



DR. M.S. RAMAIAH



**RAMAIAH**  
Institute of Technology



**ಸುದರ್ಶನ**

**SUDARSHANA**

ANNUAL COLLEGE MAGAZINE

**2024**

[www.msrit.edu](http://www.msrit.edu)

# VISION

To be an institution of international Eminence, renowned for imparting quality technical education, cutting edge research and innovation to meet global socio-economic needs.

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# MISSION

**Ramaiah Institute of Technology shall meet the global socio-economic needs through**

1. Imparting quality technical education by nurturing a conducive learning environment through continuous improvement and customization.
2. Establishing research clusters in emerging areas in collaboration with globally reputed organizations.
3. Establishing innovative skills development, techno-entrepreneurial activities and consultancy for socio-economic needs.

# Ranked

#75

Among 1463 Reputed  
Engineering Institutes  
in India

#21

Among 115 Reputed  
Schools of Architecture  
in India



- As per National Institutional Ranking Framework, MoE, Govt. of India. 2024



UG and PG  
Programs



Accredited by NAAC  
with Grade

A<sup>+</sup>



DSIR  
recognized  
Scientific & Industrial  
Research Organization



STUDY IN INDIA  
Member of Study India



## Dr. M S Ramaiah

(1922 - 1997)

Founder Chairman,  
Gokula Education Foundation

We offer our respectful tributes to our venerable founder Chairman, Karma Yogi Dr. M S Ramaiah, a renowned philanthropist, educationist, humanist and a great visionary. He, with his foresight and vision for the betterment of the society founded the Gokula Education Foundation in 1962 and started M S Ramaiah Institute of Technology (MSRIT), now rechristened as RIT in the same year recognizing the need for quality technical education with the aim of taking India ahead in the technological field. The seed Dr. M S Ramaiah sowed then has grown into a giant tree in the technical education field turning out several thousands of engineers who have spread out far and wide making significant contributions in their chosen fields thereby enhancing the reputation of Ramaiah Institute of Technology. India today boasts of the largest technical manpower in the world and the contribution of RIT in that direction is significant. Dr. M S Ramaiah laid the foundation for this, decades ago and we pay our Pranams to the great soul for his vision and foresight.

RIT is celebrating 102<sup>nd</sup> birth anniversary of Dr. M S Ramaiah this year and at this juncture, we at RIT reiterate our commitment to creating world-class technical professionals who strongly reflect the universal human values of integrity, honesty, and character as they go on to contribute to the nation and the world at large.

# TRIBUTE TO A VISIONARY

*Celebrating 102 years of this Great Iconic Figure*

**Dr. Mathikere Sampangappa Ramaiah** was born on 20<sup>th</sup> April 1922. Dr. M S Ramaiah began his career at the Indian Testing Laboratories, where he rose in popularity amongst his peers and colleagues. He then moved on to the Mysore Railway narrow gauge section as a fireman. While working there, his father called him back to look after the family brick manufacturing business. He forayed into civil contracting works taking up his first work - Radhanagiri Hydroelectric Project. He left his mark in the civil field taking up projects like the Ghataprabha left bank canal, Sharavathi valley & Dharma dam, Irrigation Project of River Budhi Gandak on the Indo-Nepal border and so and so forth. He built a strong reputation in the civil construction arena.

Dr. M S Ramaiah had strong business acumen. He started Gokul Dairy Farm in 1950 and established a 700 acre farm near Devanahalli. His passion for journalism led him to take over Tayinadu, a local newspaper in Chamrajpet, Bengaluru in 1957. He launched a monthly magazine called Kailasa in 1963 and a weekly magazine called Gokula which came in for a lot of appreciation in the Kannada Literary World.

Dr. M S Ramaiah's greatest contribution lies in the education field for he believed that education is the most powerful tool to change the world. This belief and conviction led him to set up a number of educational institutions - Primary, Middle & High Schools, PU & Degree Colleges, Law Colleges Management Colleges, Medical and Dental Colleges. He established M S Ramaiah Institute of Technology (MSRIT) in 1962 which has revolutionized the engineering field in the country. RIT has become a leading technological Institution in the state and in the country and attracts students from every corner of the country. It is no wonder that RIT today has been recognized as one of the premier educational institutions across India and ranked first among the VTU affiliated Engineering Institutions offering courses that are shaping professionals of today and tomorrow with engineering brilliance.

Dr. M S Ramaiah also left indelible impressions in the agricultural and industrial sectors. He introduced many innovative agricultural practices; he was also the first person to implement drip irrigation method in private farms; he planted and nurtured many trees setting an Asian record for being a single individual to nurture so many trees. He was a great believer in industrialization and set up M S Ramaiah

industrial estate for running small scale industries in plastics, agro products, steel, metals and software companies.

He was a great patron of art and culture; he provided a platform to many artists to showcase their talents. He organised the Kannada Sahithya Sannamela at Kaiwara in the year 1990.

Dr. M S Ramaiah was a great devotee of Kaiwara Tatayya and as the Dharmadhikari of Kaiwara temple, he built a pristine temple for Tatayya. He developed Kaiwara into a prominent religious place by bringing in a lot of developmental works. He built community halls for providing lodging facilities for thousands of daily devotees who come to Kaiwara. He built the pristine Venkateshwara Temple and the magnificent entrance Arch of Raja Rajeshwari Temple, which is still one of the largest arches built. Dr. M S Ramaiah also developed numerous places of worship, built community marriage halls and public kitchens for the general masses.

This great visionary lives on through his legacy, which continues to illuminate the lives of millions of people through healthcare, education and philanthropy. The Education Fund that he set up to support deserving students irrespective of caste or religion, today provides financial assistance to hundreds of students every year to the extent of 90 lakhs a year. The Rural HealthCare Center that he set up continues to provide free medical and dental treatment to the needy people.

He epitomized the philosophy that "what we do for ourselves dies with us; what we do for others and the world remains forever and is immortal". What Dr. M S Ramaiah did for the people and the society remains forever in the hearts of thousands of people for generations to come.

Dr. M S Ramaiah was a true Karmayogi and we remain eternally grateful to him.

*What we have done for ourselves alone dies with us.  
What we have done for others and the world remains  
and is immortal. - Dr. M.S. Ramaiah*

## MAGAZINE COMMITTEE

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Principal

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**Dr. Rajshekhar Rao**

Professor and Head, Department of  
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## EDITORIAL



**Dr. K Indira**

Professor, Electronics and Communication Engineering



**Dr. Rajshekhar Rao**

Prof. & Head, Department of Architecture

### Editorial

We have stepped into our 63rd year of the establishment of Ramaiah Institute of Technology, a pioneer in the field of higher education. It is a great pleasure for us to be presenting this edition of **SUDARSHANA** magazine 2023-2024. **SUDARSHANA**, the college magazine has been portraying multifaceted talents of the students, staff and faculties over the years. It is no exception this year also. True to its name, the magazine is giving us a Dharshana of the multifarious artistic, literary, intellectual facets of our students, staff and faculties. In this regard, it is matter of great pride and it gives us immense pleasure to place on record that our beloved Vice Chairman Sri. M R Seetharam, has been conferred with degree of Doctor of Philosophy by Mysore University, one of the premier Universities of the country. We take this opportunity to congratulate Dr. M R Seetharam on behalf of the entire RIT family. We wish many more accolades to come in his way in achieving success in all his endeavours.

The portals of Ramaiah Institute reverberate with versatile, creative and innovative minds bubbling with enthusiasm. This is reflected in a number of students, staff and faculty showcasing their literary & artistic skills in this edition of 2023-2024. Many of them have contributed their unique and original works with stunning creativity. It is a tribute to Ramaiah Institute which fosters a strong culture for promoting human values of honesty and integrity.

We have presented some of the creative and artistic works of our staff, students and faculties in this edition of Sudarshana. We also have presented a glimpse of our institutional activities, including placements, sports, cultural events, the National Service Scheme, and the Entrepreneurship Development Cell along with a section on Pradarshana, our widely popular project exhibition featuring students' innovative projects to the public, parents and students. We also take pleasure in

presenting interviews with three of our illustrious alumni - Nandini K R, the all India IAS topper from civil Engineering department and presently Deputy Commissioner, Dr. R B Lokesh, Senior Director and Team Head, Samsung R&D, India and Harsh Singhal, Head of data Science and Machine Learning at Koo. We are sure that their thoughts and inputs will be an added inspiration to achieve all that you set in your life. We hope that all these efforts in capturing and presenting gems to you are worth it and that they will captivate your imagination and spur you in the right direction.

We are sure that the image gallery that is presented in this edition will remind our graduating students many of the glorious moments and happier time spent in the Ramaiah campus and will linger on in them for a long time to come in reminiscing the sweet memories.

We are grateful to the entire editorial team for their unstinted support and their efforts in bringing out this edition. We sincerely thank each and every contributor for sharing their wonderful writings and creations which is what has made this edition beautiful. We are thankful for their efforts and time.

We enjoyed putting together this magazine for you and we hope that you too will enjoy going through the articles and other vignettes. We want to convey our sincere gratitude to each and every one of you for making this issue possible.

We, on behalf of Hon'ble Management, Chief Executive, Principal and both teaching and non teaching staff of RIT, wish all the graduating students the very best in their career and live upto the values imbibed by Ramaiah Institute of Technology.

Yours sincerely,

Editors

# CONTENTS

Messages	06
Highlights of the Institute	13
Research Centres of Excellence	14
Placement & Training Cell	18
Activities of the Entrepreneurship Development Cell	20
Pradarshana Open Day - 2024	25
Department of Sports	26
National Service Scheme	38
Department of Extra Curricular Activities	43
IEEE Student Branch Ramaiah Institute of Technology	45
IETE Student Forum	47
Distinguished Alumnus Interaction	49
Articles & Poems	
• English	57
• Kannada	86
• Hindi	90
Sketches	91
Paintings	98
Photography	105
Group Photos	108
Other Events	145



## Message from Chairman

**Dr. M.R. JAYARAM**

Chairman, Gokula Education Foundation

Education gives the wings to fly high overcoming obstacles that one faces in one's life. RIT precisely gives those wings to the young people to fly high in the face of obstacles by building character and intelligence. RIT has been turning our well-rounded young people who are ready to face the outside world with supreme confidence and its contribution lies in the fact that many of its alumni has spread out across the globe. This has been the chief motto of RIT right from the beginning by offering top-notch training in all core areas of study and bringing out world class leaders who are confident, perceptive, talented, and engaged with life.

RIT believes that perseverance in conjunction with intelligence and understanding can lead to greatness and lays emphasis in developing future leaders with critical thinking and cognitive abilities along with character as well as intelligence.

The college magazine, Sudarshana, has always been a right step in this direction and encourages students to showcase their untapped abilities and inventiveness. I am sure that the magazine will bring out the students innate abilities and highlight their activities and literary enthusiasm in addition to their successes.

My deepest best wishes to each and every graduating student of the 2023-2024 batch.

A handwritten signature in black ink, appearing to read 'Dr. M.R. Jayaram', written in a cursive style.

**Dr. M.R. JAYARAM**



## Message from Vice Chairman and Director

### Dr. M.R. SEETHARAM

Vice-Chairman, GEF & Director, RIT  
Member of Legislative Council, Govt., of Karnataka

It brings immense pleasure to announce the release of **SUDARSHANA 2024**, the college magazine of RIT. Here at RIT, we have diligently worked on enhancing our infrastructure, technology, facilities, curriculum and extracurricular activities. Our primary focus remains on empowering holistic development of students through education, a mission we hold dear to our hearts. Today, engineering education transcends the mere accumulation of knowledge; it encompasses the acquisition of both knowledge and skill sets, fostering character development and enhancing the employability of our aspiring young talents who are the future leaders. Sudarshana stands as yet another testament to the college's commitment to showcasing the remarkable talents of both our faculty and students.

Best wishes to all the graduating students.

A handwritten signature in black ink, appearing to read 'M.R. Seetharam'.

Dr. M.R. SEETHARAM



## Message from Secretary

**Sri. M.R. RAMAIAH**

Secretary, GEF & Director, RIT

I am very happy to note that the college magazine **SUDARSHANA 2024**, which showcases the multifaceted talents of instructors and students, has just been released. This excites me tremendously.

This is the moment to underline that the academic quality, global relevance, and cutting-edge curriculum remain the cornerstones of the Ramaiah Institute of Technology. I'm wishing the graduating class of 2023-2024 all the success in their future endeavours.

Dear Students, acknowledge the fact that success is relative and acquiring fresh accolades to rest on instead of resting on your old ones is the secret to success. I am sure that all of you will strive hard to achieve success with integrity and honesty in your chosen fields and keep Ramaiah Institute of Technology flag flying high always.

A handwritten signature in black ink, appearing to read 'M. Ramaiah'.

**Sri. M.R. RAMAIAH**



## Message from Chief Executive

**Dr. H V PARSWANATH**

Chief Executive, GEF (Engg. & General Sciences)

Education is the gateway in navigating life's challenges. A blending of diligence, knowledge, and intellect, equips individuals to reach great heights. At RIT, education isn't just about earning engineering degrees; it's about nurturing bright minds capable of thriving in the world with a well-rounded personality. Our institutional vision is to provide top notch education across all core disciplines, fostering the growth of global leaders.

I wish the students and staff of RIT the very best and I am extremely happy that **SUDARSHANA** has served as the platform for the staff and students to exhibit their talents.

Good luck and wishes to all our graduating students.

A handwritten signature in blue ink, appearing to be 'H V P', written in a cursive style.

**Dr. H V PARSWANATH**



## Message from Chief Academic Advisor

**Dr. KARISIDDAPPA**

Chief Academic Advisor, GEF (Engg. & General Sciences)

I am extremely happy to note that RIT is bringing out the college magazine - **SUDARSHANA 2024**. RIT has been nourishing and nurturing the budding talents of the students' community in variegated fields such as science, engineering and technology, arts, culture, music, literature and so on. The college magazine "**SUDARSHANA**" is living proof of that. It showcases the multifarious talents of the students' community.

RIT stands upto its' reputation in empowering students for holistic development through education and fostering character development enabling them to emerge as the future leaders. I wish all the graduating students the very best for their future endeavors. I congratulate the Editorial Team in bringing out a very educative, engaging, and entertaining college magazine containing articles from both our faculty and students.

With best wishes.

A handwritten signature in blue ink, consisting of a stylized 'K' followed by a long horizontal line and a small flourish at the end.

**Dr. KARISIDDAPPA**



## Principal's Message

**Dr. N.V.R. NAIDU**  
Principal, RIT

Education plays a predominant role in one's life. It is a powerful tool that dismantles barriers and lays the foundation for personal and societal progress. It builds the character that shapes our personality. It is through education that we gain exposure to new ideas and concepts, which enhances our understanding of the world around us. The primary objective of Ramaiah Institute of Technology has always been to equip students with comprehensive knowledge, wisdom, experience, and training both in academics and within the competitive global industrial landscape. The state-of-the-art infrastructure, advanced equipments and a team of competent, talented, and dedicated faculty members of Ramaiah Institute of Technology ensures an enriching and seamless learning experience for all its students enabling them to come out and face the world with total confidence. The SUDARSHANA 2024, the college magazine serves as a vibrant platform for showcasing the literary and artistic talents of both our students and faculty members.

I congratulate all the outgoing students and wish them all the best in reaching greater heights in life.

A handwritten signature in black ink, appearing to read 'NVR NAIDU', followed by a horizontal line.

**Dr. N.V.R. NAIDU**



## Vice Principal's Message

**Dr. PRADIPKUMAR DIXIT**

Vice Principal, RIT

Congratulations for the entire 2023-2024 graduating students! Education is the key which unlocks all your potential. It takes courage to grow up and become who you really are. There is space for everyone and remember when it seems like others are outperforming you on the path to success, keep in mind that everyone blooms at their own pace. Stay focused! Always continue to set the bar high and attempt to exceed expectations. I am sure that RIT has equipped you to take on the world confidently in exceeding all expectations.

Congratulations once again and Godspeed on your new beginnings!

A handwritten signature in blue ink, appearing to read 'Pradip'.

**Dr. PRADIPKUMAR DIXIT**



## HIGHLIGHTS OF THE INSTITUTE

Dr. M. S. Ramaiah a philanthropist, founded 'Gokula Education Foundation' in 1962 with an objective of serving the society. M S Ramaiah Institute of Technology (MSRIT) was established under the aegis of this foundation in the same year, creating a landmark in technical education in India. MSRIT offers 18 UG programs and 13 PG programs. All these programs are approved by AICTE. All eligible UG and PG programs are accredited by National Board of Accreditation (NBA).

The institute is accredited with 'A+' grade by NAAC in March 2021 for 5 years. University Grants Commission (UGC) & Visvesvaraya Technological University (VTU) have conferred Autonomous Status to MSRIT for both UG and PG Programs since 2007. The institute has also been conferred autonomous status for Ph.D program by VTU since 2021.

The institute is a participant to the Technical Education Quality Improvement Program (TEQIP), an initiative of the Government of India. The institute has 393 competent faculty out of which 70% are doctorates. Some of the distinguished features of MSRIT are: State of the art laboratories, individual computing facility for all faculty members, all research departments active with sponsored funded projects and around 100 fulltime and 200 part-time scholars are pursuing Ph.D. To promote research culture, the institute has established Centre of Excellence for Imaging Technologies, Centre for Advanced Materials Technology, Centre for Antennas and Radio Frequency systems (CARFS), Center for Cyber Physical Systems, Schneider Centre of Excellence & Centre for Bio and Energy Materials Innovation.

The Entrepreneurship Development Cell (EDC) and Section 8 company "Ramaiah Evolute" have been set up on campus to incubate startups. M S Ramaiah Institute of Technology is recognized by National Institutional Ranking Framework, India Ranking 2023 in the band of 11-5 under Innovation category. MSRIT has a strong Placement and Training department with a committed team, a good Mentoring/Proctorial system, a fully equipped Sports department, large air-conditioned library with good collection of book volumes and subscription to International and National Journals. The Digital Library subscribes to online e-journals from Elsevier, Science Direct, IEEE, Taylor & Francis, Springer Link, etc. The Institute is a member of DELNET, CMTI and VTU E-Library Consortium. The Institute has a modern auditorium, recording studio, and several hi-tech conference halls with video conferencing facilities. The institute has excellent hostel facilities for boys and girls. MSRIT Alumni have distinguished themselves by occupying high positions in India and abroad and are in touch with the institute through an active Alumni Association.

**As per the National Institutional Ranking Framework (NIRF), MoE, Government of India, Ramaiah Institute of Technology has achieved 75th rank among 1463 top Engineering Institutions & 21st Rank among 115 Schools of Architecture in India for the year 2024.**



## RESEARCH CENTRES OF EXCELLENCE

### CENTRE FOR IMAGING TECHNOLOGIES

The Centre of Excellence in Imaging Technologies (CIT) was established in 2018, with funding from MSRIT and technical collaboration with Boeing, IGCAR and Lucid Solutions. The major objective of the centre is to initiate multidisciplinary research in the field of imaging technologies and to set up a state of the art imaging facilities for research and innovation in the field of industrial automation, healthcare and material characterization.

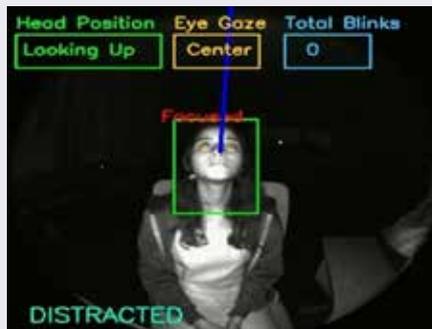
The centre concentrates its research efforts on three main areas. In automotive studies, the focus lies on refining in-cabin sensing technologies for various automotive applications. Healthcare research encompasses a wide spectrum, ranging from virtual reality-based gait analysis for rehabilitation to medical thermal imaging for breast cancer screening and in-situ wound management. Additionally, the lab dedicates attention to non-destructive testing, particularly in the development of active thermography setups tailored for the non-destructive evaluation (NDE) of materials. These thrust areas underscore the lab's commitment to advancing technology in automotive safety, healthcare, and materials testing.

CIT Lab has collaborated with IIT-Madras(Chennai), Indira Gandhi Centre for Atomic Research (Kalpakkam), Ramaiah Medical College (Bengaluru), Manipal Hospitals, Association of People with Disability (Bengaluru), Stellantis (Global), Stanford University(USA). Major outcomes include 6 externally funded projects, 5 patents including 1 US grant, 22 publications and 7 UG project thesis.

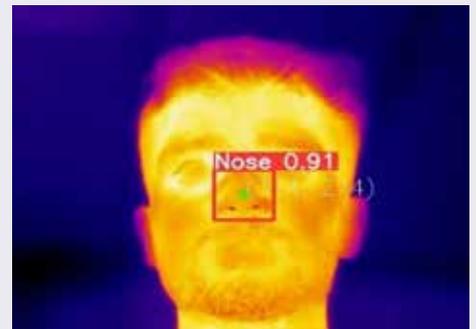
#### Current innovations in Automotive Sensing using Imaging Sensors



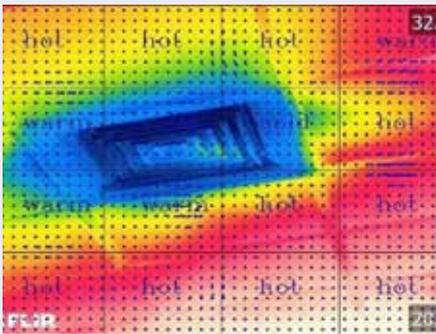
Driver monitoring using RGB camera (driver drowsiness, fatigue and distraction are monitored in field studies)



Driver monitoring using IR imagery (driver drowsiness, fatigue and distraction are monitored in field studies)



Breathing rate estimated using thermal camera (this gives an estimation for bio-vitals)



Cabin Air Flow estimation using thermal camera (to improve vehicle cabin comfort)



Seat Belt detection using IR (towards improved automotive safety)



Detecting Hands on Steering Wheel (towards improved automotive safety)

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## CENTRE FOR ADVANCED MATERIALS TECHNOLOGY

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This Centre of Excellence is dedicated to pioneering research in advanced materials, innovative processes, and cutting-edge nanomaterials. Equipped with state-of-the-art technology and facilities, the centre aims to push the boundaries of scientific discovery and technological advancement in these fields. Its establishment and ongoing operations have been made possible through generous funding from the Ramaiah Institute of Technology (RIT), demonstrating their commitment to fostering innovation and supporting groundbreaking research initiatives.

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## CENTRE FOR ANTENNAS AND RADIO FREQUENCY SYSTEMS (CARFS)

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CARFS engage in Research, Design, Innovation, Training and Consultation in the forefront of Antenna and Radio Frequency technologies for Wireless Systems (700MHz to 40GHz). The major objectives of this Research Centre is to conduct Research leading to innovations in the areas of Antennas and RF systems, to offer Consultancy Services and to seek external Funding from the Government agencies and industry. Facilities at CARFS includes Anechoic chamber with frequency ranging from 700MHz to 40GHz. Shielding Effectiveness of -80 dBm, Tx-Rx Range of 4.5 m and dimension of 5.5x3x3 m<sup>3</sup>, Vector Network Analyzer (100 kHz to 40GHz), 8-High End Computer systems, Ansys HFSS a 3D electromagnetic (EM) simulation software for designing and simulating high-frequency electronic products, Software defined Radio (SDR), sewing Machine for fabricating Textile Antennas. Collaboration with Industrial partners like Dovers Pvt Ltd, Elena Geo systems is being established to design and develop

novel Antennas and RF systems for applications in wireless systems. Centre had International University Interaction Programme during March 2023, where the developments in the area of Wireless Technology was discussed among Professors and students from Bradley University and RIT.

The major outcomes during 2023-2024 includes 16 publications in peer reviewed journals, 3 Indian Patents(filed), 5 PG project thesis, 6 UG project thesis, 4 funded projects(applied) and 2 funded projects (granted), Consultancy projects worth of 2 Lakhs from both industries and reputed Universities was carried out successfully. Under graduate internship training on Antenna design using Ansys HFSS is offered for higher semester students, to enhance their knowledge in current technologies.



## CENTRE FOR CYBER-PHYSICAL SYSTEMS (CCPS)

The Centre for Cyber-Physical Systems (CCPS) at RIT has been established with the support from the Management of RIT during the year 2021. The Centre undertakes research in the domain of edge video analytics and healthcare assistive technologies. In addition, the Internet of Things Lab at CCPS provides technical support to students undertaking projects in the domain of IoT. Two sponsored projects have been completed by faculty members associated with the Centre and currently two projects sponsored by AICTE and VGST are ongoing.



## Biotechnology Skill Enhancement Programme Laboratory (BiSEP)



The Department of Biotechnology, Govt of Karnataka, as a part of skill enhancement program has sponsored Department of Biotechnology MSRIT to set up a state of art research facility to perform curricular and research studies related to the field of biopharmaceuticals and biomedical industry. The facility also has been used to train the recruited to the BiSEP program prior to industrial internship or project work.

## SCHNEIDER CENTRE FOR BUILDING AUTOMATION

In collaboration with Schneider Electric, a 'Schneider Centre of Excellence on Building Automation' have been established at the RIT campus in the year 2019. The modules available in this facility help students familiarize themselves with the applications of PLCs towards effective building utility control. The lab also consists of multiple HVAC modules which greatly aid the understanding of air conditioning systems in buildings.



## CENTRE FOR BIO & ENERGY MATERIALS INNOVATION (CBEMI)

The CBEMI has been established through grant -in- aid Project funding from DST, VGST, VTU etc., and financial support from the Institution. Facilities are available to carry out project work in the domain of synthesis and application of nanomaterials and nanocomposites for biomedical, environmental and energy applications.





## PLACEMENT & TRAINING CELL

### The Main Highlights - 2024 batch

(Placements are Ongoing)

**Number of Companies: 286**

**Total Offers: 1301**

#### 1) Highest Package:

UiPath: CTC: 48.70 LPA

#### 2) Highest Stipend:

Nvidia: Stipend: 75,000/- per month

#### 3) International Placement (Japan):

a. **JMC Co. Ltd:** CTC: JPY 5,301,000

b. **Think Laboratory:** CTC: JPY 4,361,000

c. **Anest Iwata:** CTC: JPY 4,962,880

d. **Showa Co. Ltd:** CTC: JPY 3,579,556

e. **Sanko Kogyo Co. Ltd:** CTC: JPY 4,615,000

The Placement season turned out to be a resounding success with participation from top-notch companies from various sectors.

Within no time the high-end companies picked our seventh semester students.

Recruiters were extremely satisfied and happy with the quality of students and the way the placement process was conducted.

Besides, Placement department has maintained a sound industry-institute interface, which convinced corporate to look to our campus for recruitment.

Placements for the batch of 2023 was a super success and confirmed the growing faith and interest the industry has on RIT and its students.

Biggies from the various sectors such as Adobe, Google, Amazon, SAP, Oracle, Goldman Sachs, Directi, Flipkart and so on made their presence felt by selecting the candidates in significant numbers.

#### Trainings:

We impart training (soft skills training and hard skills training) to students, from experts from industry from their training division throughout the year, so that they become competent and motivated engineers and scientists.

#### Our Major Recruiters:

Mu Sigma, L&T Infotech, Akamai, Bristlecone, Skanray Health Care, SAP Labs, Mahindra, J.P.Morghana, Unisys, Capgemini, L&T Construction, Hindustan Unilever Ltd, ABB, Bosch, Volvo, Commvault, Sapien Nitro, Aricent, Aptean, Expicient, Google, HP, Oracle, Tesco, Ernst & young, Societe Generale, Juniper Networks, Caterpillar, Aryaka, Genpact, Infotech Enterprises, Atkins, Avtec, Tractors India, Moonraft Innovation Labs, Langdon Seah, Century link, Inmobi, National Instruments, Bally Technologies, L&T - Integrated Engineering Services, Morgan Stanley, Icreate, Yodlee, Kone Elevator India Pvt Ltd, TD Power Systems Ltd, Obopay, AIG Analytics, AVAYA, Textron, Book My Show, Aatria Power, Target, V tiger, Grail Research, Tech Aspect solutions, Sika Interplant Systems Limited, Lam Research, Parker Hannifin India Pvt. Ltd, FICO, Sobha Developers, MCF, L&T Technology Services, JSW Steel, Lakshmikumaran & Sridharan, Abeyti technologies, Brigade Group, Symphony Teleca, Tata Teleservices, Health Asyst, Adobe, Samsung, TE Connectivity, Toyota-Kirloskar, Ansys, Systemantics, Artha and so on.

### International placements from:

1. Khimji Ramdas from Muscat, Oman
2. EAMCO, Bahrain
3. EMRILL, Dubai
4. Sobha, Dubai
5. Think Laboratory, Japan
6. JMC Co. Ltd, Japan
7. Anest Iwata, Japan
8. Showa Co. Ltd, Japan
9. Sanko Kogyo Co. Ltd, Japan

61 startup companies on campus for recruitment drive & nearly 92 companies are first time visitors.

### Engagement Activities:

Technical quiz, hackathon, guest lectures, IWD (International Women's Day), Girls in Technology, Code for Good, Epic Code'15 and so on are the other activities conducted.

### Diversity recruitment drives:

Recruitment drives were conducted specially for women candidates by the below mentioned companies:

- 1) Adobe
- 2) HSBC
- 3) Intuit
- 4) SAP Labs

### UiPath Selected students

UiPath: CTC: 48.70 LPA



**Vigya Awasthi**  
USN: 1MS20CS138



**Purva Rajodiya**  
USN: 1MS20CS087

### International Placement Selects (Japan)

1. **Think Laboratory:** CTC: JPY 4,361,000
2. **JMC Co. Ltd:** CTC: JPY 5,301,000
3. **Anest Iwata:** CTC: JPY 4,962,880
4. **Showa Co. Ltd:** CTC: JPY 3,579,556
5. **Sanko Kogyo Co. Ltd:** CTC: JPY 4,615,000



**Company: Think Laboratory**

**Ansh Pasari**  
USN: 1MS19EC018



**Company: JMC Co. Ltd**

**Om Prakash Bharadwaj**  
1MS20EE033



**Company: Anest Iwata**

**Muzammil Bagewadi**  
USN: 1MS20ME089



**Company: Showa Co. Ltd**

**Raghu Darvemula**  
USN: 1MS20ET018



**Company: Sanko Kogyo Co. Ltd**

**Bharath Reddy K**  
USN: 1MS20ET013



## ACTIVITIES OF ENTREPRENEURSHIP DEVELOPMENT CELL

- **World Intellectual Property Rights Day [26-04-2023]**

Speaker: **Mr. Afsar Sickander Patcha**

The event was conducted to promote awareness and importance of Intellectual Property Rights. The participants had a discussion about the importance of IPR, what are they and how to utilize them.

- **Webinar on Innovation and Technology [11-05-2023]**

Speaker: **Mr. Shashank Shirude**

This session was conducted with the objective to develop the skill of innovation developing skills to integrate it with technology. The discussions were about the importance of innovation in today's industry and how to integrate it with technology.

- **Business Model Canvas [19-05-2023]**

Speaker: **Mr. Abhinav Kumar Singh**

The session was aimed to make students aware about the business models and their utilities.

An hour and half session took place with the speaker to inspire to be ideas to put into a real viable business plan.

- **Workshop for Process/Product development [20-05-2023]**

Speakers: **Mr. Anoop & Mr. Nivarti Jayaram**

In this workshop the speakers told about their experiences from the industry and they also discussed about the pool of opportunities that are available out there.

- **Workshop on Intellectual Property Rights [25-05-2023]**

Speaker: **Mr. Aravind MT, Ramaiah Evolute**

A session was taken up by to make students understand the importance of academics in the entrepreneurial journey and to create Awareness about Intellectual Property Rights with discussions about the importance of IPR, what are they and how to utilise them.

- **Startup 101 [26-05-2023]**

Speaker: **Mrs. Shilpa Rajawat**

A session was organised to help students learn fundamentals of startup and the ethics.

Enabling to discover the scope into the Entrepreneurial journey. She enlightened us with her knowledge about Startups and various ethics involved in it.

- **Capacity Building Workshop [26-05-2023]**

Speaker: **Mr. Anand KV**

A session was taken with the intent to promote entrepreneurship in campus and the speaker emphasised on why is it importance to be good at academics so that it supports one in his entrepreneurial journey.



- **Session on Business Model Canvas [27-05-2023]**

Speaker: **Mr. Sridhar**

The session taken by the speaker to make students understand about business model canvas and its importance in the industry. An hour and half session took place with the speaker to inspire ideas to put into a real viable business plan.

- **Demo-day / Exhibition / Poster Presentation [17-08-2023]**

The exhibition of Start-ups developed & linkage with innovation ambassadors for mentorship support.

An exhibition of budding start-ups was held. The exhibits were displayed and demonstrated to provide the students an opportunity to present their start-up ideas and interact with industry experts. All the new startups were put on display to tell others about their ideas and start-up models and to seek mentorship from industry experts.



- **Workshop on “Entrepreneurship and Innovation” as Career Opportunity [28-09-2023]**

Speaker: **Dr. Prabha Ravi.**

The event was meticulously designed to provide a comprehensive understanding of entrepreneurship and innovation and their relevance as career paths in the modern world.

The topics such as ideation, business planning, and market analysis were discussed and students interacted with the speaker to understand better. Students had an opportunity to interact with successful entrepreneurs and industry experts. They were informative and inspiring.



- **My Story session [30-09-2023]**

Speaker: **Mr.Sridhar T R**

A Session on "My Story" Motivational Session by Successful Entrepreneur/ Start-Up Founder was held to give students a basic idea about the Start-up journey by the speaker to tell the students about the various ups and downs faced by an entrepreneur during his entrepreneurial journey.

- **Exposure and field visit for problem identification. [03-11-2023]**

The visit was to provide the students an opportunity to gain exposure of the industry.

- **TechXplore [10-11-2023]**

An Ideathon for the students to get a chance to present their ideas to industry experts

Students were encouraged to pitch in their ideas about the various identified domains and main focus area of topics were on computational Intelligence, Automobiles and construction.

- **DARK PATTERNS BUSTER HACKATHON [12-01-2024]**

This event continues its mission to empower students to combat deceptive design practices prevalent in the digital realm while fostering a culture of ethical innovation and problem-solving.

Specifically targeting the challenges encountered in customer's online experiences. The hackathon aims to develop solutions that uphold consumer rights and enhance the integrity of online interactions.

The event garnered widespread participation from stakeholders, including legal institutes, higher educational institutions, experts from national and international academia, students, and representatives from various companies and e-commerce platforms.

Structured into four stages or rounds, the hackathon encompasses a comprehensive approach to tackling dark patterns:

**Round 1:** Registration of Participant Teams and Host Institutes (Completed)

**Round 2:** Intra-Institute DPBH 2023, conducted internally within participating institutes

**Round 3:** Inter-Institute DPBH 2023, to be hosted at MS Ramaiah Institute of Technology, facilitating collaboration and competition among different institutions

**Round 4:** Distribution of Awards and Prizes on World Consumer Rights Day, recognizing outstanding contributions to combating dark patterns.

Total 49 teams from all over the country participated.



- **Faculty Development Programme on "Next-Gen Defence : Unleashing Design Thinking for Cyber Security and Digital Forensics" [19-02-2024 to 23-02-2024].**

Speakers: **Ms. Thejaswini**, Security and Compliance Lead - IBM India.

**Mr. Utkarsh Sawant**, Cyber Security Manager at Mogan Stanely.

**Dr. Manish Kumar**, Assistant Professor, MCA Department, MSRIT, Bangalore.

**Dr. Muraleedharan N**, Director, CDAC, Bangalore.

**Mr. Nishant Krishna**, Co-founder and CTO, Tech Machinery Labs.

IBM Red Team - **Mr. Harsh, Mr. Saravana, Mr. Farris Mohammed and Mr. Sujay Gaonkar**.

The sessions aimed to explore advanced cyber security concepts, with a focus on the ICMP Protocol, CIA triad, enhancing the security in the education field, organizations and IBM skill build techniques which are crucial concepts for a better understanding of cyber security. The speaker's also explained about how by aligning your security strategy to your business, integrating solutions designed to protect your digital users, assets, sensitive data, endpoints and IoT, and deploying technology to manage your defences against growing security threats, we help you manage and govern risk and vulnerabilities to support today's hybrid cloud environments.



- **IEEE WIE Social Hackathon League 2022 -Contest 2 [19<sup>th</sup>-30<sup>th</sup> September 2022]**
- **An Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies and Tech-Transfer. [23-02-2024]**

Speakers: **Dr. M N Thippeswamy** , **Dr. Prabha Ravi and Mr. Sudeep**, an alumnus of Ramaiah and currently associated with Alvolved Technologies Private Limited, serves as a Product Analyst.

During the session, the resource persons delivered an inspirational talk on the fundamentals of the Innovation Development process. The external speakers particularly emphasized key aspects such as Technology Readiness Level (TRL), Types of Innovation, Patents, and the process involved in transferring laboratory technology to the market.

This event proved to be highly informative for both faculty and students, offering valuable insights into the intricacies of Innovation Development and essential considerations regarding Technology Readiness Level (TRL): Commercialization of Lab Technologies and Tech-Transfer.

Following the presentations, participants had the opportunity to engage in a question and answer session where faculty and students raised queries related to the commercialization of lab technologies.



- **National Science Day Celebration [06-03-2024]**

Speaker: **Dr. Balaram Sahoo**, Professor, Materials Research Centre, IISc, Bangalore.

In this session, the speaker discussed in detail about science of Raman spectroscopy and Raman spectroscopy in sciences. He elucidated the Raman spectra of carbon based materials like Graphite, Graphene oxide and graphitic carbon coated on metal particles. Overall, the session proved to be very informative for undergraduate students, offering them a strategic lens through which one can understand the beauty of the materials.



- **Session on “How to plan for Start-up and legal & Ethical Steps” [05-04-2024]**

Speakers: **Ms. Muskan Chaudhary**, Software Engineer at Amazon. and **Mr. Shubham**, Director, Mindlink Platform Pvt Ltd.

This session aims to provide attendees with invaluable insights into the journey of entrepreneurship within the technology sector, with a keen focus on understanding the legal and ethical dimensions crucial for success. The event serves as a platform for students, faculty, and aspiring entrepreneurs to explore the intricacies of launching a startup. The session provided a comprehensive understanding of the

complexities involved in launching a startup, and particularly appreciated the practical advice shared by the speakers.



- **Field/Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops - Incubation Center and Educesta Institute of Management and Research [22-04-2024]**

The visit to Educesta Institute of Management and Research (EIMR) on 22<sup>nd</sup> April 2024, marked an enriching opportunity for students. This extensive visit was aimed at providing students with first-hand exposure to a prominent business incubation center. EIMR stands as a hub for fostering innovation, entrepreneurship, and research in various fields. With a focus on nurturing start-ups and promoting business growth, the institute offers a conducive environment for budding entrepreneurs to develop their ideas, access resources, and receive mentorship. The visit aimed to familiarize students with the workings of an incubation center, showcasing the processes involved in supporting and nurturing start-ups from conception to fruition. Through interactions with faculty, entrepreneurs, and incubates, students gained insights into the challenges and opportunities in the start-up ecosystem.





# PRADARSHANA 2024

## Platform for Innovation

Pradarshana is a two-day open project exhibition organized by Ramaiah Institute of Technology to exhibit application based projects undertaken by final year students of all Engineering disciplines. Pradarshana is an annual flagship event conducted by Ramaiah Institute of Technology from the year 2014. This event showcases the innovative research ideas of students and addresses the real time engineering design problems.

Pradarshana provides a platform for students to apply the engineering skills that they have acquired from the various courses taught during their Engineering degree including design skills, project work, and interdisciplinary team work and fabrication techniques. These innovative project ideas are used to provide sustainable solutions to the real time problems of the society at large.

True to its tradition, Pradarshana 2024 is being organized on 16<sup>th</sup> and 17<sup>th</sup> May 2024 at Ramaiah Institute of Technology. About 388 projects from 13 engineering disciplines are being exhibited at 155 stalls. Pradarshana 2024 was inaugurated by Dr. Lokesh R Boregowda, Distinguished Alumni, Senior Director and Team Head, XR Team, Samsung R&D Institute, Bangalore, Dr. M R Jayaram, Hon'ble Chairman, Gokula Education Foundation, Dr. M R Seetharam, Hon'ble Vice Chairman, Gokula Education Foundation and Director, Ramaiah Institute of Technology. Dr. Boregowda and other dignitaries appreciated the versatile research problems that the students have addressed and the innovative sustainable eco- friendly solutions that they discovered. The two day event is open to public and encourages stakeholders to visit Ramaiah Institute of Technology and explore the amazing new technical solutions created by engineering students.





## DEPARTMENT OF SPORTS

### SPORTS ACHIEVEMENTS 2023-2024

#### NATIONAL LEVEL TOURNAMNETS



#### SWIMMING

JATIN B of III Semester Mechanical Engineering, Secured Bronze Medal in 100 Back Stroke in Swimming Competition at KHELO INDIA UNIVERSITY GAMES 2023 held from 19<sup>th</sup> to 22<sup>nd</sup> February 2024 in Gauhati, Assam.



#### BASKETBALL [MEN]

Runner up - All India Inter College Basketball Tournament held at IIT, BOMBAY from 9<sup>th</sup> to 11<sup>th</sup> May 2024.



#### BASKETBALL

Winners - College Basketball team secured Winners Trophy in State Level Inter Engineering Colleges Basketball Tournament "New Horizon Cup - 23", Organized by NHCE, Bangalore on 27<sup>th</sup> to 29<sup>th</sup> December 2023 and Won the Cash Award of Rs. 25,000/-

Runner up - in Mount Carmel College "KHEL-24" an Inter College Basketball Tournament held from 26<sup>th</sup> to 28<sup>th</sup> February 2024.

#### VTU TOURNAMENTS



#### CRICKET

Winners - College Cricket team secured Winners Trophy in VTU State Level Cricket Tournament held at PESCE, Mandya from 12<sup>th</sup> to 15<sup>th</sup> February 2024



**CRICKET**

Winners - College Cricket team secured Winners Trophy in VTU Bangalore Central Division Cricket Tournament held at SEA College of Engineering, Bangalore from 7<sup>th</sup> to 13<sup>th</sup> December 2023



**BASKETBALL [Women]**

2<sup>nd</sup> Runner up - Basketball [Women] team secured 2<sup>nd</sup> Runners Up Trophy in VTU State Level Basketball Tournament held at RVITM, B'lore on 1<sup>st</sup> & 2<sup>nd</sup> March 2024.

**HOCKEY**

Runner up - College Hockey team secured Runners Trophy in VTU Bangalore Central Division Hockey Tournament held at NHCE, Bangalore on 10<sup>th</sup> February 2024



**BASKETBALL [Women]**

2<sup>nd</sup> Runner up - College Basketball [Women] team secured 2<sup>nd</sup> Runner Up Trophy in VTU Bangalore Division Basketball Tournament held at EWIT, B'lore on 24<sup>th</sup> & 25<sup>th</sup> February 2024.





## BASKETBALL [MEN]

Winners - VTU Bangalore Central Division Basketball Tournament 2023-24 held at Ramaiah Institute of Technology, Bangalore on 27<sup>th</sup> & 28<sup>th</sup> December 2023

Runner up - VTU State Level Basketball Tournament 2023-24 held at Ramaiah Institute of Technology, Bangalore on 30<sup>th</sup> Dec. 23 & 1<sup>st</sup> January 2024.



## TABLE TENNIS [MEN]

Winners - VTU Bangalore Central Division Table Tennis Tournament 2023-24 held at CAMBRIDGE I.T. Bangalore held on 11<sup>th</sup> & 12<sup>th</sup> July 2023



## BADMINTON [MEN]

Winners - VTU State Level Badminton Tournament 2023-24 held at BMSCE, Bangalore on 22<sup>nd</sup> & 23<sup>rd</sup> July 2023



## BADMINTON [MEN]

Winners - VTU Bangalore Central Division Badminton Tournament 2023-24 held at BMSCE, Bangalore on 21<sup>st</sup> July 2023



## SWIMMING [M & W]

Winners of Overall Championship Trophy, Men Championship Trophy & Women 1<sup>st</sup> Runner Up Trophy in VTU State Level Swimming Competition 2023-24. Organized by: MSRIT, held on 9<sup>th</sup> August 2023

Men Team Secured - GOLD - 11, SILVER - 3 & BRONZE - 3 Medals

Women Team Secured - GOLD - 6 & SILVER - 6 Medals



## SWIMMING

JATIN B of II Semester MEE Secured 10 - GOLD, 3 - SILVER & 3 - BRONZE Medals in the VTU Swimming Competition held on 9<sup>th</sup> August 2023. Organized by: MSRIT. He also Secured Individual Championship Trophy in the Competition



## SWIMMING

Kshitija K of II Semester AI&DS Secured 6 - GOLD & 6 - SILVER Medals in the VTU Swimming Competition held on 9<sup>th</sup> August 2023. Organized by: MSRIT

## AWARD OF APPRECIATION FOR THE SWIMMING TEAM



Appreciation by Sri. M R Seetharam Sir, Hon'ble Vice-Chairman, GEF & Director, RIT, Sri. B S Ramaprasad, Chief Executive, GEF, Sri. G Ramachandra, Chief of Finance, GEF and Dr. NVR Naidu, Principal, RIT



Appreciation by Sri. M R Ramaiah, Hon'ble Secretary, GEF & Director, RIT

Principal for Chess Women Team for Securing Winners Trophy in VTU State Level Chess Competition held at SJMIT, Chitradurga on 12<sup>th</sup> & 13<sup>th</sup> August 2023.



### **CHESS [M & W]**

Winners - Women Chess Team Secured Winners Trophy and 2<sup>nd</sup> RUNNER UP - Men Team Secured 2<sup>nd</sup> Runner Up position in VTU Bangalore Division Chess Competition 2023-24 held at BGSCET, Bangalore on 7<sup>th</sup> & 8<sup>th</sup> August 2023



Appreciation by Dr. NVR Naidu, Principal, RIT and Dr. N L Ramesh, Vice-Chairman, Sports Committee



### **CHESS [WOMEN]**

Winners - Chess Women Team Secured Winners Trophy in VTU State Level Chess Competition 2023-24 held at SJMIT, Chitradurga on 12<sup>th</sup> & 13<sup>th</sup> August 2023



### **CHESS [WOMEN]**

Appreciation by Dr. NVR Naidu, Principal, RIT & Dr. Pradip Kumar Dixit, Vice-Chairman, Sports Committee



## FOOTBALL [MEN]

Winners - Football Team Secured Winners Trophy in the VTU Bangalore Central Division Tournament held on 23<sup>rd</sup> & 24<sup>th</sup> August 2023 at Dr. AIT, Bangalore



## FOOTBALL [MEN]

2<sup>nd</sup> Runner up - Football Team Secured 2<sup>nd</sup> Runner up Trophy in the VTU State Level Football Tournament held on 26<sup>th</sup> & 27<sup>th</sup> August 2023 at PA College of Engineering, Mangalore.



## KARATE

Mr. Gokulnath S of III Sem CSE Secured Bronze Medal in VTU State Level Karate {Kata} Competition U-55 KG Category held at RVITM, Bangalore held on 2<sup>nd</sup> December 2023.



## TAEKWONDO

Mr. Dheemanth S M of II Sem CSE-CY, Secured Bronze Medal in VTU State Level Taekwondo Competition U-87 KG Category held at SIT, Tumkur on 21<sup>st</sup> August 2023.



## JUDO

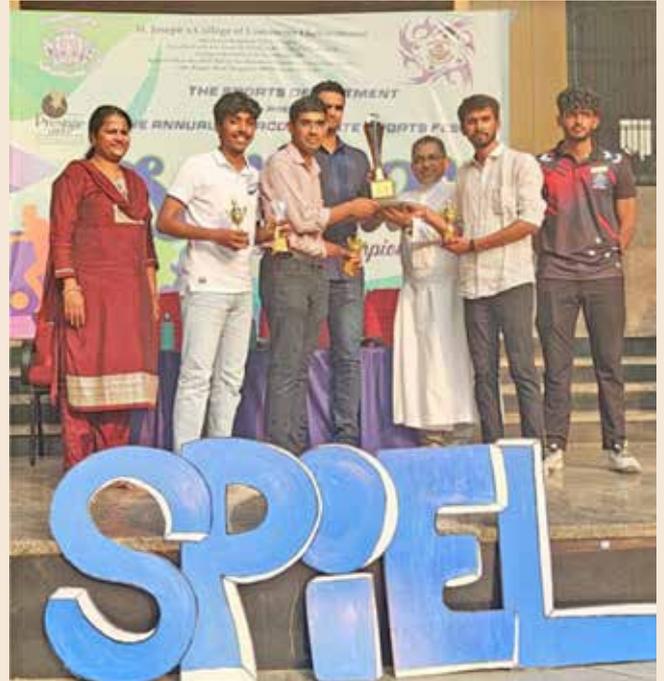
Bronze Medal – Nikhil H A of 1<sup>st</sup> Semester MEE secured Bronze Medal in VTU State Level Judo Competition held on 20<sup>th</sup> & 21<sup>st</sup> November 2023 at KLSVDIT, Haliyal.



## WRESTLING

Bronze Medal – Harshith S of 1<sup>st</sup> Semester Bio Tech secured Bronze Medal in VTU State Level Wrestling Competition held on 20<sup>th</sup> & 21<sup>st</sup> November 2023 at KLSVDIT, Haliyal.

## INVITATIONAL TOURNAMENTS



## TABLE TENNIS

Runner up – Table Tennis Team Secured Runners Trophy in “SPIEL-24”, Inter College Tournament, Org, by: St. Joseph's College of Commerce, Bangalore from 9<sup>th</sup> to 14<sup>th</sup> March 2024.



Runner up - in Inter College Open Cricket Tournament, Organized, by UTHKRUSHTA Cricket Academy held from 18<sup>th</sup> Jan to 1<sup>st</sup> February, 2024.



## VOLLEYBALL

Winners - in Inter College Open Volleyball Tournament. Organized, by RUAS held on 18<sup>th</sup> & 19<sup>th</sup> February 2024.



## BASKETBALL

Runner up - in Mount Carmel College "KHEL-24" Inter College Open Basketball Tournament, held from 26<sup>th</sup> to 28<sup>th</sup> February 2024.



## FOOTBALL

Winners - in State Level Inter Engineering Colleges Football Tournament "SPARDHA - 23", Organized by CMRIT, Bangalore held on 16<sup>th</sup> & 17<sup>th</sup> December 2023.



## TABLE TENNIS

Winners - in State Level Inter Engineering Colleges Football Tournament "SPARDHA - 23", Organized by CMRIT, Bangalore held on 13<sup>th</sup> December 2023.



## TABLE TENNIS

Winners - in State Level Inter Engineering Colleges Football Tournament "KREEDOTSAVA - 23", Organized by BMSCE, Bangalore held on 19<sup>th</sup> December 2023.



## CHESS

Winners - in State Level Inter Engineering Colleges Football Tournament "KREEDOTSAVA - 23", Organized by BMSCE, Bangalore held on 19<sup>th</sup> December 2023.



## BASKETBALL [WOMEN]

2<sup>nd</sup> Runner up - in 15<sup>th</sup> Dr. M S Ramaiah Memorial State Level Inter Engineering Colleges Basketball Tournament held 22<sup>nd</sup> & 23<sup>rd</sup> December 2023.



## CHESS

Winners - in Invitational Inter Collegiate Chess Tournament "FALAK URGE - 23", organized by MIT, Bangalore on 27<sup>th</sup> & 28<sup>th</sup> October 2023.

## BASKETBALL [MEN]

Winners - in Invitational Inter Collegiate Basketball Tournament "FALAK URGE - 23", organized by MIT, Bangalore on 26<sup>th</sup> & 27<sup>th</sup> October 2023.

## IN HOUSE ACTIVITIES

### Organized VTU State Level Swimming Competition:

We have organized VTU State Level Swimming Competition [Men & Women] at Basavanagudi Aquatic Centre on 9<sup>th</sup> August 2023. Around 50 Engineering Colleges with 180 participants from all over Karnataka. Swimming Meet inaugurated by Sri. G Ramachandra, Chief of Finance (GEF & GS) and witnessed by Dr. N L Ramesh, Vice-Chairman, Sports Committee. Ms. Arundathi S Deshpandey, National Level Swimmer, Alumni of RIT was the Chief Guest and Dr. M Shivarama Reddy, DPE, BMSCE and Member, Sports & Cultural VTU was the Guest of Honour of the program.



### Inauguration of New Synthetic Basketball and Tennis Courts:

We have organized VTU State Level Swimming Competition [Men & Women] at Basavanagudi Aquatic Centre on 9<sup>th</sup> August 2023. Around 50 Engineering Colleges with 180 participants from all over Karnataka. Swimming Meet inaugurated by Sri. G Ramachandra, Chief of Finance (GEF & GS) and witnessed by Dr. N L Ramesh, Vice-Chairman, Sports Committee. Ms. Arundathi S Deshpandey, National Level Swimmer, Alumni of RIT was the Chief Guest and Dr. M Shivarama Reddy, DPE, BMSCE and Member, Sports & Cultural VTU was the Guest of Honour of the program.



## Organised 15<sup>th</sup> Dr. M S Ramaiah Memorial State Level Inter Engineering Colleges Basketball Tournament on 22<sup>nd</sup> & 23<sup>rd</sup> November 2023

We have organized 15<sup>th</sup> Dr. M S Ramaiah Memorial State Level Inter Engineering Colleges Basketball Tournament [Men & Women] on 22<sup>nd</sup> & 23<sup>rd</sup> November 2023. Around 16 Men teams and 8 Women Teams took part in the Tournament. The Tournament inaugurated by Dr. N V R Naidu, Principal, RIT and Sri. G Ramachandra, Chief of Finance, GEF & GSc, program witnessed by Dr. Pradeep Kumar Dixit, Vice-Principal, RIT, Dr. Archana, Registrar Academic and Sri. Mahadev Kakkari, Registrar Administration, RIT. The prize distribution ceremony was held on 23<sup>rd</sup> November 2023.



### RESULTS

COLLEGE	Winner	Runner
MEN	RVCE	MSRIT
WOMEN	RVCE	NMIT

## Organised VTU Bangalore Central Zone & State Level Inter Engineering Colleges Basketball [Men] Tournament from 28<sup>th</sup> November to 1<sup>st</sup> December 2023

We organized VTU Bangalore Central Zone and State Level Basketball Tournament [Men] from 28<sup>th</sup> November to 1<sup>st</sup> December 2023 in our College. Around 9 Men Teams participated in Bangalore Central Zone Tournament and 12 Men teams from all over Karnataka took part in the Tournament. The Tournament inaugurated by Dr. N V R Naidu, Principal, RIT and

Mr. Shobith Bhardwaj, Regional Director, VTU BCZ. Program witnessed by Dr. Pradeep Kumar Dixit, Vice-Principal, RIT, Dr. Archana, Registrar Academic and Sri. Mahadev Kakkari, Registrar Administration, RIT. The prize distribution ceremony was held on 1<sup>st</sup> December 2023.



## RESULTS

- WINNERS – RVCE
- RUNNERS - MSRIT

## Pro-Kabaddi:

### Organized Inter Branch Pro-Kabaddi Competition for Men & Women

Organized Inter Branch Pro-Kabaddi Tournament for Men & Women on 24<sup>th</sup> November 2023 in College Basketball Court on Kabaddi Mat, around 14 Men Teams & 8 Women Teams took part in the in the tournament.



## RFL - Ramaiah Football League:

### Organized Inter Branch Football Competition for Men & Women

Organized Ramaiah Football League an Inter Branch Competition for Men & Women from 20<sup>th</sup> to 29<sup>th</sup> November 2023 in College ground, around 16 Men Teams took part in the in the tournament.





# NATIONAL SERVICE SCHEME

## • ORIENTATION PROGRAMME

The orientation program of the National Service Scheme for the year 2024 was organized on 3<sup>rd</sup> January 2024 in the ESB Seminar Hall. The event's objective was to introduce the activities conducted by NSS to the freshers and enable the registration of new volunteers into the team.

This program aimed to create awareness regarding social responsibility to be possessed by an individual and the satisfaction that one gets after bringing a smile to someone's face. It was an interactive and informative event on a social cause platform that is present in our institution.



## • BOOKS DISTRIBUTION PROGRAM

The act of giving transcends mere donations; it embodies the power to make a meaningful impact. Recognizing the vital role books play in shaping young minds, the National Service Scheme (NSS) at Ramaiah Institute of Technology, led by 40 dedicated volunteers, distributed books, recycled blue books, exam pads, stationery, and biscuits to students at PVP High School, Mathikere on 10<sup>th</sup> June 2023.

Dr. Putte Bore Gowda, the benevolent NSS officer, inspired students with the significance of education. Beyond books, NSS-RIT infused joy through games and activities, fostering a lively atmosphere. The PVP High School principal lauded the ongoing commitment of NSS-RIT volunteers in serving and uplifting children.



## • INTERNATIONAL YOGA DAY

The National Service Scheme of RIT orchestrated a vibrant celebration for International Yoga Day on 21<sup>st</sup> June 2024, held in the quadrangle from 7 a.m. to 9:30 a.m., the event featured engaging sessions attended by over 400 enthusiastic students and faculty.

Prior publicity by NSS volunteers ensured widespread participation. Attendees received yoga mats, and a communal breakfast followed the rejuvenating sessions. Positive feedback highlighted the success of this community outreach initiative, reinforcing the college's commitment to social responsibility. The event promoted holistic health, unity, and future aspirations for continued celebrations, fostering a culture of well-being through yoga practices.



- **PLANTATION DRIVE**

The National Service Scheme of RIT organized a successful plantation drive on 4<sup>th</sup> July 2023 at Boulevard and Soundarya Park. Collaborating with the college administration and local authorities, the NSS team meticulously planned the event. Dr. M. R. Seetharam and Dr. N. V. R. Naidu inaugurated the drive, distributing saplings and planting instructions to student groups.

With a total of 110 saplings planted, the event gained significant media coverage, promoting awareness of environmental conservation. The NSS wing remains committed to sustainable development, aiming to cultivate a generation dedicated to fostering a greener and healthier planet through such impactful initiatives.



## • WOMEN EMPOWERMENT

The National Service Scheme of RIT organized a women empowerment seminar led by Navya Navelli Nanda and her team. Running from 1:30 p.m. to 6:00 p.m., the event aimed to raise awareness about women's safety and self-defense.

The inaugural address stressed empowerment and safety, with 300+ students attending. Start-up ideas were encouraged, promising sponsorship for good proposals. Video clips showcased empowerment themes, and students shared personal experiences. The informative sessions covered personal safety, threat recognition, and rights awareness. The seminar's success heightened women's awareness, leaving participants empowered with essential knowledge and skills. This event marked a significant stride towards creating a safer and more empowering environment for women at Ramaiah Institute of Technology.



## • ORPHANAGE AND OLD AGE HOME VISIT

The National Service Scheme of RIT organized a successful Orphanage and Old Age Home visit on 5<sup>th</sup> and 6<sup>th</sup> August 2023. The primary aim was to spend quality time with residents, fostering empathy and social responsibility among college students. NSS volunteers engaged in indoor games, fun activities, and educational sessions on health, hygiene, literacy, and mental well-being.

Donations like books and first aid were collected beforehand. The two-day visit left a profound impact, evident in the smiles, gratitude, and emotional connections formed. Students gained empathy and social responsibility, making the visit a valuable life lesson. NSS remains committed to positively impacting lives and looks forward to future community contributions. Gratitude is extended to the staff and residents for the warm welcome.



## • MENTAL HEALTH AWARENESS

The National Service Scheme of RIT organized a successful Mental Health Awareness seminar on 27<sup>th</sup> October 2023, featuring Sanaya Sanas as the speaker. The event aimed to raise awareness about mental health issues, create a supportive environment, and provide coping mechanisms for students.



The seminar began with a welcome and a student-made film on mental health, setting the tone for the day. Sanas, a mental health professional, covered stress management, anxiety, and depression, and emphasized seeking help. The interactive session allowed students to ask questions and share concerns, making it a resounding success. NSS is dedicated to organizing more events to foster mental health awareness and support within the college community.

## • SPECIAL CAMP 2023

The National Service Scheme of RIT conducted its annual special camp from 8<sup>th</sup> to 16<sup>th</sup> September 2023, focusing on community engagement and social service. Activities included bookmaking for local schools, interactive sessions promoting awareness of social issues in nearby schools, a clothes collection drive, an E-waste collection drive, a skill development Program, and a cultural day for students.



The diverse collection was distributed to a laborer's colony, emphasizing warmth and essentials for the approaching winter. The camp fostered a bond between the college and the community, leaving a lasting impact. Interactive school sessions encouraged students to engage in community service, while the clothes initiative showcased compassion. NSS remains committed to such impactful initiatives, solidifying its dedication to community service and social welfare.



## • HEALTH CHECKUP CAMP

The National Service Scheme of RIT conducted a successful free health checkup camp for teaching and non-teaching staff on 3<sup>rd</sup> November 2023, from 9 a.m. to 4:30 p.m. The event, held in the LHC Basement, aimed to promote employee health and well-being, emphasizing the importance of regular checkups.

Dedicated NSS volunteers and healthcare professionals from Ramaiah Hospital ensured the camp's smooth execution, providing services like general medical consultation, ortho, ECG, dental, and more. Efficient registration and department-specific checkups resulted in an enthusiastic turnout. The camp underscored the college's commitment to staff well-being and instilled a culture of health awareness. NSS looks forward to organizing similar events for ongoing contributions to staff and community health.



## • BLOOD DONATION CAMP

The 25<sup>th</sup> Annual Blood Donation Camp at Ramaiah Institute of Technology organised by the National Service Scheme took place on 21<sup>st</sup> December 2023. Thirteen blood banks from Bangalore participated in the event held in the ESB Basement from 9:00 am to 5:00 pm. The inauguration featured Chief Guest Dr. M. R. Seetharam, Dr. Savitha S G, and Shashi Kumar. NSS officer Dr. Putta Bore Gowda and student coordinators coordinated the 800 volunteers, each assigned specific tasks.

Donors underwent systematic procedures, from token collection to medical examinations and phlebotomy. The event saw active participation from MSR institutions, the public, and company employees. With support from 13 blood banks, 905 units of blood were collected, showcasing the success of this noble endeavor.





## DEPARTMENT OF EXTRA-CURRICULAR ACTIVITIES (DECA)

DECA is an extra-curricular club at MS Ramaiah Institute of Technology (MSRIT) that provides students with opportunities to enhance their business and leadership skills. Throughout the academic year 2023-24, DECA organized a series of events and actively participated in various competitions, making it a memorable year for the club.

The year kicked off with a bang as DECA conducted an eagerly anticipated event ICEBREAKER which was on 18<sup>th</sup> October 2023 that marks the beginning of the DECA journey for fresher's and showcases the vibrant talent within its 19 clubs. The event serves as a captivating introduction to DECA and provides an opportunity for newcomers to explore their interests and join the clubs that resonate with their passions. With clubs ranging from dance, music, theatre, to literary, "Ice Breaker" becomes a celebration of creativity and artistic expression. The event is meticulously organized, creating an atmosphere of excitement and anticipation. Each club enthusiastically presents their unique talents, leaving the audience awe-inspired. The dance club mesmerizes with

their graceful movements, while the music club fills the air with melodies that touch the soul. The theatre club brings characters to life through captivating performances, and the literary club paints vivid worlds with their words. Every club showcases their exceptional skills, enticing the fresher's to immerse themselves in the diverse opportunities DECA has to offer.

Continuing the festive spirit, DECA celebrated Kannada Rajyotsava, the Karnataka State Formation Day, from 22<sup>nd</sup> to 25<sup>th</sup> November 2023. The week-long celebration showcased the rich culture, traditions, and language of Karnataka. Various activities, including debates, cultural performances, and competitions, were organized to foster a sense of pride and unity among the students. In order to help incoming freshmen, settle into the college environment.

DECA conducted the MSRMQF (MS Ramaiah Memorial Quiz Fest) on 22<sup>nd</sup> and 23<sup>rd</sup> December 2023 it's an Intercollege quiz fest where students from various institutions have participated in

QUIZ	WINNERS	Runner Up	2 <sup>nd</sup> Runner Up
<b>EmeRITus Quiz</b>	Swapnil Das, Dhawal Mittal, Saumitra Khullar. <b>NLSIU, Bengaluru.</b>	Anand R, Dhananjay B, C Raamanujan. <b>IIT Madras, NIT Trichy.</b>	Udayan Mishra, Allen Lobo, George Johnson. <b>R V College of Engineering, Bengaluru.</b>
<b>Sci-Biz-Tech Quiz</b>	Anand R, Dhananjay B, Reitesh K V Raman. <b>IIT Madras.</b>	Saumitra Khullar, Swapnil Das, Dhawal M. <b>NLSIU Bengaluru.</b>	Siddharth Kumar, Suvansh Mahajan, Yash Goyal. <b>NLSIU, Bengaluru.</b>
<b>VeRITas Quiz</b>	Saumitra Khullar, Swapnil Das, Dhawal M. <b>NLSIU Bengaluru.</b>	C. Raamanujan, Sathwik A, Nishith E. <b>NIT Trichy.</b>	Ankita Patil, Dellwyn. <b>Ramaiah Institute of Technology, Bengaluru.</b>

DECA also participated in the 23<sup>rd</sup> VTU (Visvesvaraya Technological University) youth fest “BLISSBEAT 2024” conducted at SJGIT Chickballapur from 27<sup>th</sup> to 30<sup>th</sup> March 2024. The club showcased their talents, skills, and business acumen in various competitions. Their hard work and dedication paid off as they emerged as the Champions, earning accolades for their outstanding performance.

DECA's one of the biggest event of the year was the TEDx conference held on 24<sup>th</sup> April 2024. The theme of the conference was “Ideas Worth Spreading,” and it featured

inspiring talks from renowned speakers across different disciplines. TEDx provided a platform for students to broaden their horizons, gain new perspectives, and exchange innovative ideas.

DECA also conducted an engaging inter and intra-college fest “UDBHAV 24” on 29<sup>th</sup> and 30<sup>th</sup> April 2024. Students showcased their acting skills through one-act plays, and skits, promoting creativity and teamwork. The event provided a platform for participants to express their talent and receive valuable feedback from industry experts.





## IEEE STUDENT BRANCH RAMAIAH INSTITUTE OF TECHNOLOGY



IEEE RIT-B Student Branch was established at Ramaiah Institute of Technology in the year 2003 with just two technical chapters, EMBS & PES. Since its inception, the branch has grown and evolved significantly with 10 technical chapters like RoboRIT, WIE, SPS, ComSoc, CS, APS, PES, Sensors Council, MTT-S, IEEE Xtreme, and 5 non-technical chapters such as Documentation, Design, Public Relations, Sponsorship, and Creativity. At present, the branch has 224 active Execom members. Throughout 2023, under the guidance of Student Branch Counselor, Dr. Sujatha B, the current team of office bearers—Suhas K (SB Chair), Srinivas C (SB Secretary), Prajwal B M (SB Technical Head), Vinayak S (SB Treasurer), and Snega U (SB Convener) has led the branch through a year of challenges and accomplishments. Their dedication and leadership have upheld the branch's legacy. The IEEE RIT-B SB aimed to provide students with a comprehensive understanding of various engineering

domains. In 2023, a new initiative, the "Research Paper Drive" was experimented to encourage students to contribute to the ever-evolving landscape of research. This initiative made sure to lift the research culture up at the institutional level. The IEEE RIT-B SB also embraced a humanitarian perspective, events organized by chapters like SIGHT, CS & WIE encouraged students to channel their skills towards projects for the betterment of society, showcasing the branch's commitment to social responsibility. The Year 2023 kicked off with a technological extravaganza, "IEEE Odyssey", which went on for 15 days in the month of June, that showcased 25 diverse events across different chapters. In a high point for the year, the IEEE Bangalore Section hosted "IEEE CONECCT 2023, 9th edition" in July at RIT. This three-day Conference, graced by the presence of IEEE President Mr. Saifur Rahman, stood out as a vibrant platform for meaningful interaction

and well-deserved recognition. The students of IEEE RIT-B took the lead in hosting "RIT TechFest 2023" the largest technical fest at Ramaiah Institute of Technology. Spanning two exciting days and unfolding under the captivating theme "Multiverse of Technology" the fest showcased a dazzling array of innovation and technological brilliance. IEEE India Philanthropy and Quest Global offered WIE scholarship for the year 2023-2024 to three students of RIT. Each one of them received Rs 50,000/- as scholarship.



RAMAIAH Institute of Technology
IEEE Advancing Technology By Empowering
IEEE BANGALORE SECTION
IEEE
WIE

## CONGRATULATIONS

For receiving IEEE Women in Engineering scholarship worth of Rs. 50,000/- funded by Guest Global



**Sharon Theres Joseph**  
Electronics and Telecommunications  
2nd year



**Prathusha N**  
Industrial Engineering and Management  
3rd year



**Niveditha K.S**  
Electronics and Telecommunication  
2nd year

Best Wishes from RIT family





## IETE STUDENT FORUM (ISF)

Ramaiah Institute of Technology got the IETE Organizational membership in 2021 and The IETE Student Forum (ISF) under Ramaiah Institute of Technology was started on 18<sup>th</sup> December, 2021 by the department of Electronics & Telecommunication Engineering. Dr. S G Shivaprasad Yadav, Associate Professor is the ISF coordinator

of RIT IETE student forum. Since its inception, many technical activities have been conducted regularly. Some of the activities are workshops for students, Faculty Development programs, Industrial visits, student competitions and many more. Currently around 70 students have taken the membership and part of the ISF.



Chief Guest, Dr. D G Rao, Scientist 'F' and Project Director, LRDE-Bangalore, along with Guest of Honor Shri C Satyanandan, Chairman, IETE Bangalore addressed the audience



Industrial Visit to Bharat Electronics Limited (BEL)



Industrial visit as a part of FDP on **“Latest Trends in RF and Microwave Systems; ML Approach”** on 5<sup>th</sup> October 2023



Three Day Summer School Training Program on **“Embedded Systems Design using ARM Microcontrollers”** by Engineers from ARM during 23<sup>rd</sup> – 25<sup>th</sup> February 2023

RAMAIAH Institute of Technology IQAC INSTITUTION'S INNOVATION COUNCIL

Dept. of Electronics and Instrumentation Engg. & Dept. of Electronics and Telecommunication Engg.

Invites you to a seminar on

**ARM BUILDING THE FUTURE OF COMPUTING AND YOURS!**

**ASHA R.**  
Principal Software Engineer, ARM.  
ARM Software Organization - Introduction

**ANSHUMAN KHANDUAL**  
Software Engineer, ARM.  
Early Career Mentorship Program

**5 August 2023, Saturday**

09:30 AM - Presentations  
10:30 AM - Student interaction  
11:30 AM - Faculty interaction

**HI-TECH SEMINAR HALL, DES BLOCK**

Faculty Coordinators:  
Dr. Elavaar Kuzhali.S, Dept of EIE, RIT, Dr. S G Shivaprasad Yadav, Dept of ETE, RIT



Lecture delivered on **“Electromagnetic Waves – an Industry Perspective”** by Shri. Sayantan Mukherjee, CRL-BEL on 07<sup>th</sup> July 2023



Technical Lectures on **“ARM Building future of Computing”** by Engineers from ARM, India, on 5<sup>th</sup> August 2023



## DISTINGUISHED ALUMNUS INTERACTION

### Smt Nandini K. R., IAS

Department of Civil Engineering  
(2008-2012 Academic Year)



#### 1. What comes to your mind at the mention of MSRIT?

A lot of things comes to my mind actually. So, the first day when I came for the joining from that moment to the graduation day, a lot of milestones, a lot of things to remember, a lot of fond memories. It was like a wide canvas wherein there are a lot of technical know-how was imparted and, systematic thinking and looking at things in an objective manner, logical way and deducing, solutions to the challenges we face. Although all these were taught in terms of technical subjects, but a lot more to derive from the lessons we learnt. So, the professors, the lectures, the internals, preparation for the same, the labs wherein, the learning was subjected to experimentation and then to understand

it in a hands-on approach. Since the Civil Engineering is the stream which I, pursued, it concerns with more of practical learning and seeing is believing in what we do.

#### 2. How do you describe your experience at MSRIT?

So, a lot of experience that way has gone into the four years what I did in MSRIT. So, it's very difficult to sum up the whole four years in four sentences actually, but on the whole like I enjoyed all the subjects basically a sort of intellectual enjoyment I would say to sum up all the four years of my journey in MSRIT. It is a kind of intellectual enjoyment learning new things and understanding why things are in such a way and how the scientific principle behind it and then giving logical answers to that and applying the same principle to everyday construction, every day the things we built, so the basic, the human's time since immemorial, they had this, urge to build something, like even the early humans, they started building something for home, for themselves home, or anything, shelter, anything. But today's it is like all engineering marvels. We have seen what seemed unachievable earlier, but nowadays with the advancement in science and technology and the technical knowhow almost unimaginable feat a few decades ago have been achieved now. So all the engineering marvels, so all these things we could imagine at the time of our engineering four years of graduation. So I used to wonder at the human capabilities at

reaching such things. So all these experiences gave me a lot of impetus to dream big, to aim high. So I mean, it felt, it gave me confidence that, OK, nothing is impossible for humans. Like if you perceive towards something, you can achieve it. So those were the things. So I think this, it's a whole a lot of experience learning from things.

### **3. What has been the impact of MSRIT on your career?**

So, since the subject I studied is engineering and since we got an exposure to almost all branches of engineering in the first year and later on in specific with respect to civil engineering, it deals more or less with the concept of problem solving. So I look at in that way actually the four years of engineering with respect to my career. So it gave me a logical thinking, it made me a more rational person in terms of looking at the challenges we have. So not just that, actually it gave a whole perspective with respect to looking at the problems and challenges. It's kind of looking at a problem in a systematic way and finding probable solutions in the time bound manner and when you have constraints of resources with you. So this is one of the wonderful gifts of this engineering studies, I feel because it gave it gave me that kind of scientific outlook, the logical outlook and, the best way of finding solutions with limited resources and when you have lot of constraints at your end, especially time management. And this gave me a very good perspective to looking at everyday challenges in the professional front as well as in the personal front, how we can give a professional outlook to finding solutions to these things. So that's a very

good contribution that engineering gave me, not just that. And since that those four years were the formative years of my life, what has it has helped me in developing. The course curriculum was so intense that it made me a systematic person in terms of having a very good timetable, having a schedule of oneself and managing time, resources and the whole lot of disciplined kind of outlook towards the profession. So it gave me a lot of impetus to develop a good hobby also. So that's how I mean, it has a very good contribution in terms of moulding myself into a better person, into a more able person. So that's how it has got an endured impact in my career even today. So whenever I have a challenge in front of me, that logical approach has helped me. I mean, just to give an example. So when we studied this engineer construction management, construction management, do have PERT charts then Gantt chart all those things. So you manage, you schedule everything you look in, you schedule everything you anticipate whatever probable things that may keep you off track from your schedule. All these things like these are just one of the examples, but each and every subject we have studied has given lot of application in terms of day-to-day administration as well as day-to-day encounter of challenges and finding solutions to them.

### **4. What were your feelings when the civil services exam result was announced and you stood first in the country?**

Since lakhs of aspirants write exam every year and the three -stage process of filtering them in each step is so, I mean it's a very very, highly competitive thing, so each of this step requires lot of thorough studying and hard

work. So, from 10 to 12 lakhs to then again some 1 lakh in mains and then few thousands in interview and then few hundreds. So, that is how finally within 100 if you are there then you are in Indian administrative service and thereafter also even if you are in top 3 in your state then again you will get the home carder itself. So, considering this the whole process of year -long journey then all in hindsight I feel that yeah it's a really a happy thing to be at the top but then it gave me another opportunity not just individual happiness or happiness that it gave to the family but it gave me an opportunity to address to lot of school children and college students.

So, almost after the results I travelled most of the districts on the invitation of district administration and I got an opportunity to speak to them interact with lot of students, degree students and those who are aspiring for civil service. So, that opportunity also I feel like really happy even now whenever I get an opportunity I engage with youth who are aspiring to become civil servant. So, I mean the happiness is not just for the individual achievement but also for the opportunities that it bestowed on me. So, that is how I look at it.

### **5. What made you switch from engineering to public service?**

So it's, I mean very difficult to answer actually, but engineering service would have given me personal and intellectual happiness to a greater extent. Definitely, there is no doubt on it. It was my Plan B. If not civil services, definitely I would have continued in this. Even now I enjoy learning the design elements, learning doing those problems,

solving them. Then I mean, it's, it's really an intellectual happiness that I cannot compare with anything. But however, public service gives me a wider canvas in terms of broader subjects actually like you can be, you can be at different subjects in civil service. Just to give that that diversity that civil service offers is like definitely an unmatched thing. So that is one thing it why I switched over and not just the diversity. It gives you a certain power, certain authority and certain provisions in the Constitution as in the civil services rules as well. And the nature of the service itself is so that you will be in a position to definitely interfere at much higher level and also at much broader aspects of the society. So I mean it two things are definitely not comparable. It is it is like comparing apples with oranges. But however, to answer to this question, I would say, I mean somehow this was my first calling always the public service. So you can intervene at right from grassroot levels to the highest levels of bureaucracy and the policy making, not just that the problem solving at the grassroot level. So even in terms of vertically if you look and horizontally if you look, the coverage is widest in terms of the difference you can make and the change you can bring about. So that is why I mean it compelled me to look into civil services.

### **6. How do you describe your growth as a civil servant?**

It's a never ending journey actually. So the journey is what makes me more happier than the destination itself. So every day you become a better person. Every day you get an opportunity to look at and change the things at your helm of affairs, which you can

control and which you can direct. But it is a ongoing process, it's a never ending process. So, but as a civil servant, definitely the impact you can make on the lives of people, common people at large is really something which gives me a lot of satisfaction. The 1st 10 years of civil service, definitely it is more of being at the grassroot level, being with the common man at the rural areas, one of the most remote areas where even the basic, you know, challenges of health, education or sanitation or just a basic thing of getting access to pure and qualitative drinking water. All these things are still challenges at many of the rural hinterlands. So the 1st 10 years more or less we deal with making the lives of people better at the grassroot levels and be implementing the schemes that the government bring about to make the standard of living and life better of them. So that I am still in that phase. So, but now, I would say the growth has been definitely very, very significant in terms of the way we look at the people, their lives. I have become a more empathetic person, a more rational person and how I can be the part of the story where the solution lies. So that is how the whole outlook has changed as a civil servant

### **7. What is your advice to the students?**

So the advice to young students is to choose a stream or a field where our passion lies actually. So I never discriminate or differentiate between them. Personal life and professional life. If at all you are doing a job only to get salary out of it, remuneration out of it, it's a different thing. But when you have chosen a path or a profession for your contentment, your happiness, so and when it becomes a way of life for yourself, you need

not work a single day. Also it becomes a part of your life, part of your journey. So that's what I have seen it throughout. So that is what I would like to share with the students. Also more than an advice, it's just an sharing of what I have experienced. So choose a path, choose a career or choose a profession or choose a stream where you need not work a single day because it becomes a way of your life. It becomes you start living it, it becomes your passion. So search for the true calling and give your 100% to that. So you may or I mean you may reach your destination a bit late, but however, definitely on reaching it, you will be the happiest person because you will leave it, you will cherish it throughout life and it won't become a kind of, you know, just a job. So where you earn your living, but it becomes your living. So that's how so wise man once said like education is not just the one thing which makes you earn a living, but it becomes your life. So that is how I look at job also. So you need not work a single day if at all, it becomes your life. So I emphasize on this because all of them, all the students and the graduation are at their verge of, you know, choosing their career, choosing their path for the rest of life. So very, I know my best wishes to all of them. And thanks to Ramaya College of Engineering for reaching out to me on this. If at all I have to elaborate something on any of the questions, kindly revert back to me and I will respond to you at the earliest. Thank you so much for the opportunity. And I always look back to connect to the students , in whichever manner it is possible, if at all, I am of some help to them in their careers, in their path. I'll be really happy and thanks to Ramaya College of Engineering once again and to hold civil department for reaching out to me on this. Thank you once again.

## Mr. Harsh Singhal

Department of IEM  
(Academic Year-2002-2006)



industry-recognized leader in Machine Learning, Data Science, and Artificial intelligence, his career journey spans various verticals across global markets and top-tech companies like LinkedIn, Netflix and Palo Alto Networks, with a focus on delivering data-driven solutions and driving business outcomes

### 1. What comes to your mind at the mention of MSRIT?

Every time I hear MSRIT I feel that I'm home. A home for my mind. At MSRIT I learned to think in ways that were a first in my life. I got exposure to faculty members who taught me excellence in my approach to learning and solving problems. I felt inspired at MSRIT, in those classrooms, discussing technical topics with my peers and teachers. I also had the best time of my life at MSRIT as a college student, making relationships that have lasted for 20+ years, both with friends and faculty.

### 2. How do you describe your experience at MSRIT?

I had a very fulfilling experience. Not only did I learn so many subjects, I also had the freedom to experiment widely. At MSRIT, my teachers, especially Dr. Naidu sir gave me an environment where I could thrive. I was encouraged and my ideas were appreciated. I also had the best peer group I could have imagined where students from all over the country were in my class and supported each other in our learning journey.

### 3. What has been the impact of MSRIT on your career?

I was inspired by Dr. Naidu pursued higher studies and I credit him as a major influence on my decision to pursue a Master's degree at Rutgers in Industrial and Systems Engineering. MSRIT always had a very good reputation as a premier engineering college and this reputation has only grown over the years. I am lucky that MSRIT was where I spent the formative years of my professional education and continue to be associated with the college, which today counts as one of the top engineering colleges in the country.

### 4. What were your feelings when you attained higher positions and how much of it would you attribute to MSRIT.

MSRIT has had a very very large impact on my life. Some of my deepest friendships today are with people I met at MSRIT. My choice to pursue an MS and go to America was due to the experiences I gained at MSRIT. Today, when I have been given the privilege to work with students, it is because of MSRIT to allow me such a fulfilling role at this stage

in my life. How could any of this be possible without my time at MSRIT!

### **5. What do you think the students must do to achieve success in career and in life?**

Students should very early on do a few things. First they should learn to define success as more than one or two things. For this they should gain perspective from their teachers, their parents and other elders. Success is not just a great salary or a position. Success, especially later in life should be a nuanced understanding. The foundations of this should be laid very early on and students should understand and start thinking about this from the first day of college.

Second, students should work hard. Exhaustion should set in for students on a regular basis because of the hard work they are putting in to learn and experiment. The world today has changed drastically. With GenAI becoming smarter and smarter, students have a great advantage in that they can learn anything and at the same time, a great disadvantage, that they can choose to learn very little and become dependent on AI. That is why they need to work hard to go back to the fundamentals and acquire knowledge that is axiomatic, apply this knowledge and gain experiences while they are in college so that when they enter the workforce they are ready to make a difference and can articulate the value they bring clearly.

### **6. How do you describe your growth in the industry?**

My growth in the industry has been what I can term fortunate. In hindsight I can make a lot of claims but I was blessed to have the

mindset of hard work and curiosity. But the most important aspect was that I was lucky to be in the right place at the right time. This is a matter of luck and not a matter of choice on my part. But when I was put in those situations, I chose to do as much as I could to learn, to apply and that was because of my constant curiosity.

Today, I am very fortunate to be where I am. But I am very much aware that my path had a lot of invisible hands that blessed me, opened doors for me and mentored me without which I may not be here. Also, the world has constantly been changing and I was born in an era and came of age at a time when rapid technological progress happened along with the economy of India opening up.

### **7. What is your advice to the students?**

Students have a single purpose, and that is to focus and work hard. As a student, they have the unique privilege to be in an environment we call College. A college is a time in a person's life where they can have the luxury of having only one responsibility and that is the freedom to study, learn, apply and discover their interests and unique strengths. This is also a time when they are only distracted by the distractions they choose to acquire. Later on in their life, they may acquire other responsibilities which may not allow them 100% freedom to explore any idea of topic that their time in college allows them to.

So the first thing I would tell students is to be very curious and try to learn as much, go broad and also go deep in areas they catch their interest. And in going deep, go to the

level of atoms or bytes. Don't stop. Stay curious, stay driven and most of all stay humble.

Remember that while they can acquire knowledge

faster than anyone else, they need the wisdom of leaders, the experience of their faculty and the teamwork of their peers to go far in life. Students need to build the right habits in college which

focus on being the kind of professionals that enter the industry and can be great team players first and eventually reliable leaders.

## Dr. R B Lokesh

Senior Director and Team Head  
Samsung R and D Institute, Bangalore  
( Department of  
Electronics and Communication  
Academic Year : 1987 -1991)



### 1. What comes to your mind at the mention of MSRIT?

First thing that comes to my mind at the mention of MSRIT is immense amount of gratitude for what the college gave me in terms of the knowledge imparted to me by the great set of teachers who taught me during my study from 1987 to 1991.

### 2. How do you describe your experience at MSRIT?

For me the UG study at MSRIT was a wonderful foray into discovering the beauty of the world of electronics. This was mainly due to the fact that apart from the great classroom teaching we got, we were also fed to some excellent practical laboratory sessions with detailed laboratory manual prepared fully in-house by the dedicated teachers in those days when internet did not even exist. Great effort from the teachers to give us that practical knowledge, which has till today held me in high esteem.

### 3. What has been the impact of MSRIT on your career?

As mentioned above the teaching and lab sessions changed the way I looked at engineering versus just getting bookish knowledge. This resulted in me looking at each and every technical challenge posed to me, from basics, with mathematical outlook. I cannot forget the elaborate mathematical derivations done in the class room by Prof. B Krishnappa, Prof. Manikantan, Prof. K Giridhar, Prof. M S Sudhi, Prof. D Kumaraswamy, Prof. Murali, Prof. M Madhusudhan Rao, Prof. Giri kumar, Prof. Isaac George, Prof. Bimla

Kochar and many many others from various departments, which have helped me all through my career.

#### **4. What were your feelings when you attained higher positions and how much of it would you attribute to MSRIT.**

Though I have proceeded to do my Masters (from UVCE, Bangalore) and PhD (From IISc Bangalore) which have further shaped me, the first foray I had into the world of ELECTRONICS & COMMUNICATION, laid the BEST FOUNDATION, without which I could not have built the wonderful set of accomplishments in my career. Hence, I would attribute a major chunk of my accomplishments today to be due to my education at MSRIT. In fact, from 2nd year B E, I became a totally different person, equipped with very high level of confidence in what I did from then till date.

I therefore have the HIGHEST REGARDS for MSRIT, and it is one institute which is closest to my heart.

#### **5. What do you think must the students do to achieve success in career and in life?**

Dedicate yourself to technology, have a practical approach from day one, get the fundamentals right, give highest importance to mathematics, do not overplay the campus placement aspect and hence don't neglect study the moment you are placed (will happen automatically if you are the best) and have very close technical interactions with all the faculty and trainers at the institute. These UG days are the most crucial formative years in a student's career.

#### **6. How do you describe your growth in the industry?**

Growth in the industry is a very interesting jigsaw puzzle or a great maze. One will need to navigate by adapting on a daily basis, focus on the roadmap laid by your leaders, understand why your senior colleagues who have been successful leaders, do what they do, and why they do, observe every happening and development very keenly, to finally become a successful engineer to the top.

#### **7. What is your advice to the students?**

Highest level of commitment, hard work, determination, confidence, deep technical understanding of concepts, innovative mindset, systematic approach, agile practices, collaborative approach, etc... can be real assets which will shape you.

Follow your instincts, don't copy anybody's path, create and define your own path of adventure, and you will be surely successful. There is no stereotype for success.

Over and above all this my spouse who is an MSRIT alumna, also resonates that MSRIT was a great place wherein she learnt a lot. The practical approach coupled with great teaching culture combined to provide a unique learning experience and knowledge accumulation.



## ENGLISH ARTICLES AND POEMS

### Teacher



#### Sri Poorva Devi E R

USN : 1MS21AD051  
Semester : 6<sup>th</sup>  
Dept. : AI&DS

Someone who ignites a spark in our minds  
Someone who opens the doors of our  
penetrating brain  
Gives a sense of hope and confidence to us  
To believe in our own selves

Takes us from darkness to light  
By making our life bright  
And would hold trust on us  
Without our own knowledge Someone

Lights a candle in our hearts  
Makes one delight with their pure love  
And await for nothing in return  
Except for reverence and truth

These are the attributes of an inspirational  
teacher  
One who creates heaven in a student's life

### My Bird of Liberation!



#### Ladi Tilak

USN : 1MS23CI063  
Semester : 2<sup>nd</sup>  
Dept. : CSE (AI&ML)

Under the April sky,  
Amidst the stench of corporate Bangalore,  
With my arm pits soaked in sweat,  
Patches of dandruff scattered through my  
hair,  
Colour of black circling my eyes,  
Rashes irking my skin,  
My shoulders bent down with the weight of  
my backpack,  
My head bowed down with the weight of my  
burden,  
Did I no longer feel human!

Under the shadow of these sky scraping  
towers,  
I walked down the road of time,  
Withering my emotions one by one,  
Slouching my shoulder down and down all  
the way to mother Lucy,  
Walking on top of reforms and revolutions,  
Have I not become a barbarian!

Under the greed of a selective few,  
I have become a prisoner of my flesh,

Divorced from my rational self,  
 Victim to the strings of a puppeteer,  
 Fighting his wars,  
 Bathing his kin,  
 Eating his leftovers,  
 Did I not navigate to the end of our  
 civilization!

The precious little dreams we cherished,  
 The ideas we inherited,  
 The brotherhood that knitted us together,  
 The fables of happiness that birthed the  
 human in us,  
 All burnt down with his great fire,  
 The fire blazed off a mountain of ash,  
 From the ashes flew a ray of hope,  
 A bird on its way to light the sun,  
 The sun that rose from the mountains of  
 ashes to flame this world,  
 The sun that shook the greed of the top,  
 The sun that illuminates our lives from the  
 seas to the deserts,  
 From the ashes shall you rise and victor MY  
**BIRD OF LIBERATION!**

## On Rain



### Vinamra Tiwari

USN : 1MS23IS148

Semester : 2<sup>nd</sup>

Dept. : Information Science and  
 Engineering

*"A great while ago the world begun, With  
 hey, ho, the wind and the rain."*

*- Twelfth Night*

Read'st I Keats one evening, when without  
 warn

The grey clouds, Indra's obeisant, wrought  
 rain, And the floor- A silver sheen hath it  
 worn,

When drops like marbles fell on concrete  
 plain.

Droplets to wires clinging as buds to plants,  
 And dripping water falls from leaves of  
 trees; Roaring clouds made birds to shelter  
 seeking

And under thick trees all them came hiding.  
 Lightning spread out like veins against the  
 sky, This standing behind window pane  
 seest I,

Then slowly slows down the pattering rain  
 And halts! The marble shatter and follows  
 Silence; soon after, came the birds chirping  
 The sky-a prussian blue and petrichor  
 Scented air, the plants and trees surrounding;  
 I stood near the window still but wherefore, I  
 doth not knew, and so to my chair returning;  
 Began 'gain Keats' poem with a face that's  
 smiling.

## Graves



### Avani Jha

USN : 1MS20BT014

Semester : 8<sup>th</sup>

Dept. : Biotechnology

I wish graves could visit other graves,  
And those headstones could weep.  
I wonder if it's hard to keep it all in,  
And not let it out of the coffin.

I wish graves could visit other graves,  
And comfort each other.  
People who couldn't be together in this life  
Could be united in another.

If graves could visit other graves,  
A mother could meet her unborn child.  
And the father who often stormed out in  
anger,  
Could finally resolve all his fights.

I wish graves could visit other graves,  
And talk about their loneliness.  
Share stories from when they were alive,  
Apologise for promises they never kept.

I wish graves could visit other graves,  
So that I could spend more time with  
everyone.  
Tell them all how much I loved them,  
And do all I could've done.

## Build Your Communication Skills With These Simple Steps



### Avani Jha

USN : 1MS20BT014

Semester : 8<sup>th</sup>

Dept. : Biotechnology

*"The single biggest problem in communication is the illusion that it has taken place."*

- George Bernard Shaw

This quote marks how important communication skills are. Huge problems can be averted by bringing perfection in communication. These skills are the most sought-after skills that interviewers look for in the candidates. Your amazing ideas would mean nothing if you are not able to pitch them properly to your audience. Lack of communication skills can lead to misunderstandings and those can lead to disastrous results. To prevent that, here are some points that you should definitely keep in mind for effective communication!

**1. Keep It Simple:** Sometimes it's better to not over complicate things and rather just play it simple, especially when you are dealing with complex instructions. While putting forth your points you must take care of not using excessively long sentences or obscure words that people might not know the meaning of. You should also avoid visual aids as they might pave way for confusion amongst the watchers. Also, fluency is very important when it comes to delivering a

presentation, and if you build complex sentences they will be hard for you to remember too which might lead to a break in the flow of the presentation.

**2. Become Attention Seeker:** Attention of the listener is vital to the process of effective communication. No matter how well you've written your speech or how well you deliver it, if you are not able to grab the attention of the person you're delivering it to, it will mean absolutely nothing. Strong hand gestures are one of the best ways to hold the attention of the listener. You can try to interact with them every once in a while to make sure that you haven't lost them and to see if they are paying attention to you or not.

**3. Body Language:** First impression is the last impression. We've heard this numerous times yet we forget its importance. Your body language plays a major role in your overall deliverance, so much so that it can make or break your chances of selection in an interview. If you are standing in front of experienced professionals, they can tell your mental makeup at that moment just by judging your looks. Hence it is of utmost importance to not show your nervousness and not let your inhibitions take the better of you. You should decide on a comfortable "power pose" that you must maintain throughout so that you look confident even if you aren't.

**4. Over-communicate:** In order to explain something to the listener, you must ensure that you put forth every single idea that you have on your mind. In industries, for example, there is absolutely no margin for error. It's always better to be safe than sorry. Although over-explaining might take up some extra time, it will be worth it if it ensures that no confusion remains. In fact, when you explain it at length even you get to gain a better understanding of the mechanism.

**5. Feedbacks:** The best way to grow is to learn about our mistakes. We can't be the best judge of our shortcomings because had we been aware of them, we would have already rectified them. Which is why we need to entrust our colleagues and family members to become our best critics. Ask them to let you know whenever you lack proper communication. After you give any presentation, ask for constructive feedback from those who attended it. It is very important that you make sure that you take it in a positive way and not be disheartened even if you don't get expected result. These skills take time to develop.

As a professional, effective communication skill set is one of the most important skill sets that you can have in your bag. It helps you not only in expressing yourself in a better way but also helps others in understanding you better. Obviously, communication is a two-way street and you need to be as good a listener as you are a speaker otherwise it is all for naught. So pay attention to honing your skills and eventually you'll notice the difference in your work!

## Breaking Silence



### Basavaraj Mahantesh Shiddibhavi

USN : 1MS21CV017

Semester : 6<sup>th</sup>

Dept. : Civil Engineering

During times he is called as wanted  
As a friend he isn't counted  
Loneliness sometimes make him feel haunted  
Feelings in his heart are grounded

Words helps themselves to defend  
Silence make others to surrend  
One who keeps himself in silence is unafraid  
Who shows aggression goes under shade

You see him little fumble  
That doesn't mean he can't babble  
He portrays himself to be simple and humble  
He can win against the whole world as in  
Royal Rumble

He stores all the bad things in his RAM  
Leave him alone to be calm  
Maintain yourself with more than 1 arm  
So that his claws doesn't ruin your charm

You make him feel tired, make him weak  
He comes back from Davy  
Jone's locker as Captain Jack  
Rebounds to make you all freak  
With a pounce as Eren's attack

## Who wouldn't fall for her



### Basavaraj Mahantesh Shiddibhavi

USN : 1MS21CV017

Semester : 6<sup>th</sup>

Dept. : Civil Engineering

She is as sweet as Rofza  
Who don't have any negative energy within  
as Feroza, She look fresh as un plucked Rose  
Would look good in any Pose,  
Being with her would never make him Bore  
For sure they may fail to listen the sounds of  
tides and shore,

She would never understand how he missed  
her How he kept her thoughts and never let  
it clear He sees her communicating through  
eyes

In the middle of noise

Who else is in her zone just name it Fresh  
and one of the best she claim it

Flowers are romantic, but she make it a  
beautiful garden Stars are romantic ,but she  
fills the whole starlit sky Waves are romantic  
,but she is like vastness of the sea Jewels  
are romantic, but she is a full set of precious  
things Poetry is romantic ,but she is the  
reason for his poems Who wouldn't fall for  
her

## My Rollercoaster Ride: From Pandemic Worries to College Adventures



### Advika Gupta

USN : 1MS21CI003

Semester : 6<sup>th</sup>

Dept. : CSE (AI & ML)

Hey there, fellow adventurers! My name is Advika Gupta, and I'm here to share my exciting journey from navigating the uncertainties of a pandemic to diving headfirst into the whirlwind world of college life at MS Ramaiah Institute of Technology (MSRIT), pursuing a course in Computer Science and Artificial Intelligence.

Now, let's rewind the clock back to 2022. Ah, what a time it was! The world was slowly emerging from the clutches of the dreaded COVID-19 pandemic, and I, like many others, was navigating through the chaos of entrance exams, uncertainty looming overhead like a dark cloud.

But hey, amidst all the madness, there was a glimmer of hope—a beacon guiding me towards MSRIT, my newfound haven. Stepping onto campus for the first time felt like stepping into a whole new universe, bursting with endless possibilities and adventures waiting to unfold.

From the get-go, everything felt different—in the best possible way, of course! Gone were the days of endless Zoom calls and virtual classrooms; instead, I found myself surrounded by the hustle and bustle of

campus life, with students buzzing around like busy bees, each one with their own unique story to tell.

The transition from the cozy confines of home to the vibrant campus life was nothing short of exhilarating. From making new friends and exploring hidden corners of the campus to attending fascinating lectures and diving headfirst into exciting projects, every day brought with it a new adventure, a new lesson to learn.

But it wasn't just the academic side of things that made my college experience so memorable. Oh no, there was so much more! From late-night study sessions and impromptu pizza parties to cheering on our college sports teams and participating in quirky college events, there was never a dull moment.

And let's not forget about the professors—those brilliant minds who not only imparted knowledge but also inspired us to dream big and reach for the stars. Their passion for teaching and unwavering support made every lecture a joy to attend, turning even the most mundane topics into fascinating adventures.

As I look back on my time at MSRIT, I can't help but feel a wave of nostalgia wash over me. These past few years have been a rollercoaster ride of emotions, filled with ups and downs, twists and turns. But through it all, one thing remains constant—the memories, the friendships, the experiences that I will cherish for a lifetime.

So here's to MSRIT, my home away from home, and to the countless adventures that lie ahead. As I continue on this journey called life, I'll always hold a special place in my heart for the place that shaped me, challenged me, and ultimately, made me who I am today.

"Here I stand, here I stay, let the storm rage on, the cold never bothered me anyway."

These words, inspired by the iconic song "Let It Go," remind me to embrace resilience, stay grounded, and face life's challenges with courage and determination. And as I embark on the next chapter of my life, I'll carry these lessons with me, ready to conquer whatever comes my way.

Cheers to the next chapter, my fellow adventurers—let's make it one for the books!

## The Essence of Connection: Discovering the Beauty in Being Understood



### Anoushka Gupta

USN : 1MS21CI005

Semester : 6<sup>th</sup>

Dept. : CSE (AI & ML)

In the bustling corridors of college life, there's a subtle yet profound beauty in the moments when we feel truly understood. This essence of connection, where our thoughts, feelings, and experiences are recognized and embraced, adds a richness to our journey at MSRIT that goes beyond mere interactions.

At MSRIT, the culture of understanding runs deep. It's in the genuine conversations shared over a cup of coffee, the supportive nods during a challenging lecture, and the reassuring smiles exchanged in passing. These moments may seem small, but they weave a tapestry of belonging and camaraderie that shapes our college experience.

Being understood isn't just about agreement; it's about empathy, validation, and acceptance. It's about having someone see beyond the surface and appreciate the unique blend of strengths and vulnerabilities that make us who we are. In this environment of mutual respect and recognition, students thrive both academically and personally.

The beauty of being understood extends to mental well-being as well. Knowing that there are resources, whether it's counseling services or peer support groups, where students can express their concerns and be met with compassion and understanding, creates a safe space for growth and healing. As we navigate the complexities of college life, let's cherish the essence of connection that binds us together.

Let's continue to cultivate an environment where being understood is not just a fleeting moment but a cherished part of our daily interactions, shaping us into empathetic and resilient individuals."

To the essence of connection, to the beauty of being understood, and to the transformative power of empathy." Cheers to a college experience enriched by authentic connections and meaningful relationships!

## AI Revolution: Will Robots Write Our Next Hit Song?



### Gagan G N

USN : 1MS23CI035

Semester : 2<sup>nd</sup>

Dept. : CSE (AI & ML)

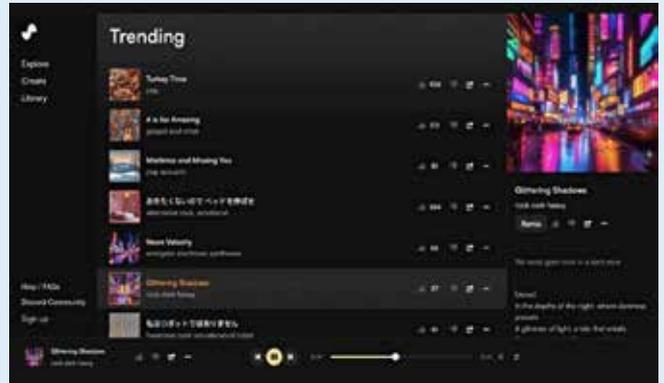
Artificial Intelligence (AI) is causing a revolution in the globe. Artificial intelligence is permeating every aspect of our life, from self-driving cars to medical diagnoses. The world of creativity is not exempt from this change; the power of computers is reshaping music, a language shared by everybody.

Imagine having a tool that could create meaningful lyrics, catchy melodies, and even music that was specifically tailored to your preferred genre. These systems, such as SUNO.ai, enable AI music composition in real life; this is not science fiction. SUNO.ai was established in 2023 with the goal of democratising music composition by a group of 4 enthusiastic musicians and computer scientists. They are Michael Shulman, Georg Kucsko, Martin Camacho and Keenan Frey.



Their studies on computational creativity in music served as the inspiration for the concept. He had an idea for a platform that would allow the enormous potential of AI to be combined with human creativity. The

creation of SUNO.ai required the training of intricate algorithms on a sizable music dataset. The AI was able to pick up on the subtle elements of melody, harmony, rhythm, and even lyric composition thanks to this data, which covered songs from a variety of genres.



The question arises: can AI truly replace human creativity in music composition?

SUNO.ai doesn't aim to do that. Instead, it acts as a powerful collaborator. Musicians, songwriters, and even beginners can utilise SUNO.ai to generate fresh ideas, overcome writer's block, or experiment with different styles. The platform allows users to provide prompts, specify genres, and even adjust the emotional tone of the music.

The AI revolution in music is only getting started. The distinction between human and Machine innovation is becoming more hazy, thanks to platforms like SUNO.ai. One thing is certain: AI is going to be a useful tool in the hands of musicians, influencing the future soundscape, even though some people may question the authenticity of music produced by AI.

**I wish I could share a taste of a SUNO.ai song with you right here, but hey, no worries!** Go to my **LinkedIn profile[GAGAN G N]** where I've been posting some music created with the help of SUNO.ai. Plus, my profile is full of educational content for anyone curious about the exciting world of AI.

## The Game of Kings for Programming



### Gagan G Saralaya

USN : 1MS23CY016

Semester : 1<sup>st</sup>

Dept. : CSE (CS)

At present where technology is everything and everything is fast paced programmers have become increasingly important. As a programmer one must not only learn to write lines of code, it is about solving problems, strategy and being creative. To become a great programmer, it may be front end, back end, software developers, data developers or game developers all have to think about the output of the code before they execute the code. For improving this playing chess is really helpful.

Furthermore, chess helps programmers sharpen the edge on their decision making skills under stress. This aptitude to make rapid decisions while counting multiple variables is immeasurable in programming. As **José Raúl Capablanca** once said “In order to improve your game, you must study the endgame before everything else.”. This holds true for programming as the programmer must always think how the output is going to be while coding.

While playing chess one requires problem-solving, logical reasoning, and strategic thinking which are all the fundamental skills in programming. The game of chess challenges the player to think placing themselves in the opponent’s shoes, they

have to consider various prospects and express effective strategies. By playing chess often programmers can develop a sharper analytical mindset and enrich their ability to think critically. In an accelerated game atmosphere players must make swift and well thought out decisions, with an account of the potential outcomes of each move.

In addition, playing chess propagates patience and determination in programmers. While playing the players need to abide to losing, adapt to altering situations, and maintain focus for long periods. Programming is in the same page as it involves encountering setbacks, refining algorithms, and debugging code all of this requires resilience.

Additionally, chess cultivates creativity and positive metamorphism in programmers. As they have to go through different experiment and strategies and come up with unconventional moves. They unfold a more flexible and imaginative approach to problem solving. This creative perspective can embolden programmers to think blue sky when tackling various coding pitfalls.

To summarize, playing the Game of Kings extends a basketful for programmers, plus enhanced decision making skills, critical thinking, creativity and patience. By incorporating chess into their daily routing, programmers can hone their problem solving abilities, and enhance their analytical skills and as a result become the masters in their field. Chess serves as both a leisure activity and a mental workout, offering programmers a unique opportunity to refine their skills and thrive in the dynamic realm of technology.

## Symphony of Ice and Fire



### RK Lekha Singh

USN : 1MS21CI046  
Semester : 6<sup>th</sup>  
Dept. : CSE (AI&ML)

Fire and ice, a duo grand and strong,  
Where swords are forged and can be wronged.  
Some dread the cold, yet yearn for heat's embrace,  
Embracing either, revealing nature's face.

In icy grasp, the world holds tight,  
While fiery flames paint the world in light.  
With crystal beauty, ice claims the night,  
Yet fiery passion burns with radiant might.

Frozen fingers trace the earth's design,  
As crimson flames rage, fierce and fine.  
To play with hate is a perilous game,  
For balance falters, igniting blame.

Yet in their dance, a strange allure,  
Desire to embrace, impossible to cure.  
In eternal embrace, they find their grace,  
Fire and ice, a cosmic embrace.

A tale of destruction, yet strangely right,  
In their union, harmonizing might.  
A story of old, with lessons told,  
Of balance found in elements bold.

## Bengaluru Water Crisis



### Kotagi Shashank C

USN : 1MS23CI058  
Semester : 2<sup>nd</sup>  
Dept. : CSE (AI&ML)

As all you may be aware of the recent water crisis in Bengaluru which has become one of the most trending topics in the internet and is also gaining a lot of Importance.

The story didn't start just in February but it has a dated back to the year 2023 which had a very less precipitation and also considered to be one of the years with least precipitation. This happened due to El Nino effect which is a naturally occurring climatic change which occurs in every 7 years and hence those years are one of the years with less precipitation. The cause of concern is that these problems prevailed from thousands of years but now has been a part of concern due to its increasing unsuitable effects. According to statistics the El Nino has gained its power within the last 2 decades by more than 22% which has led to increasing drought problems. So, this problem has got a scientific basis. It has gained its power due to the increased rapid urbanisation and also industrialization which is leading to uninterrupted supply of CO2 and other harmful gases and hence deliberate solutions need to be found.

Now as the problem has been started gaining importance and also people living in the areas of Whitefield, Malleswaram, Rajajinagar, etc. have been facing this, the

day isn't far when Bengaluru will face day zero. Day zero is referred to that day when there is complete stoppage of water. The first day zero was experienced by Cape Town, SA in the year 2017 and had marked a significant remainder to the netizens of the world. Unavoided exploitation of the ground water, continuous immigration of people to Bengaluru, overcrowded areas all these lead to the water crisis.

Some of these things may surely help to reduce the problem. It can be segregated into two main groups, one referred to 'short term solutions' and other as 'long term solutions'. Short term solutions basically include reducing the water wastage by using certain preventive measures like applying a challan to the hyped water usages, making use of renewed water, etc. basically the best solution maybe to individualize the water usage bill because we are living in such a constraint society where people literally don't care about each other. People of Bengaluru aren't still aware of the complexity of the problem, still misuse or rather malpractice of water is done on a large scale, so billing the people on the basis of the water they consume in their home may be one of the prominent solutions. Long term solution-oriented fragmentation is what people should adopt. It includes reducing to cutting down of trees, making household rules to reduce water utilization and all other things. The main role to be played by here is the government like reducing the immigration rate, shifting the industries to other cities and also outskirts of the city, having strict rules to the people and as well as the industry level water usages. Also not allowing to build mansions and skyscrapers on the lakes. Government should understand that the problem is going to prevail from now on and it is just a warning signal of which it should be aware of. Same applies to the people.

If all these preventive measures are adopted, then one day we may again surely see again a new City of Lakes....

## Will AI Steal Your Job? The Truth About AI in Software Engineering



### Gagan G N

USN : 1MS23CI035

Semester : 2<sup>nd</sup>

Dept. : CSE (AI & ML)

Suppose you had the ability to design flawless programs, code nonstop, and even learn from your failures as a software engineer. Devin, the first AI software engineer in the world, was developed by Cognition Labs, and he makes that promise. Prior to refining your resumes, however, let's take a closer look at what Devin can and cannot do, and how it can affect your chances as an engineering student today.



### Coding Like a Machine is Devin's Superpower

Devin can be compared to an extremely capable coding helper. In addition to writing code in many languages and comprehending your project's needs, it can also find and correct mistakes. It is comparable to having an industrious collaborator who can produce endless lines of code while you concentrate on the more significant tasks, like creating

the system architecture or handling intricate algorithms.

### Is Devin Going to Take Our Jobs? Historical Analogy

History demonstrates that automation alters employment rather than necessarily eliminating them. Do you recall the old switchboards when people used to connect calls by hand? Those employment disappeared when automatic switching systems were developed. However, new prospects in software development, network engineering, and system maintenance arose.

Devin may also automate monotonous coding jobs, letting programmers concentrate on more creative work, such as coming up with original solutions and taking on challenging issues that call for human judgement and experience.

### The Human Touch: The Importance of Engineers

This is where Devin could run into trouble. It can produce code, but it is unable to comprehend the user's experiences, interact with clients in an effective manner, or predict future trends that could affect the software's design. These elements necessitate a human touch: the capacity to convert concepts into technical requirements, relate to users on an emotional level, and adjust to evolving requirements.

### The Future: Teamwork Is Essential

Collaboration between humans and AI, rather than competition, may hold the key to the future of software engineering. Imagine engineers concentrating on the strategic elements, with Devin taking care of the heavy lifting of the coding. Faster development cycles, more reliable software, and the ability for engineers to explore uncharted territory could all result from this collaboration.

### Well, will Devin take over our jobs?

Most likely not. However, it could alter the nature of your work. Engineering students may acquire the critical thinking and creative problem-solving abilities that will be even more useful in the era of intelligent assistants by embracing AI as a potent tool.

## A Profound Impact that RIT had in my Life



### Dr. K Indira

Designation : Professor

Dept. : ECE

Ramaiah Institute of Technology has had a profound impact on the lives of many people in many ways and on society at large. I am one of those fortunate persons whose life has been deeply impacted by RIT in that it changed my life forever and made me the person that I am today. I and my family owe everything in our lives to this great Institute.

My life long association with RIT started when I joined RIT for my BE in the year 1984, in the first batch of merit quota brought in by Karnataka Govt. I spent glorious 4 years in the hallowed portals of the Institute. I completed my BE in the year 1988 with distinction. I have vivid memories of time spent there in those years.

My association with the Ramaiah's continued. As providence willed it, I got married in the Ramaiah Choultry in the year 1989. My daughters were born in Ramaiah Hospital. And the icing on the cake was when I

became a part of RIT family in the year 1992 when I, after completing my ME, joined RIT as a Lecturer in the year 1992 becoming a part of its family.

I have had a chequered career in RIT and in the course of my long journey I was promoted as Sr Lecturer, Assistant Professor, Associate Professor. Along the way, RIT encouraged me to acquire my PhD, which I got in the year 2012 under the able guidance of Dr Sethu Selvi and was promoted as Professor. RIT entrusted me with lot of responsibilities in these years which I carried out and thanks to the encouragement given by my colleagues, Principal and the Management of RIT. Today RIT is a mammoth Institute with several branches spread out in its sprawling premises. It is a giant in the field of higher

education. It has turned out hundreds of thousands of engineers who are spread out in every corner of the world bringing name and fame to the institute.

RIT has touched our lives in every way, whether it is building our house, educating our daughters abroad and performing their marriage, RIT's stamp is there. It has enriched our lives socially, culturally and economically. It has given me status, position, dignity and respect in the society. I and my family remain indebted to RIT forever. May its effulgence continue to shine brighter forever and may it serve the society in every way. I am mighty proud of long association of over 40 years with the great institute. I have cherished every moment I spent in this temple of learning.

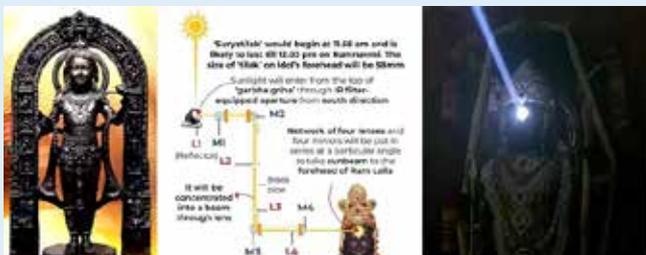
## Engineering Marvel – The Suryatilak



### Dr. S Sethu Selvi

Designation : Professor

Dept. : ECE



Lord Rama is considered as a Pūrṇāvatāra (complete avatar) of God Vishnu. In this avatar, Rama is not supposed to exhibit any of his divine potencies and lead life as a human. As Rama is said to have possessed the following sixteen ideal qualities, he is also revered as Puruṣottama (The ideal

man), Vighrahavān Dharmah (‘Embodiment of Dharma’) and Ādi Puruṣa. (i) guṇavān – has all good qualities (ii) vīryavān – powerful (iii) dharmajna – knower of vedic dharma (iv) kṛtajna – filled with gratitude (v) satya vākya – a truthful person (vi) dhṛḍha vrataḥ – firm in his vows (vii) cāritreṇa – follows vedic customs (viii) sarva bhūteṣu ko hitaḥ – benefits all (ix) vidvān – learned (x) samartha – can execute anything (xi) priya darśanaḥ – pleasing to look at (xii) ātmavān – self-controlled (xiii) jita krodho – controlled anger (xiv) dyutimān – splendid (xv) anasūyakaḥ – non-envious (xvi) bibhyati devān – Devas fear Him in respect. Ram Mandir in Ayodhya is built to commemorate the birth of Rama at his Janmasthan (birth place). Therefore, the presiding deity of the temple is the infant form of Rama and referred to as Ram Lalla (‘Child Rama’) by Tulsidas.

**The deity:** The 51-inch idol of Lord Ram has the 10 avatars or incarnations of Lord Vishnu (i) Matsya (fish) (ii) Kurma (turtle)

(iii) Varaha (boar) (iv) Narasimha (half-man & half-lion) (v) Vamana (dwarf) (vi) Parashurama (warrior) (vii) Rama (king of Ayodhya) (viii) Krishna (Vishnu as a God) (ix) Buddha (founder of Buddhism) (x) Kalki (the next step in evolution) crafted on the side pillars. 51 inches is the approximate height of a five-year-old at that time (when Rama was 5-year-old). The idol is made from Krishna Shila (dark) or black schist stone which is common in Hegadadevana Kote and Mysore. This is in keeping with how Lord Ram has been described in the scriptures. This portrays the deity as a five-year-old child standing on a lotus also crafted from the same stone. This stone has a black look and is named "Krishna Shila" (black shaligram stone) as it is the same colour as that of Lord Krishna. This adds to the divine aura and sanctity surrounding the idol. Worshipping a shaligram is considered a great blessing, bringing spiritual growth, protection from negative energies, and good fortune. Since calcite makes up the majority of the stone, sculptors can easily sculpt complicated patterns with it. Renowned sculptor 31-year old Arun Yogiraj, born in Gujgegowdanapura chiselled this idol in about 6 months. The 200-kg idol depicts Lord Ram as a five-year-old youngster standing and grinning gently. It represents the endearing qualities of innocence, purity, and playfulness. As a child's curiosity and wonder are boundless, so is the love and devotion that devotees shower upon Ram Lalla. The child-like form also symbolizes the divine and eternal nature of Lord Rama, reminding us of his role as the ultimate embodiment of compassion, wisdom, and divine love. The stone has a delicate texture when it is first quarried and gets harder over the course of two to three years. This stone is 2.5 billion years old and is highly durable and resistant to climatic variations and would sustain for thousands of years in this subtropical zone with minimum maintenance. Most of these rocks were formed when molten lava cooled down after the origin of the earth and is a

very hard material. The rock is dated to the pre-Cambrian era, which is about four billion years ago and earth is estimated to have originated 4.5 billion years ago. The black granite rock of the idol has seen at least half or more of earth's history. The rock is massive, melanocratic and uniform in colour (soap stone). The stone is fine-grained, hard, compact and has high compressive strength, tensile strength, bending strength, breaking strength and elasticity. The rock also possesses high density, low porosity and water absorption with high P wave velocity and is devoid of any internal cracks and fractures. The stone does not absorb water or react with carbon and the rock's qualities make it amenable for any kind of carving. This stone was found while levelling the agricultural land of Ramdas and a local contractor. The making of the idol includes sculpturing the desired pattern on the stone and then carving it with different-sized chisels and hammers to achieve fine details. In the scriptures, Lord Ram's eyes have been described as lotus eyes and the sculptor conformed to that description in designing the eyes of the deity. The idol has a height of 4.24 feet and width of 3 feet. Due to the lotus and the halo, the idol has a total height of 7 feet when measured from the ground. The idol has 14 jewellery pieces including mukut (crown), tilak (anointment on the forehead), emerald and ruby rings, short round necklace, panchlada (5-layered necklace), kamar and baju bandh (waist and arm belt), kangan (bangle), pag kada (ankle band) totalling to 18567 round diamonds, 2984 rubies, 615 emeralds, and 439 uncut diamonds. The 1.7kg gold mukut has 75 carats of diamonds, 135 carats of Zambian emeralds and 262 carats rubies. The forehead is adorned with silver and red tilak. The idol is heavily jewelled to reflect the royal trait of Lord Ram. The idol's beauty is further enhanced by the golden bow and arrow which represents Rama's strength, valor, and his role as the protector of dharma.

**Surya Tilak:** The placement of the idol within the temple is no mere coincidence, but a divine alignment. This traditional ritual, symbolising the blessings of the Sun God, used advanced technology to focus sunlight precisely onto the idol's forehead at noon. Surya Abhishek - Surya (Sun) and Abhishek (a purifying ritual) is an adorable and fascinating phenomenon combining optics and mechanics. The Sun's rays are directed to illuminate the forehead of Lord Ram, displaying the power of extreme devotion and worship. The Suryatilak phenomenon happens at exactly 12.00 noon on Rama Navami and lasts for two to two-and-a-half minutes. This system with its high quality mirrors and lenses precisely directs the sun's rays onto the deity's forehead at the designated time. This consists of a gearbox fitted with reflective mirrors and lenses which reflects sun's rays from the third floor near the shikara (tower above the sanctum) into the garbagriha (sanctum sanctorum). These components are made of brass and bronze for their durability and corrosion resistance. The gearbox is meticulously engineered to align with the lunar calendar, ensuring that the sun is accurately positioned on the deity's forehead on Rama Navami each year. To prevent excessive heat, the system incorporates an infrared filter made from a heat-absorbing material. This filter, positioned at the aperture, that is, opening on the first floor to allow sunlight to enter the sanctum sanctorum, blocks or deflects high-energy rays that could otherwise heat the idol. Once sunlight passes through the infrared filter, a combination of four lenses and four mirrors, placed at specific angles within brass pipes, converge the rays into a single beam that falls on the forehead of the idol. To prevent light from scattering, the inner surfaces of the pipes, elbows, and joints are coated with black powder. The entire system operates without batteries or electronics and ensures its longevity, that is, slight adjustments over time will keep it functional for years to come. According to

Hindu mythology, Ram Navami signifies the triumph of good over evil and righteousness over injustice. "This Surya Tilak will illuminate every resolution of developed India with its divine energy in the same way" - PM Narendra Modi in a post on X and mentioned this as a moment of bliss. The rich tapestry of Indian temple architecture continues to amaze with its ability to blend tradition with science, creating a visually stunning and spiritually significant experience for devotees.

The Indian Institute of Astrophysics (IIA), Bengaluru has played a crucial role in this project. The team carried out calculations of the Sun's position, designed and optimized the optical system and integrated the system at the site with accurate alignment. The scientific design is based on the principles of periscope and the system is installed at a specific place based on the temple architecture. This concept was manufactured by Optica, Bengaluru and Central Building Research Institute (CBRI) implemented the opto-mechanical system at the temple. The real challenge is that the English calendar date of Ram Navami changes every year as it follows the Lunar calendar, resulting in the change of Sun's position every year. Detailed analysis prove that English calendar date of Rama Navami repeats every 19 years. An expertise in astronomy is required to calculate Sun's position on these days, which was provided by a team from IIA. The team estimated the size, shape and location of the mirrors and the lenses for sufficient light to fall on the deity for 6 minutes. Finally, sunlight adorned the deity's forehead with a circular tilak of size 60mm.

There is a verse in the Vishnu Sahasranamam, where Parvati asks Shiva how to get the entire benefit of chanting the 1000 names of Vishnu (Sahasranamam). Shiva replies:

## श्री राम राम रामेति रामे मनोरमे !! सहस्रनाम तत्तुल्यं श्री राम नाम वरानने !!

It means that chanting the above verse just thrice is equivalent to chanting the entire sahasranamam. None of the other nine avatars of Vishnu, nor any other deity's name have such power except that of Sri Rama. We should learn from the emotional appeal of Rama's struggles and how bravely he dealt with them. Lord Rama was —

- A dutiful son who loved his parents enough to honour their wish
- A son, who did not hold any grudge against his stepmother and father for sending him to the forest

- A brother who loved his younger brothers dearly and unconditionally
- A Maryada Purushottam who showed by example how a man should lead his life
- A devoted husband, who strictly observed eka patni vrata
- A great friend to Sugriva
- A dharmic and just ruler who set the ideal of Ram Rajya that is synonymous with good governance even in Kaliyuga

## The Blackwell B200 GPU - Revolutionizing AI Computing



### Rohit Shailesh

USN : 1MS20EE043

Semester : 8<sup>th</sup>

Dept. : EEE

NVIDIA's latest offering, the Blackwell B200 GPU, isn't just a chip, it's a revolution in artificial intelligence computing. Launched in March 2024, this marvel of engineering boasts unprecedented processing power, ushering in a new era of AI innovation.

At the heart of the B200 lies a staggering 208 billion transistors, dwarfing its predecessors. This immense density translates to raw processing muscle. Benchmarks suggest a 30x speed increase for specific AI tasks compared to previous generations. Imagine the difference between a bicycle and a Formula One car — that's the gigantic leap the B200 brings to AI processing.

The Blackwell GPU provides up to 25 times less cost and energy consumption for running real-time generative AI on trillion-parameter large language models, making it a more efficient option for AI applications.

But raw power isn't the whole story. The B200 is built on a custom 4nm N4P process technology from TSMC, optimized for efficiency. A key innovation is the 10 terabytes per second chip-to-chip link, allowing two B200 dies to function as a single, unified powerhouse. Think of it as having two supercomputers working in perfect harmony.

Major tech organizations such as Amazon Web Services, Google, Microsoft, and others are expected to adopt the Blackwell platform, highlighting its potential impact on accelerating AI research and applications. The platform's capabilities not only enhance performance but also aim to reduce costs and energy consumption significantly.

Unlike traditional GPUs for gaming, the B200 is purpose-built for AI. At its core lies a second-generation Transformer Engine, a specialized processor specifically designed

to handle the complex calculations required for advanced AI tasks. Traditional GPUs excel at rendering graphics, but they struggle with the intricate computations needed for tasks like natural language processing and image recognition. The Transformer Engine, on the other hand, is like a finely tuned race car built for the demanding track of AI.

One of the key features of the Transformer Engine is its support for micro-tensor scaling. Imagine a complex AI model as a massive jigsaw puzzle. Traditional GPUs would try to handle the entire puzzle at once, which can be inefficient. The Transformer Engine breaks down the puzzle into smaller, more manageable pieces (micro-tensors) and processes them efficiently. This allows the B200 to tackle even the most intricate AI models with ease.

Furthermore, the Blackwell B200 GPU is not just limited to traditional AI applications; it also has the potential to drive advancements in other fields such as scientific research and climate modeling. Its immense processing power and efficiency make it an ideal candidate for handling complex simulations and data analysis tasks that were previously computationally prohibitive. This opens up new possibilities for researchers and scientists, enabling them to tackle some of the most pressing challenges facing humanity, from understanding the intricacies of the human brain to predicting and mitigating the effects of climate change.

The B200 marks a significant leap in AI computing, and it's only the beginning. As this technology evolves, it will continue to unlock possibilities across various industries, from accelerating scientific breakthroughs to revolutionizing entertainment experiences. The NVIDIA Blackwell B200 isn't just a chip, it's a forerunner of the exciting future powered by artificial intelligence, and it will be fascinating to see how it shapes the world in the years to come.

## Why Indian Airlines Fail?



### Sakshi Agarwala

USN : 1MS21EIO46

Semester : 6<sup>th</sup>

Dept. : EIE

#### Introduction:

India's domestic air passenger traffic reached a record high in 2023, with approximately 450,000 people flying domestically on April 30, 2023. The aviation ministry stated that this marked a full recovery from the impact of Covid-19, surpassing pre-pandemic peaks. Data compiled by aviation analytics firm Network Thoughts estimated the domestic air traffic in 2023 to be at an all-time high of 15.2 crore passengers, surpassing the previous record of 14.4 crore passengers in 2019.

India is currently positioned to become the region's fastest-growing aviation market over a period of 20 years. However, some Indian airlines are grappling with challenges. In May of the previous year, Go First, formerly known as Go Air, filed for bankruptcy. Surprisingly, just a year earlier, Go First was expanding its operations, acquiring new aircraft, and preparing for its IPO. Despite maintaining low operating and maintenance costs and having a 10% market share, Go First found itself joining the list of now-defunct carriers, including Air Deccan, Air Sahara, Kingfisher Airlines, Air Pegasus, and Jet Airways .

#### Go First's Failure:

According to the company's official statement, the suspensions occurred due to

engine failures. However, was engine failure the sole reason for the company's demise? Understanding the airline's operations reveals that Go First, owned by the Wadia Family since 2005, leased aircraft from Airbus and sourced engines from Pratt and Whitney. The problems escalated when Pratt and Whitney's engines started failing. By 2021, they had grounded around 30% of their aircraft, and by 2023, the number rose to 50%. In contrast, its rival, IndiGo, faced a similar issue but promptly changed its engine supplier to CFM International and sought compensation from Pratt and Whitney.

Go First also grappled with management issues. In 2021, its head, Jai Wadia, resigned from the role of MD, and in 2022, the company lost its CFO, airport services, and several senior executives, leading to a decline in customer service quality and subsequent financial losses. Go First incurred a loss of 1800 crores in 2022.

### **In General, Why Do Airlines Fail?**

One of the most notable examples is Kingfisher Airlines, founded by Vijay Mallya in 2005. This airline saw a boom in a very short time and created a reputation for being a WORLD CLASS AIRLINE. It became popular among business-class travelers. By 2008 it also launched its international operations. Along with 250 daily flights, it had a 26% domestic market share. The strong start led to an impressive Skytrax rating of five stars when it came to customer service.

Despite rapid growth and a reputation for being a world-class airline, it faced accumulated losses of over \$880 million within seven years. The primary reasons included poor governance, a flawed strategy of starting as a premium business-class airline, and the impact of the 2008 global recession, leading to increased fuel prices.

#### **1. Governance and Strategic Decisions:**

Kingfisher Airlines faced challenges due to inadequate governance and an unsustainable strategy. Initially launched as a premium,

business-class airline, the company's balance sheet didn't align with its strong reputation. To address this, a merger with Air Deccan took place, segregating operations between the mainline and Kingfisher Red (formerly Air Deccan), focusing on low-cost services. The fleet included 24 A320s, eight A321s, and 27 ATR 72 regional units, aiming to capture middle-class travelers.

The onset of the global recession in 2008 intensified the airline's problems as fuel prices surged. In September 2011, Kingfisher disclosed substantial losses and eroded net worth to the Bombay Stock Exchange (BSE). To offset losses, they raised prices for their budget airline, Kingfisher Red. However, a year later, operations of Kingfisher Red were halted. The leadership turmoil worsened as ex-CEO Alex Wilcox served for only two months, leaving the airline without a CEO for five years. Operated according to Vijay Mallya's wishes, the airline faced accusations, and in February 2012, received a notice from the Airports Authority of India for dues of \$32 million. On October 20th, the Directorate General of Civil Aviation (DGCA) suspended Kingfisher's license until a concrete revival plan ensuring safe, reliable, efficient, and sustainable scheduled air transport services was submitted.

Air India encountered a similar governance problem, making poor decisions like ordering 111 Boeings instead of the planned 10 Airbuses. This decision was influenced by negotiations with the USA on a nuclear deal, further straining the airline's finances. The substantial aircraft order exacerbated the financial challenges, reflecting a governance structure that failed to make sound strategic decisions.

#### **2. India's Unique Aviation Market:**

Governance is not only the reason behind airline failures, another reason is India's Unique Aviation Market. The low-cost airline Air Deccan was sold to Kingfisher Group despite them having a market share of 22%. Its operational cost increased, which couldn't be compensated by the consumers

because their prices were low along with the increasing competition.

The success of low-cost airlines in India is primarily attributed to their ability to offer affordable fares. Indian consumers exhibit high price sensitivity, preventing companies from adjusting prices in line with operational costs. This scenario creates a complex environment for airlines, where maintaining profitability requires a delicate balance between cost management and meeting consumer expectations. In 2022, Indigo experienced the impact of this market dynamic, incurring a substantial loss of Rs. 1,681.8 crores.

### **3. High Operational Costs - ATF Challenges:**

A critical challenge faced by airlines is the consumer's demand for cheaper tickets, while the airline's costs are influenced by several factors, one of the most significant being oil. Specifically, for Indian domestic airlines, aviation turbine fuel (ATF) stands out as the world's most expensive. However, the complexity of ATF taxation exacerbates the situation, as it operates outside the GST network, leading to non-uniform state taxes.

Currently, ATF is subject to an excise duty of around 11% imposed by the central government, along with varying state-level value-added taxes. This discrepancy is evident even within states, exemplified by Maharashtra, where the VAT on ATF is 25% in Mumbai and Pune, but only 5% at other airports. This variation from airport to airport contributes to the changing costs for airlines.

According to Niti Aayog, the cost of aviation fuel in India could be up to 60% higher compared to prices in ASEAN and Middle East countries, primarily due to high central and state taxes. Globally, ATF constitutes 30% of an airline's operational cost, whereas in India, this figure rises to 45%. Given these complications and recognizing potential benefits, many airlines are urging the government to include ATF under the GST system.

### **4. Indian Rupee Exchange Rate:**

One of the other major issues is the Indian Rupee Exchange Rate. Many airlines rent from foreign manufacturers and these rental agreements are in dollars. So if the valuation of the rupee is decreasing, an airline keeps getting money in rupees but the Airbus and Boeing have to be paid in dollars.

### **5. Lack of Government Bailouts:**

Unlike many other countries where governments have provided financial assistance to airlines post-pandemic, the Indian government has not pursued such bailouts due to trust issues with the airlines.

### **6. External Factors:**

Geopolitical issues, such as fluctuations in crude oil prices due to tensions between countries, impact the operational costs of airlines.

### **Conclusion:**

Apart from all these issues India's aviation market is booming. India is currently the third-largest domestic aviation market and contributes around 5% to the GDP. As people's income increases, so will the demand for aviation. Apart from the increasing middle class, the Indian government is also promoting the aviation sector. In 2016, the government announced the National Aviation Policy. Apart from this the Indian government also announced a new policy called Udan that subsidizes some routes to improve connectivity to smaller cities.

While the Indian aviation sector faces challenges, addressing issues such as high operational costs, governance structures, and strategic decisions can contribute to the sustainability of airlines. The government's role in implementing reforms, including GST on ATF, can further support the industry's growth. The aviation sector's importance to overall development calls for a balanced approach, combining industry initiatives and government support.

## Childhood



### Pranav S Srirampur

USN : 1MS18IM032

Semester : Alumni Article

Dept. : IEM

When we used to get up late,  
No tension, no fear, no commitments  
Never cared which day was it or the date.  
Just knew about the sun rise and set

All I ever did was watch television, play  
With building blocks and playing outside  
with friends  
Now I am uncertain about my future  
Now I keep stumbling to find a way  
To bring back my childhood days.

Used to listen to the teachers,  
With white chalks on a slate,  
To playing sports to skipping classes  
Now I keep stumbling to find a way  
To bring back my childhood days.

Inside the park, playing on the swings,  
To go do down the slide,  
Having petty fights for unnecessary things  
Were so carefree

From having our own lunches to sitting with  
friends  
To eating snacks without the teachers  
noticing

Now I keep stumbling to find a way  
To bring back my childhood days.

Though it's impossible, I'd like to try  
To pause in what I am doing now  
Try to go down in the past and relieve it fully.  
To be that naughty kid once again,  
To live that good life once again  
Now I keep stumbling to find a way  
To bring back my childhood days.

## Death

Life is all about living and dying  
Life is incomplete without the two  
Death is nobody  
Does not tally  
Death has slipped away into the next phase  
Like nothing has happened.

Everything will go back to its original state.  
I am I, and you are you,  
and the ancient life that we lived so warmly  
together is unharmed, untouched.  
Whatever we were to individually, that will  
remain.

Call me like you used to just like old times  
Speak of me in the relaxed way which you  
always used.  
Put no change into your attitude  
Show no sorrow.

Laugh as we always laughed at the lame  
jokes that we relished together  
Wherever we used to go together, always  
remember I will be at your side  
Let my name ring in your ears  
Let it be vocalized without any struggle,  
lacking the ghost of a shadow upon it.

Life is nothing short of fun and adventures  
 It is the same as it was before  
 There is complete and continuous continuity  
 What is this death?

Why should I be out of anyone's mind  
 because I am out of sight?

I am but waiting up for you, at the same  
 place,

All is well.

Nobody is hurt; nothing is lost.

One brief moment and all will be like before.

We shall laugh the same way until we meet  
 again!

## The Lantern that Calms Voyage Tremors



### Varun Gowda

USN : 1MS22EI05

Semester : 3<sup>rd</sup>

Dept. : EIE



Amidst the Ocean's vast expanse, he hoists  
 the sail alone, With a lantern's glow, his  
 guiding beacon brightly shone.

It's radiant light, a brilliant, steadfast hue,  
 In the murkiness of night, a promise to see  
 him through.

As the waves rise and fall, a mesmerizing  
 sight, His weary eyes blink, in the lantern's  
 intense light.

A companion on his journey, through night's  
 darkened veil, With the lantern by his side,  
 his courage will not fail.

Heart quivers 'midst the tranquil expanse  
 so wide, Where waves whisper tales of the  
 ocean's tide.

In the lantern's gentle cradle, courage takes  
 its stand,

As he wields the brush of hope across the  
 night's mystic land.

## O' what a Bliss it is to be in Solitude



Chaos all around muddle up the mind  
 Unable to move and I'm left behind  
 When isolated, "he" audits all the chatters  
 And rationalizes the past matters....

O' What a bliss it is to be in solitude  
 Enjoying one's own company  
 None to judge nor hurt the self  
 I remain the spotlight here.....

O' What a bliss it is to be in solitude  
 Understanding the self's need  
 Working on it to strengthen the self  
 And I see the heart's contentment...

O' What a bliss it is to be in solitude  
 Sitting alone with Eyes closed  
 Heeding to the healing music  
 Elevates me to the yonder sky...

## A Dreamer's Journey Through the Night



O' what a tiring Tuesday  
 Dusked with Weariness  
 And I lay on the couch  
 Taking a chill pill  
 On the spur of the moment

And I roll out in the world of fantasy  
 How did I arrive here?

Remains a mysterious  
 quest I continue the journey  
 ahead

A charnel house awaits me  
 An after the storm scene seen  
 Heart pulsates with an urge to desert  
 A train ready to depart from a noticeable  
 distance

O' My legs couldn't run faster than it should  
 Ears alarmed by the train's whistle  
 Running out of spirit  
 And I hit the deck and slip

Alas, a vessel bangs the kitchen ground  
 Waking up on the couch without seeing the  
 climax  
 'tis 600 times my watch ticked though  
 seems like an hour  
 And I sleep yearning for the dream to  
 continue...

## Ardhanaari



### Bhuvaneshwari M J

USN : 1MS22BA22017

Semester : 4<sup>th</sup>

Dept. : MBA

Congrats, you are blessed with a baby boy!  
 Society called him 'the gem'  
 But this changed after years  
 He was kicked out of his home  
 Just because he wasn't he  
 What's wrong with him being her?

This isn't change  
 This is them being themselves  
 This was how they were created  
 The makeup they apply  
 The clothes they put on  
 Is just to reflect physically what they are.

Yes, the third gender exists  
 Let them celebrate their lives like we do  
 Stop calling them by filthy names  
 'Mangalamukhi' is the name given to them.  
 While you can worship 'Ardhanareshwara'  
 At least respect 'Ardhanaari'.

## The Survivor

She was everyone's dream  
 Her life was colourful and beautiful  
 Any flaws? never think of it  
 Still I feel there was nothing special  
 you will know why.

There came a day which nobody wanted  
 Her face was burnt  
 Everybody told she is no more a dream  
 Yes, she replied  
 She is a step above now  
 She is a hope

The hope of survival  
 Now being her takes everything  
 She is special now  
 She is free like air  
 She still has the same dream of modelling

Amongst the ugly hearts  
 She still wakes up  
 Puts on her lipstick  
 Walking towards her dream  
 Yes, she is not a victim but the survivor.

She never covers her face with a dupatta  
 Nobody, I bet nobody can stop her now  
 Because she knows how to survive  
 Being a hope  
 And she never said "I wish I looked like  
 before".

## Chasing Dreams



### Syeda Afiya Tasneem

USN : 1MS22MC050

Semester : 4<sup>th</sup>

Dept. : MCA

Who am I, you ask, in this vast space?  
 To obtain me, your head knocks, your body  
 shuffles pace.  
 To get me, you brave storms, endure strife,  
 To earn me, you journey through the trials  
 of life.

To come to me, you traverse all stages,  
 To reach me, you walk on sharp edges.  
 You strive so hard, your soul in flight,  
 To discover yourself, you seek me in the  
 night.

After reaching to me, your soul will twinkle  
 bright,  
 For I am the dream, the most remarkable  
 light.  
 I am elusive, yet I'm there to find,  
 A true treasure, a celebration, the joy in your  
 mind.

For I am the dream, I am the goal,  
 I am the destination that makes your spirit  
 whole.  
 I am the journey, the path, the quest,  
 I am the dream, and I am the best.

## Rise Beyond the Horizon

In the halls of learning, we tread,  
 With dreams and hopes ahead.  
 Though exams may seem a daunting sight,  
 We'll shine our brightest, with all our might.

Through sleepless nights and days of toil,  
 We'll nurture our dreams, we'll till the soil.  
 For each challenge met, each hurdle crossed,  
 Brings us closer to the dreams embossed.

With friendship's bond and spirits high,  
 We'll reach for the stars, we'll touch the sky.  
 So let's believe in ourselves, let's hold the  
 key,  
 To unlock the doors of possibility.

In the journey of exams, let's find delight,  
 For in the struggle, we'll take flight.  
 With sweet determination and inspiring  
 grace,  
 We'll conquer the exams, and win the race

All the best, best wishes from your friend  
 Syeda Afiya,  
 Together, we'll overcome, with our spirits  
 alight.

## The Echoes of Despair



### Ashutosh Sharma

USN : 1MS20ME175

Semester : 8<sup>th</sup>

Dept. : Mechanical Engineering

In the heart of darkness, where shadows  
 prance,  
 A tale of glory and tragedy unfolds.  
 A soul consumed by inner turmoil's trance,  
 In a province where nothing truly holds.

A knight once noble, now lost in despair,  
 His sword stained with blood; his heart heavy  
 with guilt.  
 He wanders alone, burdened by the weight  
 he bears,  
 Haunted by memories he cannot wilt.

The echoes of battles ring in his ears,  
 The screams of the fallen, the cries of the  
 slain.  
 He fights for a cause that no longer appears,  
 Lost in a world where all efforts are in vain.

Suspense hangs heavy in the air around him,  
 As he searches for meaning in a life devoid  
 of light.  
 But all he finds is emptiness within,  
 A void that swallows him whole, consuming  
 him with fright.

His once proud armour now tarnished and  
 worn,  
 His spirit broken, his will to fight fading fast.

He knows that soon he will be torn,  
As time plucks the pin, an impending blast.

And so, he stands on the edge of despair,  
Gazing into the abyss with eyes hollow and cold.

Amidst the aggregates of visages that stare,  
There is no honour left to hold.

The tragedy of his existence weighs heavy  
on his soul,  
As he realises that all is but a fleeting dream.  
And in the end, when death takes its toll,  
Nothing remains but an endless stream.

Of darkness and despair, of pain and sorrow,  
In a world devoid of meaning or worth.  
Where honour, today, is an illusion to borrow,  
And life itself is nothing but a curse.

## Ramaiah's Arbor: Where Dreams Take Flight



### Nayan M Rajannavar

USN : 1MS22ME407

Semester : 6<sup>th</sup>

Dept. : Mechanical Engineering

1. In Bangalore's warm embrace, where  
wisdom's tree doth rise,  
Rooted in rich tradition, 'neath the Indian  
skies.  
Its limbs aspire to heavens, where youthful  
dreams take flight,  
Cradling the eager minds, in pursuit of  
light.

2. The golden orb of thought doth kiss each  
verdant leaf,

Where scholars, bold and bright, shed the  
cloak of disbelief.

Success, like ripened fruit, in splendor  
doth appear,

Plucked by those who dare to dream, and  
hold their futures dear.

3. Here stands Ramaiah's vision, in these  
gardens of the mind,

A legacy of learning, for all of humankind.  
In this fortress of enlightenment, where  
intellects refine,

The spirit of Ramaiah, through the ages,  
doth shine.

## Nature-Mother and Destroyer



### Yashasvi Aluru

USN : 1MS21ME130

Semester : 5<sup>th</sup>

Dept. : Mechanical Engineering

You start on it; you end on it

Whatever you do stays on it

You have the control over its presence but it  
has the control over all our existence

Your shiny little eyes, are blossoms of the  
spring

Your cry is the storm of the sea

Your happiness the wind, your sorrow the  
heat

All in all, it is just you in all her pride

Only two things have the power to give birth,  
 A women and mother nature.  
 You pray to them, you are fed;  
 You trouble them and that's the end  
 If she says no, just surrender;  
 You wouldn't dare to glimpse the volcano  
 within her

She funds your deep pockets, a percent of  
 greed;  
 And the only thing that is remnant;  
 destruction

With the weather as her emotions and  
 calamities as action;  
 After all it is mothers love to the children  
 living in her

## Fostering a Growth Mindset: The Essential Ingredient for Attaining Academic Triumph



### Dr. Budaraju Dhananjay

Designation : Assistant Professor

Dept. : ML

In the journey of academic pursuits, it's not just intelligence or innate talent that plays a pivotal role; rather, it's the mindset that students bring to the table that often makes the crucial difference. Enter the concept of a "growth mindset," a transformative perspective that has the potential to reshape the way students approach learning and, consequently, impact their academic success.

## Understanding the Growth Mindset

Psychologist Carol Dweck is credited with coining the term "growth mindset," which refers to the belief that skills and intelligence can be developed through commitment, hard work, and resilience. This mindset is opposed to a fixed mindset, where individuals believe their abilities are innate and cannot be changed. Embracing a growth mindset involves seeing challenges as chances for growth, recognizing that effort leads to mastery, and persevering in the face of obstacles.

## Impact on Academic Success

The influence of a growth mindset on academic success is significant. Students who possess a growth mindset tend to welcome challenges, see failures as chances to grow, and persevere in overcoming obstacles. This mindset cultivates a passion for learning and resilience, key attributes that greatly enhance academic performance.

A wealth of research has consistently indicated that students who adopt a growth mindset consistently outshine their counterparts who possess a fixed mindset. This advantage arises not only from their greater inclination to embrace challenging tasks but also from their positive outlook towards learning and their firm conviction in their potential for improvement.

## Tips for Developing a Growth Mindset

- 1. Embrace Challenges:** Instead of shying away from difficult tasks, view them as opportunities to grow. Challenges are stepping stones to improvement. When faced with a tough assignment or a complex problem, remind yourself that this is a chance to enhance your skills.
- 2. Learn from Criticism:** Constructive criticism is a valuable tool for growth.

Rather than taking feedback personally, see it as guidance for improvement. Understand that feedback is not a reflection of your abilities but a roadmap for enhancement.

**3. Celebrate Effort, Not Just Results:** Shift your focus from end results to the effort invested. Acknowledge the hard work you put into your studies and recognize that progress is a journey. Small steps forward contribute to significant achievements over time.

In conclusion, the adoption of a growth mindset is a game-changer for students aiming for academic success. By cultivating this mindset, individuals not only unlock their true learning potential but also build the resilience and determination needed to navigate the challenges of education. So, the next time you face an academic hurdle, remember: it's not about where you start but how far you are willing to go.

## Nurturing Minds: The Vitality of Mental Health Awareness Among College Students



### Dr. M. Lakshminarayana

Designation : Assistant Professor

Dept. : ML

In the vibrant tapestry of college life, amidst the hustle of lectures, assignments, and social gatherings, there exists a silent but significant aspect that often goes unnoticed: mental health. As young adults navigate the maze of academia and personal growth,

fostering mental well-being becomes paramount for a fulfilling college experience.

### Understanding the Challenges:

College life, with its myriad of opportunities and challenges, can sometimes serve as a breeding ground for stress, anxiety, and other mental health issues. The pressure to excel academically, coupled with social expectations and the transition to independence, can weigh heavily on the shoulders of students. Moreover, factors like homesickness, financial constraints, and relationship issues further add to the complexity of their mental landscape.

### Breaking the Stigma:

Despite the growing awareness surrounding mental health, stigma still shrouds many campuses, preventing students from seeking the help they need. The fear of being labeled as "weak" or "incapable" often leads individuals to suffer in silence, exacerbating their struggles. It's imperative to cultivate an environment of openness and acceptance, where students feel comfortable discussing their mental health concerns without fear of judgment.

### Promoting Awareness and Support:

Colleges play a pivotal role in promoting mental health awareness and providing support systems for their students. Initiatives such as workshops, seminars, and counseling services can equip students with coping mechanisms and resources to manage their mental well-being effectively. Additionally, creating student-led support groups and peer mentoring programs fosters a sense of community and solidarity among those grappling with similar challenges.

### Embracing Self-Care:

Encouraging students to prioritize self-care is fundamental in nurturing their mental

health. Simple practices like mindfulness, regular exercise, adequate sleep, and healthy eating habits can significantly impact overall well-being. Moreover, fostering hobbies and interests outside of academics enables students to find joy and fulfillment beyond the confines of their classrooms.

### **Conclusion:**

As we traverse the corridors of academia, let us remember that mental health is not a luxury but a necessity. By fostering a culture of awareness, acceptance, and support, colleges can empower students to navigate life's challenges with resilience and grace. Let us champion the cause of mental health in coping with our life stresses, in realizing our abilities and in contributing to society, for in nurturing our minds, we sow the seeds of a brighter, healthier future.

## **Embracing Environmental Conservation: A Call to Action**

In a world marked by rapid industrialization and technological advancement, the preservation of our environment often takes a backseat. However, the consequences of neglecting our natural surroundings are becoming increasingly apparent, urging us to reconsider our priorities and take proactive steps towards conservation.

### **The Significance of Environmental Conservation**

The environment is not just a backdrop to human existence; it is the very foundation upon which life thrives. From the air we breathe to the water we drink and the food we eat, every aspect of our existence is intricately linked to the health of our planet. Yet, human activities such as deforestation,

pollution, and habitat destruction continue to degrade our environment at an alarming rate.

### **The Impact of Environmental Degradation**

We have destroyed lakes, we have denuded our forests, we have built concrete jungles, we have destroyed our flora and fauna and we have degraded our environment.

The repercussions of environmental degradation are far-reaching and profound. Climate change, biodiversity loss, and natural disasters are just a few of the consequences we face as a result of our unsustainable practices. Moreover, marginalized communities and future generations bear the brunt of these impacts, exacerbating social inequalities and threatening global stability.

### **A Call to Action**

Despite the daunting challenges we face, there is still hope for a sustainable future. By embracing environmental conservation as a collective responsibility, we can work towards mitigating the adverse effects of climate change and preserving the integrity of our ecosystems. This calls for a multi-faceted approach that includes policy reforms, technological innovation, and individual action.

### **Individual Contributions**

Each one of us has a role to play in safeguarding the environment. Whether it's reducing our carbon footprint, adopting eco-friendly practices, or advocating for environmental justice, small actions can collectively make a significant difference. By raising awareness and fostering a culture of sustainability, we can inspire positive change within our communities and beyond.

## Conclusion

As stewards of the planet, it is our moral imperative to prioritize environmental conservation and protect the natural world for future generations. By embracing sustainable practices and advocating for environmental justice, we can pave the way for a more resilient and equitable society. Let us heed the call to action and work together towards a brighter, greener future for all. **If we do not act now and try all that to reduce the damages we have brought on ourselves, we are in for a long haul.**

## The Pursuit of Solace



### Shivanjali B Rao

USN : 1MS21MD037

Semester : 6<sup>th</sup>

Dept. : ML

As I sit here on the precipice of my thoughts,  
There is only one thing I can see:  
An image that reminds me of serenity,  
And a world full of prosperity and glee.

And then the lightning strikes,  
Right through the grayest skies of sorrow,  
My world shatters into a million pieces,  
There was only so much solace I could borrow.

Look, there's a path paved in my misery,  
Despite the pain, I tread,  
Each broken dream reminds me of the ecstasy,  
And every tear I shed.

Lest we forget, move on, forgive, and stride,  
This is the way it will ever be,  
For now, I arise and live again,  
To find the one to relive this pain - me.

## An Entrancing Epiphany



### Dr. V Anandi

Designation : Associate Professor

Dept. : ECE

One day, when the world was far too hazy  
and I yearned for clarity  
I looked up at the frivolous trees,  
whispering amongst themselves with  
zealous breeze,  
my forlorn eyes asked,  
"What is the purpose of life?"

They seemed to laugh and reassuringly say,  
"Silly human, to define, means to limit,  
What is it that makes life so daunting?  
Our infinite potential to make a better world,  
so that everyone  
can explore life in its jarring complexity,  
and find their own truth to it."

I paused...I pondered... I finally understood.  
Life is mystifyingly subjective.  
Each one's life purpose is not in what they  
do, but what their impact is.  
What else could be our goal, if not to live with  
unreasonable compassion and enthusiasm?  
To astonish a mean world, with our acts of  
kindness.



## KANNADA ARTICLES AND POEMS

### ಚಲನಚಿತ್ರಗಳ ಮೂಲಕ ಶಿಕ್ಷಣ



#### Kalathoti Rishitha

USN : 1MS23CI054

Semester : 2<sup>nd</sup>

Department : CSE(AI&ML)

ಇಂದಿನ ದಿನಮಾನಗಳಲ್ಲಿ, ಶಿಕ್ಷಣವು ಸಾಂಪ್ರದಾಯಿಕ ಬೋಧನಾ ವಿಧಾನಗಳನ್ನು ಮೀರಿದೆ. ಜ್ಞಾನವನ್ನು ನೀಡಲು ತಂತ್ರಜ್ಞಾನವನ್ನು ಬಳಸುವುದು ದೂರದ ಕನಸಿನಂತೆ ಕಾಣುವ ಕಾಲ ಕಳೆದುಹೋಗಿದೆ. ಈ ತಾಂತ್ರಿಕ ಬೆಳವಣಿಗೆಯ ಒಂದು ಪ್ರತಿಫಲ, ಶಿಕ್ಷಣವನ್ನು ಒದಗಿಸುವ ಸಾಧನವಾಗಿ ಚಲನಚಿತ್ರಗಳನ್ನು ಬಳಸಿಕೊಳ್ಳುವ ಆಧುನಿಕ ಪರಿಕಲ್ಪನೆಯು ಈಗಿನ ದಿನದಲ್ಲಿ ಹೊಸ ದಾರಿಯನ್ನು ಕಂಡುಕೊಳ್ಳುತ್ತಲೇ ಇದೆ. ಪಠ್ಯಪುಸ್ತಕಗಳು ಸಾಮಾನ್ಯವಾಗಿ ಕಿರಿಯ ವಿದ್ಯಾರ್ಥಿಗಳು ಅಧ್ಯಯನ ಮಾಡಲು ವಿಫಲವಾಗುವುದರಿಂದ, ಮನರಂಜನೆಯ ಮೂಲದೊಂದಿಗೆ ಕಲಿಕೆಯನ್ನು ಸಂಯೋಜಿಸುವುದು ಅವರಿಂದ ಹೆಚ್ಚಿನದನ್ನು ಪಡೆಯುವ ಆದರ್ಶ ಮಾರ್ಗವಾಗಿದೆ. ಈ ವಿಧಾನವು ತನ್ನದೇ ಆದ ವಿಮರ್ಶಕರನ್ನು ಹೊಂದಿದ್ದರೂ, ಒಳಿತು ಕೆಡುಕುಗಳನ್ನು ಮೀರಿಸುತ್ತದೆ. ಹಳೆಯ ಹಾಗೂ ಹೊಸ ಚಲನಚಿತ್ರಗಳು ವಿವಿಧ ವಿಷಯಗಳ ಮೂಲಕ ನಮ್ಮ ಅರಿವನ್ನು ವಿಸ್ತಾರಬಲ್ಲವು. ವಿಜ್ಞಾನ, ಇತಿಹಾಸ, ಸಾಹಿತ್ಯ, ಸಮಾಜ ಹಾಗೂ ಹೆಚ್ಚಿನವು ಎಲ್ಲಾ ವಿಷಯಗಳನ್ನು ಸಿನಿಮಾಗಳ ಮೂಲಕ ಅರಿಯಬಹುದು.

ಈ ರೀತಿಯಾಗಿ ಚಲನಚಿತ್ರಗಳು ಪರಿಣಾಮಕಾರಿ ಶೈಕ್ಷಣಿಕ ಸಾಧನವಾಗಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತವೆ ಕಲಿಸಲು ಚಲನಚಿತ್ರಗಳನ್ನು ಬಳಸುವುದು ಖಂಡಿತವಾಗಿಯೂ ಒಂದು ಸವಾಲಾಗಿರಬಹುದು, ಆದರೆ ಸರಿಯಾದ ರೀತಿಯಲ್ಲಿ ನಡೆಸಿದಾಗ, ಅದು ಹಲವಾರು ಪ್ರಯೋಜನಗಳನ್ನು ಹೊಂದಿದೆ. ಪಠ್ಯಗಳಿಗಿಂತ ಭಿನ್ನವಾಗಿ, ಚಲನಚಿತ್ರಗಳು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ದೃಷ್ಟಿ ಗೋಚರವಾಗಿ ಕಲಿಯಲು ಅನುವು ಮಾಡಿಕೊಡುತ್ತದೆ. ಉದಾಹರಣೆಗೆ, ಗಾಂಧಿ ಚಲನಚಿತ್ರವು, ಇತಿಹಾಸದ ಪುಸ್ತಕಗಳಲ್ಲಿ ಅತ್ಯುನ್ನತ ವ್ಯಕ್ತಿಯಾದ ಮಹಾತ್ಮ ಗಾಂಧಿಯವರ ಜೀವನದ ಮನರಂಜನೆಯನ್ನು ವೀಕ್ಷಿಸಲು ವಿದ್ಯಾರ್ಥಿಗೆ ಅವಕಾಶ ನೀಡುತ್ತದೆ. ಕಥೆ ಮತ್ತು ದೃಶ್ಯಗಳು ಸರಳ ಪದಗಳಿಗಿಂತ ಸಮಯ ಮತ್ತು ಯುಗ ಮತ್ತು ಐತಿಹಾಸಿಕ ವ್ಯಕ್ತಿಯ ಜೀವನಶೈಲಿಯ ಬಗ್ಗೆ ಹೆಚ್ಚಿನ ತಿಳುವಳಿಕೆಯನ್ನು ನೀಡುತ್ತದೆ. ಹೆಚ್ಚುವರಿಯಾಗಿ, ಚಲನಚಿತ್ರಗಳು ಪುಸ್ತಕಗಳ ರೀತಿಯಲ್ಲಿ ಸೀಮಿತವಾಗಿವೆ.

ಶಿಕ್ಷಣ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ಚಲನಚಿತ್ರಗಳು ತಮ್ಮದೇ ಆದ ಗುರುತನ್ನು ಹೊಂದಿವೆ. ಅವು ನವೀನ ವಿದ್ಯಾರ್ಥಿಗಳ ಮನಸ್ಸನ್ನು ಮಗ್ನಗೊಳಿಸುತ್ತವೆ ಮತ್ತು ಅವರನ್ನು ಸಮಾಜದ ವಿವಿಧ ಸಮಾಜಗಳ ಕುರಿತು ಚಿಂತನೆ ಮಾಡುವಂತೆ ಪ್ರೇರಣೆ ನೀಡುತ್ತಿದೆ. ಶಿಕ್ಷಣ ಮತ್ತು ಚಲನಚಿತ್ರಗಳ ನಡುವೆ ಒಂದು ವಿಶೇಷ ಸಂಬಂಧ ಇದೆ. ಇವುಗಳು ಪ್ರತಿ ಒಬ್ಬರಿಗೂ ಬೇರೆ ಬೇರೆ ರೀತಿಯಲ್ಲಿ ಪ್ರಭಾವವನ್ನು ಬೀರುತ್ತವೆ.

### ವಿದ್ಯಾಲಯ



#### Ravi H R

Designation : Instructor

Department : EEE

ಜೇನಿನಗೂಡು ವಿದ್ಯಾಲಯ  
ಆನೇಕತೆಯಲ್ಲಿ ಏಕತೆಯೇ ಮದಲ ಆಧ್ಯಾಯ  
ದೇಶ ವಿದೇಶದಿಂದ ಹಾರಿಬಂತು ಮರಿದುಂಬಿ  
ಕಲಿಕೆಯ ಶುರಮಾಡಿತು ಮನತುಂಬಿ  
ಒಂದೊಂದು ವಿಷಯಗಳಲ್ಲಿ ಸುಂದರ ಹೂಗಳು  
ಮಕರಂಧವ ಹೀರಿ ಮುನ್ನಡೆದವು ಹೂ ಮನಗಳು |

ಅವರಿಸಿತೆಲ್ಲಾ ದುಂಬಿಯ ರೈಂಕಾರ  
ವಿದ್ಯಾಲಯದ ತುಂಬೆಲ್ಲಾ ಕಲಿಕೆಯ ಓಂಕಾರ  
ಹಾರಲು ಕಲಿತ ಜೇನು ಹೀರಿತು ಸಿಹಿಯ  
ಸೇರಿತು ಗೆಳೆಯರ ಮುಂದಿನದು ಜೈಕಾರ  
ದೊರಕಲು ಗುರುಗಳ ಪೋಷಕರ ಸಹಕಾರ  
ಸೀಹಿಯಾದ ಜೇನಿನ ಸಂಚಾರ  
ಹರಡಿತು ಜಗಕೆ ಸೀತಿಯ ಸಾರ |

ಭೂಲೋಕದ ಸ್ವರ್ಗವಿದು ವಿದ್ಯಾಲಯ  
ಶಿಕ್ಷಣವೇ ದೇವರು ವಿದ್ಯಾರ್ಥಿಗಳೇ ಭಕ್ತರು  
ಎಲ್ಲಾ ಮತ ಧರ್ಮದ ಹೂವುಗಳ ಜಮಾವಣೆ  
ಹೊಸ ಕನಸುಗಳ ವಿನಮಯ ಬದಲಾವಣೆ |

ಪಠ್ಯದೊಂದಿಗೆ ಉತ್ತೇಜನವಿಲ್ಲ ಪಠ್ಯೇತರ  
ವಿಭಿನ್ನ ಅಭಿರುಚಿ ಕನಸುಗಳು ಹೊಸತರ

ಪಾಠದೊಂದಿಗೆ ಜೀವನ ಪಾಠ ಗೆಳೆಯರ ಹತ್ತಿರ  
ಎಲ್ಲಾ ಜೊತೆಗೂಡಿ ಒಂದೇ ಗುರಿ ಉನ್ನತ ಜೀವನಸ್ತರ |

ನೈಪುಣ್ಯತೆಯೇ ತಾಂತ್ರಿಕತೆಯ ಉದ್ದೇಶ  
ನಿಪುಣ ವಿದ್ಯಾರ್ಥಿಗಳಿಗಿಲ್ಲಿ ಮಾದಲ ಅವಕಾಶ  
ಅಭ್ಯಾಸದಿಂದ ಸಂಗ್ರಹ ಮಧುರ ಜೇನು  
ಪರಿಶ್ರಮದಿಂದ ಗೆಲುವು ದಾರಿಗಳು ಹತ್ತು ಹಲವು  
ಜೇನಿನಗೂಡು ವಿದ್ಯಾಲಯ  
ಅನೇಕತೆಯಲ್ಲಿ ಏಕತೆಯೇ ಮೊದಲ ಅಧ್ಯಾಯ |

## ಅಪ್ಪ

ಸಿಟ್ಟು ಸಿಡುಕು ಸ್ವಲ್ಪ ಹೊರಗೆ  
ಬೆಟ್ಟದಷ್ಟು ಪ್ರೀತಿ ಒಳಗೆ  
ಸದಾ ಚಂತೆ ಮನೆ ಮಕ್ಕಳು  
ಸ್ವಲ್ಪ ಗಳಿಸಿ ಕೇಳಿದ್ದೇಲ್ಲಾ ಕೊಡಿಸಿ  
ನಾಳೆ ಯೋಚಿಸಿ ನಿನ್ನೆ ಮರಸಿ  
ಒಳಗೆ ಆತ್ತು ಮೇಲೆ ಗತ್ತು  
ಮರೆಯುವುದೆಂತು ಇವರ ತುತ್ತು  
ಅಪ್ಪ ನಮಗೆ ಎಷ್ಟು ಗೋತ್ತೆ?!

## ಕವನ



### Satvik Bhat

USN : 1MS23BA084

Semester : 1<sup>st</sup>

Department : Management Studies

ಗುರುವೇ ನಾನು ಒಂದು ಸೊನ್ನೆ  
ಸೊನ್ನೆಗೆಲ್ಲಿ ಬೆಲೆಯಿದೆ

ಸೊನ್ನೆ ಹಿಂದೆ ಇದ್ದರಂಕಿ ಸೊನ್ನೆಗಾಗ ಬೆಲೆಯಿದೆ |  
ಗುರುವೇ ನೀವು ನನ್ನ ಹಿಂದೆ ಅಂಕಿಯಾಗಿ ಬನ್ನಿರಿ  
ಸೊನ್ನೆಯಾದ ನನ್ನ ಬಾಳೆ ಬೆಲೆಯ ತುಂಬಿ ತನ್ನಿರಿ ||೧||

ನಿಮ್ಮನಳಿದ ನನ್ನ ಬದುಕು ನಿಮ್ಮಾಣೆಗೂ ಶೂನ್ಯವು |  
ಅಲ್ಲ ಬುದ್ಧಿ ಅತಿ ಆಸೆ ಅಹಂಕಾರ ಬೆರೆತವು ||೨||

ಹಿಂದೆ ಅಂಕಿಯಿದ್ದರೇನೇ ಬೆಲೆಯಿಹುದು ಸೊನ್ನೆಗೆ  
ಹಿಂದೆ ಗುರುವು ಇದ್ದರೇನೇ ಬೆಲೆಯು ನನ್ನ ಇರುವಿಗೆ ||೩||

## ಕರ್ನಾಟಕದ ಉತ್ಸವ



### Syeda Afiya Tasneem

USN : 1MS22MC050

Semester : 4<sup>th</sup>

Department : MCA

ರಾಜ್ಯದ ಉತ್ಸವ  
ಹೆಮ್ಮೆಯ ಉತ್ಸವ

ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಇದು ಮಹಾನ್ವೇಶದ ರತ್ನಮಣಿ,  
ಇಲ್ಲಿದೆ ಹೆಮ್ಮೆಯ ನಾಡು, ಅಮೂಲ್ಯ ಸಂಪತ್ತು ಸರ್ವಸ್ವವೇ.  
ಇಲ್ಲಿ ಇದೆ ಪ್ರತಿಭೆಗಳ ಕಾಡು, ಅವು ಹೂವಿನ ಮರಗಳ ಹಾರು.

ಭಾರತದ ಅಮೋಘ ರಾಜ್ಯ, ಇದು ಕೋಟೆಗಳ ನಗರ,  
ತವರೂರಿನ ತೊಂಬತ್ತನೇ ಬಳಿಕ ಇರುವ ಸೌಂದರ್ಯ ಸಾಗರ.  
ಇಲ್ಲಿ ಬಾರದು ಎಂದಿಗೂ ಅಭಿಮಾನದ ಕೊರತೆ,  
ಕನ್ನಡಿಗರ ಹೃದಯದ ಬೆಳಕು ಅಲ್ಲಿ ಸದಾ ಬೆಳಗುತ್ತಿದೆ.

ಕರ್ನಾಟಕದ ಮಣ್ಣಿನಲ್ಲಿ ಸಂಸ್ಕೃತಿಯ ಹಕ್ಕಿ ಹಾಡುತ್ತಿದೆ,  
ಇಲ್ಲಿ ಇದೆ ಸಂಪ್ರದಾಯದ ವಾಸನೆ, ವೈಶಿಷ್ಟ್ಯ ವಿಶೇಷ.  
ಇಲ್ಲ ಕೊರತೆಗಳ ವೇದನೆ, ಬರಿಯ ಹೊರತು ಅಲ್ಲ.

ಕರ್ನಾಟಕದ ರಾಜ್ಯದಲ್ಲಿ ವಾಸಿಸುವ ನಾವು ಭಾಗ್ಯಶಾಲಿಗಳು,  
ಹಕ್ಕಿಗಳ ಗುಂಪಿನಲ್ಲಿ ಸೇರಿ ಹೊರಗೊಮ್ಮಲೆ ಹಾಡುತ್ತಿದೆ ನಾಡು.  
ಕನ್ನಡಿಗರ ಹೆಜ್ಜೆಗೆ ನಾವು ಅಭಿಮಾನ ಮರುಗುತ್ತಿದ್ದೇವೆ,  
ಕನ್ನಡ ಜನಾಂಗದ ಹೆಮ್ಮೆಯ ಸಂಬಂಧಿಸಿದ ಕನಸು.

ಕನ್ನಡಕ್ಕೆ ಜೈ ಎನ್ನೋಣ,  
ಕನ್ನಡ ಬಳಸೋಣ,  
ಕನ್ನಡ ಉಳಿಸೋಣ,  
ಕನ್ನಡವೇ ಜೀವ ಎನ್ನೋಣ

## ನಮ್ಮ ಬಾಲ್ಯ



### Akshath N A

USN : 1MS23ECE011

Semester : 2<sup>nd</sup>

Department : ECE

ಕಾಲ ಬದಲಾದಂತೆ ನಮ್ಮ ಜೀವನ ಬದಲಾಯಿತು  
ಚಿಕ್ಕ ಮಗುವಿನ ಕೈಯಲು ಪೋನು ಬಂದಾಯಿತು  
ತಂತ್ರಜ್ಞಾನದ ಹೆಸರಿನಲ್ಲಿ ಚಟ ಬೆಳೆಯಿತು  
ಅದಕ್ಕೆ ಶರಣಾಗಿ ಖುಷಿ ಮರೆಯಾಯಿತು

ಎಷ್ಟು ಚೆಂದ ಇತ್ತು ಆ ದಿನಗಳು  
ಶಾಲೆಯಲ್ಲಿ ಗೆಳೆಯರೊಂದಿಗೆ ಕಳೆದ ನೆನಪುಗಳು  
ಲಗೋರಿ ಗೋಲಿ ಬುಗುರಿ ಇತ್ಯಾದಿ ನಮ್ಮ ಆಟಗಳು  
ಈಗ ಬರಿ ಮನೆಯಲ್ಲಿ ಕುಳಿತು ಹಾಡುವ ಆನ್ಲೈನ್ ಗೇಮ್ ಗಳು

ಬೇಸಿಗೆ ರಜೆಯಲ್ಲಿ ಗೆಳೆಯರೊಂದಿಗೆ ಕೂಡಿ  
ಆಡಿ ಬಂದು ಸುಸ್ತಾಗಿ ಕುಡಿಯುತ್ತಿದ್ದ ಮಜ್ಜೆಗೆ  
ಇಂದು ಅದೇ ಹುಡುಗ ಎಲ್ಲಾ ಹೊರಗೆ ಹೋಗದ  
ತಿಂಗಳಿಗೊಮ್ಮೆ ರಿಚಾರ್ಜ್ ಮಾಡಿಸಿ ಆಡುತ್ತಿದ್ದಾನೆ PUBG

ದಿನ ಬೆಳಗಿದ್ದ ಕೂಡಲೇ ನೋಡುತ್ತಿದ್ದ ದೇವರ ಪೋಟೋ  
ಈಗ ಎದ್ದ ಕೂಡಲೇ ಹಾಕುತ್ತಾರೆ ಸ್ಟೇಟಸ್ ಗೆ ದೇವರ ಪೋಟೋ  
ತಿನೋದನ್ನು ಸಹ ಹಾಕಬೇಕೇ Snap chatಅಲ್ಲಿ  
ಇದನ್ನು ಚಟ ಎನ್ನದೆ ಏನೆಂದು ಹೇಳಲಿ

## ಏನ್ಯಾಡ್ಡೇಕೋ ಗೊತ್ತಾಗ್ತಿಲ್ಲ, ಸ್ವಲ್ಪ ಸಹಾಯ ಮಾಡಿ



### Hari Chandra B P

Designation : Associate Professor

Department : ME

ಒಂದು ಭಾನುವಾರ ಮುಂಜಾನೆ ಇನ್ನೂ ಮಲಗಿದ್ದ ಒಬ್ಬಳು ಮಹಿಳೆ  
ಗಾಬರಿಗೊಂಡವಳಂತೆ ಏದ್ದು ಪಕ್ಕದಲ್ಲಿ ಮಲಗಿದ್ದ ಗಂಡನನ್ನ ದಬದಬನೆ  
ಅಲುಗಾಡಿಸಿ, “ರೀ, ರೀ, ಏಳಿ; ಬೇಗ ಏಳಿ”, ಅಂತಾಳೆ.

ಗಂಡ ಎಚ್ಚರಗೊಂಡು, “ಛೇ ಏನೇ ನಿಂದು, ಒಳ್ಳೆ ಕನಸು ಬಿಟ್ಟಾ ಇತ್ತು  
ಹಾಳಾಡ್ಡಿಟ್ಟಲ್ಲೇ” ಎನ್ನುತ್ತಾ ಏಳುತ್ತಾನೆ. “ಏನಾಯ್ತೇ, ಯಾಕ್ ಗಾಬರಿ  
ಆಗಿದ್ದೀಯಾ? ಏನಾಯ್ತು ಹೇಳು”, ಅಂತ ಕೇಳುತ್ತಾನೆ.

ಅದಕ್ಕೆ ಹೆಂಡತಿ ಹೇಳುತ್ತಾಳೆ, “ರೀ, ನನ್ನ ಅಕೌಂಟ್‌ಗೆ ಒಂದು ಲಕ್ಷ ರೂಪಾಯಿ  
ಹಾಕಿರೋಹಾಗೆ ಕನಸು ಬಿತ್ತು ರೀ....” ಅನ್ನುತ್ತಿದ್ದಂತೆ ಗಂಡ ಅವಳನ್ನ  
ತಡೆದು; “ಅಯ್ಯೋ ನನಗೂ ಅದೇ ಕನಸು ಬೀಳುತ್ತಾ ಇತ್ತು ಕಣೀ, ಅಷ್ಟಲ್ಲ  
ನೀನು ಎಬ್ಬುಸ್ಬಿಟ್ಟೆ”, ಅಂತಾನೆ.

“ರೀ ನೋಡ್ರೀ, ಮೊಬೈಲಲ್ಲಿ ಬ್ಯಾಲೆನ್ಸ್ ಚೆಕ್ ಮಾಡ್ರಿ.” ಅಂತಾಳೆ  
ಹೆಂಡತಿ.

ಗಂಡ ತನ್ನ ಮೊಬೈಲಿನಲ್ಲಿ ಬ್ಯಾಲೆನ್ಸ್ ಚೆಕ್ ಮಾಡುತ್ತಿದ್ದೆ ಒಂದು ಲಕ್ಷ  
ರೂಪಾಯಿ ಹಾಕಿದ್ದು ಬರೀ ಕನಸಲ್ಲ, ನಿಜ ಕೂಡ ಅಂತ ಗೊತ್ತಾಯ್ತು.  
ಇಬ್ಬಿಗೂ ಖುಷಿಯೇ ಖುಷಿ. ಇನ್ನು ಹೆಂಡತಿ ಅಕೌಂಟಿನಲ್ಲಿ ಚೆಕ್  
ಮಾಡಿದ್ದೆ, ಆಕೆ ಅಕೌಂಟಿಗೂ ಒಂದು ಲಕ್ಷ ರೂಪಾಯಿ ಹಾಕಿರೋದು ಬರೀ  
ಕನಸಲ್ಲ, ಸತ್ಯ ಅಂತ ಗೊತ್ತಾಯ್ತು. ಇಬ್ಬೂ ಖುಷಿಯಲ್ಲಿ ಕುಣಿದಾಡ್ತಾರೆ.  
ಗಂಡ ಅಂತಾನೆ, “ಬೇಗ ಸ್ನಾನ ಮಾಡ್ಕೋ ಎಲ್ಲಾಡ್ಡೂ ಪಿಕ್ನಿಕ್  
ಹೋಗೋಣ, ಮಸ್ತ್ ಮಜ ಮಾಡೋಣ” ಅಂತ.

ಅದಕ್ಕೆ ಹೆಂಡತಿ “ಅಯ್ಯೋ ನಿಮ್ಮ ಮಂಕು ಬುದ್ಧಿಗ್ ಏನ್ ಹೇಳ್ತೀಕು?  
ಈ ಕೊಂಪೇನಲ್ ಯಾಕ್ ಸ್ನಾನ ಮಾಡ್ಬೇಕು? ಹತ್ತಾವು ಬಿಸಾಕುದ್ದೆ  
ಒಂದು ಸ್ನಾನ ಹೋಟೆಲ್‌ನಲ್ಲೇ ಸ್ನಾನ ಮಾಡ್ಬೋದು, ನಡೀರಿ ಅಲ್ಲೇ  
ಹೋಗಿ ಸ್ನಾನ-ತಿಂಡಿ ಮಾಡೋಣ” ಅಂತಾಳೆ.

ಆಯ್ತು ಅಂತ ಗಂಡ ಬೈಕ್ ತಗೆಯ್ಕೆ ಹೋಗ್ತಾನೆ. ಹೆಂಡತಿ  
ಆತನನ್ನ ಎಳೆದು, “ಅಯ್ಯೋ, ರೀ ಬೈಕ್ ಯಾಕ್ರೀ. ಎಸಿ ಓಲಾ /  
ಊಬರ್ ಕಾರ್ ಬುಕ್ ಮಾಡ್ರೀ ಡೈರೆಕ್ಟಗ್ ಆರಾಮಾಗ್ ಊಟೇಗೇ  
ಹೋಗ್ಬೋಡೋಣ”, ಅಂತಾಳೆ.

ಅದಕ್ಕೆ ಗಂಡ, “ಅದೂ ಸರೀನೇ, ಜಾಸ್ತಿ ಅಂದ್ರೆ ಐದಾವು ಕೊಟ್ಟಿ  
ಆಯ್ತು”, ಅಂತ ಊಬರ್/ಓಲಾ ಆಪ್ ತಗೀತಾನೆ. ಆಪ್ ನೋಡಿದ್ದೆ  
ಎಷ್ಟೋಂದ್ ಗಾಡೀಗಳಿದ್ದು, ಆದ್ರೆ ಯಾರೂ ಬರಕ್ “ಅಕ್ಸೆಪ್ಟ್” ಮಾಡ್ತಾ  
ಇಲ್ಲ. ಛೇ, ಏನ್ಯಾಡ್ಡೋದು ಅನ್ನೋಳ್ತಾ ಇದ್ದಂತೆ ಗಂಡನಿಗೆ ತನ್ನ  
ಸ್ನೇಹಿತ ಓಲಾ ಕಾರ್ ನಡೆಸುತ್ತಾ ಇದ್ದದ್ದು ಜ್ಞಾಪ್ತಿ ಬಂತು. “ಅವನಿಗೆ  
ಪೋನ್ ಮಾಡುದ್ದೆ ಅವ್ನು ಬಂದೇ ಬರ್ತಾನೆ” ಅಂತ ಅವನಿಗೆ ಪೋನ್  
ಮಾಡ್ತಾನೆ.

ಅತ್ತಕಡೆಯಿಂದ ಮಾತನಾಡಿದ ಸ್ನೇಹಿತ, “ಅಯ್ಯೋ ನನಗೆ ನೆನ್ನೇನೇ  
ತುಂಬಾ ಸುಸ್ತಾಗಿತ್ತು. ಚೆನ್ನಾಗ್ ಮಲ್ಕೋಣ ಅಂದ್ರೆ ಇವತ್ತು ಭಾನುವಾರ,  
ನನ್ನೂ ತುಂಬಾ ಟ್ರಿಪ್ಪಳಿದ್ದು, ಬೆಳಿಗ್ಗೆನೇ ಎದ್ದು ಮುಖ ತೊಳ್ಳೊಂಡ್  
ಹೊರ್ಟಿದ್ದೆ. ಆದ್ರೆ ಹೊರ್ಟ್ ಮುಂಚೆ ಪೋನ್ ತೆಗೆದ್ ನೋಡುದ್ದೆ  
ನನ್ನ ಅಕೌಂಟ್‌ಗೆ ಒಂದು ಲಕ್ಷ ಹಾಕಿಟ್ಟಿದ್ದಾರೆ. ಅದಕ್ಕೆ ‘ಇನ್ನೇನ್ ಯೋಚ್ನೆ’  
ಅಂತ ಎಲ್ಲಾ ಟ್ರಿಪ್ಪೂ ಕ್ಯಾನ್ಸಲ್ ಮಾಡಿ ಇವತ್ ಪುಲ್ಲು ಮುಲುಕ್ಕೋಬೇಕು  
ಅಂತ ಇದ್ದೀನಿ. ದಯವಿಟ್ಟು ಬಿಟ್ಟುಬಿಡು”, ಅಂತ ಹೇಳಿ ಪೋನ್  
ಇಟ್ಟೇಬಿಟ್ಟ.

ಅಯ್ಯೋ, ಇನ್ನೇನ್ ಮಾಡೋದು, ಟೈಮು ಎಂಟಾಗೋಗ್ತಾ ಇದೆ ಅಂತ,  
“ಬೈಕ್‌ಲ್ಲೇ ಜಾಲಿ ರೈಡ್ ಹೋಗೋಣ ಬಾರೆ”, ಅಂತ ಹೇಳಿ ಬೈಕ್ ಹತ್ತಿ  
ಗಂಡ-ಹೆಂಡತಿ ಇಬ್ಬೂ ಸ್ವೀಡಾಗ್ ಹೊರಟೇಬಿಟ್ಟು. ಒಂದು ಲಕ್ಷ ಸಿಕ್ಕಿದ್  
ಖುಷಿನಲ್ಲಿ ಅವರ ಬೈಕ್‌ನಲ್ಲಿ ಪೆಟ್ರೋಲ್ ಎಷ್ಟಿದೆ ಅಂತಾನೂ ನೋಡಲಿಲ್ಲ,

ಹೊರಟೇ ಬಿಟ್ಟು. ಸಾಕಷ್ಟು ದೂರ ಹೋದ ನಂತರ ದಾರಿನಲ್ಲಿ ಪೆಟ್ರೋಲ್ ಖಾಲಿನೇ ಆಗೋಯ್ತು. “ಅಯ್ಯೋ ದರಿದ್ರವಾ, ಈವಾಗ್ಲೇ ಖಾಲಿ ಆಗ್ಬೇಕು” ಅಂತ ಸುತ್ತ ಮುತ್ತ ನೋಡುತ್ತಾ, ದೂರದಲ್ಲೇ ಒಂದು ಪೆಟ್ರೋಲ್ ಬಂಕ್ ಕಾಣಿಸ್ತು. ಇಬ್ಬರೂ ಸೇರಿ ಗಾಡೀನ ತಳ್ಳೋಂಡ ಹೋದರು. ಹಾಗೂ ಹೀಗೂ ಪೆಟ್ರೋಲ್ ಬಂಕ್ ಹತ್ತ ಬಂದು ನೋಡಿದ್ದೆ, ಪೆಟ್ರೋಲ್ ಬಂಕ್ ಇನ್ನೂ ತೆಗ್ಗೇ ಇಲ್ಲ. ಭಾನುವಾರದ ಸೋಮಾರಿಗಳು, ಇನ್ನೂ ತೆಗ್ಗೇ ಇಲ್ಲ ಅಂತ ಬಯ್ಯೋಂಡು, ಏನ್ಮಾಡೋದು ಅಂತ ಇನ್ನೂ ಸುತ್ತ ನೋಡುತ್ತಾ, ಸ್ವಲ್ಪ ದೂರದಲ್ಲೇ ಇನ್ನೊಂದು ಪೆಟ್ರೋಲ್ ಬಂಕ್ ಬೋರ್ಡ್ ಕಾಣಿಸ್ತು. ಆಯ್ತು, ಇನ್ನೇನು ಬೇರೆ ದಾರಿನೇ ಇಲ್ಲ ಅಂತ ಅಲ್ಲೇವರ್ಗೂ ಗಾಡಿ ತಳ್ಳೋಂಡ ಹೋದರು. ಇವರ ದುರಾದ್ವಷ್ಟಕ್ಕೆ ಆ ಪೆಟ್ರೋಲ್ ಬಂಕೂ ತೆಗೆದಿಲ್ಲ. “ಅಯ್ಯೋ ಗ್ರಹಚಾರವೇ”, ಅಂತ ಅಲ್ಲೇ ಇದ್ದ ಒಬ್ಬನು ಕೇಳಿದರೆ, ಅವನು “ಅಯ್ಯೋ ಪೆಟ್ರೋಲ್ ಬಂಕ್‌ವನ ಅಕೌಂಟಿಂಗ್ ಜಂ ಲಕ್ಷ ಬಿದ್ದೋಗಿದೆ, ಅನ್ನಿನ್ಯಾಕ್ ಪೆಟ್ರೋಲ್ ಬಂಕ್ ತಗೀತಾನೇ,” ಎಂದ.

ಅಷ್ಟೊತ್ತಾಗ್ಲೇ ಸುಸ್ತಾಗೊಗಿದ್ದ ದಂಪತಿಗಳು ಮುಖ ಮುಖ ನೋಡೋತಾರೆ.

“ಆಯ್ತು ಬಾರೆ, ಹೋಗ್ಲೇ ಸದ್ಯಕ್ಕೆ ಎರಡು ಇಡ್ಲಿನಾದ್ರೂ ತಿನೋಣ”, ಅಂತ ಪಕ್ಕದಲ್ಲೇ ಇದ್ದ ಹೋಟೆಲ್ ಹೋದರು, ಹೋಟೆಲ್ ಓನರ್ ಕ್ಯಾಷ್ವೆಲ್ಲಿ ಕೂತಿದ್ದ. “ತಿಂಡಿ ಏನಿದೆ?” ಅಂತ ಕೇಳಾನೆ ಗಂಡ. ಅದಕ್ಕೆ ಓನರ್, “ಅಯ್ಯೋ ಯಾವ ತಿಂಡಿನೂ ಇಲ್ಲ, ಇವತ್ತು ಯಾವ ಕೆಲಸಗಾರರೂ ಕೆಲಸಕ್ಕೆ ಬಂದಿಲ್ಲ; ರಾತ್ರಿ ಇಲ್ಲೇ ಮಲ್ಟಿಪಲ್ ಕೆಲಸದಾರೂ ಕೂಡ ಬೆಳಿಗ್ಗೆ ಹೇಳ್ತೆ ಕೇಳ್ತೆ ಪಾರಾರಿ ಆಗಿದ್ದಾರೆ. ಎಲ್ಲಾರ್ ಅಕೌಂಟಿಂಗ್ ಜಂ ಲಕ್ಷ ಬಿದ್ದೋಗಿದೆ; ನಾನೂ ಟೈಂಪಾಸ್ಗೆ ಇಲ್ಲಿ ಕೂತಿದ್ದೇನಿ, ಅಷ್ಟೇ”, ಅಂತಾನೆ. ದಂಪತಿಗಳು ಮತ್ತೆ ಮುಖ ಮುಖ ನೋಡೋತಾರೆ. ಹೋಗ್ಲೇ ಎರಡು ಗ್ಲಾಸ್ ನೀರ್ ಕೊಡಿ ಅಂದ್ರೆ, “ಅಯ್ಯೋ ಇವತ್ ಬೆಳಿಗ್ಗೇನೆ ಕಾರ್ಪೊಷನ್ ಅವರು ನೀರ್ ಬಿಡ್ಬೇಕಿತ್ತು”, ಇನ್ನೂ ನೀರೇ ಬಿಟ್ಟಿಲ್ಲ; ಇದ್ದಿದ್ ಬಾಟಲೀ ನೀರ್ನೂ ಸುತ್ತ ಮುತ್ತ ಇರೋವು ಒಬ್ಬಬ್ಬರ ನನ್ನ ನನ್ನ ಅಂತ ಗಲಾಟೆ ಮಾಡಿ ಏನೂ ಏನೂ ನೋಟ್ ಬಿಸಾಕಿ ಚಿಲ್ತೆ ನೀವೇ ಇಟ್ಕೊಳ್ಳಿ ಅಂತ ಹೇಳಿ ತಗೋಂಡ ಹೋಗಿಟ್ಟು” ಅಂತಾನೆ.

ಕಡೆಗೆ, “ಹೋದ್ರೆ ಹೋಗ್ಲಿ ಬೈಕ್ ಆಮೇಲ್ ನೋಡೋಕೋಣ” ಅಂತ ಬೈಕ್ ಅಲ್ಲೇ ಬೀಗ ಹಾಕಿ, ಬಸ್ಸಲ್ಲಾದ್ರೂ ಸರೀನೇ, ವಾಪಸ್ ಮನೇಗೇ ಹೋಗ್ಬಿಡೋಣ ಅಂತ ಪಕ್ಕದಲ್ಲಿದ್ದ ಬಸ್ ಸ್ಟಾಂಡ್‌ನಲ್ಲಿ ಬಂದು, ಸೂರು ಕುರ್ಚಿಗಳು ಕಿತ್ತೋಗಿದ್ದ ಸ್ಟಾಪ್‌ನಲ್ಲಿ ನಿಂತೋಂಡೆ ಕಾಯ್ತಾ ಹೋದರು: ಎಷ್ಟೊತ್ತಾದ್ರೂ ಬಸ್ಸು ಬರ್ಲೇ ಇಲ್ಲ. ಆಕಡೆ ಬರ್ತ ಇದ್ದ ಹಿರಿಯರೊಬ್ಬ “ಅಯ್ಯೋ ಸ್ವಾಮಿ, ಬಸ್ಸುಗ್ ಕಾಯ್ಬೇಡಿ, ನಿಮಗೊತ್ತಿಲ್ಲಾ, ಎಲ್ಲಾಗೂ ಅಕೌಂಟಿಂಗ್ ಜಂ ಲಕ್ಷ ಹಾಕಿಟ್ಟಿದ್ದಾರೆ, ಯಾವ ಬಸ್ಸು ಕೆಲಸಕ್ಕೆ ಬಂದಿಲ್ಲ”, ಅಂತಾರೆ.

ಇನ್ನೇನ್ಮಾಡೋದು, ನಡ್ಕೋಂಡ ಹೋಗಕ್ ದೂರ, ಬಿಸಿಲು ಏರ್ಬಿಟ್ಟಿದೆ, ಸುಸ್ತು ಅಂದ್ರೆ ಸುಸ್ತು; ಹಸಿವ್ ಬೇರೆ. ಅಲ್ಲೇ ರಸ್ತೆ ಪಕ್ಕದಲ್ಲಿದ್ದ ಮರದ ಕೆಳಗೆ ಸ್ವಲ್ಪ ಆರಾಮಾದ್ರೂ ಮಾಡೋಣ ಅಂತ ಮರಕ್ಕೆ ಒರಗೊಂಡು ತಲೆ ಮೇಲ್ ಕೈ ಇಟ್ಟೊಂಡು ಕೂತ್ತು. “ಸ್ವಲ್ಪ ಆರಾಮಾಗ್ಲಿ” ಆಮೇಲ್ ನೋಡೋಣ ಏನಾದ್ರೂ ದಿಕ್ ತೋಚುತ್ತಾ ಅಂತ ಅನ್ನೊಳ್ಳಿದ್ದು.

ಅತ್ತ ಇನ್ನೊಂದೆಡೆ, ದೇಶ ವಿದೇಶದ ವಿಪರೀತ ಸಾಲ ಮಾಡಿ, ಎಲ್ಲಾರ್ ಅಕೌಂಟಿಂಗ್ ರಾತ್ರಿನೇ ದುಡ್ಡು ಹಾಕಿ; ನಂತರ ಟೈಟಾಗಿ ಮಲ್ಟೋಂಡಿದ್ದ ಮಂತ್ರಿಗಳೋ; ಎದ್ದು ಮೈಮುರೀತಾ, ಜವಾನನ್ನ “ಏಯ್” ಅಂತ ಕರುದ್ರೆ, ಜವಾನಾನೂ ಇಲ್ಲ ಗಿವಾನಾನೂ ಇಲ್ಲ; ಸೆಕ್ಯೂರಿಟಿಯವರೂ ನಾಪತ್ತೆ. ಕಾರ್ನಲ್ಲಿ ಆಚೆ ಹೋಗೋಣ ಅಂದ್ರೆ ಡೈವರೂ ಇಲ್ಲ ಕಡೆಗೆ ಫೋನ್ ಮಾಡೋಣ ಅಂದ್ರೆ ಫೋನ್ ಸರ್ವಿಸೂ ಡೌನ್‌ಗೋಗಿದೆ ಇದು ಎಲ್ಲಾರ್ ಅಕೌಂಟಿಂಗ್ ಜಂ ಲಕ್ಷ ಬಿದ್ದಿದ್ದರೆ ಕಥೆ. ಒಟ್ಟಿಲ್ಲ ಎಲ್ಲಾರ್ ಅಕೌಂಟಿಂಗ್ ದುಡ್ಡೋ ದುಡ್ಡು. ಆದ್ರೆ ಖರ್ಚು ಮಾಡೋಣ ಅಂದ್ರೆ ಯಾರೂ ಏನೂ ಮಾರ್ತಾನೇ ಇಲ್ಲ; ಯಾರೂ ಕೆಲಸನೂ ಮಾಡಿಲ್ಲ. ರಸ್ತೆನೂ ಎಲ್ಲ ಖಾಲಿ ಖಾಲಿ. ಯಾರೂ ಏನ್ಮಾಡೋದು ಅಂತ ಗೊತ್ತಾಗ್ತಾನೂ ಇಲ್ಲ.

ಏನ್ಮಾಡೋದೋ ನನ್ನೂ ಗೊತ್ತಾಗ್ತಾ ಇಲ್ಲ. ಸ್ವಲ್ಪ ಸಹಾಯ ಮಾಡಿ; ಏನ್ಮಾಡೋಕೋ ನೀವೇ ಹೇಳಿ. ನಿಮ್ಮೂ ಏನೂ ಗೊತ್ತಾಗಿಲ್ಲ ಅಂದ್ರೆ ನಿಮ್ಮವರಿಗಲ್ಲಾ ಈ ಮೆಸೆಜ್ ಕಳಿಸೋಡಿ; ಯಾರಾದ್ರೂ ಏನಾದ್ರೂ ಸಹಾಯ ಮಾಡ್ಕೊತ್ತಾ ನೋಡೋಣ. ಯಾರಾದ್ರೂ ಬುದ್ಧಿವಂತು ಇದ್ದೇ ಇರ್ತಾರೆ. ಅವು ರಿಪೈನ ನನ್ನೂ ತಪ್ಪೆ ಕಳಿಸೋಡಿ! ಮುಂದಾಗಿಯೇ ವಂದನೆಗಳು; ಕಾಯ್ತಾ ಇರ್ತೀನಿ



## HINDI ARTICLES AND POEMS

### देखते-देखते और एक नया साल आ गया



#### Spoorti. R. Patil

USN : 1MS23CV053

Semester : 2<sup>nd</sup>

Department : CIVIL ENGINEERING

देखते-देखते और एक नया साल आ गया,

अब तो अपने छोटे भाइयों के भी चेहरे पर बाल आ गया। लगता है कुछ ददनों पहले ही 10वीं पास करी हीं, एक बाला छुटी उसका साहस भारी हो। पता ही नहीं चला कब 12 वीं पास की। अब तो यादों में भी 10 वीं से पहले की याद है भारी, और जैसे मानो 12वीं की यादों तो ससर्फ दो-तीन लाइन की है समरी।

पढाई के चक्कर में ना ठीक से खाया और ना पी पाया, ना स्कूल सीननयसफ की क्या जर्जीदगी होती है उसने जी पाया। सोचता हीं ये तो बस ककस्मत का रोना है, इन सभी की वजह कोई और नहीं, कोरोना है, सोशल डिस्टेंसिंग बनाए रखें रखे, पता ही नहीं चला कब अपने ही लोगों से दूरी बन गई, साईंस लेकर ना जाने कौन सा बला गले समला। ना जाने कब दोस्तों के साथ बहस की जगह कैलकुलस ने ले ली।

स्क लैयरेवल तो हमें नसीब ना हुआ, अपने बचपन खत्म होने से एक साल और करीब आगई। आखखर मेहनत रींग ददखाई, कम से कम हमने क लेज डींग की पै। माना की एक अच्छे प्राइवेट क लेज में एसमशन है,

लगता है अब ककस्मत से हाथ समलेगी, कम से कम क लेज में हालात सुधरेगी। इन सभी बातों को लेकर ददल अभी भी सेंटी है, कौन जानता है की चाइना कोरोना पाटफ 2 लेकर तैयार है?

### मिश्री: जीवन में मिठास और सकारात्मकता का द्रव



#### Khushi Kumari M

USN : 1MS23CI056

Semester : 2<sup>nd</sup>

Department : CSE AI & ML

मिश्री का दाना, जैसे एक छोटा सा चमकता हुआ सितारा... मुंह में घुलने लगे और धीरे-धीरे कड़वाहट को मिठास में बदल दे३ काश यही क्रम हमारे जीवन में भी होता...

कल्पना कीजिए: आपका दिन खराब गुजर रहा है। एक के बाद एक बुरी घटनाएं आपके मुंह में कड़वाहट घोल देती हैं। तभी आप एक चाय की चुस्की लेने के लिए हाथ बढ़ाते हैं, और आपकी नजर एक छोटे से मिश्री के टुकड़े पर पड़ती है। जैसे ही यह आपकी जीभ पर घुलता है, मिठास की एक लहर आपको अंदर तक तर कर देती है। यह एक कोमल स्मरण है कि सकारात्मक की छोटी सी चिंगारी भी परिवर्तन ला सकती है।

मिश्री केवल एक मिठाई नहीं है, यह जीवन के उतार-चढ़ाव को पार करने की हमारी क्षमता का प्रतीक है।

हम सभी ने ऐसे क्षणों का अनुभव किया है दादी की गोद में सोकर उनकी कहानियां सुनना या किसी मित्र का वह मीठा बोल जो किसी कठोर आलोचना के जहर को घोल देता है। ये छोटे से इशारे, ये 'मिश्री मोमेंट', अपार शक्ति रखते हैं।

मिश्री खुद में ही घुलकर अपने इर्द-गिर्द मिठास बढ़ा देता है। काश हम भी ऐसे ही जिंदगी जी सकते जो दूसरों के लिए सिर्फ खुशियां बनाएं, हम भी परेशानियों से घबराने के बजाय उनसे आगे बढ़ने की वह मिठास ढूंढ लें।

हो सकता है आज सकारात्मक घोलने वाले आप ही हो। किसी परेशान सहकर्मी के लिए फूल खरीदें, दिल से एक नोट लिखें या बस सुनने के लिए तैयार रहें। आपकी दयालुता ही वह मिठास हो सकती है जिसकी किसी को जरूरत हो।

जीवन में छोटी-छोटी जीत का जश्न मनाएं, खुद को और दूसरों को शमा करें, रोजमर्रा की जिंदगी में अपने लिए कुछ शांत समय निकालें, प्र-ति की गोद में थोड़ा सा समय बिताएं। इन तरीकों को अपनाकर, हम अपने नजरिए को बदल सकते हैं।

जीवन, मिश्री की तरह ही, अनुभवों का एक खूबसूरत मिश्रण है। तो मिठास को गले लगाएं, कड़वाहट से सीखें, और हर 'मिश्री मोमेंट' के साथ, आप खुशी की एक छोटी सी चमक पाए छद्य

### गुल-ए-रुखसार



#### Om Prakash Bharadwaj

USN : 1MS20EE033

Semester : 8<sup>th</sup>

Department : EEE

चेहरा उसका गुलिस्तान-ए-नाज था, जुल्फों की शाम थी,  
आँखों में माहौल-ए-बहार था,  
हर नजर उसकी एक नया नाज था,  
हर बात उसकी एक गजब का प्यार था।  
साँस मेरी जब भी उसकी जुल्फों से गुजरी,  
मुस्कान उसकी लब पे खिल जाती थी,  
ऐसी थी वो चाहत की नशे में,  
कि दुनिया मेरी इश्क की महफिल बन जाती थी।

गुल-ए-रुखसार उसके शफक से भी रंगीन,  
आँखों में ख्वाबों के मोती पिरोते,  
बात करते उसकी, दिल की धड़कन ये गाती,  
“तेरा ही हूँ मैं, खुद को खो के देखो”

इश्क के दरिया में खोया सा था मैं,  
वो किनारे के संग-ए-गमसुम सी खड़ी थी,  
आए ये खयाल फिर, कि वो निशान-ए-वफा है,  
मेरी धड़कन की हर धुन में बसी थी।

हम अपनी ही तरह कहेँ क्या उसे,  
वो जाने न जाने मेरे दिल की राज थी,  
बस इश्क के इस गजल में लिखूँ,  
“जिंदगी मेरी तेरी हो, तेरा हो हर आज मेरा।



## SKETCHES



**Neha Ganeshan**  
Semester : 2<sup>nd</sup>  
Department : ML



**Keerthi Satish**  
Semester : 1<sup>st</sup>  
Department : CS (AIML)



**Keerthi Satish**  
Semester : 1<sup>st</sup>  
Department : CS (AIML)



**Vibhashree H S**  
Semester : 6<sup>th</sup>  
Department : AI & DS



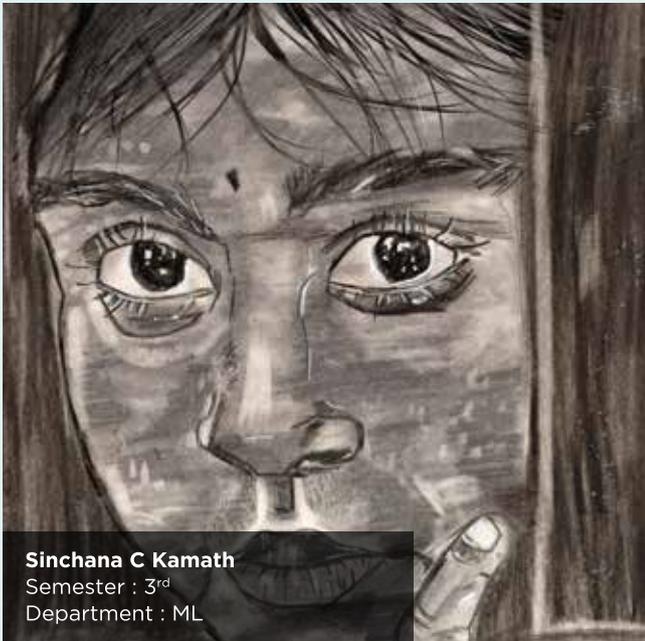
**G Vikaram**  
Semester : 1<sup>st</sup>  
Department : ML



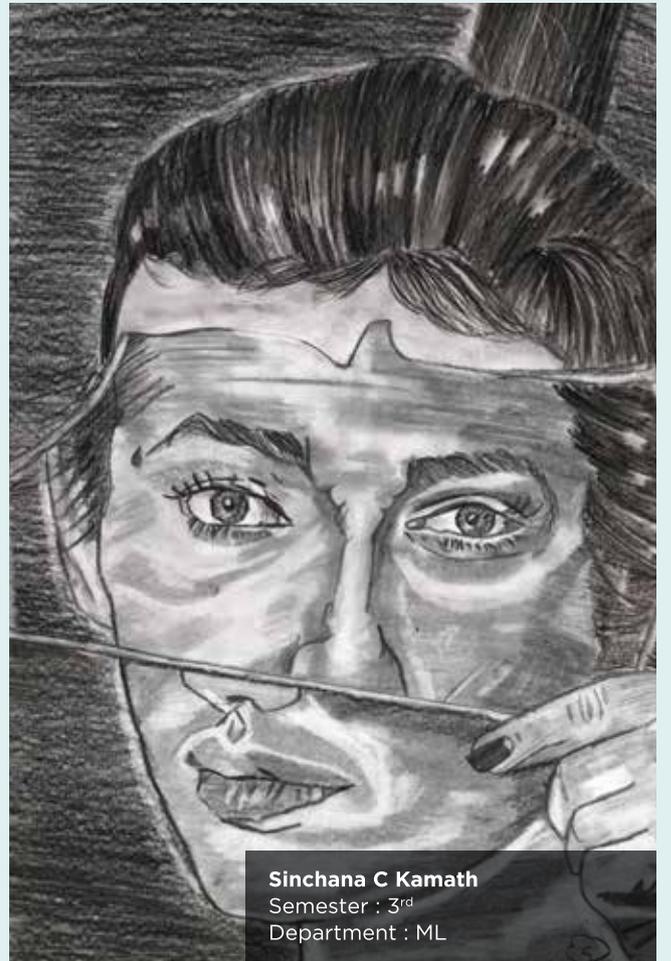
**G Vikaram**  
Semester : 1<sup>st</sup>  
Department : ML



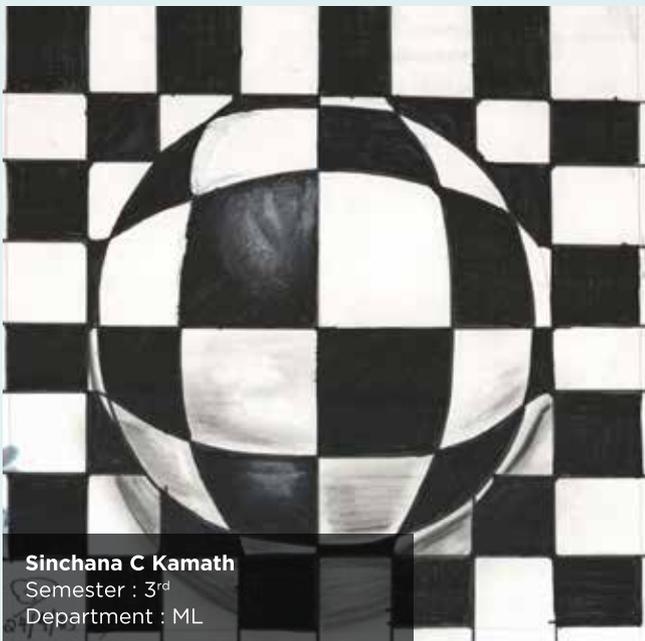
**G Vikaram**  
Semester : 1<sup>st</sup>  
Department : ML



**Sinchana C Kamath**  
Semester : 3<sup>rd</sup>  
Department : ML



**Sinchana C Kamath**  
Semester : 3<sup>rd</sup>  
Department : ML



**Sinchana C Kamath**  
Semester : 3<sup>rd</sup>  
Department : ML



**Sinchana C Kamath**  
Semester : 3<sup>rd</sup>  
Department : ML



**Vaidehi K**  
Semester : 6<sup>th</sup>  
Department : EEE



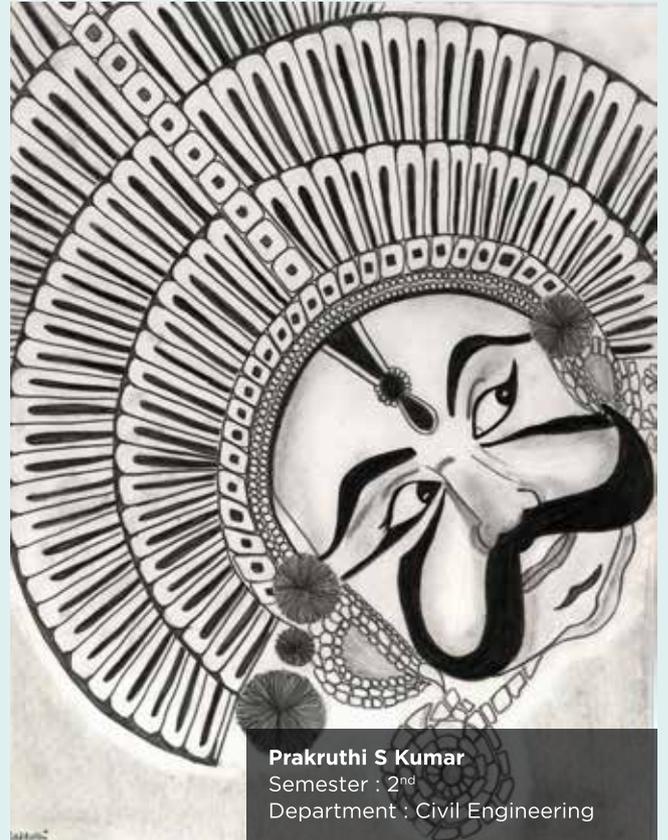
**Greeshma Bevinala**  
Semester : 6<sup>th</sup>  
Department : ML



**Greeshma Bevinala**  
Semester : 6<sup>th</sup>  
Department : ML



**Prakruthi S Kumar**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



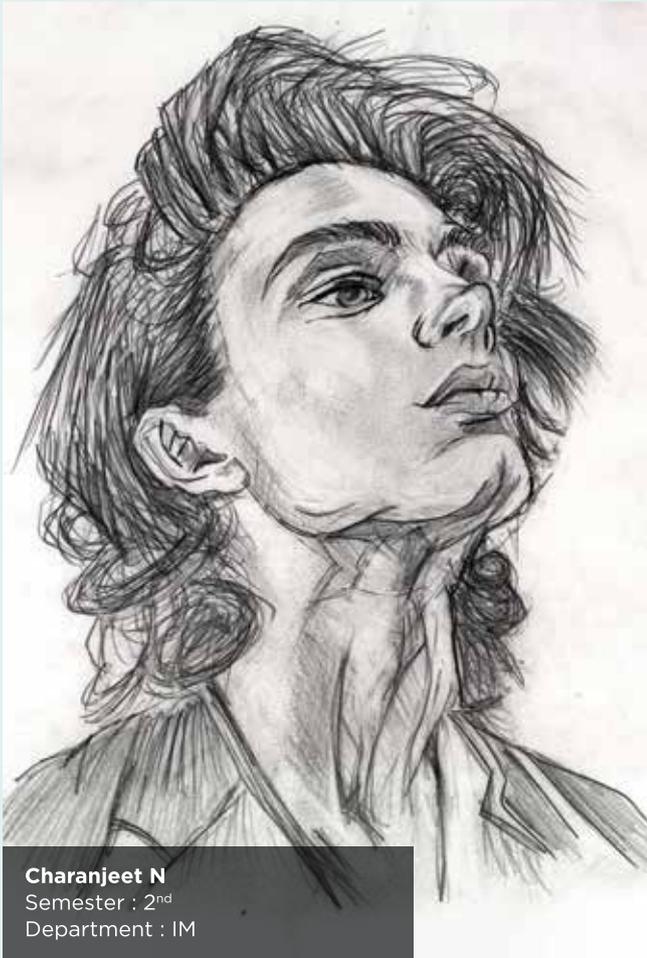
**Prakruthi S Kumar**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



**Prakruthi S Kumar**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



Nidhi Gupta  
19/03/24





**Aditya Yadav**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



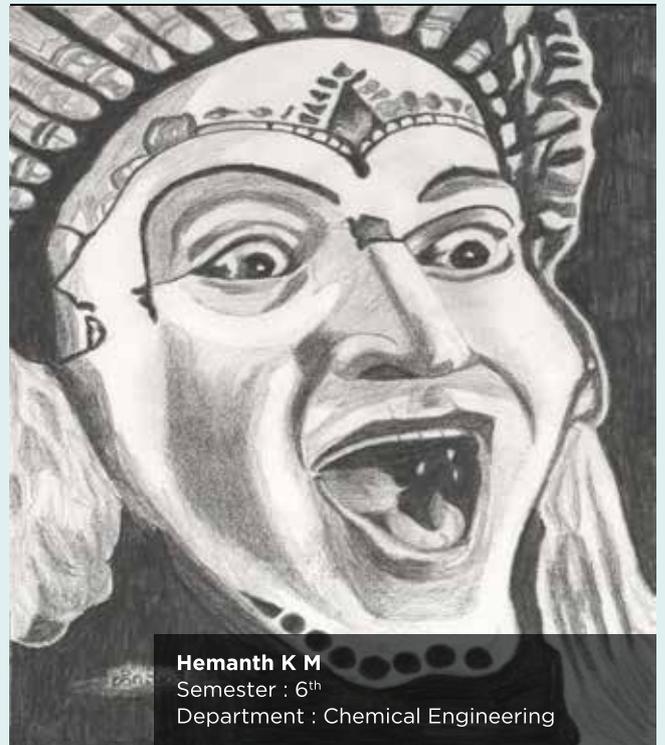
**Aditya Yadav**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



**Aditya Yadav**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



**Hemanth K M**  
Semester : 6<sup>th</sup>  
Department : Chemical Engineering



**Hemanth K M**  
Semester : 6<sup>th</sup>  
Department : Chemical Engineering



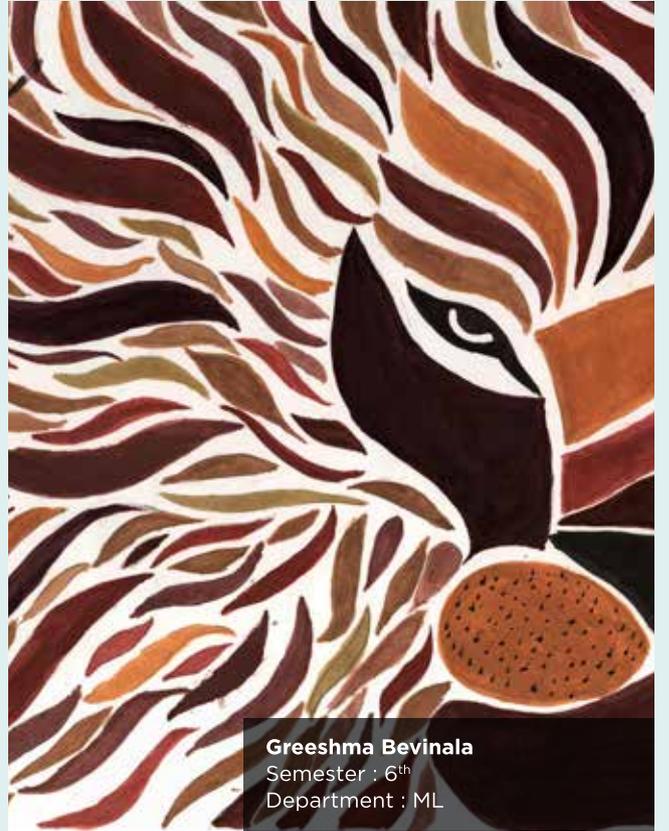
**Aditya Yadav**  
Semester : 2<sup>nd</sup>  
Department : Civil Engineering



## PAINTINGS



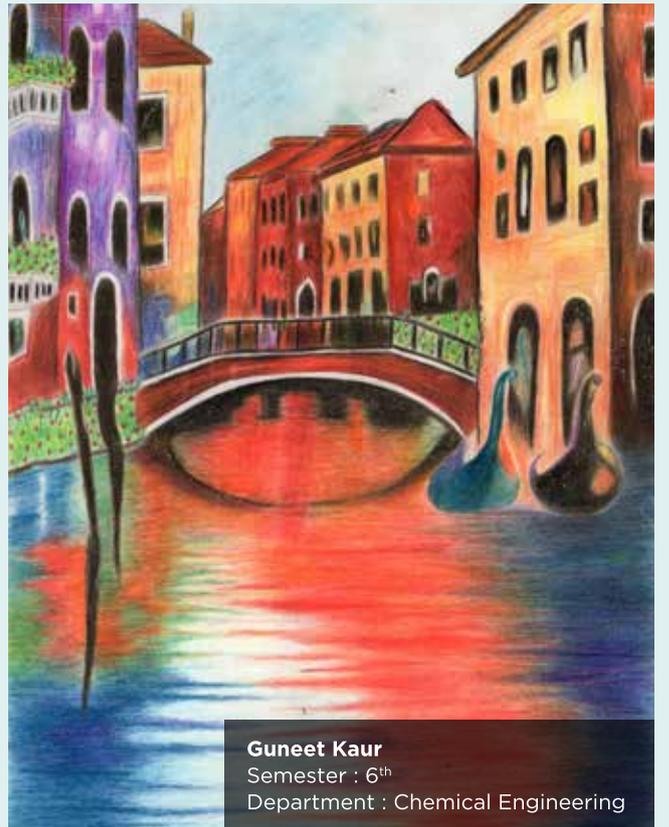
**Charanjeet N**  
Semester : 2<sup>nd</sup>  
Department : IM



**Greeshma Bevinala**  
Semester : 6<sup>th</sup>  
Department : ML



**Sinchana C Kamath**  
Semester : 3<sup>rd</sup>  
Department : ML



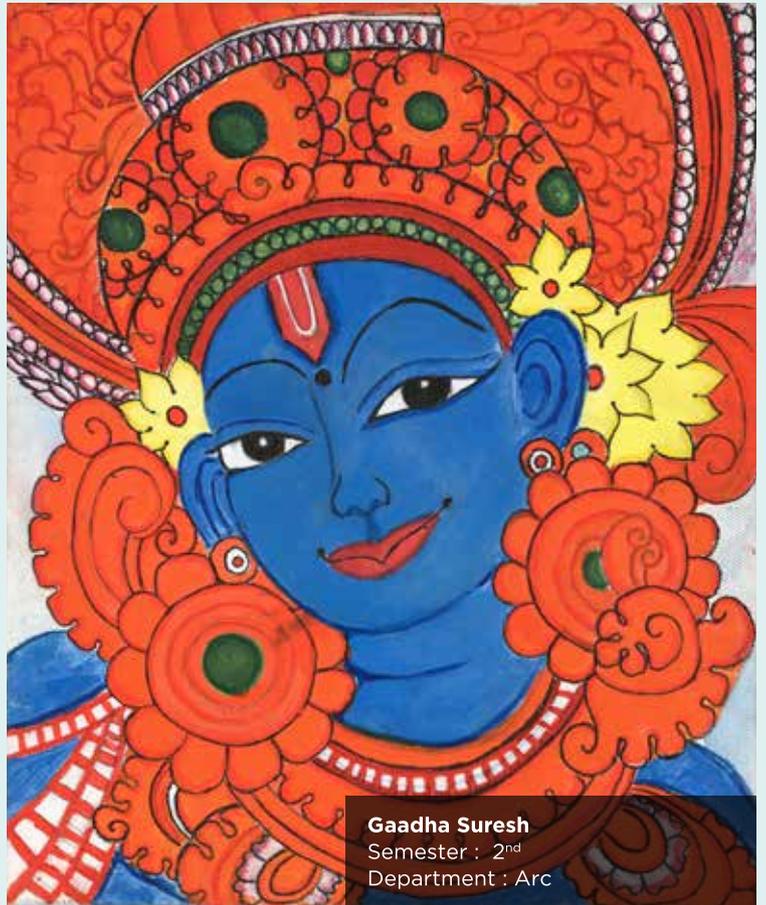
**Guneet Kaur**  
Semester : 6<sup>th</sup>  
Department : Chemical Engineering



**Saranva R**  
Semester : 6<sup>th</sup>  
Department : Chemical Engineering



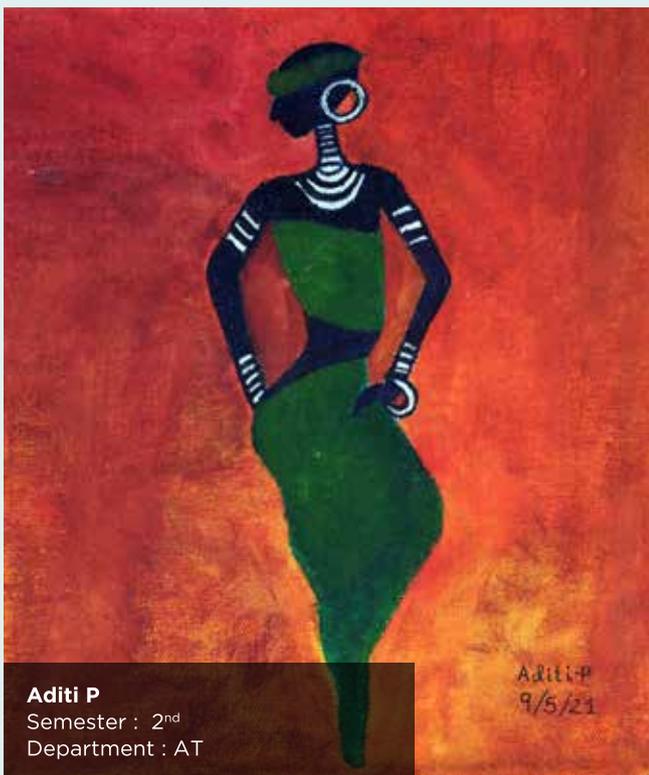
**Sreesha S Bhat**  
Assistant Professor  
Department : Arc



**Gaadha Suresh**  
Semester : 2<sup>nd</sup>  
Department : Arc

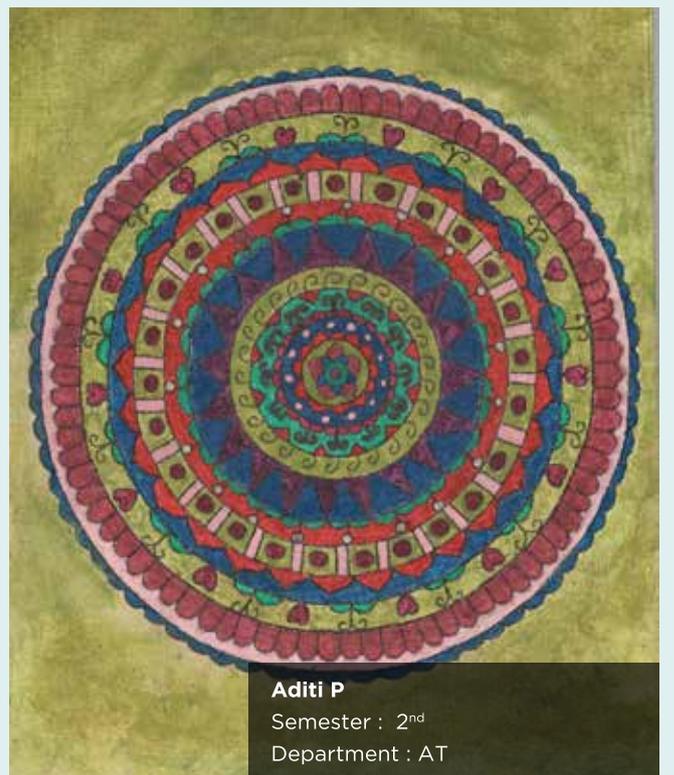


**Sarwati Patra**  
Semester : 6<sup>th</sup>  
Department : Arc



**Aditi P**  
Semester : 2<sup>nd</sup>  
Department : AT

Aditi P  
9/5/21



**Aditi P**  
Semester : 2<sup>nd</sup>  
Department : AT



**Raima Pal**  
Semester : 2<sup>nd</sup>  
Department : Civil

*Raima*



Aniket Bwain  
Semester : 2<sup>nd</sup>  
Department : AT





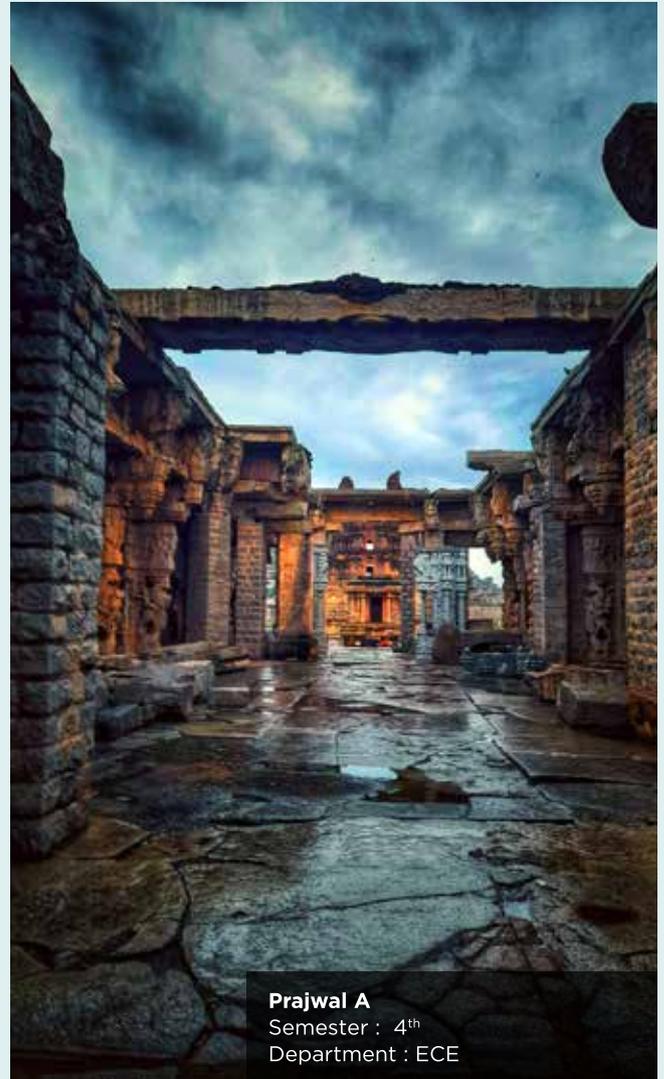
**Sanghamitra Saha**  
Semester : 10<sup>th</sup>  
Department : Arc



# PHOTOGRAPHY



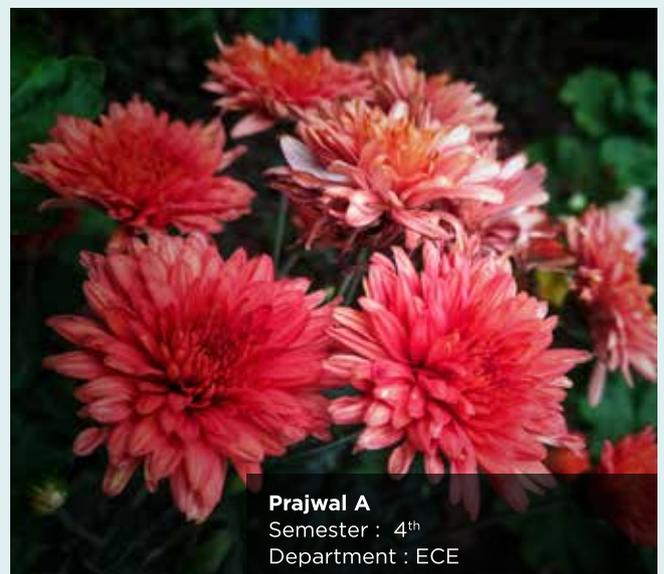
**Dr. Sai Bharadwaj A V S L**  
Assistant Professor  
Department : Chemical Engineering



**Prajwal A**  
Semester : 4<sup>th</sup>  
Department : ECE



**Dr. Sai Bharadwaj A V S L**  
Assistant Professor  
Department : Chemical Engineering



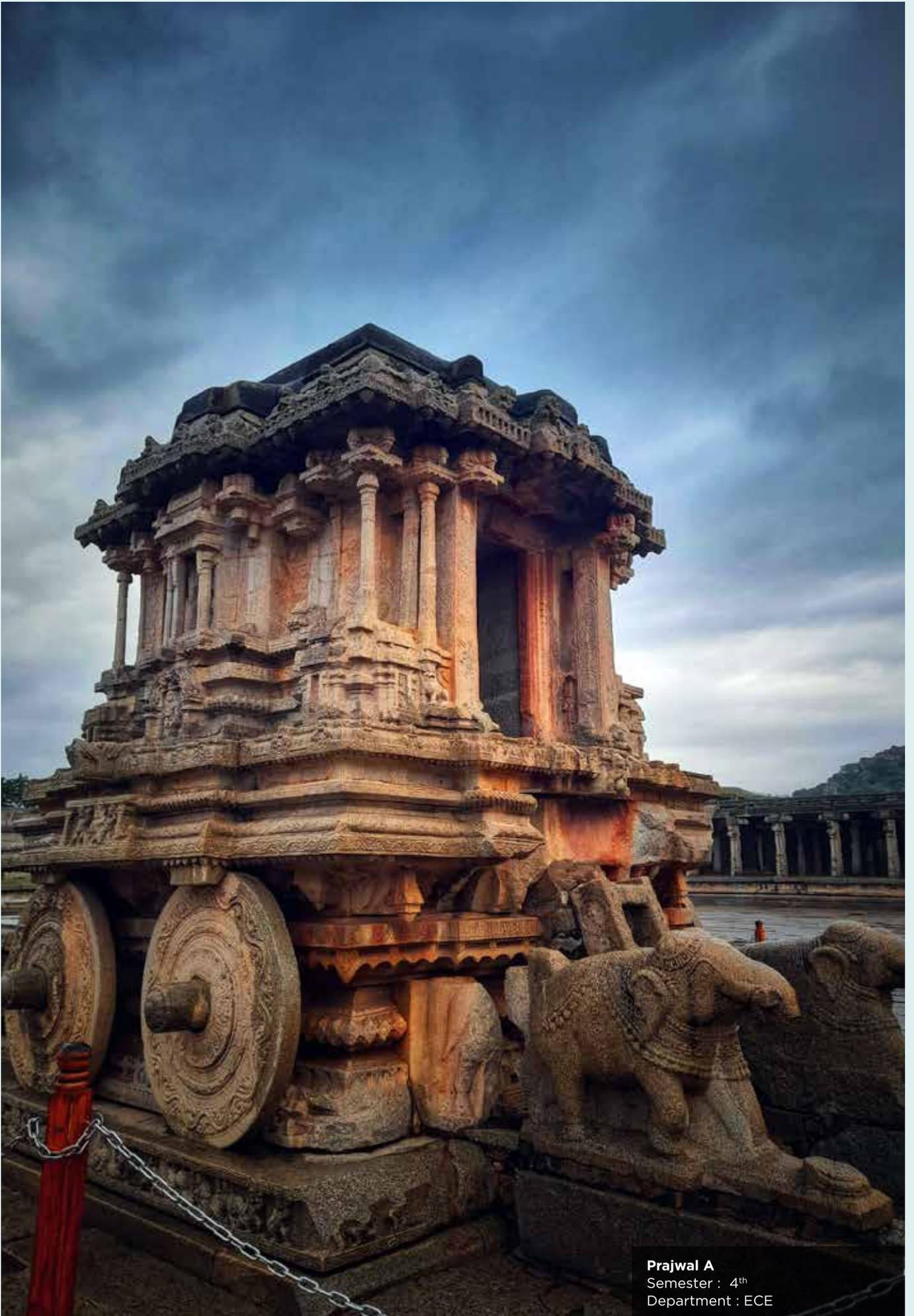
**Prajwal A**  
Semester : 4<sup>th</sup>  
Department : ECE



**Lalit Singh Kharayat**  
Semester : 6<sup>th</sup>  
Department : EIE



**Prajwal A**  
Semester : 4<sup>th</sup>  
Department : ECE



**Prajwal A**  
Semester : 4<sup>th</sup>  
Department : ECE

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**R & D TEAM**



**RIT ALUMNI MILANA - 2023**



**TECHNICAL TALK - THOMAS OOMEN - ALUMNI 1**



**ASME - 2023**



**M S Ramaiah Welfare Foundation**



**FRESHER'S DAY - 2023**



**FAREWELL TO OUTGOING STUDENTS  
HELD ON 18<sup>TH</sup> MAY 2024**



**GRADUATION DAY - 2023**

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- › Artificial Intelligence & Machine Learning
- › Biotechnology
- › Chemical Engineering
- › Civil Engineering
- › Computer Science & Engineering
- › Computer Science & Engineering (Artificial Intelligence & Machine Learning)
- › Computer Science & Engineering (Cyber Security)
- › Electrical & Electronics Engineering
- › Electronics & Communication Engineering
- › Electronics & Instrumentation Engineering
- › Electronics & Telecommunication Engineering
- › Industrial Engineering & Management
- › Information Science & Engineering
- › Mechanical Engineering
- › Medical Electronics Engineering

### Five Years Bachelor of Architecture

### Master of Architecture

(Landscape Architecture)

### Post Graduate Programs

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

### Post Graduate Programs

Two Years Master of Technology

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- › Artificial Intelligence
- › Biotechnology
- › Computer Network Engineering
- › Computer Science & Engineering
- › Data Sciences
- › Digital Electronics & Communication
- › Robotics & Artificial Intelligence
- › Structural Engineering
- › VLSI Design & Embedded Systems

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- › Biotechnology
- › Chemical Engineering
- › Chemistry
- › Civil Engineering
- › Computer Science & Engineering
- › Electrical & Electronics Engineering
- › Electronics & Communication Engineering
- › Electronics & Instrumentation Engineering
- › Electronics & Telecommunication Engineering
- › Industrial Engineering & Management
- › Information Science & Engineering
- › Mathematics
- › Mechanical Engineering
- › Medical Electronics Engineering
- › Physics
- › Master of Business Administration (MBA)
- › Master of Computer Application (MCA)



M S Ramaiah Nagar, MSRIT Post, Bengaluru - 560 054, Karnataka, INDIA  
T +91 80 2360 7902; F +91 80 2360 3124; E [admn@msrit.edu](mailto:admn@msrit.edu) / [principal@msrit.edu](mailto:principal@msrit.edu)  
W [www.msrit.edu](http://www.msrit.edu)