in

* State Level Cultural, Technical and Management Fest ‘Sentia 2022’ at MITE Moodabidri on 15th and 16th April 2022.
* State Level Techno Cultural Fest ‘Aakaar 2022’ at A.J Institute of Engineering and Technology, Mangaluru.
Annual Exhibition of Final Year UG Projects-2023 – 8th May 2023
Expro-2023-Annual Exhibition of Final Year UG Projects-2023 was organised In association with ‘wenamitaa’ (NMAMIT Alumni Association). Dr. Somashekara Bhat, Prof, Dept of E&C and Joint Director of MIT, Manipal inaugurated the Expro-23. A total of 283 projects of final year UG students from seven branches of engineering disciplines were exhibited. Dr. Mallikappa Chairman Expro-2022, Professor of Mechanical Engineering, welcomed the gathering and gave an overview of student project programs 2022-23. Dr. Niranjan N Chiplunkar, Principal released the Expro-2022 abstract volume 21. The prizes with certificates were distributed with additional prizes sponsored by ‘wenamitaa’.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the project</th>
<th>Students</th>
<th>Name(s) of Guide(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commendation Prize 1 WENAMITAA</td>
<td>Bioaccumulation of salts by Spirulina platensis grown on alkaline waste water in different bioreactor and their characterisation</td>
<td>1. Anisha 2. Bhavya 3. Ingale Bhagyashree 4. Lokitha P</td>
<td>Dr. Venkatesh Kamath</td>
</tr>
</tbody>
</table>

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</table>
# Computer Science and Engineering

<table>
<thead>
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<th>Title of the project</th>
<th>Students</th>
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</tr>
</thead>
</table>
| III Place        | Free Vibration Analysis OfStructures Using Shm Technique  | 1. Mohammed Zuheak  
2. Mohammad Adnan  
3. Pavana A T  
4. Krishnaraddi Radder  
5. Divyashree | Dr. Shaik Kabeer Ahmed |
| Consolation Prize| Study On Chitosan Based Coagulants For The Removal OfTurbidity From Water | 1. Sheetal S Shetty  
2. Suhith KumarShetty  
3. Nisarga A N  
4. Shrey a U k  
5. Vinay Kumar L | Ms. Deekshitha |
| Commendation Prize 1 | GIS Based Mapping OfBuildingStone Availability In Udupi District | 1. K Sidharth RKamath  
2. Ajay M Naik  
3. Pavan Shetty  
4. Channesh J Vishrath S V | Mr. Janakaraj M |
| Commendation Prize 2 | CT-based predictive Analytics-Based For Urinary Stone Detection: An Integrated Framework | 1. Apeksha Kamath  
2. Apoorva Prabhu R  
3. Bhargavi Nayak  
4. Bhoomika Prabhu | Dr. Saranya P |
| Commendation Prize 3 | Human Action Recognition Vehicle (HAR-V) | 1. Sujan th  
2. Akash L M  
3. Arjun Aravind P  
4. Sanath Kumar Rai P | Dr. Aravinda C V |
| Commendation Prize 1 | Face Tracking and Manipulation Model | 1. Edric Oscar Dsilva  
2. Om Rohit Kansagara  
3. Prahalya Mathias | Dr. Venugopala P S |
| Commendation Prize 2 | Human Action Recognition Vehicle (HAR-V) | 1. Sujan th  
2. Akash L M  
3. Arjun Aravind P  
4. Sanath Kumar Rai P | Dr. Aravinda C V |
| Commendation Prize 3 | Human Action Recognition Vehicle (HAR-V) | 1. Sujan th  
2. Akash L M  
3. Arjun Aravind P  
4. Sanath Kumar Rai P | Dr. Aravinda C V |
| Commendation Prize 4 | Smart TV power Saving | 1. Anurup  
2. S Shishir Bhat  
3. Praval Dsouza  
4. Praanjala Kamath | Mr. Puneeth R P |
| Commendation Prize 5 | Detection Of Melanoma Skin Cancer Using Machine Learning Techniques | 1. Astra Julia Pinto  
2. B Kirthi  
3. Shenoy Nupur Panemangalore  
4. spoorthi Raghavendra Udupa | Ms. Rajashree |

# Electrical and Electronics Engineering

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the project</th>
<th>Students</th>
<th>Name(s) of Guide(s)</th>
</tr>
</thead>
</table>
| I Place          | Heart defect monitoring system using ECG                  | 1. Apoorva A  
2. Jane Peter Lobo  
3. Komal K Asnotikar  
4. Ananya Bhat | Ms. Palimar Aparna |
| Best Project of the Year Award | Heart defect monitoring system using ECG                  | 1. Apoorva A  
2. Jane Peter Lobo  
3. Komal K Asnotikar  
4. Ananya Bhat | Ms. Palimar Aparna |
| II Place         | Micro inverter with lithium-ion battery                   | 1. Chethan  
2. Gagan  
3. K Prajwal Bhat  
4. Kaushik Sen | Mr. Pradeep Kumar |
| Commendation Prize | Micro inverter with lithium-ion battery                   | 1. Chethan  
2. Gagan  
3. K Prajwal Bhat  
4. Kaushik Sen | Mr. Pradeep Kumar |
| Commendation Prize | Micro inverter with lithium-ion battery                   | 1. Chethan  
2. Gagan  
3. K Prajwal Bhat  
4. Kaushik Sen | Mr. Pradeep Kumar |
| III Place        | Monitoring and analysis of farming conditions using IoT    | 1. Apoorva A  
2. Jane Peter Lobo  
3. Komal K Asnotikar  
4. Ananya Bhat | Ms. Palimar Aparna |
| Consolation Prize | Monitoring and analysis of farming conditions using IoT    | 1. Apoorva A  
2. Jane Peter Lobo  
3. Komal K Asnotikar  
4. Ananya Bhat | Ms. Palimar Aparna |
| Commendation Prize | Monitoring and analysis of farming conditions using IoT    | 1. Apoorva A  
2. Jane Peter Lobo  
3. Komal K Asnotikar  
4. Ananya Bhat | Ms. Palimar Aparna |
<table>
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<th>Sl. No.</th>
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<th>Students</th>
<th>Name(s) of Guide(s)</th>
</tr>
</thead>
</table>
| I Place | Automated Sound Healing Bowl | 1. Anand J  
2. Royston Sanctis  
3. Aditya Dinesh Bhat | Mr. Satheesh Rao |
| II Place Commendation Prize | Electric Bicycle with Advanced Technology | 4. Shamant K. S  
5. Sharan  
6. Shetty Ujwal Jayesh Shivakumar | Ms. Ashwini K. |
| III Place Consolation Prize | Detection, Analysis and Classification of Paddy Diseases using Image Processing Algorithms | 1. Harsh Satish Patkar  
2. Kota Sharan Pai  
3. Manodeep Gupta  
4. M Shrinivas Prabhu  
5. Karthik C Pogjary | Dr. Vidy Kudva |
| Commendation Prize 1 | Design, Development and Analysis of Energy Harvesting System | 1. Shreepada Bhat  
2. Sudheshna Rao  
3. Sushmitha Bhat  
4. Vishaka Pai K | Mr. Anil Kumar Bhat  
Dr. Bommegowda K B |
| Commendation Prize 2 | Safety Helmet | 1. Ardhar J B  
2. Aruna Gajanana Shetty  
3. Aruna Dhanya K | Mr. Ravindra K.S. |
| Commendation Prize 3 | Design and Implementation of FPGA Based Motor Drive Control | 1. Ajay C Kumar  
2. B Raghavendra Rao  
3. Deekshith Prabhu  
4. R Vishwas V Shenoy | Mr. Anil Kumar Bhat |
| Commendation Prize 4 | Development of Intelligent ChatBot Using Transformer Architectures | 1. Shreyas Gajan Naik  
2. Sinchana S  
3. Manish Ananth Naik  
4. Pramath Bhavanishankar Naik | Dr. Narendra K C |
| Commendation Prize 5 | Natural Language Processing Transformer to improve Kannada Automatic Speech Recognition | 1. Nishan N  
2. Prajnabegde  
3. R Samyuktha  
4. Rakshitha R | Dr. Narendra K C |

**Electronics and Communication Engineering**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the project</th>
<th>Students</th>
<th>Name(s) of Guide(s)</th>
</tr>
</thead>
</table>
| I Place Best Project of the Year Award | Identification & Detection of Unusual Events in Surveillance using Deep Learning | 1. Anjani Prabhu  
2. Sathvik R Rao  
3. Samarth Pratap M  
4. Rakshitha U | Mr. Abhishek S Rao |
| II Place Commendation Prize | Music Genre Classification using Neural Network | 1. Amith Krishna  
2. Adithya  
3. Malden Joel Fallerio  
4. Nihal V Shetty | Ms. Chinmai Shetty |
| III Place Consolation Prize | Hybrid Quantum Model for Depression Detection | 1. Ajay Krishna Derebail  
2. Chirashree  
3. Asirith Achar  
4. Deepthi | Dr. Jason Elroy Martis |
| Commendation Prize 1 | Land Use & Land Cover classification using different deep learning models | 1. Abhishek Prabhu Jakibet  
2. Abhijin A Shetty  
3. Akanksha V K  
4. Aditi Bhakta | Ms. Ashwitha Thomas |
| Commendation Prize 2 | Blockchain based music player | 1. Sonam Saraswath  
2. Sneha S Shetty  
3. Mohammed Akmal Hassan  
4. Mohammed | Ms. Anusha N |
### Information Science & Engineering

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the project</th>
<th>Students</th>
<th>Name(s) of Guide(s)</th>
</tr>
</thead>
</table>
|        | Quality Evaluation Model of Pomegranate Fruit using Machine Learning Technique | 1. Anusha Upadhyya  
2. Ashika  
3. Jnana Aithal  
4. Jyothsna | Dr. Usha Diwakarla                                                   |
|        | Machine learning based real-time decision support s/m for sale strategy | 1. Kalandar  
2. K Prajwal S Acharya  
3. Anirudh Bhat  
4. Krishna Venkappa Hegde | Mr. Manjunath                                                      |
|        | Decentralized record encrypts authentication & management system for health centre | 1. Dhanish Suvarna  
2. Glen Fernandes  
3. Shreyas  
4. Shreyas Vivek | Ms. Tanzila Nargis                                                  |

### Mechanical Engineering

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the project</th>
<th>Students</th>
<th>Name(s) of Guide(s)</th>
</tr>
</thead>
</table>
|        | Hybrid Solar-Electric Areca Nut Dryer with Dehumidifier Technology | 1. Hrishikesh Kurunji  
2. P Adithya Shankar  
3. Prince Prasad  
4. Rakshith T N | Dr. Vidyasagar Shetty                                                  |
|        | Collision Avoiding and Mitigation System in Vehicles            | 1. U Sanjay Rao  
2. Shreyas Kumar  
3. Rolston Austin Dsouza  
4. Ullas Pukale | Dr. Krishna Prasad                                                    |
|        | Design and Implementation of Vision Based Lane Keep Assist System for Budget Cars | 1. Vijay Shanker R  
2. Rithwin Biju  
3. Sreeram A | Mr. Venkatesh Murthy                                                  |
|        | Spray Pyrolysis                                                 | 1. Jithin Kumar  
2. Dayananda G H  
3. Charan  
4. Shrinkanth M S | Mr. Gouthama Hebbar                                                  |
|        | Establishing a Hybrid Material Configuration for a Pressurized Thermal Vessel to Minimize Energy Losses - Case | 1. Vishal  
2. Keerthan B S  
3. Athul S Shetty  
4. Yashas K Y | Dr. Nithin Kumar                                                   |
|        | Periodontal Temperature Probe                                  | 1. Amar Ganeshi  
2. Bhagwatt  
3. Prajwal Ashok  
4. Naik  
5. Kartik Anand Naik  
6. Sathisha | Dr. Shashikantha Karinka                                              |
|        | Manufacturing Of Al-Ni-Cu-Fe-Cr High Entropy Alloy using Tandem Wire Arc Additive Manufacturing | 1. Eastan Saldanha  
2. Tushar.G.Rao  
3. Harsh.H.Kotian  
4. Yahasvini.S | Dr. Vijeesh V                                                      |

**EXPRO Committee**

**Nidarshan ’23**
Gents Hostel Staff

Ladies Hostel Staff

Students Cooperative Society
Guest House Staff

Dept. of Construction & Maintenance

Security
‘wenamitaa’ celebrated Silver Reunion of 1991-95, 1992-1996 & 1993-97 Batches on 30th, December 2022 in Sambhram Auditorium, NMAMIT Nitte. Prof. G. R. Rai was the Chief Guest for the Inaugural and Sri A Yogeesh Hegde, Director, Nitte Campus Maintenance & Development, Nitte Off Campus Centre presided over the function. Dr. M.S. Moodithaya, Pro Vice-Chancellor, Nitte University addressed the alumni about the Nitte University; Dr. I. R. Mithanthaya, Vice Principal gave a brief introduction about the Alumni Association and also highlighted the major achievements of NMAMIT. Dr. Shrinivasa Rao B R, Vice Principal & CoE, Sri Prasanna Kailaje, Director, Student Welfare and Alumni Relations, Nitte (Deemed to be University), Deans, Heads of various departments, Senior Faculty, Staff, Alumni of three Silver Reunion batches and alumni of various other batches were also present during the program. Dr. Prabitha Urwyler, Mr. Fransis Sebastian and Mr. Sam George represented the three silver reunion batches and shared their memories associated with NMAMIT during their study period.

Annual General Body Meeting (AGM):

The AGM of ‘wenamitaa’ was held on 30 December 2022. Dr. Prabha Niranjan, President, ‘wenamitaa’, presented activities of alumni in the campus for the year 2021-22. Dr. Spoorthi B. Shetty, Treasurer, ‘wenamitaa’, presented the financial audit report of the association and the financial budget for the year 2022-23. Various resolutions pertaining to the effective functioning of the association put forward were unanimously passed by the association. Dr. I.R. Mithanthaya, Vice Principal; Dr. K. Rajesh Shetty, Dean (Admissions), ‘wenamitaa’ office bearers and other members of association were also present in the meeting. Cultural program and fun games were also conducted after the AGM.

Silver Medal Award:

‘wenamitaa’ has taken initiation in sponsoring the silver medals to the second toppers of all the engineering disciplines and master programs. This year (2022-23) the association has sponsored 16 silver medals to all the awardees in graduation ceremony.

Sanjeeth Shetty Award:

The Sanjeeth Shetty Leadership Fellowship (TSSLF) endowment has begun in 2013 to identify and groom young emerging leaders and is capable of addressing social and economic challenges faced in Nation Building, by alumnus of EC (batch 1996), Mr. Sanjeeth Shetty. The fellowship distribution program was held on 26th April 2022, on the College Day, for the 10th year in succession, the fellowship taking the total number of Fellows to 66. The Fellowship identifies 7 students from each of the 7 engineering disciplines. Out of the 7 awardees, one student is further identified and awarded with ‘Outstanding Student Award’. The fellowship consists of corporate and community internships for fellows; and an opportunity to work with some of the best social and charitable enterprises.

Technical Talks under Alumni Mentorship Series – 2022:

1. Virtual talk on ‘Google cloud’:

The department of Information Science & Engineering in association with NMAMIT Alumni association, WENAMITAA organized an Alumni talk on “Google Cloud” on 30th April 2022 for ISE students through online
mode. Mr. Rahul V Bharadwaj, Cloud Data Engineer (GCP) at Lykiq Labs Pvt Ltd Banglore was the resource person for the webinar. Dr. Karthik Pai B H, Head of the Department, ISE, NMAMIT, Nitte welcomed the resource person to the webinar. Ms. Prathyakshini, Asst. Professor and Ms. Pratheeksha Hegde N, Assistant Professor were the coordinators for the technical talk. Resource person briefed about importance of cloud computing in industry. He gave a clear understanding about what are the requirements under Google cloud and the role of data engineer. Creating and viewing analysis report and Security aspects in cloud were also discussed.

2. Technical talk on “Police officer as a career”:
An alumni talk was conducted by Department of Mechanical Engineering under AIMS and WENAMITA on 22nd September, 2022, by Mr. Gunapala J, who graduated from NMAMIT in the year 2013. He spoke about the difficulties faced by a police officer using real life incidents and also by his personal experiences. He further continued his speech by explaining us about multiple exams that are conducted to get into Police Department, like UPSC, PSI, KAS, etc. The resource person was felicitated by our HOD Dr.Srinivas Pai and DCOE Nitte off campus, Dr. Subramanya Bhat in the presence of President of WENAMITA, Prof. Prabha Niranjan.

3. Technical talk on “How to enhance your Technical Skills”:
WENAMITAA jointly with Department of MCA had organized a talk on “How to enhance your Technical Skills” for all students of the 1st semester in MCA Seminar hall on 12th January, 2023 by Mr. Harsha Aithal and Ms. Geetha, Alumni of our college, graduated in 2009. Mr. Harsha Aithal is currently working as an 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.

4. AI-ML skill development workshop:
The Department of ISE in association with WENAMITAA & VISTA, conducted two day workshop on 17th and 18th of March 2023, a Project based Skill development workshop on AI-ML by Mr. Bharath Naganath (ISE Batch:2016-2020), Senior Software Engineer at Ribbons communications and Mr. Pranam R (ISE Batch:2016-2020), Senior Software Engineer at MIT, Manipal. The objective of the workshop was to introduce the participants to Artificial Intelligence and Machine Learning and NLP, to provide hands-on experience in AI and ML tools.

The workshop was conducted over two days, with each day consisting of sessions of lectures and hands-on activities. The event was conducted by Mr. Devidas, VISTA Coordinator, Dept. of ISE and Ms. Preethi Salian, Alumni Coordinator, Dept. of ISE.

5. Technical talk on “My Journey as an Entrepreneur”:
The Department of Biotechnology Engineering and WENAMITAA, NMAMIT Alumni Association jointly organized an Alumni Talk on “My Journey as an Entrepreneur by Mr. Gaurav Kamath, Co-Founder & CEO, Micro Degree Education Private Limited, Mangaluru on April 5th 2023 between 11 to 12.30 PM. Mr. Gaurav Kamath is an alumnus of Biotechnology Engineering of Batch 2011 – 2015.

6. Technical talk on “Chip Design – An overview of flows and skills “:
WENAMITAA, in association with the Department of Electrical and Electronics Engineering conducted a talk as a part of the “Alumni Mentorship Series – 2023” on 24th April, 2023 on the topic “Chip Design – An overview of flows and skills”. The talk was delivered by alumnus Mr. Vinod John, Vice President-Hardware Engineering, Analog Practice Head, Mirafra Technologies; he presented in his talk the IC design flow in detail. Dr Nayana Shetty Alumni coordinator, Department of EE Engineering concluded the meeting with vote of thanks.
THEME & TECHNICAL ARTICLES
The topic is a very impactful one and the proposer of this topic needs to be congratulated as focus on the topic is a need of the hour when the humanity and all living and non-living things are in jeopardy due to the global warming and impending climate emergency. The Indian society as it became globalized in early 1990s, some of the social and ethical values eroded very fast and it is moving around selfishness. In general India prepares graduates for competition, which kills India. Even food is adulterated just because of competition for making money and greed is going upwards. People don’t realize that accumulating too much at the expense of others, the society and the nature will not be of any use to anybody as was seen during the COVID-19 crisis. We are also habituated to discriminate others due to the influence of a mixed culture as we were ruled by invaders. There is a bad practice of comparing animals with humans to insult humans with the assumption that those animals used for comparison are the worst. What a contradiction, in fact, humans cannot understand the animal’s gesture or body language whereas some animals explicitly prove that they understand the human language. Tell a dog to sit, turn around, shake hand – it will do all accordingly. But when it tell something to the human, we are dumb, we can’t understand. Is it not a paradox? If so, who gave human the right to say such and such animal is bad? When we say community service – all in the eco system are to be included. It is interesting to note that the Indian civilization worships animals whereas the discrimination is an alien thinking borrowed from some other cultures during the period of invasion. For this reason, if we are called “Snake Charmers”, let us take it in that spirit because we save the environment. DISCRIMINATING ANIMALS could be one reason to develop discriminating behavior from our childhood which is called Speciesism means the assumption of human superiority leading to the exploitation of animals, which also in turn may be one reason for caste or racial discrimination. Doing community service will help in overcoming this weakness too. The topic gives two interpretations – one is impacting the world during the campus stay and the other beyond the campus after graduation.

In essence, the topic deals with “make or break of the nations”. That is why the accreditation and certification agencies of the government of India concerning education always speak of holistic development of the students. In general, the students or the general public will think why the government has put in place NBA (for programme of study), NAAC (for institute) and courses such as UHV (compulsory for study) etc. Some students may say UHV is so boring, if so, then it is not learnt the way it is supposed to be. Some of the aforementioned statutory requirements the government has complied-with to meet the global requirements so as to make our graduates get job or higher study opportunities abroad. And the other aforementioned requirements the government incorporated as a need of the hour considering the changing society. As the population doubled in the last forty to fifty years and surpassed China recently, it requires/d many educational institutions, but the minimum quality of education has to be ensured. The quality of the institutions is also assessed by NIRF Ranking in India. Let me narrate the importance of some of these. The NAAC for example, apart from other parametric evaluations, gives importance to holistic development of the students – that is body, mind and spirit, which includes physical development, mental development, emotional development and social development. In other words, it takes into account the physical, emotional, psychological, spiritual, relational considerations. The National Board of Accreditation (NBA) insists on the knowledge+skills+attitude (attributes) of the graduating student mapped with 12 programme outcome statements which is also reinforced with Bloom’s Taxonomy with the various levels of theory into practice integration by using cognitive, affective, and psychomotor domains. NBA is as per the Washington accord, for which India is a signatory, according to which India has committed to the globalized business and academic community that India, provides the graduates meeting the minimum quality standards as per the accord. The Washington Accord attribute for engineering students include fundamental engineering knowledge, analysis

Dr. Shashikantha Karinka
Dept. of Mechanical Engineering
and design, modern tool usage, the engineer and society, environment and sustainability, ethics, teamwork, communication skills, project management and finance, and lifelong learning skills. This standard has been framed based on inputs from various professional organizations mainly of the USA, based on which the 12 programme outcomes with attributes have been formulated. Hence NBA ensures that a graduate coming out of an institute is professionally a gem for the need of the industry or equivalent institutions. But are they equally good for the society? NBA alone does not ensure the gem suitability to be adorned on the crown. The adoption to the crown is ensured by meeting the requirements of National Assessment and Accreditation Council (NAAC). NAAC speaks of “Holistic Development” of the graduates such as sports, gender equality, social and cultural exposures, NCC, NSS and various other activities to make them fit for the industry and the society. Hence holistic growth combined with professional development makes a perfect industry ready graduate who may be able to work in industry in interaction with society. But wait! Is it complete in all respects, No! We are creating graduates for competition. How to make them to have a feel of empathy with them for others to live in harmony? That’s why the Government of India through All India Council for Technical Education (AICTE) has put in place the course on “Universal Human Values”. By the way, what is Universal Human Value or UHV in short? AICTE is burning mid-night oil to develop faculty members on UHV to impart it in a very effective way. One great thing UHV teaches is not to differentiate and discriminate based on power, position, age, gender etc. UHV deals with how to be in happiness by understanding body and soul and keeping both in harmony, how to be in harmony with the other, how to be in harmony with the family, how to be in harmony with the society, how to be in harmony with the ecosystem and so on. According to Mahatma Gandhi, “Happiness is when what you think, what you say, and what you do are in harmony.”

Moreover, the World Health Organization (WHO) definition of Health says “Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity”. This definition is also in line with the definition of Holistic development. Hence once when one gets involved in community service, it gives the much needed social development skills. Having talked on all the above, let me now focus on “What is a Social leadership? In this context let me mention the names of government agencies like Scouts, NSS, and NCC and so on and international community service organizations like Rotary International, Lions, Jaycees and so on. The social leadership is different from other leadership. It teaches sacrifice and understanding and empathizing with others. In other leaderships there is a certain (big or small) monetary gain; however, with the social leadership one has to only keep on giving, no monetary gain but tremendous qualitative personal leadership development benefits in return.

**How is community service through Rotary International?**

Rotary International is a selfless voluntary service organization with the theme – Serve above self for the benefits of the society and humanity incorporating the 4-way test of forthrightness. In order to have a healthy society, as seen in Figure-1, the central box has to grow and encompass all the boxes for a Green, hunger-free, conflict-free, pollution-free Society. The Rotary develops leadership at all levels from the school through Interact clubs, at the college and youth level through Rotaract clubs, in the village community level through Rural Community Corps (RCC) and at the adult professional level through Rotary Clubs. The Rotary International further develops a Rotarian in five avenues of service – Self-leadership development through Club Service, Community leadership development through Community Service, leadership on understanding & respecting various professions through Vocational service, dealing at the international level through “International Service” and developing youth leaders (Interact/Rotaract/RCC) through “Youth Service”. The Rotary International has 7 project areas more or less in line with the United Nations Sustainable Development Goals. Rotary International played a key role in eradication of Polio from the globe; only the last traces are being wiped out from Pakistan and Afghanistan.
districts of Udupi, Shivamogga, Chikamagalur and Hassan. This district has about 3800 Rotarians, has 86 clubs and headed by a District Governor and the district is divided into 11 zones, each headed by an Assistant Governor to help District Governor. Down the line there are Zonal Lieutenants (one for 3-4 clubs to support Assistant Governor) and Zonal coordinators to support various avenues of service and the project areas. The Club Presidents and Secretaries with Club Avenue Directors and Chairmen for projects look after the club affairs. The position is based on election or selection for a year. The Rotaract clubs in the college are supported by the local Rotary clubs and the students are involved in a variety of the community projects undertaken. This will help students to develop the social leadership skills. Also Rotary International provides annually “Peace-fellowships for higher studies to Rotaracters” in reputed universities of the world. By this, according to Mahatma Gandhi, “In a gentle way, you can shake the world.” They will get placements in the UN and other affiliate organizations.

It is abundantly clear that developing “industry-ready” engineering graduates is not enough but at the same time one has to work on developing “Society-ready” engineering graduates too through community service, for them to have a feel of the society for their own good as well as good of the society. According to Mahatma Gandhi “Be the change that you wish to see in the world.” “You must not lose faith in humanity. Humanity is an ocean; if a few drops of the ocean are dirty, the ocean does not become dirty.” “See the good in people and help them.” “Be the change that you wish to see in the world.” “A man is but a product of his thoughts. What he thinks he becomes.” It is a win-win for all.

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**KAYAL TERA**

Akela pan si yeh lamha  
Duundh raha tha sahara  
Chahath thi mera dil ki  
Umr bar ki saath ka  
Mehakthi hui aayi mera jisme pe  
Sajadhi tune mera rooh ko  
Woh har pal ki baaton se  
Aur teri maasum si chehra se  
Akela tha safar uska  
Inkaar kar diya un vaadon ko  
Tera aanko geela kar diya  
Kando ko raka mei phir bhi  
Uski nazroo ke vaste  
Pata na chala mhuje  
Ki woh nazar uska nahi mera tha  
Manzile jodh diya tune  
Us dil ki Avaaz se  
Nah boolunga woh baatien  
Jisne chingari jala dhi meri dil ka  
Karta huun tujhse mohabat  
Baaya na kar paaya  
Intezar hai teri kaatir  
Yeh dooriyan pass le aayi humko  
Aur ye pal pal ki koyal  
Saath le ayeega uss dil ko  
Apne aap se door  
Par pass Ane ki chahat se  
Jee raha huun is pal mei

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**I WISH**

Alone in the distance of space  
In the infinite emptiness  
The FALLEN one whizz across  
Fulfilling desires all  
Close to earth  
Searching afar  
For flames burning  
In shallow air  
He hopes to render  
His immortal soul  
To turn back the clock  
Fallen on someone’s wish  
Yearns to join back the sky  
Is uniting now impossible?  
But i rather stay here  
Stranded in your desert  
Hiding tears beyond the stardust  
Wings burnt ,scars on back  
Tried to soothe him  
But attacked with desire  
A demon craving peace  
Not make a wish  
Pray for the fallen one

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M. Satwik Rai  
Third Year EE

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**Nidarshan ’23**
The current state of affairs reflects humanity's inclination to create borders in pursuit of their wants and desires. Supreme is after all the superpower, whatever name we might believe in. The boundaries that exist around us are merely human constructs that serve our convenience, whether it be psychological or geographic. Ultimately, our humanity and the values we cultivate are what truly matter. Vasudhaiva Kutumbakam is closely related to community service as it emphasizes the idea that the world is one family and all human beings are interconnected. When we engage in community service, we are essentially acting as responsible members of this global family and doing our part to make a positive impact on the world.

Community service is a powerful way to make a positive impact on the world beyond campus. It involves volunteering time, energy, and skills to help others and contribute to the betterment of society. Every small act is significant in its own right and contributes to a greater cause. Even a child picking up trash in public or assisting someone in need is a considerable step towards building a better world. Volunteering for activities such as cleanup drives, blood donation camps or any other cause can make a tremendous impact. Numerous organizations and NGOs are dedicated to various causes, including afforestation, elderly care, healthcare, providing shelter and food to the underprivileged, and taking care of stray animals, etc.

One of the most significant impacts of community service is that it creates a sense of social responsibility and civic engagement. When people volunteer and give back to their communities, they become more invested in the well-being of their neighborhoods, cities, and the world at large. This can lead to a greater sense of connection and belonging, as well as a greater understanding of the challenges facing different communities.

On this focus, PM Modi has always advocated “Vasudhaiva Kutumbakam”, which means “the world is one family.” In his line, PM Modi has been focused, both within and outside India from the very beginning of the COVID-19 crisis. India has supplied medicines and vaccines to various countries globally, particularly to the global south. India has proved that it does not dream of its own uplift at the cost of another’s loss. India wishes for the welfare of entire humanity, the whole world.

Recently during the earth quake in Syria and Turkey, India has sent emergency relief material and life-saving medicines and equipment worth ₹ 7 crore.

In conclusion, community service holds immense potential to bring about positive changes in the world beyond a specific campus or locality. It reminds us that we are all part of one big global family, and it is our duty to help and support each other. Initiatives like the ones taken by PM Modi and the Indian government during the COVID-19 crisis and natural disasters prove that we can come together to make a difference in the world. We should all strive to do our part, no matter how small, to make the world a better place.
The Benefits of Community Service in Student Life

Since childhood we are taught to help the needy. Reaching out to an individual or a community during distress calls high dedication and deep involvement. Community service involves volunteering time and resources to serve the community – a selfless act without any expectations or materialistic benefits. A simplest example for community service is coming together for cleaning up the environment, helping out in homeless shelters or providing care to the elderly and needy. The primary purpose of community service is to improve the quality of life of the people in the community and to contribute to the development of a strong and vibrant society.

What makes community service so very important? Man is a social animal and hence has cultivated societal structure for peace and harmony. Society looks after one’s needs and necessities. Hence, it becomes all the more relevant to give back to society. One of the key benefits of community service is the positive impact it has on the volunteers themselves. Participating in community service allows individuals to develop valuable skills, such as communication, teamwork, leadership and problem-solving. These skills are life-developing and life-sustaining skills. A person becomes well-known and influential by applying these skills in different aspects of his life. As a matter of fact, community service can also help individuals develop a sense of empathy and compassion towards others. By working with people from diverse backgrounds, volunteers can learn about different perspectives and gain a better understanding of the challenges that others may face. This, in turn, can help to foster a more inclusive and tolerant society.

In addition to the personal benefits of community service, it also has a significant impact on the community as a whole. Community service projects can help to address pressing issues such as poverty, hunger and homelessness. Volunteers can help to improve the living conditions of those in need by providing food, shelter and other basic necessities. Community service can also help to promote education, health and environmental sustainability. Furthermore, community service can help to build a stronger sense of community and social cohesion. By working together towards a common goal, volunteers can create a sense of unity and solidarity within their community. This can help to promote a sense of belonging and reduce feelings of isolation and loneliness.

Although time and resources are the basic requirements for community service, it is not mandatory. Another common misconception is that community service is best practiced at midlife age. On the contrary, early practice leads to the upbringing of a highly mature and responsible citizen. Realizing the greater benefits of community service, the Government of India has included Fostering Social Responsibility & Community Engagement in the curriculum of Higher Educational Institutions (HEIs) in its New Education Policy. With the motto of inculcating holistic approach towards achieving the three functions of HEI – teaching, research and service, the NEP has stressed on educating the youth on community engagement as exemplified by the following lines: “The purpose of the education system is to develop good human being capable of rational thought and action, possessing compassion and empathy, courage and resilience, scientific temper and creative imagination, with sound ethical moorings and values. It aims at producing engaged, productive, and contributing citizens for building an equitable, inclusive, and plural society as envisaged by our Constitution.”

To exemplify, Dayalbagh Educational Institute (Agra, UP) has a farm on campus, and it is compulsory for all students and faculty to spend time on the field in supporting agricultural operations. Likewise, its students of nursing make weekly visits to local communities to provide immunisation and other primary care services, which are then discussed in the classroom. Such practices facilitate the connection between classroom theory and field realities. While community engagement may provide better quality learning opportunities for students, it also becomes a medium to provide service to the local community.

Another case which follows linking learning and research with community service is given by Amrita University. The University has introduced rural field-based learning in several courses where science and engineering students...
make field projects on rural tourism, energy, housing and sanitation. The Live-in-Labs® developed by Amrita Vishwa Vidyapeetham, is a multidisciplinary experiential learning program that breaks classroom and lab barriers by applying learned theory in real-world settings. By directly living in rural communities (labs) and co-designing solutions to development challenges at the ground level in rural India, the program participants gain first-hand knowledge and know-how of identifying and assessing community needs and subsequently developing and implementing viable solutions through various participatory methods.

Nitte University has also contributed in the upliftment of the backward community in the local rural villages. The student volunteers of Nitte launched a Vittiya Saksharta Abhiyan to popularise Digital Modes of Payment. In the “Cashless Munnur Village” campaign, the student volunteers conducted a door to door campaign to educate the people on the different facets of digital banking and demonstrated the use of simple channels like NUUP for easy cashless banking. The University also provides medical service through community based rehabilitation services.

Community service is a valuable experience for students, as it provides a unique opportunity for them to learn and grow outside of the classroom. Community service can take many different forms, including volunteering, internships and service-learning projects. It is a powerful tool for students to develop their skills, engage with varying communities and prepare for their future careers. Communication, group-activity, decision-making, leadership and problem-solving are some of the essential skills in any career, and community service provides an excellent opportunity for students to develop them in a practical setting.

It is essential for today’s youth to appreciate Indian culture, rural life and social realities. While the student understands the significant contributions of the local communities towards the society and Indian economy, through community engagements, they start admiring the wisdom of the community and gradually develop a sense of empathy and bonds of mutual respect. Community service provides a great platform to identify opportunities for contributing to the community’s socio economic improvements. This can help students to develop a more well-rounded and inclusive perspective of the diverse problems faced by the common man. Furthermore, community service can provide students with valuable networking opportunities. Through social interactions, the students can connect with individuals and organizations in their community, which can lead to future career opportunities or other connections. This can be especially valuable for students who are interested in pursuing a career in a particular field or industry.

Today’s youth are tomorrow’s citizens. Keeping them physically active and intellectually constructive is very essential and at the same time challenging. Community service can also help students to build a sense of civic responsibility and engagement thereby keeping unwanted addictions at bay. The takeaways from the community service activities nurtures a strong sense of personal satisfaction and fulfilment. Making a positive impact on the lives of others gives them a sense of satisfaction, improves their self-esteem and students emerge more confident in facing the challenges of their personal life. For some, it is a life-time experience as they develop a sense of purpose and meaning to their life. Community service is always surrounded by positive vibes and helps in the growth of healthy, compassionate and active individuals creating a responsible society.
The campus is a place where students are trained to be good adults for their future. This not only includes technical knowledge but also character development as a whole. There are many ways one can learn to be empathetic towards others, it could be from life experiences or through listening to others’ stories.

Even though the campus is a wonderful place to meet people of different backgrounds, the development of students as a whole is only possible beyond the campus, as there is a world out there with people of different ages, different thought processes and different cultures. One could learn way more about personal development than what could be taught through books.

One can help out in charity funds, donate clothes, visit old age homes and ashrams, spend time with the specially abled, donate blood to the needy and so much more. There are countless ways in which we can give back to the society that we live in, all of it starts with the thought to help people out. Help need not always be financially, publicizing about an important cause could be very helpful to the people in need as well. If there is a will to help people by going above and beyond your path, the world would surely be a better place.

In conclusion, it’s high time for students to take up the initiative beyond their college campus and provide aid for the people in need of it. We need to recognize the importance and value that every individual brings to our society.
Community service is not just an extracurricular activity that students engage in for the sake of improving their resumes or getting into good colleges. It is a powerful tool that can impact the world beyond campus in meaningful ways. Whether it’s volunteering at a homeless shelter, participating in a beach clean-up, teaching rural students or mentoring youth, community service can make a tangible difference in the lives of others.

The power of community service lies in its ability to bring people together for a common cause. It allows individuals to work towards a shared goal, and in doing so, builds a sense of camaraderie and connection. When we work together, we are able to accomplish things that would be impossible on our own. This sense of teamwork and collaboration can have a ripple effect that extends far beyond the immediate impact of the service project.

For example, when students volunteer at a homeless shelter, they not only provide much-needed assistance to those in need, but they also create a positive impression of their college and their generation. They demonstrate that young people are capable of making a difference, and they inspire others to get involved in community service as well. This can lead to a domino effect, where more and more people become invested in making a positive impact on their community.

Furthermore, community service can provide valuable learning experiences for students. By engaging in service projects, students are exposed to a variety of different perspectives and experiences that they might not have encountered otherwise. This can broaden their understanding of the world and make them more empathetic and compassionate individuals. It can also help students develop important skills such as communication, leadership, and problem-solving.

Finally, community service can be a source of personal fulfillment and satisfaction. When we engage in service projects, we are able to see the tangible impact that our actions have on others. This can be incredibly rewarding, and can give us a sense of purpose and meaning in our lives. It can also be a source of inspiration, motivating us to continue to make a difference in the world long after we have left campus.

In conclusion, the power of community service is undeniable. It has the ability to bring people together, create positive change, and provide valuable learning experiences. For college students, community service is an opportunity to make a difference in the world beyond campus, and to develop important skills and personal fulfillment along the way. By engaging in community service, we can impact the world in ways that we might never have imagined possible.
The Power of Community Service: IMPACTING THE WORLD BEYOND CAMPUS

Mohammed Ayan
Third Year CS

Community service is a vital aspect of any society, and it has a significant impact on both the individuals who partake in it and the wider world. As college students, it is crucial to take part in community service to improve our surroundings and make a positive impact. However, community service is not just limited to campus boundaries; it can also impact the world beyond the campus. Community service involves volunteering one’s time, skills, and resources to aid a cause, individual, or community. These services range from education, healthcare, environmental conservation, and disaster relief, among others. The impact of community service goes beyond the immediate community and can significantly impact the world.

Community service is a great way to bring people from different backgrounds and cultures together. By working on a project or volunteering for a cause, people learn to work together towards a common goal. This, in turn, promotes social cohesion and integration, which is essential in a world that is becoming more divided by the day. Sustainable development is a goal for many countries and organizations worldwide. Community service projects focused on environmental conservation, sustainable agriculture, and responsible consumption and production help promote sustainable development. By volunteering our time and resources towards these causes, we can make a significant impact on the environment and promote sustainable living.

Community service can be a catalyst for positive change, both locally and globally. When we volunteer our time towards causes, we believe in, we create a ripple effect that can change lives and impact the world. A good example is volunteering for disaster relief efforts. By donating our time and resources, we can help communities affected by disasters recover and rebuild their lives. By taking part in community service, we inspire others to do the same. Our actions can inspire people from all over the world to act towards making the world a better place.

In conclusion, community service is a powerful tool for creating a positive impact on the world beyond campus. As college students, we could participate in community service projects that can bring positive change to our surroundings and the world. By bridging gaps, promoting sustainable development, creating positive change, and inspiring others, we can make a significant impact on the world beyond campus.

In summary, community service is not only essential for personal growth and development but also for making a positive impact on the world beyond campus. By volunteering our time and resources towards causes we believe in, we can promote social cohesion, sustainable development, and create positive change. It is crucial that we, as college students, take advantage of the opportunities available to us to participate in community service projects and make a difference in the world. Let us all strive to be active members of our communities and make the world a better place, one volunteer effort at a time.
“The best way to find yourself is to lose yourself in the service of others” was rightly said by Mahatma Gandhi. In this world of digitalization where all are involved deeply into competing and defeating each other, there are still people who are unaware of all these and live an underprivileged life. Although India is a developing country, there are still some remote areas where people lack the basic infrastructure. As the youth of the nation it is our duty to contribute to the nation’s development. “Community service is a way for people to make a difference in the world by doing selfless service to the community”. Why should we serve the community? Isn’t it enough to serve our family and live in content? Assisting community doesn’t even yield us a penny. Then why should we do so?

Because we are Indians, our family isn’t restricted to the four walls of the home, “Vasudhaiva Kutumbakam” The entire world is our family. It is necessary to inculcate this attitude in the young minds to enable them retain the spirit of patriotism. Then comes the question, How can the youth serve the community? It is actually only we who can do this service in the best possible way we can.

As youth we can consider a remote village as our responsibility and contemplate the ways in which we can help them. It is we the common man who can understand people better than any other surveyor. So what could be done to help the village? Often the children in remote villages are labourers, devoid of education and all the elementary commodities that usually kids enjoy, most important of it being primary education. Although the Government is making countless attempts in addressing this issue, there are times where several places are left unnoticed. At this time it is we, the youth who need to keep a step ahead and help the nation. So how could we begin it with?

Initially, a survey of the village should be done to get an idea of the age ratio of people and then using this report several student associations should be formed and each should educate each age group. The most crucial step in one’s educational journey is learning the alphabets of the language. It is the alphabets that form words which combine to form a phrase leading to a meaningful sentence. English being a universal language is widely used in almost all texts and books. Hence knowledge of alphabets and words is the initial step in learning process. All must be taught the basics of language because without it they can’t understand or read anything else. In addition to teaching various aspects the need and importance of education must be taught to them to enable the nation realize the current scenario and make themselves capable enough to compete in the world. Students must visit the villages during free hours and every weekends to maintain continuity in the teaching process. Once the kids are knowledgeable enough about the basics of language then they must be taught subjects like math, science and geography. The students must be split into several groups based on their age and grasping power and necessary things must be taught to them in an interactive way. Worksheets must be provided to enable them practise what they learnt. The classes should be held during the odd hours where kids can finish their work in case they are working as labourers. Frequent study tours should be conducted to enable them understand what they learnt. And in the process all that is to be learnt for admission into the desired standard should be done. Funding using various government schemes and NGO’s should be done to enable them continue their education in the school. It is just not the kids who want to study but also there are several middle aged men and women who had to dropout studying due to financial and personal issues but still have a desire to attain knowledge. Education must be open to all and not be restricted to anyone based on age and gender. Along with education basic health facilities such as free vaccination drives and health checkups should be provided to enable them live healthier and happier because health is wealth and without it the kids wouldn’t be able to study well.

Thus Education is a fundamental right and making it available to each individual is our duty. Let’s serve the community and spread this word to all young and old. As the youth of the nation let’s join hands and resolve to make the world a better place for the better days to come.
Power of Community Service
Beyond the Campus

Community service is often seen as a way for college students to give back to their local communities, and it is undoubtedly an essential part of campus life. However, the power of community service extends far beyond the campus. Service projects have the potential to impact society as a whole by creating positive change in the world.

The power of community service lies in its ability to bring people together to work towards a common goal. Whether it’s organizing a food drive or building a house for a family in need, community service projects create a sense of unity and purpose among the volunteers. This unity and purpose can extend beyond the immediate project and foster a sense of connection and responsibility towards the community.

Furthermore, community service projects can have a ripple effect, impacting not only the immediate beneficiaries but also their families and the wider community. For example, a community service project that provides free healthcare to underserved populations can improve the health and well-being of those individuals, which can then positively impact their families, leading to a healthier community overall.

Moreover, community service can serve as a powerful tool for raising awareness and advocating for important issues. By participating in service projects related to social justice, environmental sustainability, or other pressing issues, volunteers can educate themselves and their communities about the challenges facing the world and how they can help. This education can lead to increased awareness, understanding, and action toward solving these problems, leading to a more informed and engaged society.

Additionally, community service can provide valuable opportunities for personal growth and development. Volunteers can develop important skills such as leadership, communication, and problem-solving by working with others toward a common goal. These skills can be beneficial in their personal and professional lives, enhancing their ability to contribute to society in a meaningful way.

Furthermore, community service can foster a sense of empathy and compassion toward others. By working directly with those in need, volunteers can better understand the challenges and struggles facing different segments of society. This understanding can lead to increased compassion and empathy towards others, promoting a more inclusive and equitable society.

Finally, community service can be a catalyst for positive change in society. By bringing people together to work towards a common goal, community service projects can inspire others to act and create change in their communities. This collective action can lead to meaningful social, economic, and environmental progress, creating a better world for everyone.

In conclusion, the power of community service extends far beyond the campus. By bringing people together to work towards a common goal, community service projects can create unity and purpose among volunteers, impact the immediate beneficiaries and their families, raise awareness and advocate for important issues, provide opportunities for personal growth and development, foster empathy and compassion towards others, and serve as a catalyst for positive change in society. As such, community service is a powerful tool for creating a better world and should be promoted and encouraged at every opportunity.
Working for a startup can be a challenging yet rewarding experience, providing opportunities for personal and professional growth. The fast-paced and dynamic environment allows for a wide range of responsibilities and roles, giving employees the chance to gain valuable skills and contribute to the company’s success.

Despite the risks and challenges associated with working for a startup, the sense of ownership and pride that comes with building something from the ground up can be inspiring and fulfilling. Additionally, job security is no longer guaranteed in either startups or large corporations, highlighting the need for individuals to continuously learn and adapt to new situations.

Ultimately, the decision to work for a startup or a large company should be based on a careful consideration of the individual’s career goals, personal values, and financial situation. While neither option can offer complete job security, each presents unique opportunities and challenges for professional growth and development.

While there are certainly challenges and risks associated with working for a startup, I believe that the rewards and opportunities for personal and professional growth make it a worthwhile experience. The ability to be part of something new and innovative, and to help shape its future, is truly an inspiring and fulfilling experience.

**Pros:**

**Job creation:** Entrepreneurship has been a major driver of job creation in India. Small and medium-sized enterprises (SMEs) are estimated to account for around 60% of total employment in India.

**Innovation:** Entrepreneurs are often the drivers of innovation, and their ideas can lead to new products and services that improve people’s lives.

**Economic growth:** Entrepreneurs can stimulate economic growth by creating new businesses, attracting investment, and generating revenue.

**Cons:**

**Risk:** Starting a business can be risky, and many entrepreneurs face significant financial and personal challenges.

**Lack of funding:** Despite the growth in entrepreneurship in India, access to funding can still be a major challenge for many startups.

**Competition:** The growth of entrepreneurship in India has also led to increased competition, which can make it harder for startups to succeed.

In conclusion, India is undoubtedly entering a new era of entrepreneurship, driven by a combination of factors such as a large and skilled workforce, government support, and the rapid adoption of technology.
Hey you! I know that I’m writing this in the future, but maybe someday when I want to look back to the recollection of my first year college life, I find this note along with those beautiful pictures. Or maybe someday when I’m reminiscing about those with my other friends or the same friends.

I know this is all going to be something very new and frightening because there are no same old friends of yours who are going to stick by your side when this new academic year of yours is going to begin. People who’ve been together since your school till your college may now have parted ways according to their streams and dreams. This year, this day might not be the same as it was during your school, waking up to a new class wanting to go as early as possible to run and occupy that perfect bench and place with your favourite friends.

You are now in a new environment surrounded with completely new faces who are kind of strangers yet friends. Far away from home at hostel yet you know that this place will make you feel like home some day soon. You see that mom’s not around to wake you up and you get up to that alarm being hit to your head like a wonder for the very first time in your life for being able to get up without snoozing or turning off or giving excuses about 5 more minutes. You quickly get ready and when you end up in the mess you realise that you can no more complain to your mom about the food not being tasty or for not making your favourite dish. And you finally enter your class with all those new faces, some staring, some smiling. You find yourself a place and make yourself comfortable there. You try and succeed in making a few friends. And by the end of the day you’re happy because you did better than you thought you would.

You thought you would never be able to open up or mingle with people but then you do and you realise this is life and this is how it is going to be hereafter. Gradually you get yourself adjusted to everything around you. And your hostel room turns out to be your home too. Those stranger yet friendly faces turn out to be one of your biggest support systems. And this everything new slowly turns into your daily routine.

**MOTIVATION**

A girl is always seen as inferior when compared to others back then or someone who is just capable of doing something which a guy can do now. Why don’t we for once say it as it’s a normal thing which anyone can do. Why do we always differentiate it on basis of gender?

If a person is passionated about anything then he can achieve anything, there’s nothing present as a person’s limit to be successful or to keep achieving on something that he wants to. It’s just all about your dedication, your hard work, your passion towards your goal.

Success never comes to anyone looking at their status or background, it is only achieved by someone who puts all his heart into making it his. People who talk about you on your back will be applauding in front of you one day when you become what you always wanted to become.

Confidence, support, hard work along with some smart work and a lot of dedication to what you do is important. Success may not come in your way instantly but it will come surely.

**IN THE ERA OF, I’D STILL WANT TO BE**

- In the era of partying to new songs, I still want to relax with old songs.
- In the era of buying new clothes, I still want to wear Mumma’s wedding saree.
- In the era of Baadshah, I still want to listen to Latha Mangeshkar.
- In the era of sharing reels, I still want to send you handwritten letters.
- In the era of ordering online, I still want to cook together with you.
- In the era of Netflix and chill, I still want to gaze the stars.
- In the era of buying new gadgets, I still want to buy a Dog for myself.
- In the era of PUBG, I still want to play Monopoly.
- In the era of tattoo, I still want to apply Mehendi.
- In the era of movies, I still want to watch Cartoons.
Influence of Music

Music is a powerful language utilized to express or communicate with other people. It is present in the everyday lives of people of all ages. Listening to music, singing, playing instruments, or creating music are common interests for most people. Music is an enjoyable activity whose influence goes beyond simple amusement. These activities allow one to express their inner state or feeling and bring positivity to those who engage in them. Music can also be a form of meditation. It has the qualities to heal a person emotionally and mentally. It can help in improving concentration and is of great help to students.

Music can have an impact on societies as well. It can lead to the unity of people to generate positive interactions and social connectivity. The strength of connecting a large crowd can be uplifted with the help of music as playing the national anthem at sporting events, protest songs to motivate the mass, and singing hymns to build a strong connection during worship. A band puts hours of practice before their performance which helps to create perfect sync between the members.

Music contains many genres like classical, country, electronic, metal, etc. It holds songs that pertain to a person’s mood and may include happy, sad, calm, romantic, etc. The art of music ranges from being an artist and recording songs to playing an instrument in an orchestra. The field of music is quite vast. Some of the benefits of music can include improving memory, releasing stress, and lowering anxiety levels. Some of the effects on the body can be a decrease in fatigue, increased heart health, a boost in exercise, and help decrease pain.

Music is the essence of life. It is present in everything we do. We can express our thoughts and feelings through the sound of music. It can affect a person in good ways. It gives way to a world full of harmony.
We all know that stress has become a part of our life. There are multiple ways to reduce the stress. Every individual has his own way of finding peace. It may be the music of any form, dance, any other art form, or be with the nature, or just a tight sleep. A deep night’s sleep without any disturbance can reduce the stress level to make us feel fresh next morning. When we are in forest we can hear only the true sound of nature – birds chirping, sound of rustling leaves, a constant sound of river, a waterfall etc. Listening to these natural sounds gives a healing effect. There are lots of studies proving music can reduce stress level and can also be used in the treatment of certain kind of diseases. But can you believe noise can also do that work for us? We have seen that a crying baby will fall asleep with mother’s soothing lullaby. It’s the periodic repetition of the same tone that takes the baby to deep sleep. But do you know a noise can also make baby to sleep better?

Noise is some unwanted sound. But there are lot of benefits we may get from the noise. Lot of studies on sound therapy have focussed on specific sonic hues like white, pink, brown noises. There are different colour noises which are useful in calming down, improving concentration, reducing the symptoms of ADHD (Attention Deficit Hyperactivity Disorder) and also used in the treatment of depression, tinnitus etc.

Let’s have a look at different colour noises and their uses.

**WHITE NOISE:**

It is probably the most familiar types of noises, which sounds like a radio tuned to unused frequency. As the white light contains all the wavelengths of the visible spectrum at equal intensity, white noise has equal power across all frequencies in the human audible range.

The steady, static like nature of white noise can make us sleep better. Many of us experience disturbance in sleep due to dog’s barking, car parking sound or even due to leaking taps. The reason why these kinds of sounds disturb us not exactly the noise, but instead it’s the sudden change in the noise. White noise works by masking these changes and providing the constant sonic environment.

Apart from the benefits of good night’s sleep, white noise also helps in curing tinnitus, in improving memory and concentration, improve work performance, lower ADHD symptoms etc.

**PINK NOISE:**

Pink noise is consistent frequency signal, thereby creating an even flat sound. Eg: heart beats, a steady rain, wind blowing through trees, waves on a beach, rustling of leaves etc.

It is like a constant sound in the background. It can filter out all the things that distract us- like people talking, cars passing such that these sounds don’t interrupt our sleep. Pink noise is like white noise, but with reduced power at higher frequencies. It is considered to be more soothing to human ear than white noise. Some prefer pink noise over white noise as it is deeper than white noise.

In a study, researchers found that those who listened to steady pink noise waves, saw an improvement in stable sleep. It is proved that pink noise has the ability to reduce brain
waves. Going to sleep listening to pink noise generated from a sound machine helps to improve memory the next day and could have long lasting positive effects on memory and concentration.

**BROWN NOISE:**
Brown noise is also called as Red noise. It is like a rumbling sound, which is deeper than pink or white noise. The sound level decreases as frequency goes up. It resembles roar of a river current or strong wind. Or you can imagine the sound generated during heavy rain fall or a high pressure shower.

Several studies show that brown noise may help lowering the symptoms of tinnitus – a ringing effect in ears.

Brown noise also helps to improve our thinking skills. Other common benefits from brown noise are relaxation, improved focus and also sleep improvement.

**Other colours of noise:**

**BLUE NOISE:** The power of blue noise decreases as frequency goes up. This noise sound shriller than pink and white noise. Example: hissing sound of a water spray

**VIOLET NOISE:** It is also called as purple noise. This is opposite of white noise. The sound increases as frequency increases and it gains power faster than blue noise. This noise is used in sound therapy.

**GREY NOISE:** This produces noise at higher and lower frequency but not much in the middle. This noise is similar to white noise, but is more balanced.

But in any way, sounds of nature are the best to heal stress and calm down. Since we can’t be in direct contact with the nature all the time, we can generate sounds using specific devices. There are different types of devices available in market to generate these noises. Pink noise generators are best sellers in the market. These noises are also available as you tube files generating noise for 8 hours or more. In addition there are applications also available to generate background noises for masking other noises.

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**OVER REACH**

Like Icarus on a sunny day
Intoxicated with joy
Sweating in the melting wax
And wings of gold ablaze
Laughing as he fell
The unnoticed splash
Reflected the guilt
Those warnings were empty words
For folks destined
To lay beneath

Icarus is a minor character in Greek mythology. He was the son of Daedalus, the craftsman, and architect of the labyrinth of Crete, built for King Minos.

When King Minos threw Icarus and his father inside the labyrinth, Daedalus constructed two pairs of wings out of feathers, fabric, thread, and wax. Daedalus bid his son goodbye with a warning not to fly too high or too low; as the waters might dampen the feathers while the sun melts it's wax.

However, Icarus was intoxicated by his adolescence and the newfound power of flight, unaware he was burning with the sun. His feathers began to break apart with the melting wax combined with his sweat. But it was too late to react. Icarus embraced his defeat, guilt, and his now lost power, chuckling. He was destined to fall into the ocean for his youthful carelessness.

Icarus has long been a tale of young bravery, yet flying too high to your downfall. A metaphor in literature.....
“Pick battles big enough to matter, small enough to win”

One of the easiest and the hardest things to do in life is to accept the inevitable because it takes a part of you every time you decide to change your realities. We as human are so comfortable in our zones, that we do not want to challenge life and take any way which is even not walked on. I admire those who have a courage or interest to take challenges in life.

We have a lot of challenges for an average Indian working class human—education, get a good job, keep your family happy, get married, give birth to kid or two or even twenty based on the times, except them to fulfil our expectations which might not much different from what your parent’s would’ve had and hence this cycle continuous. None of the above is not positively motivating enough for us to go out and live like we want.

Now realities as we know it, never changes unless you actually have the courage to stand up against other people who were trying to convert on their side. So, what do we as the “future change makers” do?

On a personal experience, I have challenged or faced my realities all the time. I have failed greater number of times and wake up with a solution. We are the only humans have a sense or a habit to make questions on things and to have a self-doubt on what we do. Questioning things help us to give courage and spark om that moment and faith to keep fighting. Majorly confidence is very important in myself that do not be discouraged by those who say it’s not possible.

Battles or challenges makes the life very interesting and finding the solution is a victory. So my suggestion is take a life seriously and do not hesitate to take challenges be confident, patience and keep trying. Believe in thoughts like “Failure is a stepping stone to success” and “Work hard until you get succeed”.

At every time or moment, life gave me another reality check of how a battle is won only if you have a supporting cast firmly behind you standing as solid as a rock.
“Rock-a-bye baby, on the treetop, when the wind blows the cradle will rock when the bough breaks, the cradle will fall, and down will...come...baby, cradle and all”, as the music went by, the baby boy fell asleep. And there was Sally, looking at the cute one taking a nap. She smiled and closed the door, slowly, and sat on the lounge. The music was turned on and there was a peaceful sound in the house. Just the humming sounds of the violins and nothing else. Everything was calm. But it didn’t last long.

Suddenly, the telephone rang with a loud, odd tone. She panicked for a second but then just realized it was just a call. She picked up the call.

“Hello, this is 22 Street Residence, to whom am I speaking?”

“Hello! This is Sally. Please get out of the house along with the baby! Don’t stay back! Something is wrong with the house! I can’t explain it to you right now!” suddenly the caller hung up.

Sally had no idea what just happened here. She just felt it was some random teenage jerk and just continued her work.

Time passed, and it was almost 23:00 when she decided to call it a day when the telephone rang again. And this time, the tone was different. She was confused for a second. As she went near it, the ring stopped. It was the 22nd of January 2023 and she had plans for her wedding which was the next Friday.

Not even a second passed by, and her mobile phone rang. She took it over and no reply. As she was about to cut the call she heard someone singing, “Death... it’s near... you are going to be dead...oh when the...”, she cut the call. The telephone rang but with the song continuing, “...the moonlight comes, there’s going to be just blood and only...”.

She quickly took off the connection. Dead silence. Sally was
terrified. She thought someone was doing a prank on her. Or... someone was watching her. She checked the whole house. The main door, the windows. Nothing suspicious.

The time was 23:37. Sally was almost asleep on the couch when she heard some noise coming from the kitchen. It was just the droplets of water. As she turned the tap off, she heard the phone call again. It was from the mobile. She didn’t pick it up. Dead silence.

Suddenly, the telephone rings. “The connection was cut! Then how could it happen?”, She panicked and tried to call the emergency number. But her mobile phone was stuck. The ring stopped. Sally decided to leave this house. Just then she heard the cry of the baby coming from the room. Panicked, she rushed towards the baby’s room only to find the door locked. She tried to push the door, thumped on it, pushed it harder, but in vain. After a lot of struggles, the door opened and the room was empty.

Nothing was found here. Sally searched the whole room crying and mumbling as to what would happen if her mom returned back. But the baby was not found. Suddenly, she heard the baby crying. She realized it was from the living room. She rushed back to the living room, only to find that the cry was coming from the telephone.

Shell-shocked, Sally stood still for some moments. Shivering, she picked up the phone. The power went off. And she heard the crying of the baby as well as the song of death again echoing throughout the whole house. She freaked out in horror and tried to escape from the main door. She opened the door only to find herself in the baby’s room again. She ran towards the main door again, and she was back again. And this time there was a pool of blood on the floor. Weeping, she tried again and this time she reached the room and found a body lying down.

Carefully, she turned the body only to find herself!!! She wept loudly and was extremely scared. Her face turned pale. She tried to escape again and again but she was stuck in the same loop. Suddenly, she saw the baby lying in the living room, crying. She picked the baby up and tried to escape. But she couldn’t. She felt she was stuck forever when the telephone rang again. She tried to pick it up when she reached some other room and the baby was missing again. Realized she was in the basement. She checked if there was a way to escape only to find a small window. She couldn’t open it but saw something shocking outside. She saw herself talking to the baby’s mother. She realized she was in the past.

Sally tried to call, only to realize she could call one number. And that was the telephone number of the house. She called and realized it was her past. Panicked she shouted to get out of the house but the call was cut. She fainted.

After a while, Sally woke up. Realized, she was in the room, and the baby was sound asleep. She picked up the baby and ran out of the house. She turned back to look at the house and saw nothing significant. She then turned around and saw a policeman looking at her shell-shocked.

“Sir, you got to….”

“Freeze! Hands in the air! Hello, Control Room, this is the NYPD, we found the dead girl alive!”

“Sir! What are you... wait, what’s the data today?”, Sally asked in confusion.

“It’s the 19th of February 2024”.

Sally was in a total dilemma. She turned around and to her horror saw that the house has almost decayed. And through the basement window, saw the baby’s mom and the baby smiling. She saw that she was holding the telephone telling, “Too Late”.

Frozen, she almost fainted when she heard, a voice. It was from the telephone. And someone was singing the lullaby in an eerie tone, “Rock-a-bye baby, on the treetop, when the wind blows the cradle will rock when the bough breaks, the cradle will fall, and down will...come...baby, cradle and all”, and as the music ended, she fainted.
Engineering and science stream look almost the same from a broad view. However there is a line of demarkation, which separates the two fields into distinct categories. Science deals with how the natural world is and how it works. Engineering stream provides a vast range of ideas that could be utilised creatively to provide goods and services to the society. They are more into resolving issues that we face normally. This engineering is oriented towards service to all the beings of this nature.

Having said, it could also be a source of revenue in cases where the products develop vast demand and could be marketed.

The Karnataka Innovation and Technology society aims at achieving these goals. It majorly focuses on development of IT and BT sectors. It helps to create an enabling ecosystem for development of these sectors through policy facilitation and investment promotion. It promotes startups and entrepreneurs to encourage innovation and use of technology to propagate solutions in multiple sectors. It also interfaces industry academia and RD institutes on various matters. This is very much the need of hour today.

Karnataka ICT Group (KIG 2020) was formed under the leadership of Mr. Mohandas Pai and Mr. B V Naidu which was charted to develop Karnataka’s roadmap to undisputed global leadership in ICT by the year 2020. In the state budget 2013-14 it has been announced as follows, “To encourage entrepreneurship and innovation it is proposed to establish incubation centres in ICT sector in association with selected engineering colleges at district headquarters.”

The program is designed to give preference to students, research scholars and alumni from the chosen colleges compared to those from other colleges in the district. The program will be more tuned to students and alumni from emerging ICT centres catering to the problems of local needs rather than following the incubation centres in big cities that look at global problems.

The current incubation models that are prevailing are infrastructure support incubation centres or academic focused incubation centres. However it is essential to create new age incubation centres at all the 7 centres with the active support of the industry. Some of these incubation centres can be further strengthened to focus more on IP/Product development as “Innovation centres”.

One of the tasks under this head is to build ‘Karnataka New Age Incubation Network’ (K-NAIN) to be located in the chosen colleges that are in the nine emerging ICT centres. NAIN also has similar objectives.

The main objective of NAIN Scheme is to encourage students, research scholars and alumni to share their ideas to solve chosen problems which are local centric and to validate, Refine and Nurture the ideas.

Incubation Center shall provide an eco-system to convert the ideas in proof of concept and upgrade them to a level of commercial value.

After successful incubation, encourage and lead the teams towards setting up a Business enterprise.

Our college too has a NAIN incubation centre with its ICM as Mr. Shashank Shetty who serves as assistant professor in department of computer science engineering, NMAMIT.

NAIN has helped in selected student project funding. It has benefitted more than 60 student groups to come out with innovative projects. Interdisciplinary projects have been done in association with medical and dental college under Nitte. This also lead to filing patents and product development. NMAMIT has also achieved 4th ARIIA ranking.

These organisations are thus, an inspiration to the activities in other branches of engineering as well.
What is friendship? Ever thought about this? I did...and found out some interesting things. We surely exaggerate friendships all the time. There are various kinds of friendships like the one in which you can express your true self and the other where you can’t.

These friendships may or might not be long termed. But you do have some attachments even after getting separated. Also, even if you are on bad terms you find out other ways to get info on each other. We as humans have an upper hand in making relationships and bonds. We can communicate verbally and this is the reason we have very good as well as the worse relations.

When we talk about friendships, we can never forget all the groups we had. The mischiefs we did when we were younger and the decision we make are most of the time done with our close friends. We sometimes know that what well do is wrong but the time we spend together is priceless and we don’t really care for the consequences and just do it.

Well, I had some cool and crazy friends when I was in my school. When I was in 3rd grade we broke a ceiling fan with a football in the class room and acted as if we did not know anything when the principal came to our class. Yes, we got punished for it together and we laughed at each other. We once had a trip to Kerala Amrita university and it was a good time for me and my friends to bond with one another. The best part of our trip was we missed our train back to Mangalore late at night 8 pm and had to wait till morning 4 am for the next train and it was one of the most epic and hilarious waiting we did or entire time. One of our friend got chased by a drunk man (he was harmless). While we found time to truly get to know all our peers. It was one of the best experiences one could have with their friends. We also had fun in the train with the passengers and helped old people get on the train and those were the moments I felt proud of my classmates.

To simply tell you friendship is what you want it to be, it may be a goofy or anything you want it to be. What truly matters is what you could teach and learn from your friends. Friends are those rare people who ask how we are and then wait to hear the answer. So keep making friends and keep smiling. :)

P Venkatesh Kamath
Second Year EC
Biofuels have emerged as a promising alternative to fossil fuels, offering more sustainable and eco-friendly energy solutions. I recently had an opportunity to visit the Biofuel Center under the Biofuel Engineering (open elective course) to learn more about this emerging field and witness the process of biofuel production. The plant visit was arranged by our course faculty, Dr. Santhosh Poojary, Assistant Professor, Department of Biotechnology Engineering.

The center that I visited has a state-of-the-art facility that uses innovative techniques to convert different forms of biomass into usable biofuels. As I entered the center, I was warmly welcomed by Mr. Vinay Shetty, the support staff of Biofuel center and also, I was greeted by the sight of massive machines and tanks that looked like something out of a science fiction movie. I was immediately struck by the sheer scale of the operation. The center had several different types of biofuels being produced, including biodiesel, bioethanol and biogas.

I was fascinated to learn about the various sources of feedstock used for producing these biofuels. It was amazing to see how advanced the field of biofuels had become, and I realized that this was going to be a major factor in the transition towards sustainable energy in the future.

One of the highlights of my visit was the chance to see the production process in action. I was shown the steps involved in converting raw feedstock into usable biofuel, including pre-treatment. It was impressive to see the precision and attention to detail that went into each stage of the process. One of the most interesting things that I learned during my visit was the wide range of different types of biomass that could be used to create biofuels. I had always thought that biofuels were primarily made from crops like corn or sugarcane, but I was surprised to learn that other forms of biomass, such as algae and even waste materials like food scraps and used cooking oil, could also be used to create biofuels.
The visit to the biofuel center was not just informative, but it was also inspiring. Seeing the level of innovation and dedication that went into creating a more sustainable energy future was truly inspiring. It made me realize that as a bio student, I had a critical role to play in this transition. I left the center feeling motivated and energized, knowing that I had the skills and knowledge necessary to contribute to this exciting field. In addition to producing biofuels, the center also focused on research and development. I was shown some of the cutting-edge technologies being developed to improve the biofuel production process. Overall, visiting a biofuel center can be a great way to gain a better understanding of the industry and its role in our society. It can also be a valuable learning experience for college students, as it can provide real-world examples of concepts and theories taught in the classroom.

In conclusion, I believe that biofuels are a vital component of our transition to a sustainable future, and visiting a biofuel center is an excellent way to learn more about advanced fuels. Additionally, you have the opportunity to see different types of biofuels, such as biodiesel, bioethanol, or biogas and learn about their properties, uses, and environmental benefits. You will also learn about the challenges facing the biofuel industry, such as feedstock availability, policy and regulatory issues or the market competition. I would highly recommend it to anyone interested in renewable energy and sustainability to visit the Biofuel Centre at NMAMIT Campus.

Every second that passes, feels like a year,
Yet every year that passes, feels like a second.
Is this Engineering’s fourth year,
Or a time wizard’s legend?

From entering with fears, to leaving with tears,
And making memories with friends, that we won’t meet for years,
It is times like these that will pass by quick,
But stay forever time-less and will always stick.

In trying times, in the future,
When life tosses me around and over,
It is good times like these that I will cherish and remember,
Times like these, that will revive my composure.

In the world of startups,
Anything can happen!
With entrepreneurs full of ideas and passion,
They see a problem, and say, “We can fix it!”
With a solution that’s quirky and a little bit unfit.
They work long hours and live on caffeine,
But their enthusiasm is as fresh as a brand new magazine.
They pitch to investors, with a smile so bright,
Hoping to get funding and take off in flight.
They launch their product, with fingers crossed,
Hoping it’ll be the next big thing, at any cost.
And when it fails, they dust themselves off,
And start all over, with a new idea and a little bit of scoff.

So here’s to the startup world, full of dreams,
With entrepreneurs taking risks and daring to scheme.
May they always have a sense of humor and not take life too seriously,
And bring us new innovations that are both quirky and merry!!!
Apple and the Serpent

It happened in heaven ages ago
In the Garden of Eden, a beautiful meadow
The tree of knowledge stood upright
And the devilish adder wound up tight

Created in heaven were Adam and Eve
The first humans the world received
Adam was created to tend to the garden
And so was Eve created to hearten

Son to God was also the devil
The bringer of light yet very evil
Cast out of heaven for his pride
To take his revenge did the devil decide

Deluded Eve as he read what she desired
The forbidden apple was what he required
Hoodwinked her to take a bite
Adam followed suit and set everything alight

God got angry and cursed them to mortality
Confined them to earth with disgusted air of finality
Humanity soon lost faith and belief
A consequence of their action that now they must reap

And solemnly Lucifer walks the earth
Guiding humanity to their impulsive desire
With a blind eye and a deaf ear to god
The burden of sin keeps getting higher.

War Files

Last night the call arrived
Border is at risk, the captain cried
Men for peace on metals of doom
Riding across with promised gloom
Where is the peace
My nights question my sleep
Wavering in my dreams
Are the warrior’s belief
Engines of war in the name of freedom
To actually suppress the widened schism
Where did we fail
Couldn’t accept and the warship sails
To never truly return, from the war
A warrior’s tale

Ishitwa Mani Jaiswal
Third year CS

Aishwarya S Shet
II Year Civil
Lived in shadows
In the heart of the city
The denizen of the night
With no remorse or pity

Ravished in the blood lust
Dripping through his chin
Gave in to his cursed desires
With no trace of a soul within

Blessed with abilities
He tracked his prey
Tore open their veins and drank
Till their bodies turned grey

He slept through the night and many a day
Tried to evade time but never aged a day
And soon his desires got to his head
With nothing to lose the monster bred

He lived his everlasting eons
Entrapped in a slew of emotions
Until one day a damsel came to town
With blue sapphire eyes and hair golden brown

He saw her for the first time
One night when he murderously wandered
Her beauty froze him instantly
As the monster in him surrendered

He stayed frozen with wide-eyed devotion
Feeling the gust of some buried emotion
He watched her fade and disappear
Those innocent eyes marked with fear

He racked his brain for some recollection
And found a face as though her reflection
She had died years ago
Slid on a mountain and buried in snow

If not a monster for sure a with
That awoke in him the unscratchable itch
He had fallen for her that's all he knew
And bitten more than he could really chew

The wind blew her heavenly smell
Which was just delicious as hell
The monster in him roared again
Filled with hunger and in pain

He bolted towards her in a strike
The helpless monster of the night
Grabbed her by the neck very tight
Dipped his fangs and drank in delight

Now she lies at his feet
Splattered in blood yet white as sheet
This heinousness will haunt him for years
With no tears to cry and her cries in his years.

Ishitwa Mani Jaiswal
Third year CS
TALE OF MEDUSA

Conceived in the heart of the sea
Gorgon Medusa, only mortal of the three
Beautiful as the ocean pearl, pure as the morning light
Held people transfixed at her one single sight

The Temple of Athena was what she called home
Served as a priestess in the beautiful holy dome
Nemesis to Athena was Poseidon, violent ruler of the sea
Landlocked he was limited, yet couldn’t let her be

His eyes fell on Medusa and lusted for her madly
Saw her as an item of possession so as to get his revenge gladly
Rejected many proposals, Medusa knew she should never turn-in
As to serve in the temple she must always remain a virgin

Poseidon lost his mind and violated her modesty
She screamed for help but none turned up to her safety
Poseidon finally got what he devilishly came for
In his defence he had only Athena to blame for

Later came Athena and realised what had happened
Driven mad with anger, she had Medusa imprisoned
She cursed Medusa’s hair, shiny golden to a dreadlock of venomous snakes
Having once been jealous of, to punish Medusa for her mistakes

All those who looked at Medusa would turn to stone
The temple shambled upon itself and Athena was gone
As the word of what Medusa had become slowly spread
Warriors to prove themselves would come, for the prize of her head

And then of course, came Perseus, the son of Zeus
Cut off Medusa’s head and put his gifted Harpe to good use
Medusa was pregnant when he chopped her head off
Out came pegasus from the severed neck and to the skies he set off

Flight of Pegasus is an emblem of a soul’s immortality
No soul born ever truly dies just phases into a different personality.
Moving On

Sometimes I sit by my window and wonder
What do some people lose
When others prosper?
Why do they try their best to convince others
That you never deserved to live?
Would they change if they go through the pain
That you’ve had to face?
Would they admit for once
That what they say about others
Reflects their own character?

Then I see the sun
Burning itself,
But the light released from it,
Counts years in its travel!
There is no gain without pain.
From every bad moment,
You get to learn something new.

Those people who spread nonsense,
Happiness isn’t in their destiny.
Nor are meaningful friendships,
Nor do they wish for any.

But in your pain, you always have friends
Like 8 planets around you,
Sharing happiness and sorrow
So remember them and move on!

Forgotten

Here I am at the window side,
Ahh what a beautiful sight it is!
Slow music, window seat and a peaceful evening,
But wait!
Something isn’t right,
Deep down there are scars,
Which are invisible,
But little do they know about it,
Everything seems fine from outside,
Tired of the way things are going,
Like the middle child of the family,
Whose existence is always forgotten,

There I lie,
With sorrows buried,
Deep down
Deep down..!
-Ganashree
Lost
Bewildered thoughts running through my mind,
Is it really worth it?
My thoughts and my actions are out on their own,
It seems like I have lost control,
I am lost in your words,
Trying to pick myself up bit by bit,
But there is silence everywhere,
Just the waves hitting the shore,
Reality is always harsh,
But no one can ever change the feeling that I behold,
Buried deep beneath like the depth of the ocean.
A SILENT TEAR

I never understood the words
"I miss you" until one day
I reached out for your hand
Like I always had,
But this time it wasn’t there
I needed you a million times,
I reached out to you a thousand times,
But all I got was silence.
If love could have saved you,
I would be holding your hand,
When you left, you dint go alone
There was a part of me that went with you.
You saw me take my first breath,
And I saw you take your last!
As a silent tear rolled down my cheek.

NEVER TO TRULY PART

They say,
Life isn’t about
How many times you fall,
And it isn’t about what you lose,
Is it true?
Even when what is lost,
Is really who? And how?
I knew her for hardly 6 years
Despite the agony and pain
She led me from behind
And taught by example
Her beauty, my strength
Her care, my source of power
Her will power, my inspiration
Her love, the reason my eyes
Flood at night
Although she left without really saying
A Goodbye
She left a lasting impact and that
Will always remain a fact to me
Forever you will reside in my heart
Never to truly part

CAPTAIN MY HEART

Captain my heart
Steer my soul
Take me with you wherever you go
Through the calm and stormy seas
We will row, and live together
Even if the world turns cold.
Hold my hand and show me the way
Let this go day after day
No one can stop you,
Because I’m nothing but yours
Let’s set our heart free and
Together break all laws
Captain my heart
Steer my soul
I realize I’m high as I look down below
You numb all my senses
Make me feel weak,
All this feels too real
To be just another dream.

Disha Ravi
Third Year EE
Reality and fantasy
I’m wavering between these lines now
A very fine line it is
If you are not careful, it can get chaotic between the two,
A strong will power is needed
To burn the strings entangling them
The fuel coming from the beats of your heart
Face your inability to accept reality
and how you continue to spiral down the slide of fantasy
Not seeing reality as it truly is
for hiding behind fantasy is reality
Fantasy is just a thin film of paper
The fog you continue to get lost in voluntarily
While reality is just waiting for you to notice it
Or slap you in the face to wake you up at the right time with a rasping chime
To remind us that our fantasy is just a mere fantasy
The option is
Will you continue to spiral down this non-existent tumble to doom
Or wake up to confront and accept reality as it truly is?

I find peace when I feel the warmth,
Warmth through the fresh grass
and the moist land, i feel it! I feel it through my feet.
Pleasing is the soft blow of the wind that free my chains
The quite sound of the dashing leaves transports me to the land
with gushing waves
I fondly smell the mild perfume of the flowers
The feeble chirps of birds and buzz of insects, i hear it ! I hear it through my soul.

I breathe calm, I’m blessed pure
When I see myself around this craft,
In silence and sunlight, i feel it!
And you can too.
INCRIDEA

In the middle of internals, assignments and lab viva
Nodding head to professor’s words waiting for that rush of dopamine
Came through a new wave of joy in heart and freshness in mind
Roaring its presence in every nook and corner from oven fresh to cafe Sanmathi
Indeed, it was a celebration of our student life, even though the days were just four
Dancing in joy more than working to the beats of freedom filled music
Emerging like an emperor who cheered the whole nation.
All of a sudden, vanished, nowhere to see, without a sound, just like illuminati.

POWER

He was walking slowly in the restless world
His single wave of curiosity made his ocean of brilliance seem dull
He asked himself, why is God in different forms and names?
Why can’t he be one for all, does he wear a super hero Cape?
Some people thought he’s everywhere, so let’s not fit him into a particular shape
Some people said he’s one for all, he’s the supreme lord & worship him like a man
who knows all, somebody thought let’s worship him according to our needs, be
truthful to yourself, he’s watching our deeds.
He can do wonders around you, but his range is beyond this universe. He can make
anything happen in a second, but he’s beyond time. He can get into your thoughts,
but he’s beyond your logic and intelligence. Then why do good people suffer under
his rule? If good people suffer, then think about the rude...
Suddenly he realised these answers were given by someone else but nobody around did speak to him. He
asked himself who are you to understand my thoughts? The hidden voice said,
“I already told you I can get into your thoughts...” Are you a man? Why did you refer
yourself as he? I said he because YOU are a man, said the unseen one. He, she, or it,
what should I refer? He wasn’t ready to give up... Anything you wish, because
remember, you are not referring to a person, but the hidden within power. And I
hope you know, “POWER” is not about gender!!!
COMPLIMENTARY CONTRASTS

To stay fresh all day, you need good sleep
But a tired body makes you lose in sleep
You laugh thinking about your difficult times
And you cry remembering your happy memories
Food satisfies your hunger
But hunger is driven by the same satisfaction
You’re happy when you succeed
But your past failure makes it more enjoyable
You always need not fight with the opposite
“Sometimes contraries compliment each other the best”

FAMILY

How am I supposed to define a family?
What is a family? Or who is a family?
Which one is the right question??
Is it the blood relationship that you share with your residents?
Or is it people who make you feel home??
Is it people who just live with you?
Or is it people who make you feel alive??
Is it an entity that can be recorded?
Or is it an emotion which can only be felt??
Is the definition different for everyone?
Or is it the family which defines you every time??
Whatever it is, just hope every family powers you up
Either they power you or you empower them
Anyway, for me, family isn’t a place, it isn’t people, it’s a mentality!
Just like an army, which can’t be separated from uniformity!!!
ARTICLES
ಮಾದರಿಯೊಂದಿಗೆ ಮೇಲೆ ಸುಲಭವಾಗುವ ಮಾಧ್ಯಮಗಳನ್ನು ಹೊಂದಬೇಕು.
विश्वभाषा संस्कृत्त

सरल भाषा संस्कृत का सरल भाषा संस्कृतम्।
सरस सरल मनोज मंगल देवभाषा संस्कृतम्।
मधुभाषा संस्कृत मझुल भाषा संस्कृतम्।
मझुल मधुर मनोज रामेश तुल्यभाषा संस्कृतम्।
देवभाषा संस्कृत देवभाषा संस्कृतम्।
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।। जयतु भारतम् जयतु संस्कृतम्।
ನೃತ್ತಿ ಕೀಂತ

ನಂಬಾರು: 178

Nidarshan '23

ನಂಬಾರು: 178

Nidarshan '23
मानव अस्तित्व के इतिहास में योग ज्ञान का अनुभव बहुत ही प्राचीन समय से है। योग के प्रचार साधन के रूप में योगमार्ग का इतिहास छोटे छोटे प्रदेशों, नदियों और घाटों में प्रविष्ट हुआ। योग का सबसे प्राचीन प्रमाण उन समय के रूप में माना जाता है, जब योग के निष्ठावान हुए। योग का सबसे प्राचीन प्रमाण उन समय के रूप में माना जाता है, जब योग के निष्ठावान हुए। योग का सबसे प्राचीन प्रमाण उन समय के रूप में माना जाता है, जब योग के निष्ठावान हुए।
ಪ್ರಾಣವೈಶಿಷ್ಟ್ಯ

ಪ್ರಾಣವೈಶಿಷ್ಟ್ಯ, ಹಿತೈತಿ ನಿಷ್ಪುಜ
ಲಕ್ಷೆ ಪರುಳೆಗೆ ಸುಂದರದ, ಕಲೆ ದಲ್ಲಿರುವ ಚಿಕ್ಕ ಮೂಲಕ?
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ಅಲುಬಂಡ

ಅಲುಬಂಡ ಅವರು, ಅಲುಬಂಡರಾದ್ದು?
ಅಲುಬಂಡರಾದ್ದು? ಎದ್ದು ಅಲುಬಂಡ?
ಅಲುಬಂಡ ಅವರು ವ್ಯಕ್ತಿಯಾಗಿ ಗೆದ್ದುದ್ದು, ಎದು ಅಲುಬಂಡರಾದ್ದು?
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मुख्य - संदर्भ

मलरू - भूमिसा

मलरू चुंबक वंचके माझे नक्सल समस्या
दा पुरवठा रस्त्यातील वाढवू नसला.
मोठेची झाडकुंडी, भरतचं नावलण...

तरी डोंबळीचे उंचापण,
उरुर लागून गेला, ठिकानमध्ये
संदर्भात परतेच अपूर्व शिखराच्या फुटांकें,
उरुर वेळी तीरन, उरुर गोडरलेला?

उरुरतर लागून गेला, ठिकानाच्या सुरुवातीत,
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मलरू ने फलकल
उरुरतर नेट्ट वाल
DIRECTORY
2023
Computer Science

Aadya Rai
702 Divya Paradise
Block - B
Bejai Kapikad Road
raadya46@gmail.com

Abdeali
Flat No.101, M.m Towers, Near Krishna Oil Mills,
Ansari Road, Bunder, Mangalore 575 001
abdeali.mangalorewala@gmail.com

Abhay G Prabhu
Laxminarasimha, Behind Ballal Complex,
Brahmavar Road, Hebrsi 576 112
abhayg0727@gmail.com

Abhishek G Rao
Flat No. -301 Sai Harsha Square,
Tenkapate,Udupi
abhishekgkrd@gmail.com

Adithya A Sooda
Sri Durga S-22/6(8)
Subhashitha Nagar
Surathkal Mangalore 575014
adityasooda@gmail.com

Adithya Kumar Bhagat
Work No.13, New Market, Bhairangji,
Madhepura Nagar, Mangalore 575 003
adityakumarbhagat01@gmail.com

Adithya Murugan
4-264 B, “The Lights”,
Mangala Colony 1st Cross,
Dasharath Nagar, Manipal
muruganaditya1@gmail.com

Agnes Shetty
2-17A, Ashirwad Nagar,
Kelakuribettu Post,
Mangalore 575 001
aghesshetty@gmail.com

Akhshaj A Kotwal
Ward No.3, House No.42, Mohalla Khakhal Bhaderwath,
District Doda, Jammu And Kashmir
akhshajakotwal@gmail.com

Akshay Prabhu
D.no 202, Srisai
Apartment, Near Manchor Wines,
Manipal
kakshayprabhu1102001@gmail.com

Amit H G
‘Chinnu Nilaya’, 24x7
Shop Opposite Lbs
Nagar, Shimogabog,
Karnataka 577 204
amit6112.001@gmail.com

Amogh Mayya K S
S2,Savannah Park
Ajjarkad, Udupi
amoghsk2562001@gmail.com

Anjain Prabhu
D.no 202, Srisai
Apartment, Near Manchor Wines,
Manipal
kakshayprabhu1102001@gmail.com

Anoop Choodamani
Surya Nivas River Street
Belur-573115
anoopchuddamani21@gmail.com

Anusha B
‘Anusha’ 4-101/4
Ullasnagar,
Kavoor Mangalore
anusha17bangera@gmail.com
Rakesh
Near Archarya Bettu,
Asodu Post Kundapura
Taluk, Udupi Dist
Karnataka 576222
rakeshthb15717@gmail.com

Rakshith Poojary
3-128 B, C S Road,
Melhithli, Kundpura,
Udupi, Karnataka
576201
rakshath121@gmail.com

Rakshith Kumar
19-89a-86
LINGAPPAYYAKADU K.S.
Rao Nagar Karmad
Mulki, Mangalore,
Karnataka 574154
poojaryrakshith65@gmail.com

Ranga Vinaya Babu,p
Bhoomanakatte 2nd
Division Bhadravathi,
Hiriy, Shrinaga,
Karnataka 577302
rangavinayababup@gmail.com

Raveena Raj Hartekar
Near G. C. College,
Vandige,
Ainkle, Uttar Kannada,
Karnataka 581314
raveenahartekar13@gmail.com

Sachin B Goudar
At: Nimbalagundi Post:
Aihole Tq; Hunagundu
Di: Bagalkot
Karnataka 578124
sachingoudar212@gmail.com

Sahana Cp
Cm Layout, Hiriyur
Taluk, Chitradurga
District,
Karnataka 577598
sahananousctt1@gmail.com

Samartha Prabhu
'Sri Laxmi' 76
Badagabettu,
Kukkitakatte, Udupi,
Karnataka 576101
prabhusamartha2002@gmail.com

Samith Suvarna
1-303/1 Shedikatta
Bellanu Village,
Haleyangady Post,
Mangalore, Karnataka
574146
samithsusvarna77@gmail.com

Sampath Kumar
1/132
Nukyadi, Nethravathi
Nilaya Ampar Post And
Village, Kundapura,
Karnataka 576211
sampathkumar0750@gmail.com

Sanjay Bn
S/O Nagaraj B,
Kalaparasha Nilaya,
Lic Office 2nd Cross
Sagara, Shrivamogga,
Karnataka 577411
sanyajbn0137@gmail.com

Sanjaya S Shetty
Karnataka 57225
shettysanjay719@gmail.com

Sedrick Dias
Christian Keri
Chandavara, Honnavar,
Uttara Kannada,
Karnataka 581338
vinayakanv1104@gmail.com

Senapath
4-173/2 Laxmi Nivas,
Laxmi Compound,
Airport Road
Yeyyadi, Mangalore
Karnataka 575008
senapathkurali@gmail.com

Sharat Arun Bhandari
Karki, Honavar,
Uttarkannaada,
Karnataka 581341
sharatihanadi64@gmail.com

Shravan B Udupa
Kathalsar House,
Padupar Post
Via Bajpe, Mangaluru,
Karnataka 574442
shravanudup@gmail.com

Shreesha S Shetty
Agnarottu House Pratte,
Karkala, Udupi,
Karnataka 574110
shreesha12129@gmail.com

Shreyas T
3-35/105, Santhosh Nagar House,
Vanmanjoor Post,
Manglore, Karnataka
575028
shreyast2001@gmail.com

Shrikant Bhandari
Koushuba Chethan Nagar Chanthar
Brahmavara, Udupi,
Karnataka 576213
shpoorthinayak604@gmail.com

Siddalingayya Math
S/O C Ratchaya Math
Salotagi Rugi Main Road
Indi Taluk,
Vijayapur District,
Karnataka 586217
siddelingayyam
at:606@gmail.com

Sinchus j Shetty
Anna Maimady, House
Karje Post, Hosoor
Via Chenkadi, Udupi,
Karnataka 576215
sinchusheety99@gmail.com

Smita Gajanan
Kerekon Honnavar,
Karnataka 581334
smita.kerekon@gmail.com

Spoorthi
Koushuba Chethan Nagar Chanthar
Brahmavara, Udupi,
Karnataka 576213
spoorthinayak604@gmail.com

Suman Shetty
2/209
Near Nandikeshwara Temple
52 Hervor Brahmavara,
Udupi, Karnataka
576223
sumanshetty556@gmail.com

Sumanth B S
S/O B N Subramanya
Main Road, Near
Library,
Narasimharajapuram
Chikmagalur, Karnataka
577134
sumanthbs17@gmail.com

Sushanth M S
‘Mukyapara’
Behind Dhanalakshmi
Cashew Industry,
Gardhinarar,
Moodbidri, D K
Sushanthms@gmail.com

Swaraj V Anchan
Door No. 5-3-81
Girje Sadana Behind
Diana Theater
Chitradur, Udupi,
Karnataka 576101
yswrajanchan2@grand.com

Sumanth B S
Karnataka 576223
sumanthbs17@gmail.com

Tanishk Nagar 2nd
Cross, B R Project (Post),
Bhadraavathi, Shrinaga,
Karnataka 577115
tanishk140620@gmail.com

Utkarsh Gupta
593, Civil Lines Church
Road Sitapur - 261001,
Uttar Pradesh
ukgupta2010@gmail.com

Vijay S Hiremath
S/O Siddalingesh
Hiremath 15th Cross,
Teachers Colony,
Vidyaagiri, Bagalkote,
Karnataka 578103
vijaysinhm@gmail.com

Vijayak P Bhandari
Near Janatha Colony,
Mavalli - 2
Po: Mundeshvar,
Bhatkal, Karnataka
581330
vijayakpabhandari@gmail.com

Vishwanath D
Sovenallahi Thanda
Huvinahadagali,
Vijayanagara
Karnataka 582219
vishwanathd2001@gmail.com

Yakshith AM
Hospate Street, Arehalli
Belur, Hassan, Karnataka
573101
yakshithbhandary0463@gmail.com

Vinish K Shetty
2/171 A
Udupi,
Karnataka 576211
vishikshetty65@gmail.com

Vinayak U Naik
Hallimodega,Honnavara
Uttara Kannada,
Karnataka 581338
vinayakanv1104@gmail.com

Vinayaka P Bhandari
Near Janatha Colony,
Mavalli - 2
Po: Mundeshwar,
Bhatkal, Karnataka
581330
vinayakparamshwarbh
andan@gmail.com

Yashaswini Kundu
8/142
Vidya Shala Road,
Vijayapur
Vijayapur District,
Karnataka 578103
yashaswinikundu@gmail.com

Zubair H Khan
Karnataka 576101
zaikundii1@gmail.com

Nidarshan ‘23 | 205
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arpitha M</td>
<td>Sri Swami Krupa Bagwadi Cross Devalkunda, Kundapura, Udupi</td>
<td><a href="mailto:marpitha79@gmail.com">marpitha79@gmail.com</a></td>
</tr>
<tr>
<td>Arun Pm</td>
<td>Ashirnad Nilaya, Near Saibaba Temple, Petebedi, Nallur, Davanagere (Dist), Channagiri (Taluk)</td>
<td><a href="mailto:arunmanjunathbabu@gmail.com">arunmanjunathbabu@gmail.com</a></td>
</tr>
<tr>
<td>Ashika</td>
<td>Sri Padma, Kumbrabettu, Airody Sasthana, Udupi</td>
<td><a href="mailto:ashikadevadiga10@gmail.com">ashikadevadiga10@gmail.com</a></td>
</tr>
<tr>
<td>Ashish Salian</td>
<td>Anugraha House, Ilhm Road, Kundapura, Udupi</td>
<td><a href="mailto:ashishsalian706@gmail.com">ashishsalian706@gmail.com</a></td>
</tr>
<tr>
<td>Ashor Ahmed</td>
<td>Plama Gardenia, Flat No.405, S.I. Mathias Road, Attavar, Mangalore, Karnataka 575001</td>
<td><a href="mailto:ashoorahmed07@gmail.com">ashoorahmed07@gmail.com</a></td>
</tr>
<tr>
<td>Ashrith Achar</td>
<td>Sri Ran Nivas Near Mutt Temple, Near Katpadi Post, Udupi <a href="mailto:acharyaashrith@gmail.com">acharyaashrith@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Ashwin M Pai</td>
<td>Hegdes Compound, Main Road, Karkala, Karnataka 574104</td>
<td><a href="mailto:ashwinmpai174106@gmail.com">ashwinmpai174106@gmail.com</a></td>
</tr>
<tr>
<td>Ashwin S K</td>
<td>Akshaya, House No 21/7 Ward Number 06 Old Road Bellangady, Karnataka, 574214</td>
<td><a href="mailto:avishkumble90@gmail.com">avishkumble90@gmail.com</a></td>
</tr>
<tr>
<td>Avish S K</td>
<td>Akshaya, House No 21/7 Ward Number 06 Old Road Bellangady, Karnataka, 574214</td>
<td><a href="mailto:avishkumble90@gmail.com">avishkumble90@gmail.com</a></td>
</tr>
<tr>
<td>Ayushi Ashok Shetty</td>
<td>A/301, Divya Paradise, Bejai, Mangalore, Karnataka 575004</td>
<td><a href="mailto:ayushisheety04@gmail.com">ayushisheety04@gmail.com</a></td>
</tr>
<tr>
<td>Ayushi Ashok Shetty</td>
<td>A/301, Divya Paradise, Bejai, Mangalore, Karnataka 575004</td>
<td><a href="mailto:ayushisheety04@gmail.com">ayushisheety04@gmail.com</a></td>
</tr>
<tr>
<td>Ashwin V Shenoy</td>
<td>‘Sitaram’ 5-2b, Ambagil Junction, Udupi, Karnataka -576105</td>
<td><a href="mailto:ashwinvshenoy2006@gmail.com">ashwinvshenoy2006@gmail.com</a></td>
</tr>
<tr>
<td>Ashwin George Matthew</td>
<td>“Ashwin” S2 Heroor, 4th Manikatte Brahavara, Karnataka 576213</td>
<td><a href="mailto:ashwinjorgeomathew@gmail.com">ashwinjorgeomathew@gmail.com</a></td>
</tr>
<tr>
<td>Ashwini T</td>
<td>Bettamakki, Seebinakere (Post), Thinhathalli – 577432</td>
<td><a href="mailto:tthashwini41@gmail.com">tthashwini41@gmail.com</a></td>
</tr>
<tr>
<td>Avish K S</td>
<td>Akshaya, House No 21/7 Ward Number 06 Old Road Bellangady, Karnataka, 574214</td>
<td><a href="mailto:avishkumble90@gmail.com">avishkumble90@gmail.com</a></td>
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<td>Akshaya, House No 21/7 Ward Number 06 Old Road Bellangady, Karnataka, 574214</td>
<td><a href="mailto:avishkumble90@gmail.com">avishkumble90@gmail.com</a></td>
</tr>
<tr>
<td>C N Tejas</td>
<td>Nekkare House, Uppinangady, Dakshina Kannada District, Karnataka 574241</td>
<td><a href="mailto:cmtejas@gmail.com">cmtejas@gmail.com</a></td>
</tr>
<tr>
<td>Chaitrani Bala Mahale Durgaken, Honnavar, Uttarkarnada-581334 <a href="mailto:mahalechaitrainal@gmail.com">mahalechaitrainal@gmail.com</a></td>
<td></td>
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</tr>
<tr>
<td>Chaitanya Kumar D N</td>
<td>Sirgandha, 12th Cross Tellar Road, Karkala, Karnataka 574104</td>
<td><a href="mailto:kumarachaitanya1@gmail.com">kumarachaitanya1@gmail.com</a></td>
</tr>
<tr>
<td>Chirag</td>
<td>Shri Durga, 2nd Main Ks Rao Township Yekkur, Mangalore-575007</td>
<td><a href="mailto:chiragyekkur@gmail.com">chiragyekkur@gmail.com</a></td>
</tr>
<tr>
<td>Chirashree</td>
<td>Sadamakki, Seebinakere (Post), Thinhathalli – 577432</td>
<td><a href="mailto:tthashwini41@gmail.com">tthashwini41@gmail.com</a></td>
</tr>
<tr>
<td>Chirashree</td>
<td>Sadamakki, Seebinakere (Post), Thinhathalli – 577432</td>
<td><a href="mailto:tthashwini41@gmail.com">tthashwini41@gmail.com</a></td>
</tr>
<tr>
<td>Dhanashree</td>
<td>Gayatri Nilaya #1/81 Near Bappanadu Temple Bappanadu, Mulki -574154</td>
<td><a href="mailto:Dhanashree3511@gmail.com">Dhanashree3511@gmail.com</a></td>
</tr>
<tr>
<td>Dhanashree</td>
<td>Gayatri Nilaya #1/81 Near Bappanadu Temple Bappanadu, Mulki -574154</td>
<td><a href="mailto:Dhanashree3511@gmail.com">Dhanashree3511@gmail.com</a></td>
</tr>
<tr>
<td>Dhanish S Suvarna</td>
<td>‘Dhanish’ Behind Sdm Ayurvedic College, Kuthapy, Post Udupi - 574118</td>
<td><a href="mailto:dhanisshsuvarana213@gmail.com">dhanisshsuvarana213@gmail.com</a></td>
</tr>
<tr>
<td>Dhanush S Hegde</td>
<td>‘Dhanish’ Behind Sdm Ayurvedic College, Kuthapy, Post Udupi - 574118</td>
<td><a href="mailto:dhanisshsuvarana213@gmail.com">dhanisshsuvarana213@gmail.com</a></td>
</tr>
<tr>
<td>Dhruv Prabhu</td>
<td>12-5-615,New Field Street, Opp. Flower Market,Ravi Arts Compound Kodicabai Mangalore-575001</td>
<td><a href="mailto:prabhudhruv@gmail.com">prabhudhruv@gmail.com</a></td>
</tr>
<tr>
<td>Dhruv Prabhu</td>
<td>12-5-615,New Field Street, Opp. Flower Market,Ravi Arts Compound Kodicabai Mangalore-575001</td>
<td><a href="mailto:prabhudhruv@gmail.com">prabhudhruv@gmail.com</a></td>
</tr>
<tr>
<td>Dhanashree</td>
<td>Gayatri Nilaya #1/81 Near Bappanadu Temple Bappanadu, Mulki -574154</td>
<td><a href="mailto:Dhanashree3511@gmail.com">Dhanashree3511@gmail.com</a></td>
</tr>
<tr>
<td>Dhanashree</td>
<td>Gayatri Nilaya #1/81 Near Bappanadu Temple Bappanadu, Mulki -574154</td>
<td><a href="mailto:Dhanashree3511@gmail.com">Dhanashree3511@gmail.com</a></td>
</tr>
<tr>
<td>Elton Louis Dosuza</td>
<td>Forest View House, Pernal Udupi, Karnataka 574116</td>
<td><a href="mailto:dosuzaelt08@gmail.com">dosuzaelt08@gmail.com</a></td>
</tr>
<tr>
<td>Elton Louis Dosuza</td>
<td>Forest View House, Pernal Udupi, Karnataka 574116</td>
<td><a href="mailto:dosuzaelt08@gmail.com">dosuzaelt08@gmail.com</a></td>
</tr>
<tr>
<td>Feroz Khan</td>
<td>Pwed Quarters, Door No 17 Vivekananda, 2nd Cross, Ajarakad, Udupi, Karnataka- 576101</td>
<td><a href="mailto:ferozk7474@gmail.com">ferozk7474@gmail.com</a></td>
</tr>
<tr>
<td>Gagan G</td>
<td>Flat No 205, Dutta Orchard, Ashoknagar, Mangalore, Dakshina Kannada, Karnataka, 575006</td>
<td><a href="mailto:gagang2702@gmail.com">gagang2702@gmail.com</a></td>
</tr>
<tr>
<td>Gagandeep N</td>
<td>“Gagan”, Gopalpura 4th Main, 1st Cross, Santekatte, Udupi - 576105</td>
<td><a href="mailto:gagandeepn.p.2003@gmail.com">gagandeepn.p.2003@gmail.com</a></td>
</tr>
<tr>
<td>Gagan G</td>
<td>Flat No 205, Dutta Orchard, Ashoknagar, Mangalore, Dakshina Kannada, Karnataka, 575006</td>
<td><a href="mailto:gagang2702@gmail.com">gagang2702@gmail.com</a></td>
</tr>
<tr>
<td>Gautham Pai Kulyadi</td>
<td>D.no 7-13 Old Ferry Road, Bappanadu Road, Kuthapy, Post, Udupi 574118</td>
<td><a href="mailto:gauthampai17@gmail.com">gauthampai17@gmail.com</a></td>
</tr>
<tr>
<td>Glen Henson</td>
<td>Fernandes 12-28b Ashrama Road, Kuthapy, Post, Udyavara, Udupi 574118 <a href="mailto:glen1292005@gmail.com">glen1292005@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Harsha M Prabhu</td>
<td>#1279,K/9th B Cross,4th Block, Hennur Cross Hbr Layout, Bangalore – 560043</td>
<td><a href="mailto:harshamprabhu@gmail.com">harshamprabhu@gmail.com</a></td>
</tr>
<tr>
<td>Harshav Kumar</td>
<td>A-7, Shree Cement Ltd, Andheri Deori, Bangur Nagar Beawar, Rajasthan 305901</td>
<td><a href="mailto:harshavkumar234@gmail.com">harshavkumar234@gmail.com</a></td>
</tr>
<tr>
<td>Harshitha B N</td>
<td>Bikve, Kudumallige (Post) Thinhathalli (Taluk), Shimogga Karnata – 577432</td>
<td><a href="mailto:harshithabn2001@gmail.com">harshithabn2001@gmail.com</a></td>
</tr>
<tr>
<td>Harsh Rahul Kumar</td>
<td>Hansalia Datta Palace Kodialguttu West, Mangalore, Karnataka 575003</td>
<td><a href="mailto:hansaliaharsh@gmail.com">hansaliaharsh@gmail.com</a></td>
</tr>
<tr>
<td>Harshikshapur</td>
<td>Yimar House, Near Vishnu Nilaya Temple, Moodiakerevoor Udupi, 576 101.</td>
<td><a href="mailto:hjmanoj2000@gmail.com">hjmanoj2000@gmail.com</a></td>
</tr>
<tr>
<td>H J Manoj</td>
<td>Vishnu Nilaya Near Vishnu Moorthi Temple, Moodiakerevoor Udupi, 576 101.</td>
<td><a href="mailto:hjmanoj2000@gmail.com">hjmanoj2000@gmail.com</a></td>
</tr>
<tr>
<td>Hamsa Shenoy</td>
<td>Sri Nagesh Mahalaxmi, Melepete Hebru, Udupi, Karnataka 576112</td>
<td><a href="mailto:deepashe0204@gmail.com">deepashe0204@gmail.com</a></td>
</tr>
<tr>
<td>Hamsa Shenoy</td>
<td>Sri Nagesh Mahalaxmi, Melepete Hebru, Udupi, Karnataka 576112</td>
<td><a href="mailto:deepashe0204@gmail.com">deepashe0204@gmail.com</a></td>
</tr>
<tr>
<td>Hargle Kumar</td>
<td>Hansalia Datta Palace Kodialguttu West, Mangalore, Karnataka 575003</td>
<td><a href="mailto:hansaliaharsh@gmail.com">hansaliaharsh@gmail.com</a></td>
</tr>
<tr>
<td>Hargle Kumar</td>
<td>Hansalia Datta Palace Kodialguttu West, Mangalore, Karnataka 575003</td>
<td><a href="mailto:hansaliaharsh@gmail.com">hansaliaharsh@gmail.com</a></td>
</tr>
</tbody>
</table>
Nidharsh '23

Mouly R Jain
Pr Farm House
Hosmar, Karkala Udupi,
Karnataka 574107
moulyrajain09@gmail.com

Namatha Nayak
2-154-A11 Near
Padiyar House, Manchi
Road, Kukkundi, Udupi
576101
namathanyayak1578@gmail.com

Nandana G Krishnan
Vittam, Opp S S
Kalamandir Nileswar,
Kasaragod, Kerala
671314
nandanagkrishnan31@gmail.com

Nikhil T C
Flat No:304 Nandashree
Apartments, Surathkal,
Mangalore 575019
tcnnik@gmail.com

Nipun R Salian
1-195/3 ‘Neo pura’
Near Nmpt Housing Colony, Kadamboddy,
Kukkur, Hosabettu.
575 019
nipsansalian14@gmail.com

Nireeksh
Badabail, Shridhane,
Hebri Udupi, Karnataka
576212
nireekshshetty19@gmail.com

P. Rajalaxmi Shetty
Patel House Padavary
Byndoor- 576214
shettyrajd0906@gmail.com

Padmasali Akshay
Devanand
2-12/1, 3rd Cross,
Jayanthi Nagar, Near
Taluk Office, Udupi
Kukkundi, Karkala,
Karnataka – 576117.
akshyapadmasali112@gmail.com

Pallavi Prabhu
“Saraswath Nivas”
Rajeeva Nagar, Nejar
Santhekatte, Udupi
576105
pallaviprabhu600@gmail.com

Paruthi Raja S
69/1 Thangyudde
Chikkamunnoor
Puttur D X 574203
paruthirajas@gmail.com

Pragati Rane
House No:26
Kaigawada Mallapur
Karwar Uttara Kannada
Karnataka 581400
prajkarane261@gmail.com

Pragaksh
Tonse West
Kemmangudde, Udupi,
Karnataka 576115
prajas702@gmail.com

Prajwal P
3-74/21 Santhrupthi,
Lalit Nagar, Ujire
574201
prajwalp0427@gmail.com

Prajwal Bhat
Benaka, Ammanottu
Kotebagilu Junction, Alangar
Kolkamba, Karkala,
Karnataka 584103
prajwalthalagar14@gmail.com

Prajanth Naik
G3 Sanruthdi
Apartments, Near
Ganesh Gardens, Kadi,
Mangalore 576003
praathnathnaik@gmail.com

Prajwal Nayak
2-35/A Benaka
Pinkupthi, Katipalla
3/238g, 3rd Block
'Swathi Nilaya', D.no.
2-12/1, 3rd Cross,
Devanand, Marne
Chandrashekar
Poojary Shreyas
Chandrashekar
Depputhe, Paduvary
Byndoor, Kolam
Rajat Naik
V/Po Rajthoora,
District Kangra, Tehsil
Palampur (H.p)
Rk9416180@gmail.com

Rajat Naik
Joganikatte, Haldipur
Honnavar, Uttara
Kannada-581272
rajatnaikengg315@gmail.com

Raksha Kamalakar
Borkar
Alvekodi Kumta,
Uttara Kannada,
Karnataka-581343
rakshaborkar2001@gmail.com

Tanjil V Shetty
Vighesha, Neer Nimanit
College, Nitte Karkala,
Karnataka 574110
nihalvshetty18@gmail.com

P M Mohammed
Farman
S.n.cottage, Brooks
Ville Layout, Lewell
Post Office Road, Bolar,
Mangalore – 575001
mohammedfarman64@gmail.com

Parvathy Shetty
Tonse West
Kemmangudde, Udupi,
Karnataka 576115
prajnas702@gmail.com

Poojary Shreyas
Chandrashekar
Depputhe, Paduvary
Byndoor, Kolam
Rajat Naik
V/Po Rajthoora,
District Kangra, Tehsil
Palampur (H.p)
Rk9416180@gmail.com

Rajat Naik
Joganikatte, Haldipur
Honnavar, Uttara
Kannada-581272
rajatnaikengg315@gmail.com

Raksha Kamalakar
Borkar
Alvekodi Kumta,
Uttara Kannada,
Karnataka-581343
rakshaborkar2001@gmail.com

Nidharsh '23
## M. Tech. - Construction Technology

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinisha V Shetty</td>
<td>Shri Vaishnavi, Bajagoli, Mudar Post Karkala Taluk-574122 <a href="mailto:vinishashetty11@gmail.com">vinishashetty11@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Virendra Pangaonavar</td>
<td>Plot No 182 Scheme No 40 5th Stage Hanuman Nagar Belagavi-590001 <a href="mailto:virendrap17@gmail.com">virendrap17@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Vishnu Satheesh</td>
<td>Pulickal House, Kakinje Post, Kaanal, Belthangady Taluk-574228 vishrusathee@<a href="mailto:12@gmail.com">12@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Adarsh P</td>
<td>B Block Gopalagowda Extension 4th Cross #113 Behind Income Tax Office Shimoga District Shimoga, Karnataka 577201 <a href="mailto:adarshp384@gmail.com">adarshp384@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Sampreeth B S</td>
<td>No 21 Model House Second Street Basavangudi Bangalore Taluk Bangalore Dist Bengalore 560004 <a href="mailto:bssampreeth2000@gmail.com">bssampreeth2000@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Shrvan</td>
<td>181-2, Ward No.5, Ashraya, Sri Nemigiri Road, Karkasa Taluk, Udipi District, Karnataka 574104 <a href="mailto:shrvan.padvial@gmail.com">shrvan.padvial@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Shreyas B M</td>
<td>K H Nagar 10th Cross Goravanahalli Road Maddur, Maddur Taluk, Mandya Dist-574214 <a href="mailto:shreyasbm12@gmail.com">shreyasbm12@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Mohammed Parveez</td>
<td>G.P Road, Near Lic Office Opposite Malini Nursing Home, Sagar (T), Shivasamogga (D)-577401 <a href="mailto:Parveez.mdhmmmed12@gmail.com">Parveez.mdhmmmed12@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>prasad devadiga</td>
<td>anuragha nilaya, karnataka village, tenkarakandur post, belthangady taluk, dakshina karnataka dist, karnataka 574228 <a href="mailto:prasaddevadiga1999@gmail.com">prasaddevadiga1999@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Somashekara C</td>
<td>No1. Ped Quadress, Opposite To Dysp Office, Near Mescom, Bandmita Karkala Udupi District, Karnataka 574104 <a href="mailto:somakcs@gmail.com">somakcs@gmail.com</a></td>
<td></td>
</tr>
</tbody>
</table>

## M. Tech. - Computer Science

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashwini H B</td>
<td>“Sree Lakshmi Venkatesh” Near Global Public School, Megradka P.O. Ulloidy, Kasaragod, Kerala – 671321 <a href="mailto:ashwini3alaksha07@gmail.com">ashwini3alaksha07@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Chandan N Swaraj</td>
<td>Inorahosahalli Village And Post Bangarpet Bangarpet Taluk, Kolar Dist-563114 <a href="mailto:chandanmohith129@gmail.com">chandanmohith129@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Mohammed Parveez</td>
<td>G.P Road, Near Lic Office Opposite Malini Nursing Home, Sagar (T), Shivasamogga (D)-577401 <a href="mailto:Parveez.mdhmmmed12@gmail.com">Parveez.mdhmmmed12@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Kumar M K</td>
<td>Ashraya 3rd Cross Rahul Nagar Manipal Udupi-576104 <a href="mailto:kumar.km316@gmail.com">kumar.km316@gmail.com</a> <a href="mailto:mtechkumar3@gmail.com">mtechkumar3@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Harshitha Amin</td>
<td>Akshitha Nivasar, Kurkalu Madaga, Subhasnagara Post, Kaup Taluk &amp; Udupi Dist-574105 <a href="mailto:arashitha48@gmail.com">arashitha48@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Prathwini</td>
<td>Pavithra Nilaya Near Karmi Kanda House Derebail Konchady Mangalore 575008 <a href="mailto:prathvini27@gmail.com">prathvini27@gmail.com</a> <a href="mailto:21scs03@nmamit.in">21scs03@nmamit.in</a></td>
<td></td>
</tr>
<tr>
<td>Prathwini</td>
<td>Pavithra Nilaya Near Karmi Kanda House Derebail Konchady Mangalore 575008 <a href="mailto:prathvini27@nmamit.in">prathvini27@nmamit.in</a></td>
<td></td>
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<tr>
<td>Shroovy S Shetty</td>
<td>K G Road Near Siddimavaya Temple Uppoor Village, Tenkakettu Post Brahmanmal Taluk And Udupi Dist-576105 <a href="mailto:shrotuyashay22@gmail.com">shrotuyashay22@gmail.com</a> <a href="mailto:21scs04@nmamit.in">21scs04@nmamit.in</a></td>
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<td>“Sree Lakshmi Venkatesh” Near Global Public School, Megradka P.O. Ulloidy, Kasaragod, Kerala – 671321 <a href="mailto:ashwini3alaksha07@gmail.com">ashwini3alaksha07@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Madhu S B</td>
<td>Sonangeri Kelagina Mane , Sonangeri P.O., Jaksoor Village, Sulla Taluk - 574239 <a href="mailto:madhukalugund123@gmail.com">madhukalugund123@gmail.com</a></td>
<td></td>
</tr>
<tr>
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<td>Pavithra Nilaya Near Karmi Kanda House Derebail Konchady Mangalore 575008 <a href="mailto:prathvini27@gmail.com">prathvini27@gmail.com</a> <a href="mailto:21scs03@nmamit.in">21scs03@nmamit.in</a></td>
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<tr>
<td>Kumara K M</td>
<td>Ashraya 3rd Cross Rahul Nagar Manipal Udupi-576104 <a href="mailto:kumar.km316@gmail.com">kumar.km316@gmail.com</a> <a href="mailto:mtechkumar3@gmail.com">mtechkumar3@gmail.com</a></td>
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## M. Tech. - Machine Design

<table>
<thead>
<tr>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Abbishik H Poojary</td>
<td>Harish Poojary, Opp Ganapathi Temple, Badagulipady Village Ganjipattta Post Mangalore Taluk D.k – 574144</td>
<td></td>
</tr>
<tr>
<td>Pratthwini</td>
<td>Pavithra Nilaya Near Karmi Kanda House Derebail Konchady Mangalore 575008 <a href="mailto:prathvini27@gmail.com">prathvini27@gmail.com</a> <a href="mailto:21scs03@nmamit.in">21scs03@nmamit.in</a></td>
<td></td>
</tr>
<tr>
<td>Sourav</td>
<td>Dhedku House, Kodman Post, Bantwal Taluk Dakshina Kannada, Karanataka -574143 <a href="mailto:souravj1999@gmail.com">souravj1999@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Sushanth Poojary</td>
<td>Lakshmi Chayak, Near Geetha Clinic, Belvai, Mangalore, DK-57423 <a href="mailto:sushanthpoojary334@gmail.com">sushanthpoojary334@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Niranjan Sharma K V</td>
<td>1-12, Sri Vanadurga Nilaya, Kadthyar Post Panakaje, Sonandoor Village Bethangady Taluk, DK-57424 <a href="mailto:niranjankv140599@gmail.com">niranjankv140599@gmail.com</a></td>
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<td></td>
</tr>
<tr>
<td>Rishabh</td>
<td>“Ashirwad”, Door Number: B-124/19, Phalguninagar Second Cross, Dambel, Ashoknagar, Mangalore -575006 <a href="mailto:rishhegde375@gmail.com">rishhegde375@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Sourav</td>
<td>Dhedku House, Kodman Post, Bantwal Taluk Dakshina Kannada, Karanataka -574143 <a href="mailto:souravj1999@gmail.com">souravj1999@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Sushanth Poojary</td>
<td>Lakshmi Chayak, Near Geetha Clinic, Belvai, Mangalore, DK-57423 <a href="mailto:sushanthpoojary334@gmail.com">sushanthpoojary334@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Mohammed Tanzeel</td>
<td>Block No.4 , Site No.:S Post Katipalla,Surathkal <a href="mailto:rafic2anzeel28@gmail.com">rafic2anzeel28@gmail.com</a></td>
<td></td>
</tr>
</tbody>
</table>

---

220 Nidarshan '23
Akash Joel Bangera
Ashwaad New MlG 10
Kunjathbail Mangalore
575015
rockaj29@gmail.com

Ashirwaad New Mig 10
Kunjathbail Mangalore
575015
rnmamst.in

Ankitha K S
2-407 Kodyalibail Road,
Sullia, Dakshina
Kannada 574229
raankitha098@gmail.com

Arjun Punja
6/79 Manapally House,
Pudu Post, Farangipete,
Bantwal Taluk-574143
purjaaruin@gmail.com

Dhruva Shetty
Green House, Uppunda
Ambagilu Kundapura
Taluq Udupi District –
576232
dhrv98@gmail.com

Divyamani Shetty
Samuddhi, 2nd Main
Road Subhashnagar,
Pandeshwara
Mangalore 575001.
dety.divyamani@gmail.com

Freezia Noronha
Hosabettu House, Near
Mata Mane Renjala Post
Karkala Taluk Udupi
District-574114
freezianoronha26@gmail.com

Ganesh H Shetty
House No 1359,
Vaidh Nagar, Sector 2
Belagavi - 590010.
ganeshshetty528@gmail.com

Keerthan Shetty
‘Shree Krishna’,
Near Mit 18th Block,
Eshwamagar, Manipal,
Udupi -576104.
keeerthan79@gmail.com

Krishna Prasad
Swathi Nilaya
Parchandy House,
Bondel Post,
Mangalore - 575008.
krishnaprasad0041295@gmail.com

Rudrappa Kurabet
Aditya Nagar, Near
Hansuman Temple,
PLOT 18, Gokak, Belagavi,
Karnataka – 591307
rudrappakurabet07@gmail.com

Sahana
4-2-97a, “Eeshana,
3rd Cross, Kannarpady
Colony, Kinnimuki,
Udupi-576101
sahanaudp@gmail.com

Sanathkumar D
Ganga, Near Karuna
Kiran Ayappa Nagar,
First Cross, Left Sirsi,
Uttara Kannada,
Karnataka 581402
sanathnaik75@gmail.com

Sharanya R Bangera
Anugraha Borgaluddi
Nitte, Karkala Taluk
Udupi District
Karnataka-574120
sharanyabangera28@gmail.com

Sagar K J
Halepete, Kadur Town
Kadur Taluk
Chikmanglore District
577548
sagarjykadur10@gmail.com

Sahana K C
Sahana K C/D/O
Chandrashekhar,
Lingyath Street,
Kunubusi, T Narasipura,
Mysore-577124
sahanalochana1999@gmail.com

Sahana
4-2-97a, “Eeshana,
3rd Cross, Kannarpady
Colony, Kinnimuki,
Udupi-576101
sahanaudp@gmail.com

Sharanya R Bangera
Anugraha Borgaluddi
Nitte, Karkala Taluk
Udupi District
Karnataka-574120
sharanyabangera28@gmail.com

Shruti Pandit
Sarnobatwadi, Bhosale
Building Manermata
Road East Side of NH4
Kohlapur - 416004
Shrutipandit1008@gmail.com

Shubhamangala G
Si Veerabhadeshwara
Nivasa, 6th Cross, 2nd Stage,
Virobhannagara,
Shivamogga - 572024
shubhamangalag1999@gmail.com

Vikas G Gowda
#45, “Himashree Nilaya”
Thavaradevava Koppalu,
Near MCF, Salgare
Road, Hassan Taluk and
District-573219
vikasggowda1999@gmail.com

Vikas G Gowda
#45, “Himashree Nilaya”
Thavaradevava Koppalu,
Near MCF, Salgare
Road, Hassan Taluk and
District-573219
vikasggowda1999@gmail.com

Sr. Veerabhadeshwara
Nivasa, 6th Cross, 2nd Stage,
Virobhannagara,
Shivamogga - 572024
shubhamangalag1999@gmail.com

Chaithra Salian
Guru Kripa, Maryhill,
Kochady, Airport Road,
Mangalore - 575008.
chaithrasalian1998@gmail.com

Jibin Joseph
Kattackal, Thayyeni P.o
Palayavali, Kasaragod,
Kerala-670511
jibinjoseph3099@gmail.com

Nidarshan ‘23 | 221

M.Tech - Structural

Arundathi Manoj
13/22 Nisarga Layout,
Panjepet, Viragpet,
S kodagu, 571218
Arundathimanoj67@gmail.com

Arundathi Manoj
13/22 Nisarga Layout,
Panjepet, Viragpet,
S kodagu, 571218
Arundathimanoj67@gmail.com

Ashwini Kundanagar
C/O, Dr. Raghuraj
Kundanagar, #109 A-Type Quaters, Behind
NBQ Hostel, K.M.C,
Manipal-576104
ashwinkundan@gmail.com

Ashwini Kundanagar
C/O, Dr. Raghuraj
Kundanagar, #109 A-Type Quaters, Behind
NBQ Hostel, K.M.C,
Manipal-576104
ashwinkundan@gmail.com

Chaithra Salian
Guru Kripa, Maryhill,
Kochady, Airport Road,
Mangalore - 575008.
chaithrasalian1998@gmail.com

Jibin Joseph
Kattackal, Thayyeni P.o
Palayavali, Kasaragod,
Kerala-670511
jibinjoseph3099@gmail.com

Mahendrasagar J
Uppara Street,
Holeshonur, Badravathi
Tq, Shivanagga Dist,
Karnataka – 577227
sagarjec@gmail.com

Mahendrasagar J
Uppara Street,
Holeshonur, Badravathi
Tq, Shivanagga Dist,
Karnataka – 577227
sagarjec@gmail.com

Sahana
4-2-97a, “Eeshana,
3rd Cross, Kannarpady
Colony, Kinnimuki,
Udupi-576101
sahanautdp@gmail.com

Sahana
4-2-97a, “Eeshana,
3rd Cross, Kannarpady
Colony, Kinnimuki,
Udupi-576101
sahanautdp@gmail.com

Soundarya
#2-113(C) Near
Koodadubu Davasthan
Abbedi, Nadsam Village,
Padubidri, Udupi,
Karnataka – 574111
soundaryasuvarna28@gmail.com

Soundarya
#2-113(C) Near
Koodadubu Davasthan
Abbedi, Nadsam Village,
Padubidri, Udupi,
Karnataka – 574111
soundaryasuvarna28@gmail.com

M.Tech. - VLSI Design and Embedded Systems
We pray that their souls rest in peace in their new abode.

President & Trustees, Nitte Education Trust, Mangaluru
Principal, Staff & Students, NMAMIT,
Editorial Team, Nidarshan’23