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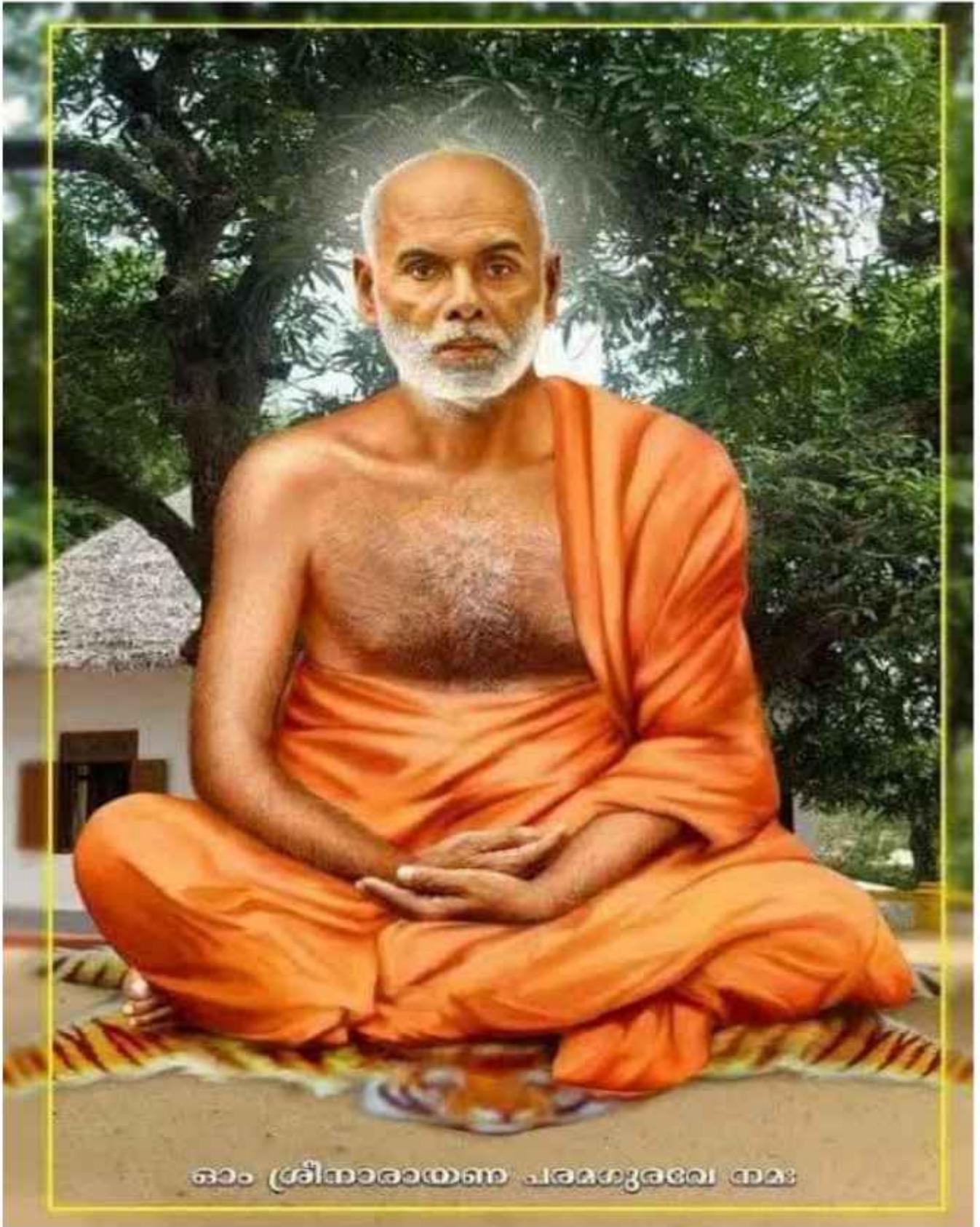
# MAHASYA

E- MAGAZINE

THE MYSTICAL  
STORIES OF  
MAHAGURUTECH

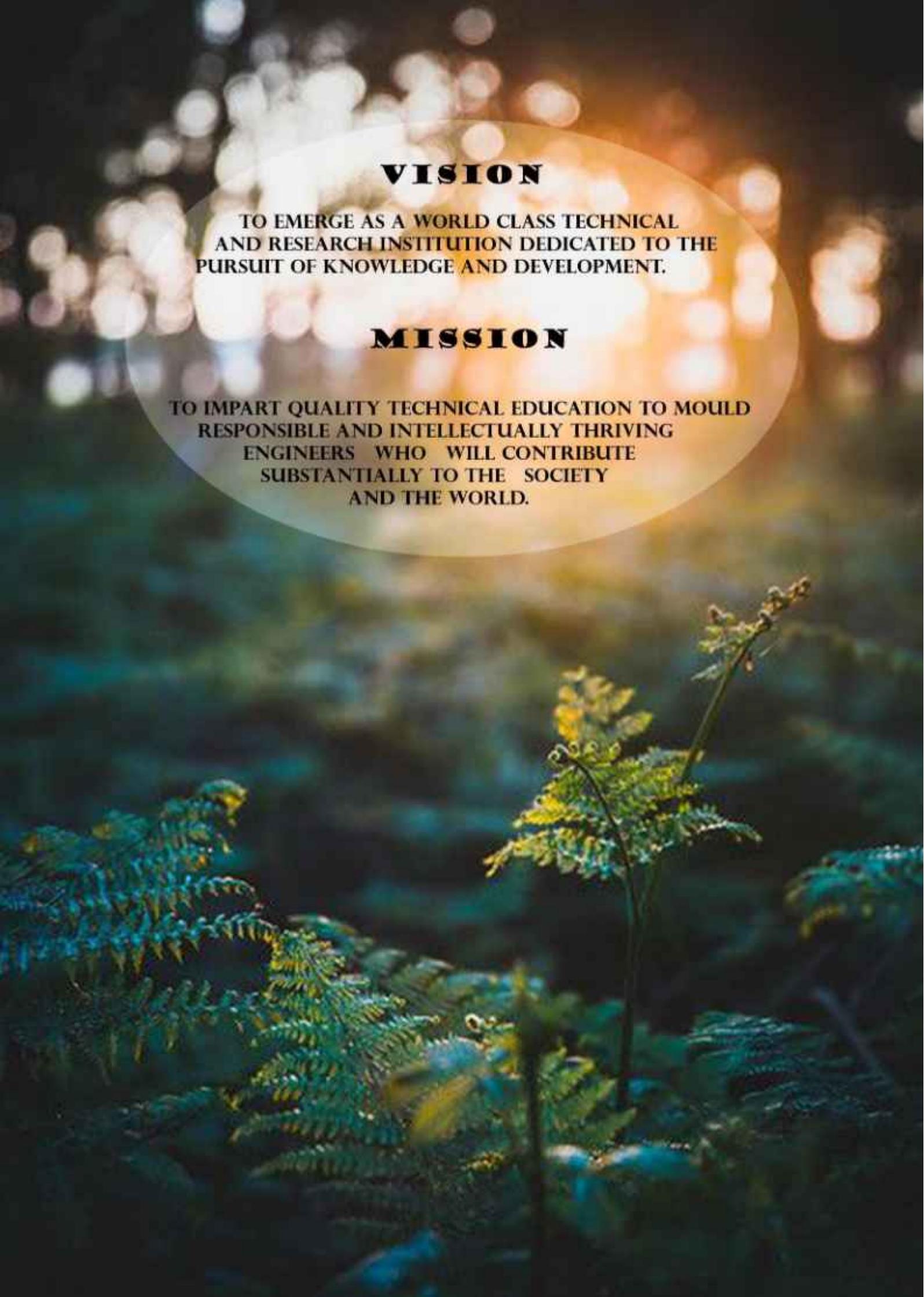


MAHAGURU INSTITUTE OF TECHNOLOGY



ഓം ശ്രീനാരായണ പരമേശ്വരവേ നമഃ

**Sree Narayana Guru**



## **VISION**

**TO EMERGE AS A WORLD CLASS TECHNICAL  
AND RESEARCH INSTITUTION DEDICATED TO THE  
PURSUIT OF KNOWLEDGE AND DEVELOPMENT.**

## **MISSION**

**TO IMPART QUALITY TECHNICAL EDUCATION TO MOULD  
RESPONSIBLE AND INTELLECTUALLY THRIVING  
ENGINEERS WHO WILL CONTRIBUTE  
SUBSTANTIALLY TO THE SOCIETY  
AND THE WORLD.**



## MESSAGE FROM CHAIRMAN



**“EDUCATION IS FOR IMPROVING THE LIVES OF OTHERS AND FOR LEAVING YOUR COMMUNITY AND WORLD BETTER THAN YOU FOUND IT “**

I deem it to be a matter of immense pleasure and honor for me to address you all through the college magazine of MAHAGURU INSTITUTE OF TECHNOLOGY. It is indeed very heartening to witness that the college has carved a name for itself in the academic scenario of the region. Education is the most powerful tool to bring desirable changes in our personality and also to bring positive changes in our society. It is the only medium which enables you to move from darkness to brightness.

**Sri. GOKULAM GOPALAN**  
CHAIRMAN





## MESSAGE FROM GENERAL SECRETARY



The major challenge for today's engineering educational institutions is to accommodate the ever varying aspirations of the younger generation because of increasingly changing demand and development in industries. We constantly put efforts to accommodate these aspirations by finally tuning the academics of college with innovative and practical oriented teaching-learning practices along with other developmental activities. MAHASYA magazine shows the way of our students talents other than their academics.

**Mr. SUBHASH VASU**  
GENERAL SECRETARY





## MESSAGE FROM ASSISTANT SECRETARY



Our goal is to change the world through education. It may sound idealistic, but this is precisely our long-term goal. It is what motivates the work of everyone at MAHAGURU INSTITUTE OF TECHNOLOGY - from faculty and staff to students and alumni. I strongly believe that there could no better way to drive and improve our nations prosperity and socioeconomic well being than through its education system. I would take this opportunity to congratulate the teamwork of MAHASYA and I appreciate every student who shared the joy of participation in co-curricular and extracurricular activities.

**Sri. V SADASIVAN**  
ASSISTANT SECRETARY





## MESSAGE FROM TREASURER



I am delighted that our students have published the college magazine MAHASYA 2021. The editorial board has done a fair job to put up facts before students and parent community. To express ones thoughts, college magazine is the best platform, and this is what our students have expressed in terms of contributions towards the magazine. I congratulate editorial board for unleashing the hidden potentials of the students and making this magazine a chapter of Mahaguru's history.

**Sri. S BABURAJ**  
TREASURER





## MESSAGE FROM PRINCIPAL



It gives me immense pleasure to note that the final year students (2017- 2021 batch) are bringing out college magazine MAHASYA, such activity brings out the creativity of the students and helps them learn valuable lessons of cooperation, leadership and team work.

MAHASYA is a perfect blend of literary articles, art, personal experiences and wonderful memories of students which reflect their creativity and potential.

I am very happy to convey my congratulations and best wishes to all the students and faculty for their endeavors in bringing out this wonderful magazine.

**Dr. MANJU J**  
PRINCIPAL





## MESSAGE FROM ACADEMIC DEAN



I am extremely proud of your effort to publish the college magazine for the academic year 2020-2021 during the time of pandemic when the classes are mostly online. Education aims at the holistic development of students. Creative writing is an integral part of learning. The college magazines play a vital role in providing an opportunity of expression for the creative minds and represent aspirations of the students. Hearty congratulations to the Principal, faculty, staff and students who have contributed to the magazine and wish them the very best for all the future endeavors.

**Dr. K. JACOB**  
ACADEMIC DEAN



## *Messages from Head of departments*



**Prof. K. S. Sasi**

**Head of the Department**

**Science and Humanities**

“I am happy to know that Mahaguru tech is bringing out a college magazine. I take this opportunity to congratulate everyone associated with this endeavour and extended my hearty greetings and felicitation to the magazine being published.”



**Prof. Arun Kumar. G**  
**Head of the Department**  
**Mechanical Engineering**

“Learning is not a process limited to colleges only, nor does it end with the conclusion of one’s career. It is indeed a lifelong process. Dear students, it is my message to all that the people of fine character live by their values. They are honest and are committed to truthfulness in thought, word and deed. True character thus encompasses the capacity for self-discipline.”



**Prof. Priya Grace Itti Eipe**  
**Head of the Department**  
**Civil Engineering**

“It is a matter of great pride and joy that the students of Mahaguru Institute of Technology have released the college magazine titled Mahasya. A college magazine in its true sense serves as a platform for the students to express their views and ideas and its contents are an apt representation of the dynamics of the vibrant student community of the college. I am sure this magazine will serve its purpose and I congratulate all the students who have worked tirelessly towards the success of this venture. Looking forward to the future editions of Mahasya in the coming years as well. All the best.”



**Prof. Suma S. G**

**Head of the Department  
Computer Science and Engineering**

“I am extremely happy to know that the final year students are preparing college magazine. I appreciate the efforts taken by the editorial board in compiling useful information and activities. This clearly reveals that the students are trying to expand in all spheres of academics, co-curricular and extra co- activities under the guidance of faculties”



**Prof. Ratheesh Kumar. S**  
**Head of the Department**  
**Electronics & Communication**  
**Engineering**

“Every day digital media becomes more important as a means of receiving, producing, sharing and broadcasting information. There is no doubt that digital publications have always been a great option that provides a whole new world of magazine design. It gives me immense pleasure to note that the students are bringing up their digital magazine for the year 2020-2021 that go forth and do yourself proud...”



**Prof. Rahul. P. Raj**

**Head of the Department**

**Electrical & Electronics**

**Engineering**

“Success is achieved through determined effort. When you are determined to succeed, you will do your best. When others see how hard you are working, they will help you and do whatever they can to help you achieve your goals. When you are determined to succeed, you develop and progress, even if the result is not what was expected. I congratulate the editorial team for their efforts and good work in bringing out the college magazine.”



**Dr. B. Sasi**  
**Chief Superintendent**  
**Exam Cell**

“I feel extremely happy to speak to you through MAHASYA, our college magazine. History echoes to us that those who have courage to imagine the impossible are the few unique personalities who broke all human limitations of through-action. In every field of human efforts, whether science, technology, medicine, arts, sports, industry, the names of people who imagines impossible are engraved timelessly in human history. Congratulations to the editorial team who shaped the magazine.”

*Forever in our hearts....*

*MIT bows in loving memories of our dear students and faculties who are in heaven. May their soul rest in peace.*

*Our dear faculties*



*Ms. Anuratha P. S*

*Former Student & Staff*



*Mr. Jerry Varghese*

*Our beloved students*



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Anujith (EEE)



Akhilesh (Mech production)



Greeshma (CSE)



Sanjeev (Mech)



Shambu (Mech)

# EDITORIAL

The global outbreak of the COVID-19 pandemic has spread worldwide, affecting almost all countries and territories. It even caused a dramatic change in education, with the distinctive rise of e-learning. All educational activities are turning to digital platforms, and all are being get along with the new techniques for learning. Here comes the need of digital magazines to engage, inspire, inform and entertain as it become an intensely engaging way to hold a reader's interest with an extra activity for all.

So here we have "MAHASYA", the long-awaited magazine for the year 2020-2021. The name of the magazine comes from Mahaguru + Rahasya which means "THE MYSTICAL INNER STORIES OF MAHAGURU". MAHASYA is more than just a magazine where the potentials, talents, achievements, vision of our college get reflected. This is the proud moment where our teachers and students take pride in their hard work and cherish their fruits of labor and sincerity of the year that is gone by.

The journey of weaving MAHASYA would not have been possible without the constant guidance and motivation of our beloved Principal Dr. Manju J, Academic Dean Dr. K. Jacob and our faculties. This small piece of literary work shall not only develop the taste of reading among our students but also develop a sense of belonging to the institution as well as they take a trip down the memory lane with MAHASYA....

**AMJITH. S**  
**CHIEF EDITOR**

## **STUDENT EDITOR'S NOTE**

Dear Reader,

Greetings to you!!!

Very few have fully realized the wealth of sympathy, kindness and generosity hidden in the soul of an engineering student. The effort of every educator should be to unlock that treasure and Mahaguru Institute of Technology is an excellent example where everyone strives indefatigably for this. This institution has been nurturing young minds of the town for the past decade. Since its inception, the main aim is to deliver quality education and give students the light exposure by maintaining international standards of technical education.

We are very much pleased to present to you "MAHASYA" our first College E-Magazine of Mahaguru Institute of Technology. Enjoy every moment you have because in life there aren't rewinds, only flashbacks. For you, we have worked hard to bring up an exhilarating flashback of the inception of the college, its history, technical events, cultural fests and achievements during past session.

We have for you, from the students, a wide range of poetry, drawings and paintings, informative academic technical projects and some inspirational articles and many more...

Happy Reading!

**P. A. MARSHAL**

**ANJANA. S**

**BHAGYA LEKSHMI**

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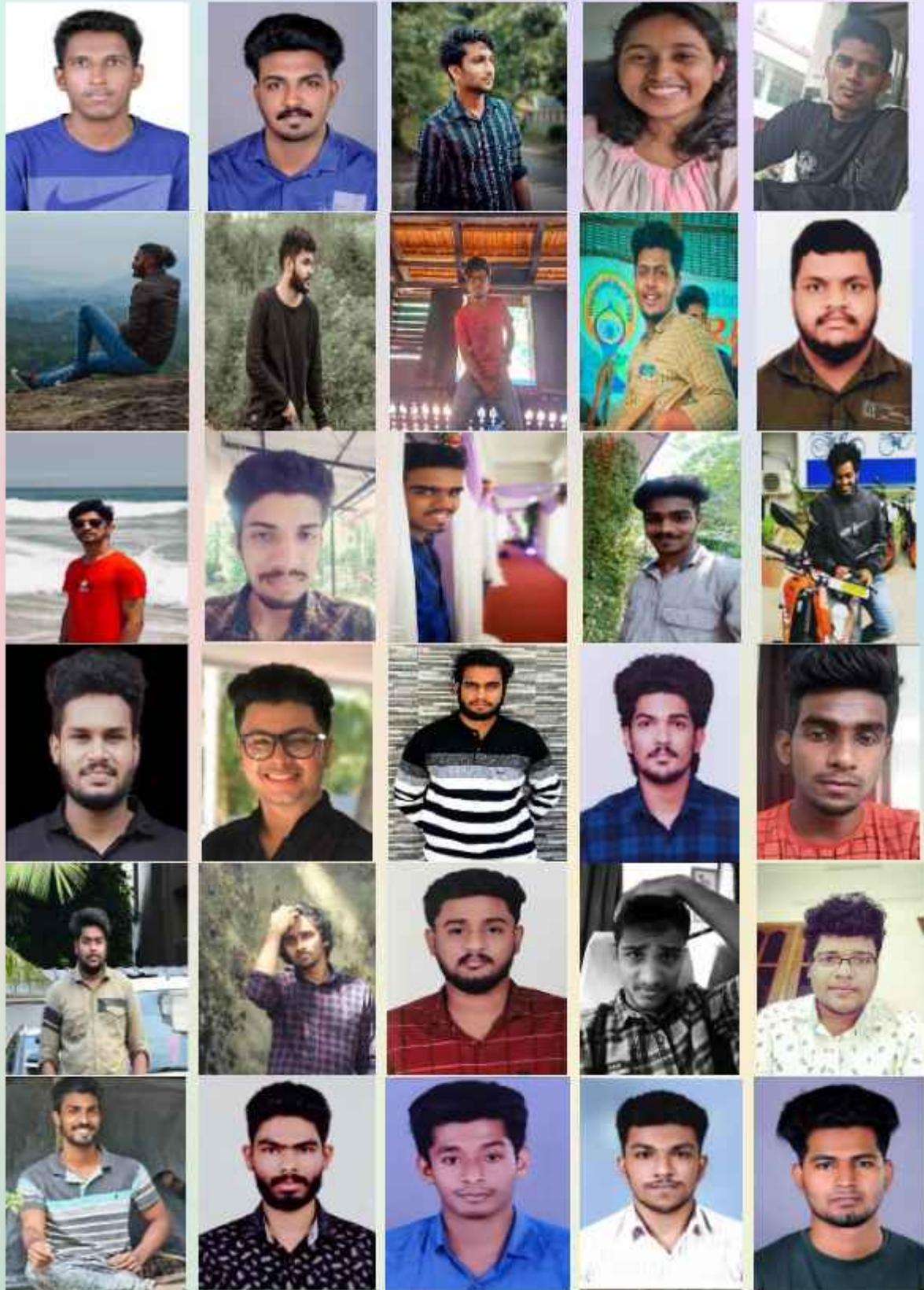
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Mr. Viswanathan

OUTGOING STUDENTS (B TECH 2017-21 BATCH)

MECHANICAL ENGINEERING





# CIVIL ENGINEERING





# COMPUTER SCIENCE AND ENGINEERING



*ELECTRONICS AND COMMUNICATION ENGINEERING*



*ELECTRICAL AND ELECTRONICS ENGINEERING*



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**Akshaya. B (CE)**



**Deeshma. D (CE)**



**Fathima Basha C. S (CE)**



**Arya Prakash (CE)**



## MAHASYA

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## INTERVIEW WITH SURAJ SHAJI IAS



**Suraj Shaji** is an efficient IAS officer currently working as the Sub Collector of Tirur, Malappuram. He is well known for his achievement, ranked 288 in UPSC exam. He is from Mavelikera, Alappuzha. He did his schoolings in Sardar Patel Vidyalaya in Delhi. Later on he graduated in Economics from Delhi College of Arts and Commerce. He also worked as officer trainee at Indian Administrative Service in Mussoorie. He is an auto enthusiast, socialist and also interested in football and poetry.

### **Excerpts from an interview with Suraj Shaji IAS by the editorial team of MGIT**

**1. Sir, What inspired you most to get into this field? Whether it is childhood dream or passion?**

My father was a Government employee, so he inspired me the most to get into this field. Since childhood I was observing my dad's activities and also got opportunities to visit his office so that interested me well to get into this field.

**2. Who influenced you most to get into this career?**

That would be my father of course. He used to tell me all the matters related to his office which influenced me a lot because being a public servant I can also help the needy society.

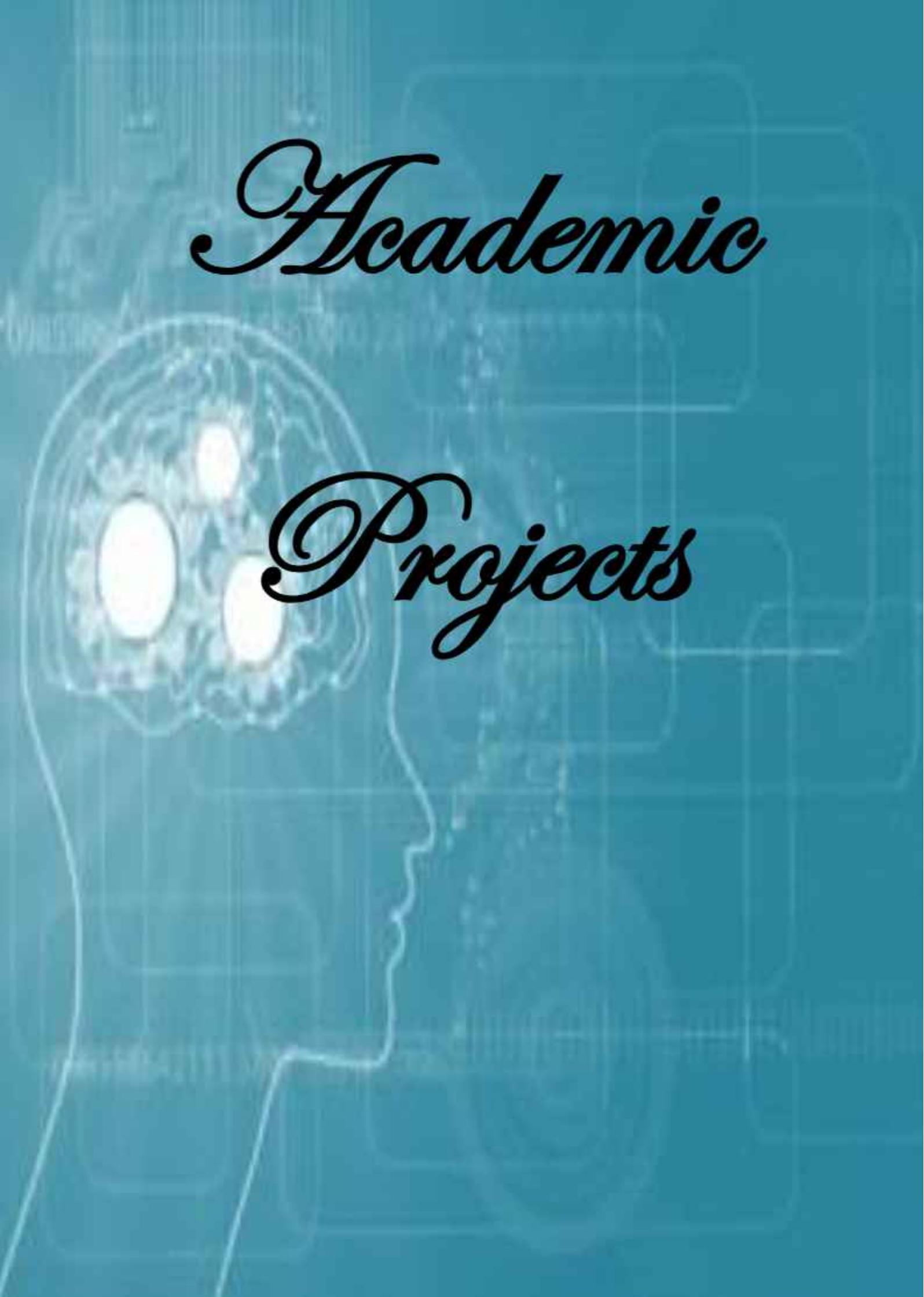
**3. Have you faced any obstacles in your life to get into this field?**

No. Because my family was very supportive.

**4. Can you give some advices for the engineering students?**

The majority of people clearing the UPSC examinations are engineering students. The biggest reason behind that is, all subjects they study are almost neutral and also civil service aptitude test can be easily cracked by them because it is mostly numerical based. And now due to increase of technologically oriented services they have prior chances.





*Academic*

*Projects*

# *SAIRA*

As we all know the ongoing COVID 19 pandemic is wrecking havoc on the entire human civilization. There is not a single sector that is not affected by this let it be infrastructural development, educational sector or health sector. Even though vaccine drive is active, till today the most effective preventive method is quarantine of both confirmed and suspected patients. Even this imparts a huge problem on a psychological aspect of human life. Quarantine effectively means isolation from rest of one's world, isolation from his family friends and his entire life. For some this isolation affects their mental health with resulted in an increased suicide rate in quarantined patients.

Many solutions are being formulated to overcome the effects of COVID 19 on human life. "Saira" is one among them. Developed by Mr. Ratnakumar, Mr. Nandu. V. Pillai, Mr. Devanarayanan, Mr. Anandhu, Mr. Akshay who are Mechanical Engineering students of Mahaguru Institute of Technology. "Saira" is a robot to aid humans in these hard times.



# SAIRA



കോവിഡ് പ്രതിരോധം: യന്ത്രമനുഷ്യനെ നിർവിച്ഛി വിദ്യാർത്ഥികൾ

കോവിഡ് പ്രതിരോധം: യന്ത്രമനുഷ്യനെ നിർവിച്ഛി വിദ്യാർത്ഥികൾ

കോവിഡ് പ്രതിരോധം: യന്ത്രമനുഷ്യനെ നിർവിച്ഛി വിദ്യാർത്ഥികൾ



## *FULL BODY SANITIZER MACHINE*

Engineering students with an inexpensive automatic full body sanitizer machine to combat COVID 19. The machine was developed by Sahal Mohammad, Mohammad Hilalshah, Aravind, Jazeel Mohammad and Sangeeth Krishna, fourth year mechanical students of Mahaguru Institute of Technology, Kattachira, Kayamkulam. Project Coordinator Sangeeth S Kumar, HOD Arun Kumar also helped in the construction of the sanitizer machine.

The students came up with the idea of a low-cost venture after realizing that it was not practical for the common man to buy a machine worth over Rs 10,000 in the market. The machine cost around Rs 1,500 to build. They also say that manufacturing on an industrial scale can significantly reduce costs. It is designed to be used in crowded places such as shopping malls, hospitals, businesses, hotels, buses, movie theaters, etc. It can be used indoors at very low cost with a slight change in design. The device is designed to detect the presence of people and spray for 15 seconds.



MAHAGURU  
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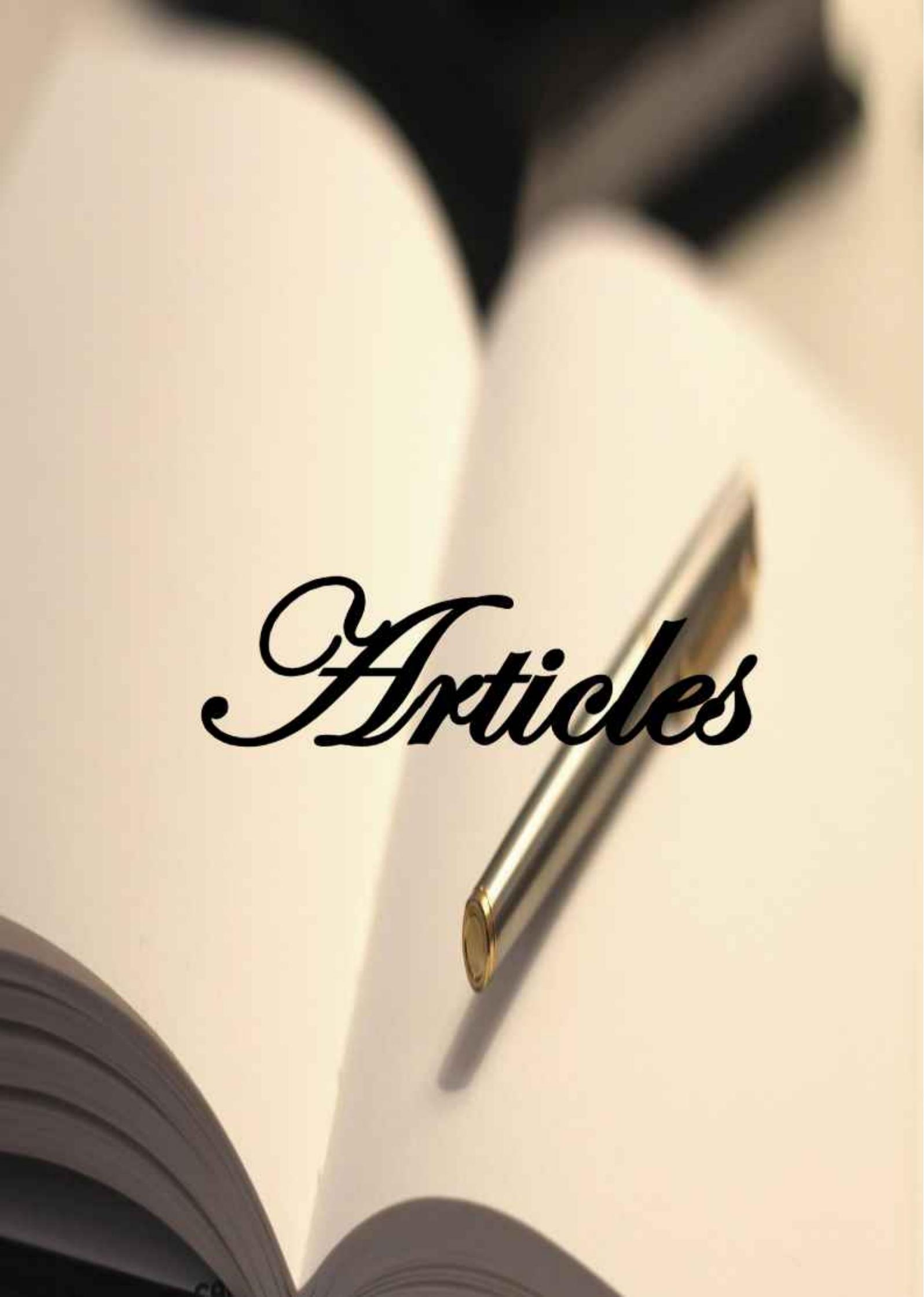
KERALA  
POSTED ON 24 JUN 2021 11:31 AM  
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**ചെലവ് കുറഞ്ഞ  
ഓട്ടോമാറ്റിക് ഫുൾ ബോഡി  
സാനിറ്റൈസർ  
രെഷിനുവായി കോളേജ്  
വിദ്യാർത്ഥികൾ**



By മാധുര അയ്യപ്പൻ  
കാമ്പസ്കൂട്ടാ: കൊവിഡിനെ  
പ്രതിരോധിക്കാൻ ചെലവ് കുറഞ്ഞ



*FULL  
BODY  
SANITIZER  
MACHINE*



# *Articles*

## ROBO PETS

Pets are often lovable companions that bring joy to their respective owners. However, one of the inconveniences of pet ownership is the constant support that pets require as most are not self-sufficient. For those seeking a pet companion but not the responsibilities a robotic pet may be a option. While the major benefit of a live pet is the unwavering companionship, robotic pets have nice benefits in their own right.

**Fewer Responsibilities.** Unlike a real pet, there is no need to continually refill the water and food bowls. Better yet, there are no sad, puppy-dog eyes seeking food off the dinner table. As there is no need to feed the robotic pet, there is also no dealing with any after-dinner walks. And there's the benefit of a home free of the odours associated with those bodily functions. Live animals, especially dogs, get dirty, can be smelly smell, and need a bath. However, with a robotic pet, none of that is required.

### Robotic Pets won't be a "Bad" Pet

Real pets, especially those that are not trained, may chew on or damage furniture or other properties. Animals may also bite those who feed, pet, or attempt to play with them. A live pet may make unwanted or excessive noises, such as loud barking from a dog or continuous chirping from a bird. (Time to call a trainer) On the other hand, a robotic pet's actions are always controllable.

### Less cost in the Long Run

The price of a robotic pet will may vary and the same is true for the price of a live pet as it would apply to the pet's breed, heritage, and consumer market. However, robotic pets will cost less in the long run as the majority of the expenses will be absorbed in the initial purchase, given that only batteries or electricity for recharging is needed to be purchased in the future. The cost of a live pet becomes more expensive over time as an owner will continually have to purchase food, toys, and health care.

### Robotic Pets Are Convenient

Some studies have shown that robotic pets are just as beneficial in preventing loneliness particularly among the senior population. Robotic-pet owners have full control over their pet and can initiate attention and playtime because a robotic pet can be turned off. The

A faded background image of a person sitting on a bench with a dog. The person is wearing a light-colored top and dark pants. The dog is sitting next to them, looking towards the camera. The overall image is in grayscale and has a soft, out-of-focus appearance.

absence of support required when an owner leaves the home or goes on vacation is another consideration.

### Robotic Pets Do Things Live Pets Can't

Robots are programmed to perform certain functions, such as to communicate with the owner. Some highly-advanced robotic pets can be trained by the owner. If the owner prefers a pet that has the excitement of a new puppy, that's a behavioral option for the robotic pet allowing an owner to indefinitely have a puppy. Robotic pets will vary in technological capabilities, but robotic pets will only get better as technology continues to advance. A simple robotic pet may be stationary and have limited actions, typically facial movements such as closing and opening the eyes and mouth. Other robots are available that are mobile, including the ability to follow an owner around, or that have more intricate features such as recognizing voice commands. While robotic pets may not fulfill the real-life aspect desired by some, the pets certainly do have their own advantages. Some of the benefits are directly the opposite of the negatives associated with a live pet, which will greatly appeal to some prospective owners. It will ultimately be a personal choice, but don't forget. Having one doesn't mean not having the other. Owning both is always a possibility, and an owner's live pet may possibly enjoy playing with the robotic pet too.

**AMJITH. S**

**ASST. PROFESSOR**

## Tokyo Olympics 2020: Neeraj Chopra wins historic Gold in javelin throw, India's first athletics medal in 100 yrs

It was a historic day for the nation as Neeraj Chopra's javelin pierced the Tokyo night sky to herald a new dawn for Indian sports. August 7 of 2021, dateline Tokyo, will be etched in Indian hearts for eternity as the 23-year-old from Haryana won India's first track and field gold medal at the Olympics. This was also India's first gold medal since Abhinav Bindra's won the 10m air rifle gold in 2008. With Neeraj's gold on the penultimate day, India ended its campaign at the XXXII Olympiad with seven medals – the country's best performance at the Summer Games. The gold medal-favourite, Germany's Johannes Vetter endured a tough start and managed a best of 82.52m. Vetter was eliminated from the competition after three throws and finished ninth. Neeraj had a third throw of 76.79m and he fouled on the next two attempts, but it did not matter. The last word of advice Neeraj got from coach Bartonietz was: "Maje karo (have fun)." Neeraj, though, was barely able to sit down as the competition moved into the last three throws. He shadow-practised throughout in a corner, cheered on by the 20-odd Indian contingent in the stands. But by 8.45 JST, the field had thinned out and only the two Czech Republic throwers – Jakub Vadlejch (86.67m) and Vitezslav Vesely (85.44) – remained. "These guys had me frightened until the very last throw," Neeraj said later, flanked by the two Czech throwers at the press meet. His last throw of 84.24m was not his best of the night, but he had sealed the best moment of his life. The bandana-wearing athlete from Panipat in Haryana gave 1.3 billion people a reason to celebrate, a reason to cry, and a reason to unite. Wearing the medal, which many in India have yearned for, Neeraj remembered the legendary Milkha Singh, who finished fourth in the 1960 Rome Olympics. Neeraj dedicated his medal to Milkha, who passed away in June. "When we were in Kourtane, Milkha Singh ji passed away and I felt very bad. I did not meet him when he was alive, and I wanted to meet him with an Olympic medal. Sadly, he's not among us but I hope he's seeing us from above and is happy (medal) that his dream has come true. Even other athletes like P. T. Usha and others who missed out on a medal by centimetres - I hope they're all happy."

The legends and the entire nation were indeed happy as Neeraj flew the tricolour high.

**AMJITH. S**

**ASST. PROFESSOR**

## **IMPORTANCE OF HOBBIES**

Hobbies are as old as the human race. Hobby is the best form of recreation one can provide to one's body and mind. A person who engages in an activity solely for fun is an amateur hobbyist, as opposed to a professional who engages in an activity for reward.

Hobbies help to fill gaps and revive us from a depressed state of mind. It'll help us to explore our dormant talents and makes us self-confident. One can acquire substantial skill and knowledge in his/her area of interest and relaxes a tired mind. Even though it is done for pleasure, regular practice will make us an expert and helps us to be more creative. Many people pursue their once hobby as their profession due to passion. It provides them fame and a means for their life. Hobby is, therefore, constructive and rewarding. It gives the mind something positive to hold on to the mind something. Nothing can make you feel bored while you have an interesting hobby to turn to.

Famous indoor recreations are collecting, creative hobbies include scale modelling/dioramas, reading, painting etc and some famous outdoor recreations are performing arts, gardening, sports, etc.

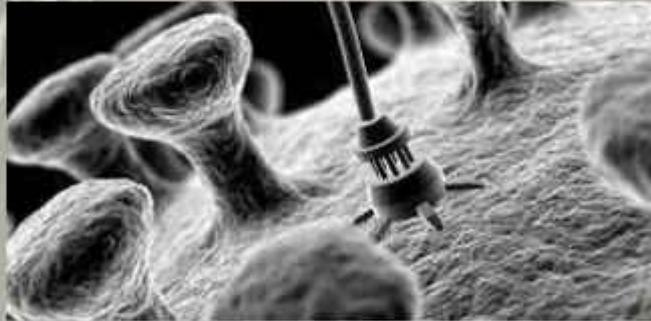
**SHILPA. B. ANIL**  
**S3 CE**

## HOW TO IMPROVE YOUR LIFE

- \* Do not compare your life with that of others because you do not know what their perception and aspirations are.
- \* Do not have negative thoughts about things you can't control.
- \* Do not over do anything, always keep within your limits.
- \* Do not take yourself so seriously, no one else does.
- \* Do not waste your energy on gossip.
- \* Dream more when you are awake.
- \* Forget issues of past. Do not remind others of their past mistakes.
- \* Do not hate others - life is too short to waste time doing so.
- \* Realize that life is a school and you are here to learn.
- \* Problems are part of life, but the lessons that you learn from them will last a lifetime.
- \* Do not insist on winning every argument. Agree to disagree, that is better.

**SHILPA. B. ANIL**  
**S3 CE**

# **THE ROLE OF NANOTECHNOLOGY IN COVID-19 TREATMENT**



Nanotechnology can be defined as the science and engineering involved in the design, synthesis, characterization, and application of materials and devices whose smallest functional organization, in at least one dimension, is on the nanometre scale or one billionth of a meter. At these scales, consideration of individual molecules and interacting groups of molecules in relation to the bulk macroscopic properties of the material or device becomes important, as it has a control over the fundamental molecular structure, which allows control over the macroscopic chemical and physical properties. Nanotechnology has found many applications in medicine and this article outlines includes some such applications.

## **NANOSCIENCE AND NANOTECHNOLOGY**

Nanoscience is the study of structures and molecules on the scales of nanometers ranging between 1 and 100 nm, and the technology that utilizes it in practical applications such as devices etc. is called nanotechnology. As a comparison, one must realize that a single human hair has 60,000nm thickness and the DNA double helix has a radius of 1nm. The development of nanoscience can be traced to the time of the Greeks and Democritus in the 5th century B.C., when scientists considered the question of whether matter is continuous, and thus infinitely divisible into smaller pieces, or composed of small, indivisible and indestructible particles, which scientists now call atoms.

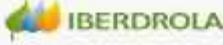


## **POSSIBLE MECHANISMS OF NANOTECHNOLOGY IN RELATION TO MEDICINE**

These materials and devices can be designed to interact with cells and tissues at a molecular (i.e., subcellular) level, for applications in medicine and physiology, with a high degree of functional specificity, thus allowing a degree of integration between technology and biological systems not previously attainable. It should be appreciated that nanotechnology is not in itself a single emerging scientific discipline, but rather, a meeting of different traditional sciences, such as, chemistry, physics, materials science and biology, to bring together the required collective expertise needed to develop these novel technologies. The promise that nanotechnology brings is multifaceted, offering not only improvements to the current techniques, but also providing entirely new tools and capabilities.

By manipulating drugs and other materials at the nanometre scale, the fundamental properties and bioactivity of the materials can be altered. These tools can permit a control over the different characteristics of drugs or agents such as:

1. Alteration in solubility and blood pool retention time.
2. Controlled release over short or long durations.
3. Environmentally triggered controlled release or highly specific site-targeted delivery.

 **Nanotechnology,**  
up close

**Advantages**



**Promoting renewable energies**  
It enables new ways to obtain and store energy. It also makes solar panels cheaper and more efficient.



**It extends the limits of electronics**  
Unlike silicon microchips, nanochips will make it possible to build very precise circuits at an atomic level.



**It allows a more effective medicine**  
Arteries can be unblocked, cells can be selectively attacked, damaged genes can be repaired and faster and more precise surgeries can be performed.

**Disadvantages**



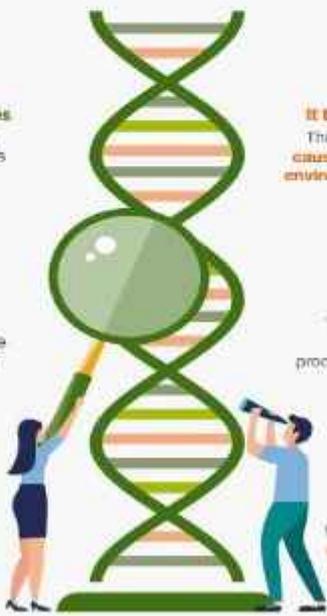
**It threatens the environment**  
This type of technology could cause negative effects on the environment by generating new toxins and pollutants.



**It has an impact on the job market**  
The obsolete materials and changes in production processes could destroy jobs, but this technology could create others.



**It compromises the safety**  
The properties of this technology could facilitate espionage, the production of nanoweapons and smart bullets.



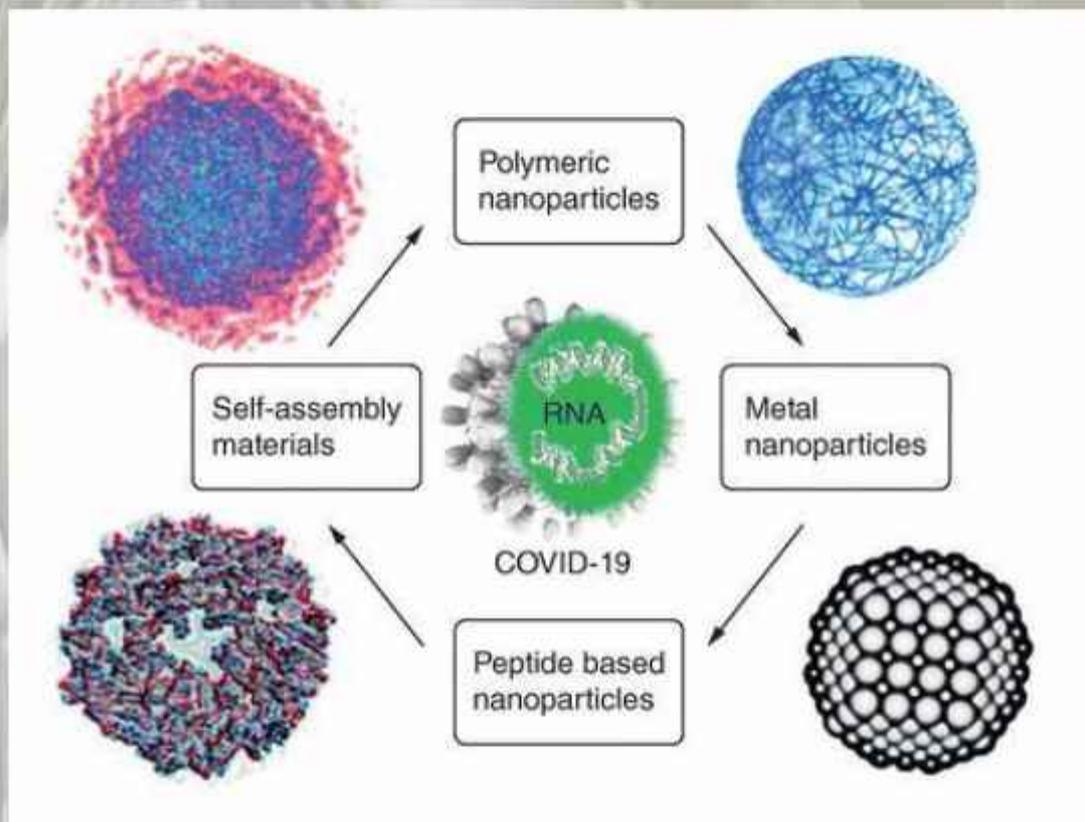
Source: NNI and 'Houston Chronicle'.

## Nanotechnology-Based Treatments for COVID-19 Infections

These viewers summarized the strategies for the development of novel nano-therapeutic materials for improving the efficacy of COVID-19 treatment. These included fabrication of polymeric nanoparticles with rapid and high mucus penetration features, the development of biodegradable, nontoxic and stable nanoparticles that could be used in the lung with minimum pulmonary toxicity during treatment, surface modification of nanoparticles by conjugation of PEG (POLYETHYLENE GLYCOL) as a capping agent and targeting moieties to minimize adverse effects of therapy.

## Role of Nanotechnology in Vaccine Development

A new generation of vaccines, called nanovaccines, has been developed, using nanoparticles to deliver antigens into the human body. It has been established that nanoparticles can target both adaptive (T cells, B cells) and innate (macrophages, monocytes and neutrophils) immune systems at the cellular level. The nanoparticles can deliver or act as an intrinsic adjuvant, with tunable physical loading of antigens.



The COVID-19 mRNA-based vaccines (made by BioNTech-Pfizer and Moderna) are encapsulated in positively charged lipid nanoparticles (LNPs), enabling resistance to RNase-mediated degradation, stable self-assembling particles that can be injected by various routes. Other propitious vehicles for mRNA delivery are cationic polymer nanoparticles, polyethyleneimine, oil-in-water (O/W) cationic nanoemulsion and PEG-lipid functionalized dendrimer nanoparticles.

## **Nanomaterial Applications in Diagnosing COVID-19**

Metallic nanoparticles are mostly intended for diagnostic purposes rather than therapy. Based on changes in surface plasmon resonance, selective naked-eye detection of COVID-19 is possible when the AuNPs (gold nanoparticles) capped with antisense oligonucleotides interact with RNA specimens within just 10 mins. This can diagnose and detect the number of positive COVID-19 cases without requiring any advanced instrumental facilities and equipment.

## **Future Strategies by Nanotechnology for COVID-19**

In discussing the unsolved concerns, the reviewers pointed to the high-mutating RNA viruses that need a rapid solid approach to tackle. Overall, the profound role of nanotechnology and nanoscience is undeniable, but these promising materials could cause severe issues in lung and respiratory systems, there viewers warned. Successful combination therapies that may involve nano-drug co-delivery systems, however, could be effective alternative options to combat the heterogeneous COVID-19.

Thus, it is concluded that, nanotechnology or systems/device manufacture at the molecular level, is a multi disciplinary scientific field undergoing explosive development. The genesis of nanotechnology can be traced to the promise of revolutionary advances across medicine, communications, genomics and robotics.

**NIMISHA. S**

**S2 ECE**

## **HOW CAN WE ENHANCE OUR SELF-ESTEEM AND SELF-CONFIDENCE**

- Always smile and stand up straight, as a smile is just a curve but it straightens many curves.
- Let us be fair and firm in our thoughts and actions.
- Let our thoughts be positive.
- Learn from our failures, as nobody is infallible.
- Let us proceed with great hopes and realistic goals.
- Let us focus on our strengths, and not on our weaknesses.
- We are also blessed with few latent abilities. Let our priority be to enhance them.
- Some people are there who will not appreciate you, but criticizes so always ignore negative criticisms.
- Always be self-confident. Then we will feel more confident.
- Read motivating books, watch inspiring TV programmes, attend seminar and research on the internet about great personalities who achieved great goals in life.
- Maintain elegant gestures and postures of confidence and not of diffidence.

**SHILPA. B. ANIL**  
**S3 CE**

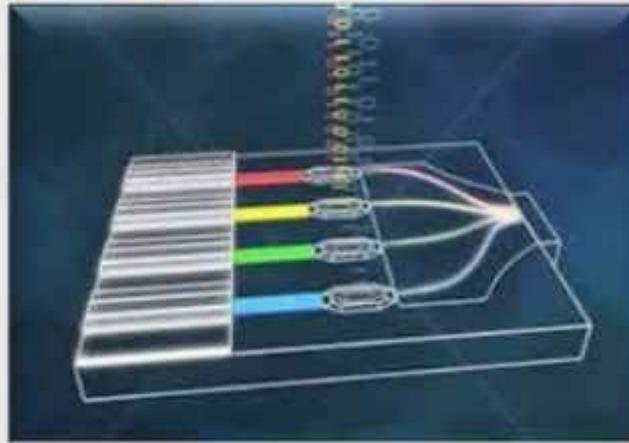
## TONGUE TWISTERS

- 1) A twister of twists once twisted a twist, and the twist that he twisted was a three-twisted twist; Now in twisting this twist, If a twist should untwist, Would the twist that untwisted the twists?
- 2) How many cookies could a good cook cook if a good cook could cook cookies? A good cook could cook as much cookies as a good cook who could cook cookies.
- 3) I thought a thought, but the thought I thought wasn't the thought I thought I thought. If the thought I thought had been the thought I thought, I couldn't have thought so much.
- 4) Peter Piper picked a peck of peppers. Did Peter Piper pick a peck of pickled peppers? If Peter Piper picked peppers, where's the peck of pickled pepper, Peter Piper picked?

SHILPA. B. ANIL  
S3 CE



## SILICON PHOTONICS: THE NEXT REVOLUTION



From the world's fastest supercomputers to your laptop or phone, almost all modern devices still rely on electric wiring to transmit data – a technology dating back to 19<sup>th</sup>-century telegraphs. Cheap and reliable, copper wire has linked ever larger quantities of transistors and support circuitry on ever smaller chips for decades.

Yet as we rapidly approach the physical limit of chip miniaturization, the shortcomings of copper wire come into focus. Limited bandwidth, current leakage and crosstalk between adjacent wires produce bottlenecks for computing innovators. There are also practical concerns like the space copper wires take up, the power they consume and the heat they emit.

One solution has been in light-based technologies, like optical-fiber cables, which use photons to transmit data at much higher speed and bandwidth. But the exorbitant cost of replacing electric wiring in integrated circuits with cutting-edge photonics has proved to be a roadblock to commercialization. What is needed is a photonics technology that can be made using existing high volume, inexpensive manufacturing methods.

Enter silicon photonics. Its great advantage is that it can be manufactured just like normal computer chips but with patterned silicon to transmit data-carrying laser signals. Able to carry more data while consuming less power and without heating up or causing any degradation in signal, silicon photonics will disrupt a range of technologies. These include data interconnects, supercomputers and sensors to diagnose disease, monitor the environment or even detect explosives.

### **An imperfect fit**

Silicon photonics expert Lars Frandsen from the Technical University of Denmark (DTU) gets into the technical details: "The electronic band gap of silicon makes it transparent in the telecommunication wavelength range, but it is an in-direct band gap, which make silicon

a very poor emitter.” This is why the lasers that drive optical communications are made of more exotic materials such as indium-phosphide (InP) and gallium-arsenide (GaAs).

Another barrier comes when, if you do manage to get silicon to emit a light signal, you mix it with other signals to perform computation. Unfortunately, silicon is also very bad at this task.

“Silicon suffers from large signal losses at high pump powers.”

## **Silicon photonics today**

Replacing some copper connections, these devices are tiny silicon chips with built-in InP lasers and silicon waveguides that can shuttle data at up to 100 Gbps between computers via optical fibers just a few millimetres thick. “Data centre operators are working feverishly to supply the networking bandwidth to support the world’s insatiable demand for data,” says Luxtera’s Ron Horan. “Luxtera has shipped more than 1 million optical transceivers, including 100 Gbps solutions in very high volume.” Tech giant Intel brought its technology to market in 2016. With IBM, Cisco and others working on similar technology, there is little doubt that optical interconnects are the silicon photonics technology that will have the first big impact.

Yet switch-to-switch optical connections are just the beginning. Many see silicon photonics inevitably getting deeper and deeper into computers as the technology matures, allowing supercomputers to reach exascale speed ( $10^{18}$  calculations per second) around the human brain’s processing power at the neural level. In 2015, US researchers described in a *Nature* paper how they had demonstrated the first photonic-electronic hybrid processor that uses light for ultrafast communications. Packing two processor cores with more than 70 million transistors and 850 photonic components onto a 3 x 6 mm chip, it was the first to integrate photonic interconnects, or inputs and outputs (I/O) required to talk to other chips. Staggeringly, the chip had a bandwidth density of 300 Gbps per  $\text{mm}^2$ , a 10- to 50 fold improvement on electronic-only microprocessors.

The achievement did however come with a caveat: the team had to use externally generated laser light to illuminate the chip. Major advances still need to be made in terms of developing and integrating on-chip lasers before commercialization. Until recently, laser light sources could be attached to silicon only in complicated and elaborate manufacturing processes.

## **Health benefits**

Data centers and the IT industry will not be the only beneficiaries of silicon photonics. CARDIS (Early stage Cardio Vascular Disease Detection with Integrated Silicon Photonics) is an EU project exploring the use of silicon photonics to identify people at risk of cardiovascular diseases. The aim is to build a mobile, low-cost device similar to a handheld supermarket scanner, able to assess the heart's vital signs with one click of a button. The project hinges on multi-beam silicon photonics integrated laser vibrometer – a scientific instrument used to make non-contact vibration measurements of a surface – to easily target and assess superficial arteries. “The silicon photonics integrated chip holds the entire optical functionality of the laser Doppler vibrometer.” There's screening and continuous glucose monitoring for diabetes patients, and there is lots of potential in diagnostic assays, sensing of ions in sweat and breath analysis. All these applications boil down to integrating photonics sensors in silicon, thus many other devices could be engineered, like Lidar sensors used by autonomous vehicles or chemical sensing for environmental monitoring. The Internet of Things will require billions of distributed sensors everywhere in our society.

“Silicon photonics will be a strong candidate for making this possible”.

**SREETI GANGADHARAN**

**ASST. PROFESSOR**

## **THE STUDY OF HAPPINESS**

Have you ever known someone who just seemed very happy? I mean genuinely happy, in spite of the challenges and difficulties they may be currently facing. Individuals define happiness differently. While research suggests that happiness is influenced by genetics, people can learn to be happier by developing optimism, gratitude and altruism. There is a form of psychology that focuses on helping people live happier lives. It is called “positive psychology.”

### **Some of the major topics of interest in positive psychology include:**

- Happiness
- Optimism and helplessness
- Mindfulness
- Flow, which is a state of complete immersion in your present activity
- Character strengths and virtues
- Hope
- Positive thinking
- Resilience

### **Some of the major findings of positive psychology include:**

- People are generally happy.
- Money doesn't necessarily buy well-being, but spending money on other people can make individuals happier.
- Some of the best ways to combat disappointments and setbacks include strong social relationships and character strengths.
- Work can be important to well-being, especially when people are able to engage in work that is purposeful and meaningful.
- I like to focus on the concept of altruism. Altruism involves the unselfish concern for other people. It involves doing things simply out of a desire to help. Altruism is an act of kindness. Acts can range from simply holding a door open for someone, smiling and saying good morning, complimenting a person on something they did or something more major like rescuing a person from a burning building. There is a growing trend of people in drive-thru lines paying for the person behind them. What a great example of



altruism. A perfect stranger with no strings or connection to you just paid for your meal.  
That makes both of you feel good.

- Altruism is just one of the components that relates to positive psychology. If you are interested in becoming a happier person, learn more about this novel approach. It can make you feel better about who you are as a person.

*Happiness is when what you think, what you say and what you do are in harmony.*

**SREETI GANGADHARAN**

**ASST. PROFESSOR**

Poets

Corner

... of their...  
... and standing upon the...  
... before him, and under his feet was a pavement...  
... of pure gold, in color like amber; his eyes were  
... as a gleam of fire, the hair of his head was  
... like the snow, and his voice was  
... as the rushing of great waters,  
... I am your Advocate, with the  
... your sins are forgiven  
... therefore, let  
... and my  
... in this name  
... and spe  
... voice, if my  
... shall greatly  
... which shall  
... with which  
... and  
... already been enclosed and  
... the name, and the  
... to foreign lands  
... of the beginning of the blasphe

## **THE FACADE OF LOVE**

**I Fear to Love People.**

**Because, I don't know who  
are wearing a facade,  
Of love and care  
and who are not.**

**I don't know who are the people  
that only care,  
for the height I have reached,  
and who love me for who I am.**

**I loathe to know the truth because,  
I don't know who all I'll lose.**

**I crave for true care which is  
priceless than a sea of diamond.**

**I fear to love people because,  
I don't know who all see it as love.**

**PAVITHRAGANGA PADHMANABHAN POTTY**

**S2 ECE**

***PARDON ME THOU BREATHE***

Pardon Me thou breathe  
Far-flug elegant eve;  
Kneel before thy boundless  
Love mere a wee worm.

Penel me the omniscient  
In lieu of my siblings;  
Being sinner joined thou  
To avow our beastly deeds.

Oh mother! Patience synonym  
Rinses our sins thou;  
Kneel before thy boundless  
Love mere a wee worm.

**GAYATHRI. G. MURALI**  
**S4 CSE**



# എനിക്കും പറയാനുണ്ട്

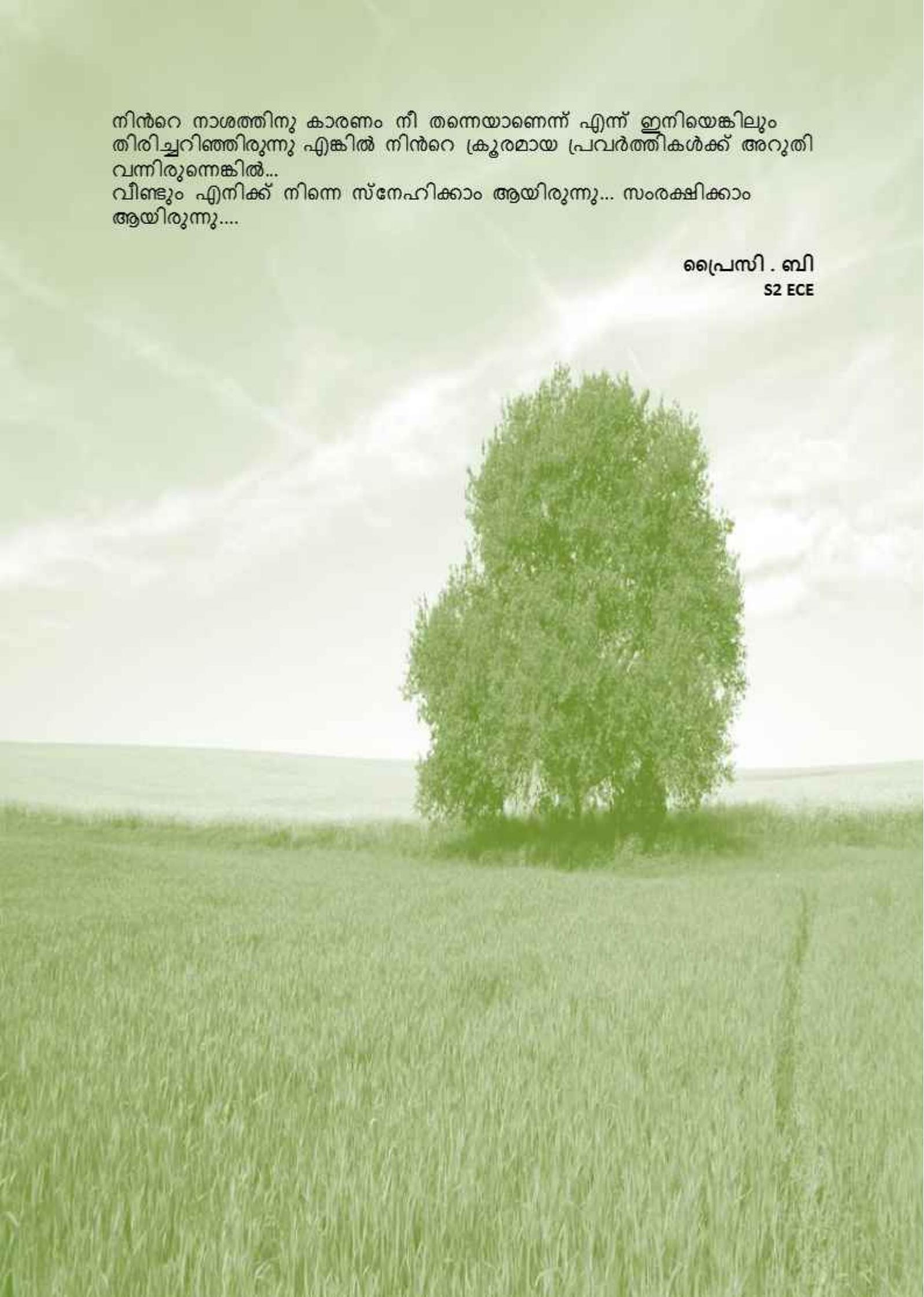
ഞാൻ പ്രകൃതി...  
മനുഷ്യരെ... നിങ്ങളുടെ നിലനിൽപ്പിനു വേണ്ടി ദൈവം എന്നെ  
മനോഹരമായ സൃഷ്ടിച്ചു...  
ഞാൻ നിങ്ങളെ സംരക്ഷിച്ചു...  
നിങ്ങൾക്ക് വേണ്ടതെല്ലാം നൽകി... എന്നിലെ ജീവവായു നൽകി നിങ്ങളെ  
വളർത്തി...  
എൻറെ ചിറകിനുള്ളിൽ നിങ്ങൾ സുരക്ഷിതരായിരുന്നു....  
എന്നിലെ അവസാന ഉറവയും നിങ്ങൾക്കായി നീക്കിവെച്ചു...  
പക്ഷേ...  
കാലങ്ങൾ കഴിയുന്നോറും തോറും എൻറെ പ്രസക്തി നിങ്ങൾ  
മനപ്പൂർവ്വം മറന്നു... എൻറെ നിലനിൽപ്പിന് ഇന്ന് നിങ്ങൾ  
വെല്ലുവിളിയായി...  
എൻറെ ശരീരത്തെ പിച്ച് ചിന്തയും, എൻറെ ഹൃദയം ചൂഴ്ന്നെടുത്തു ഉം  
, എൻറെ രക്തത്തെ കുടിച്ചുതീർത്തുനിങ്ങൾ എന്നെ മരണത്തിലേക്ക് തള്ളി  
വിട്ടു...  
എന്നിലെ ജീവൻറെ നിലവിളി നിങ്ങൾ കേട്ടില്ല...  
സ്വാർത്ഥ താൽപര്യങ്ങൾക്ക് പിന്നാലെ പായുമ്പോൾ എൻറെ വേദന  
നിങ്ങൾ കണ്ടില്ല...  
അസഹനീയമായ വേദനയാൽ എൻറെ കണ്ണുകൾ നിറഞ്ഞൊഴുകി...  
എന്നിലെ സങ്കടങ്ങൾ പ്രണയമായി മാറി...  
കാലങ്ങളായി ഉള്ളിൽ തളംകെട്ടി കിടന്ന ദുഃഖം ഉരുള പോലെ  
പൊട്ടിയൊലിച്ചു...

എന്നോടുള്ള നിങ്ങളുടെ നിർദ്ദയമായ പ്രവർത്തികൾ അവസാനിച്ചു അച്ചു  
എന്ന് കരുതി ഞാൻ ശാന്തമായി...  
പിന്നെയും നിങ്ങളെ സ്നേഹത്തോടെ സംരക്ഷിച്ചു...  
പക്ഷേ...  
നിങ്ങൾ...!!!  
എന്നെ അറിയാതെ...  
എന്നിൽ നിങ്ങൾ ഉണ്ടാക്കിയ മുറിവുകളുടെ വേദന മനസ്സിലാക്കാതെ...  
പിന്നെയും എന്നോടുള്ള ക്രൂരതകൾ തുടർന്നു...  
എന്നിലെ ജീവജാലങ്ങളെയും നശിപ്പിക്കാൻ തുടങ്ങി...

നിങ്ങൾക്ക് ഭക്ഷണം ആയി നൽകിയിരുന്നത് ഉപരിയായി നിങ്ങൾ  
എന്നിൽ ജീവജാലങ്ങളെയും ഭക്ഷിക്കുവാൻ ആയി തുടങ്ങി...  
അതു നിങ്ങൾക്ക് തന്നെ നാശമായ മാറി...  
എന്നിലെ കോപം ഒരു വ്യാധി ആയി പടർന്നു...  
ലോകം മുഴുവൻ അത് വ്യാപിച്ചു...  
എന്നോട് നിങ്ങൾ ചെയ്ത ക്രൂരതകൾക്ക് പകരമായി നിങ്ങൾക്ക്,  
നിങ്ങളുടെ ജീവനെ തന്നെ നൽകേണ്ടിവന്നു...  
മനുഷ്യാ...

നിന്റെ നാശത്തിനു കാരണം നീ തന്നെയാണെന്ന് എന്ന് ഇനിയെങ്കിലും  
തിരിച്ചറിഞ്ഞിരുന്നു എങ്കിൽ നിന്റെ ക്രൂരമായ പ്രവർത്തികൾക്ക് അറുതി  
വന്നിരുന്നെങ്കിൽ...  
വീണ്ടും എനിക്ക് നിന്നെ സ്നേഹിക്കാം ആയിരുന്നു... സംരക്ഷിക്കാം  
ആയിരുന്നു....

പ്രൊഫ. സി . ബി  
S2 ECE



# എന്റെ അമ്മ

അടരുവാൻ ആകില്ല നിൻ ഹൃദയ കൂട്ടിൽ ഇതിൽ നിന്നും ഒരു ജന്മവും...

പരന്ന കിടക്കും ഈ ലോകമാം പൂന്തോട്ടത്തിൽ നീ നെയ്തുകൂട്ടിയ സ്വപ്ന പുഷ്പങ്ങൾ എന്നിലൂടെ വിടരുന്നുവോ...

എനിക്കായി തപിക്കും നിൻ നേത്രങ്ങൾ നേത്രങ്ങൾ കാറ്റായ് എന്നെ തഴുകുന്നു വോ...

മുറിവേറ്റ് വീണിടാമെന്നാശകൾ നിൻ തലോടൽ ഒരു സാന്ത്വന പ്രതീക്ഷയായി എന്നിൽ പ്രകാശിക്കുന്നു വോ...

കാർമ്മേഘങ്ങൾ ആൽ ഇരുണ്ട ജീവിതവഴിയിൽ വിസ്തരം ആം കാഴ്ചകൾ എന്നിക്കായി നീ രചിക്കുന്നുവോ...

നിൻ മാറിൻ ചുട്ടിൽ അലിഞ്ഞിടും പോൾ ഇപ്പോൾ സർവ്വ ദുഃഖവും എൻ മുൻപിൽ നിഷ്ഫലം ആകുന്നുവോ...

നീനോളം സുന്ദരമായി എന്തുണ്ട് എനിക്ക് ഉലകിൽ...

ശതകോടി സൂര്യൻമാരിലും തീവ്രമായി ആയി നിൻ സ്നേഹ നെഞ്ചകം ജ്വലിക്കുന്നുവോ...

ആയിരം ജന്മങ്ങൾ പുനർജനിക്കാം ആകാം ഞാൻ നിന്മാനസ പൈതലായി...

നിൻ പ്രിയ തോഴിയായ്...

പൂജ ഷിബികുമാർ, S4 CSE

## SEASON OF SPRING

*In the season of spring*

*I feel...*

*Something has been left behind*

*And then I remember you*

*In the shadows of my dream*

*You are always evergreen*

*My feelings are like dove*

*With the joyous love*

*I feel you in presence of all the beautiful daylight*

*Even though you have been left behind*

*But I still remember you*

*Because I can never forget you.....*

**DR. SHALINI SASI**

**ASSOC. PROFESSOR**

## **THE BEAUTY OF A GOOD GIRL**

*A girl is a picture of love*

*She in many ways . . . . .*

*Is a daughter or a mother*

*Now she is everywhere able to stand*

*But I ask why people can't understand*

*She is the origin of all*

*She only makes the family as a whole*

*But I ask why the people can't understand this all. . . . .*

*Today is the time for all to be equal*

*But why the girls are made unequal*

*I ask this question to each and everyone*

*Please do answer not only two or one.*

**DR. SHALINI SASI**

**ASSOC. PROFESSOR**

## माँ की ममता

माँ की ममता ईश्वर का वरदान है  
सच पूछो तो माँ, इन्सान नहीं भगवान है  
माँ के चरणों में जन्नत का हर रूप होता है।  
माँ में ही ईश्वर का हर स्वरूप होता है  
माँ, जो हर बच्चे के दिल की चाह होती है।  
मुसीबत में एक नई राह होती है।  
जो हर किसी के करीब नहीं होती  
जो हर किसी को नसीब नहीं होती  
माँ की एहमियत उनसे पूछो जिनकी माँ नहीं होती है।  
जो हर बच्चे की जान होती है।  
जो हर रिश्ते का मान होती है।  
सभी का एक मात्र अरमान होती है।  
हर किसी को माँ की ममता मिले, अपनी माँ से  
कभी कोई न बिछड़े अपनी माँ से  
यही है मेरी एक मात्र दुआ उस खुदा से।  
जिनकी माँ हो, उसे क्या पता कि माँ क्या होती है  
माँ को जानना है तो उनसे पूछो जिनकी माँ नहीं होती है



**SREETI GANGADHARAN**

**ASST. PROFESSOR**

A top-down view of a desk with a spiral-bound notebook, a fountain pen, a ballpoint pen, a marker, and an ink bottle. The text 'Short Stories' is overlaid in a cursive font.

*Short*

*Stories*

## അവിസ്‌മരണീയ ദിനം

കാരഗൃഹ വാസതുല്യമായ ദിനരാത്രങ്ങൾ, കൊറോണ എന്ന ഭീകര വൈറസിന്റെ പിടിയിലമർന്ന് ലോകമാകെ സ്തംഭിച്ചു നിൽക്കുന്ന അവസ്ഥ, എങ്ങനെയുമൊന്നു പുറത്തുകടക്കുവാനായി പുറകിലെ വാതിലിലൂടെ നാട്ടുവഴിയിലെക്കിറങ്ങി.

ചെമ്മൺ പാതയോരത്തെ പുൽ പടർപ്പുകളിലെ മഞ്ഞിൻ കണങ്ങൾ സൂര്യന്റെ പൊൻപ്രഭയിൽ തിളങ്ങുന്നു. ഉണർവിന്റെ പുതുഗന്ധം നുകർന്ന് നടന്നു നീങ്ങുമ്പോൾ പാതയുടെ മറുവശത്ത് ആരോ കിടക്കുന്നതായി തോന്നി. ഓടി അടുത്തു ചെന്ന് നോക്കുമ്പോൾ ഏകദേശം 30 വയസ്സ് തോന്നിക്കുന്ന ഒരു യുവാവ് കമിഴ്ന്നു കിടക്കുന്നു. പെട്ടെന്ന് ശരീരത്തിലൂടെ ഒരു മിനൽ പിണർ പാഞ്ഞതുപോലെപോലെ ഒരു ഭയം എന്നെ ഗ്രസ്തിച്ചു. ഇതികർത്തവ്യതാമൂഢനായി ഒരുനിമിഷം നിന്ന ഞാൻ സമനില വീണ്ടെടുത്ത് ആ ശരീരം ചരിച്ചുകിടത്തി, ഏതോ വാഹനം ഇടിച്ചുതെറിപ്പിച്ചതാണോ ശരീരം. കൈയിൽ ഒരു രൂപ പോലുമില്ല മൊബൈലുമില്ല ഒരു വഴിയാത്രക്കാരനെ കൈയാട്ടി വിളിച്ചു. അയാൾ വന്നു സഹതപിച്ചു നോക്കി നിൽക്കുന്നു. ഫോട്ടോ എടുക്കാൻ ശ്രമിക്കുന്ന അയാളുടെ കൈയിൽ നിന്ന് ഫോൺ വാങ്ങി ആംബുലൻസ് വിളിക്കുമ്പോഴേക്കും ശരീരത്തിന് തളർച്ച ബാധിച്ചിരുന്നു. ചെറുപ്പക്കാരന് ശ്വാസം ഉണ്ടെന്നതുമാത്രമാണ് ഏക ആശ്വാസം. അയാൾ ചുണ്ടനകുന്നത് കണ്ടു അടുത്തുള്ള പൈപ്പിൻചുവട്ടിലെ കോടിയെങ്കിലും ഒരു ഫലവുമുണ്ടായില്ല. അടുത്ത വീട്ടിൽ ചെന്ന് കുറച്ച് വെള്ളം തരാൻ ആവശ്യപ്പെട്ടു അവർ രോഗഭീതി കാരണമാകും പുറകിലേക്കു മാറി.

അടുത്തുകണ്ട കിണറ്റിൽ നിന്നും വെള്ളമെടുത്തു ചെല്ലുമ്പോഴേക്കും ഒരു നായ ആ ശരീരത്തിന്റെ അടുത്തായി നിലയുറപ്പിച്ചിരിക്കുന്നു. അതിനെ ആട്ടിയോടിച്ച ശേഷം മുതപ്രായമായ ആ ചുണ്ടുകളിലേക്ക് ജലമിറിക്കുമ്പോൾ ചുണ്ടുകൾ അത് വലിച്ചെടുക്കുന്നതായി തോന്നി.

ആംബുലൻസിന്റെ ഒച്ച അടുത്തു വന്നുകൊണ്ടിരുന്നു. അവർ എത്തി ആ ശരീരം താങ്ങിയെടുക്കുമ്പോൾ പോക്കറ്റിൽ നിന്നും ഊർന്നു വീണ ഫോൺ ഞാനെടുത്തു. ആദ്യം കണ്ട നമ്പറിലേക്ക് വിളിച്ചപ്പോൾ മറുതലയ്ക്കലൊരു സ്ത്രീശബ്ദം, ഭാര്യയാണെന്നു തോന്നുന്നു. കാര്യം പറഞ്ഞപ്പോൾ 'അയ്യോ' എന്ന നിലവിളിയല്ലാതെ ഒന്നും കേട്ടില്ല.

പരിതാപകരമായ ആ അവസ്ഥയിൽ ഞാൻ കൂടി ആശുപത്രിയിലേക്ക് പോകണമെന്ന് തോന്നി. അവിടെയെത്തിയപ്പോൾ നൂറുനൂറു ചോദ്യങ്ങൾ, പോലീസ് അങ്ങനെ നൂറുനൂറുനൂലാമാലകൾ, എന്തു ചെയ്യണമെന്നറിയാതെ

കുഴങ്ങി നില്ക്കുമ്പോൾ ഒരു ഓട്ടോയിൽ ഒരു മെലിഞ്ഞ യുവതിയും രണ്ടു കുട്ടികളും ആർത്തലച്ചുകൊണ്ടുവരുന്നു. പാവപ്പെട്ട കുടുംബമാണെന്നു തോന്നുന്നു. കരഞ്ഞുകൊണ്ട് അവർ പറഞ്ഞ വാക്കുകൾ എന്നിൽ നൊമ്പരമുണർത്തി. കഴിഞ്ഞ ദിവസം രാത്രി ജോലിക്കായി പോയതാണ് മധു എന്ന ആ ചെറുപ്പക്കാരൻ. പ്രണയിച്ചു വിവാഹിതരായ അവർക്ക് വേറെ താങ്ങും തണലുമായി ആരുമില്ല.

വീട്ടിൽ പറയാതെ പുറത്തിറങ്ങിയ ഞാൻ അവരുടെ ഫോൺ വാങ്ങി വീട്ടിലേക്കുവിളിച്ചു. അച്ഛൻ ഉടനെ എത്താമെന്നു പറഞ്ഞു. അവർ പറഞ്ഞിടത്തൊക്കെ ഞാൻ ഒപ്പിട്ടു കൊടുത്തു. അച്ഛൻ എത്തി അവരുടെ കഥയറിഞ്ഞ് 'മോനേ നീ നല്ല കാര്യമാണ് ചെയ്തതെന്ന് അഭിനന്ദിച്ചപ്പോൾ എൻറെ മനസ്സ് നേരെയായി. അച്ഛൻ്റെ പോക്കറ്റിൽ നിന്നും കിട്ടിയ തുക എണ്ണി നോക്കാതെ ആ സ്ത്രീയുടെ മെല്ലിച്ച കൈകളിൽ പിടിപ്പിക്കുമ്പോൾ ഏതോ വലിയ കാര്യം ചെയ്ത ചാരിതാർത്ഥ്യമായിരുന്നു എനിക്ക്. എത്രയോപേർ തിരിഞ്ഞുനോക്കാതെ കടന്നുപോയിരിക്കാം എന്നോർത്തപ്പോൾ ലോകത്തോടുതന്നെ പുച്ഛം തോന്നി. നിസ്സാരമായ ഒരു വൈറസിനു പോലും നമ്മെ തോൽപ്പിക്കാമെങ്കിൽ 'ഞാൻ' എന്നഭിമാനിക്കുന്ന മനുഷ്യന് എന്തു വില?

ശിവപ്രിയ

S3 CE

## കൊറോണക്കാലത്തെ എന്റെ ഒരു ദിവസം

സാധാരണ ദിവസങ്ങളിൽ എട്ടു മണിക്ക് എഴുന്നേൽക്കുന്ന ഞാൻ അന്ന് എഴു മണിക്ക് എഴുന്നേറ്റു. ആദ്യം തന്നെ മുന്നിൽ കണ്ടത് മാസ്ക്, അപ്പോഴേ മനസ്സിൽ വിചാരിച്ചു അന്നത്തെ ദിവസം പോയെന്ന്.

വീട്ടിൽ ഇരിക്കാൻ തുടങ്ങിയിട്ട് അന്നേക്ക് 40 ദിവസം. രാവിലെ തന്നെ മനസ്സിൽ ഉറപ്പിച്ചു ഇന്ന് എന്തായാലും പുറത്ത് ഒന്നു പോകണം.

എന്റെ മനസ്സ് അറിഞ്ഞെന്ന പോലെ അമ്മമ്മ വിളിച്ചു, "എനിക്ക് നിന്നെ ഒന്നു കാണണം" എന്നു പറഞ്ഞു.

അതു കേട്ടപ്പോൾ ആദ്യം അമ്മയുടെ മുഖത്തേക്ക് നോക്കി ഒരു പ്രതികരണവും ഇല്ല. അടുത്തത് അച്ഛനെ ഒന്നു നോക്കി, അച്ഛൻ എഴുന്നേറ്റ് ഒരു പേപ്പറും പേനയും കൊണ്ടു തന്നു.

ദിവസവും പാൽ വാങ്ങാൻ പോകുമ്പോൾ പോലും സാക്ഷ്യപത്രം എഴുതുന്ന അച്ഛൻ, അത് എനിക്കും തരാൻ മറന്നില്ല. ഞാൻ സാക്ഷ്യപത്രം എഴുതി, "അച്ഛനു സുഖമില്ലാത്തതു കൊണ്ട് മരുന്നു വാങ്ങാൻ പോകുന്നു" എന്ന്.

അങ്ങനെ ഞാൻ ഒരു കാത്തിരിപ്പിനൊടുവിൽ വണ്ടിയിൽ യാത്രയാകുന്നു. വളരെ പതുക്കെയാണ് ആദ്യം വണ്ടി ഓടിച്ചത് പതുക്കെ സ്പീഡ് കൂട്ടി.

ലെവൽ ക്രോസിൻറെ അടുത്തെ കേറ്റം ഇറങ്ങി ചെന്നതും ദാ... മുന്നിൽ ഒരു ജീപ്പിൽ പോലീസ് എന്നെ പിടിച്ചു നിർത്തി, ഞാൻ സാക്ഷ്യപത്രം എടുത്തു കൊടുത്തു, വീട് എവിടെയാണെന്നും ചോദിച്ചു... അത് കേട്ടപ്പോഴേ അവർക്ക് ഉടായിപ്പാണെന്നു മനസ്സിലായി... എളുപ്പന്ന് വീട്ടിൽ പൊയ്ക്കോ എന്നു പറഞ്ഞു...

അവിടുന്ന് വന്നതിലും വേഗത്തിൽ വീട്ടിലേക്ക് പോയി... റോഡ്, വണ്ടികൾ പിന്നെ കുറച്ചു ആളുകളെയും കണ്ടു എന്ന സമാധാനത്തോട്....

ഞാൻ വീണ്ടും ലോക്ക്ഡൗണിലേക്ക്.... ഫോൺ, ടിവി, ഉറക്കം, ഭക്ഷണം അതായിരുന്നു ഈ കൊറോണക്കാലത്തെ എൻറെ കൂട്ട്... അവർ മാത്രമായി ബാക്കി...

ചെയ്തത് തെറ്റാണെന്ന ഉറപ്പോടെ പിന്നീട് വീടിന് വെളിയിൽ ഇറങ്ങിയില്ല ലോക്ക് ഡൗൺ കഴിയുന്നതുവരെ.

"നിയമങ്ങൾ നമുക്കു വേണ്ടിയാണെന്ന വിശ്വാസത്തോടെ അതു പാലിക്കുക"

STAY HOME STAY SAFE

ശ്രീലക്ഷ്മി

S5 ME

## കൊറോണ ദിനങ്ങൾ

പുലർച്ചെ ജോലിക്ക് പോവാനുള്ളതാണെന്നു തോന്നിയിരുന്നെങ്കിലും; അമ്മയുടെ സ്ഥിരം ധനി ഇന്നും ഞാൻ കേട്ടു നേരത്തെ തന്നെ ഉറങ്ങി. പിറ്റേന്ന് രാവിലെ എണീറ്റപ്പോൾ നല്ല ക്ഷീണം എന്നാലും ജോലിക്ക് പോയി. അവിടെ എത്തിയപ്പോഴോ പനി പോലെ എൻറെ കൂട്ടുകാരി അംഗീത പറഞ്ഞു വല്ല കൊറോണ ആയിരിക്കുമെന്ന്. കൊറോണയോ അതെന്തോ എന്ന് ഞാൻ ആലോചിച്ചു ഒരു പിടിയും കിട്ടാത്തതുകൊണ്ട് അംഗീതയോട് തന്നെ തിരക്കി അപ്പോഴാ അറിയുന്നേ അത് പുതിയ ഒരു വൈറസ് ആണെന്ന് ശേഷം ഞാൻ ജോലിയിൽ മുഴുകി; പക്ഷേ തീരെ വയ്യ.

എൻറെ കൂട്ടുകാരെല്ലാം ചേർന്ന് എന്നെ ആശുപത്രിയിൽ എത്തിച്ചു ശേഷം പനിക്കു തരുന്ന അതേ മരുന്നുകൾ തന്നെ മരുന്നുകൾ കഴിച്ചു പക്ഷേ കുറവില്ല. ഡോക്ടറുടെ സംശയം അദ്ദേഹം എന്നോട് പറഞ്ഞു; കൊറോണ ആകാൻ വഴിയുണ്ടെന്ന്. ശേഷം എനിക്ക് കൊറോണ പേടിയായി. എന്തായാലും പരിശോധിച്ചു പറു എന്ന സ്ഥിതിയായി ഞാൻ കോവിഡ് ടെസ്റ്റിന് തയ്യാറായി അങ്ങനെ ടെസ്റ്റ് പൂർത്തിയായി ഫലവും വന്നു. പോസിറ്റീവ്. കേരളത്തിലെ ആദ്യത്തെ കൊറോണ രോഗിയായി ഞാൻ മാറി.

അടുത്തുള്ളവർ അകലാൻ തുടങ്ങി ഒരു മുറിയിൽ ഞാൻ ഞാൻ ഏകയായി. ആരും കൂട്ടിനില്പാത്ത 14 ദിനങ്ങൾ ക്വാറന്റിനിൽ. ഒറ്റപ്പെടലിന്റെ വേദന ഞാൻ ശരിക്കും അറിഞ്ഞു. കൂട്ടിലെ കിളിയേ പറ്റിയും സൂവിലെ മൃഗങ്ങളെ പറ്റിയും ഞാൻ ദയനീയമായി ഓർത്തു. ശേഷം 14 ദിനങ്ങൾ കഴിഞ്ഞ് ഞാൻ വീട്ടിലെത്തി അമ്മയും അച്ഛനും സ്നേഹം കൊണ്ടെന്നെ പൊതിഞ്ഞു. അയൽവാസികൾ ആരും എത്തിയില്ല. കൊറോണ അല്ലെ പടർന്നാലോ? ആ ചിന്ത ആവും അവരിൽ ഉണ്ടായത്.

ശേഷം ലോക്ക്ഡൗൺ ദിനങ്ങൾ ചിലവഴിക്കാൻ എനിക്ക് പ്രയാസം ഉണ്ടായില്ല. ക്വാറന്റിനിൽ ഇരുന്നപ്പോലെ വരില്ലല്ലോ എന്തായാലും.

പതിവ് ശീലങ്ങൾ മാറ്റാൻ തുടങ്ങി നേരത്തെ എണീറ്റു കുളിച്ചു അമ്മയെ സഹായിച്ചു. ഫോൺ അടിയായിരുന്നു ഞാൻ ഇപ്പോ ഫോൺ ഉപയോഗിക്കുന്നതെ കുറവാണ്. പരിസര പ്രദേശങ്ങളിൽ പോകുക വൃത്തിയാക്കുക എന്നതൊക്കെയായി പിന്നീടുള്ള ദിവസങ്ങൾ. കോവിഡ് എന്ന മഹാമാരി ലോകത്തെ തന്നെ മാറ്റിമറിച്ചു. ജീവിതം മനുഷ്യരുടെതാണ് പക്ഷേ ജീവൻ അത് പ്രകൃതിയേയും ഇതുപോലുള്ള അസുഖങ്ങളെയും ആശ്രയിച്ചിരിക്കും.

കൊറോണ ദിനങ്ങൾ എല്ലാവരിലും കൊണ്ട് വന്ന മാറ്റം ചെറുതൊന്നുമല്ല ദിവസവും കഷ്ടപ്പെട്ടിരുന്നവർക്ക് വെറുതെയിരിക്കാനുള്ള അവസരം കൂടിയാണ് ഈ രോഗം നമുക്ക് തന്നത്.

പക്ഷേ; വീണ്ടും പഴയ രീതിയിൽ ഈ ലോകം മാറണം എന്നാണ് ഇപ്പോൾ നമ്മൾ ഏവരും ചിന്തിക്കുന്നത്. പഴയ ദിനങ്ങൾ ഓർത്ത് വിലപിക്കുന്നവരാണ് ഇപ്പോൾ ചുറ്റിനുമുള്ളത്.

കൊറോണ എന്ന പേടിസ്വപ്നം ഏവരിലും മാറി തുടങ്ങിയിട്ടുണ്ട് അത് പനി വരുന്നു ലാഘവത്തോടെയാണ് എല്ലാവരും ഇപ്പോൾ കാണുന്നത് അത് പക്ഷേ നമ്മുടെ അശ്രദ്ധമൂലം വീണ്ടും അത് വരാനും വഴിയുണ്ടെന്നകാര്യം ഏവരും ഓർക്കേണ്ടതുണ്ട്.

സ്കൂളിൽ തിരികെ പോകണം എന്ന ആഗ്രഹം എല്ലാ കുട്ടികളിലും ഇപ്പോൾ ഉണ്ട്. പക്ഷേ കൊറോണ അനുവദിക്കുന്നില്ല എത്രയും വേഗം എല്ലാം പഴയരീതിയിലേക്ക് മാറണം എന്ന് മാത്രമാണ് എല്ലാ മനുഷ്യരും ഇന്ന് ആഗ്രഹിക്കുന്നത്.

ഈ കൊറോണ ദിനങ്ങൾ മാറും.

എല്ലാം നല്ലതിന് എന്ന് നമുക്കും പ്രത്യാശിക്കാം.

ഐശ്വര്യ ജയരാജ്

# *Gallery*

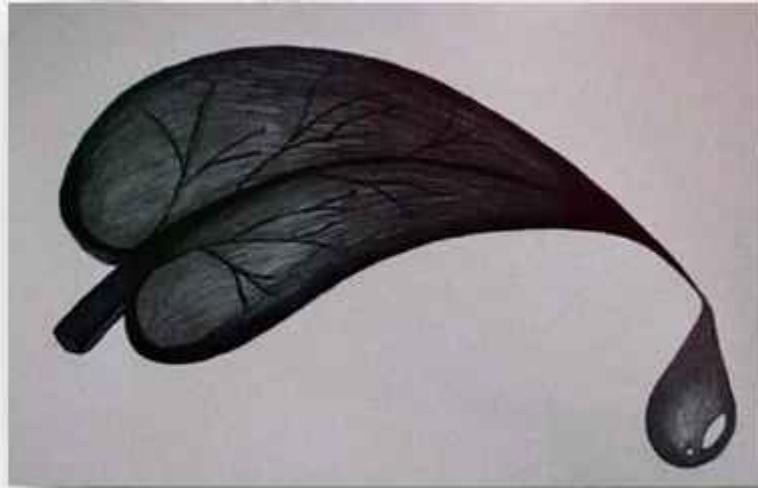




**Neha Datha Pradeep, S2 CSE**



**Neha Datha Pradeep, S2 CSE**



**Devi Jagadeesh, S8 ECE**



**Devi Jagadeesh, S8 ECE**



**Devi Jagadeesh, S8 ECE**



**Aishwarya. S, S8 ECE**



**Aishwarya. S, S8 ECE**



**Kirandev, S2 EEE**



**Kirandev, S2 EEE**



**Anjana. S, S8 ECE**



**Anjana. S, S8 ECE**



**Ardra Krishnakumar, S8 CSE**



**Ardra Krishnakumar, S8 CSE**



**Adarsh. S, S2 ME**



**Adarsh. S, S2 ME**



**Aswin Anil, S2 ME**



**Aswin Anil, S2 ME**



Devika, S6 CSE



Devika, S6 CSE



**Adhya Das, S2 CSE**



**Adhya Das, S2 CSE**



**Adhya Das, S2 CSE**



**Ardra Krishnakumar, S8 CSE**

A top-down view of several people's hands stacked together in a circle, symbolizing teamwork and unity. The hands are of various skin tones and are wearing white or light-colored long-sleeved shirts. The background is a plain, light color.

*Clubs*

## ANTI-RAGGING CELL



Ragging is treated as a criminal offence. Adequate measures are taken to prevent any such incident in the college. Those found guilty of ragging are liable to be expelled from the college and shall initiate legal actions. In exercise of the powers conferred by Regulation 6(a) of the AICTE, an Anti-Ragging Committee and Anti-ragging Squad have been reconstituted on 04/01/2017 at Mahaguru Institute of Technology for preventing any incidence of Ragging in the College and Hostels. The Committee takes measures to repeatedly remind students of the consequences of ragging, and ensures that parents and new students are made aware of their rights.

### **Objectives of Anti Ragging Committee:**

Anti-Ragging Committee will be the Supervisory and Advisory Committee on matters of Planning Action for Building and Preserving a Culture of Ragging Free Environment in the College Campus. The Anti Ragging Squad will work under the Supervision of Anti Ragging Committee and to engage in the works of checking places like Hostels, Buses, Canteens, Classrooms and other places of student congregation, for any incidences of Ragging, and shall educate the students at large in the college about Menace of Ragging and related Punishment Provisions. Anti-Ragging Committee will be involved in designing strategies and action plan for curbing the Menace of Ragging in the College by adopting array of activities.

**The following are the list of members in the committee**

**Anti-Ragging Committee**

<b>Name and Designation</b>	<b>Status in the Committee</b>	<b>Phone No</b>
Dr. Manju J, Principal	Chairperson	9995449854
Mrs. Suma S G, HOD CSE	Member	7561060904
Mr. Dhanunath R, AP CSE	Member	7907191207
Mr. Midhun, CI of Police	Member	9497961187
Mr. Harikumar K B, Panchayath Secretary	Member	9496043729
Sri. Kattachira Sreekumar, Ex Panchayath Member	NGO Representative, Member	9746383538
Mr. Anoop Chandran, Media Correspondent	Member	9387056000

**Objectives of Anti Ragging Squad:**

Anti-Ragging Squad will be working under the Monitoring of Anti Ragging Committee and will seek advice from the Anti Ragging Committee. The Functions of Anti Ragging Squad will be to keep a vigil and stop the incidences of Ragging, if any, happening /reported in the places of Student aggregation including, Classrooms, Canteens, Buses, Grounds, Hostels etc. The Squad will also educate the students at large by adopting various means about the Menace of Ragging and related Punishments thereto. A gamut of positive reinforcement activities will have to be adopted by Anti-Ragging Squad for orienting students and moulding their personality for a better cause. They shall work in Consonance and Guidance of Anti Ragging Committee.

**The following are the list of members in the Squad:**

**Anti-Ragging Squad**

<b>Name and Designation</b>	<b>Status in the Committee</b>	<b>Phone No</b>
Dr. K. Jacob, Dean	Member	9400585010
Mr. Ratheesh Kumar, HOD ECE	Member	7305297490
Mr. Arun Kumar. G, HOD ME&MEP	Member	8547081280
Mr. S. Vijayan, Chief Security Officer	Member	9446548467
Mrs. Rema. D, Warden (Ladies Hostel)	Member	9847184066

**Ragging is strictly prohibited in the campus  
as per the ruling of the supreme court of india.  
Anyone found guilty of ragging and/or  
abetting ragging is liable to be punished**

**Chairperson of the cell**



Dr. Manju. J

Principal

MIT

## ARTS CLUB

*“Art is the desire of a man to express himself, to record the reactions of his personality to the world he lives in”-Amy Lowell*



Arts club of Mahaguru Institute of technology provides an opportunity to the students to let their imagination run wild and provides them with the sight to see things in a different way. The college has given due importance to cultural activities along with academics for the all-round development of the students. Students learn from one another and share their prowess in different aspects of art. The Arts Club caters to the needs of those students who have an aptitude for music, dance or other fine arts. Students are encouraged to participate in inter collegiate and other competition through fine arts.

### OBJECTIVES

- ❖ The main objective of arts club is to encourage the budding talent of the students.
- ❖ Provide opportunities and encouragement to express oneself freely.
- ❖ Educational objective of this club is to encourage imagination, create ability and introduce an artistic environment.
- ❖ Inspiring students to make maximum contribution as creative artists and citizens.
- ❖ Organize various competitions, functions, and events in the college.

- ❖ Make the student confident and competitive in the global environment.
- ❖ To improve the imagination skill in entertainment.
- ❖ To give the students artistic outlet and to help each enrich interest for art and personal experience through art.

## **Dance Club**

This club has great mission-to produce finest dancers from our college. It caters to the nourishment of the dance skills of students in the forms of the dance both eastern and western. The members of this club are keen on showing their talents whenever there is an occasion. They conduct regular meetings and practice so that they are aspiring to become masters in their art.



## **Music Club**

Music club is very active in our college. It equips the singers and music enthusiasts with enough opportunities for the rejuvenation of their talents. The members meet on a regular basis. Whenever there is an occasion for showcasing their proficiency in singing or musical instruments, they make optimum use of it by performing either as individually or as a group.



## Painting and Drawing

This is an occupation, which calls for creative energy, and aptitude of person, keeping in mind the end goal to find things not seen, concealing themselves under the shadow of regular items, and to settle them with the colours and creativity, displaying to plain sight what does not really exist. There is something lovely around a clear canvas, the nothingness of the starting that is so straightforward and stunningly immaculate. The paint changes its importance and the colours that makes the story. Each piece starts the same, yet at last they are all exceptionally distinctive.





## **Sketching**

When we are discussing craftsmanship, a representation generally alludes to a fast, casual drawing, typically done from life. A portrayal catches the essentials of the subject - the general structure and viewpoint, a feeling of volume, development and feeling; some of the time a recommendation of light and shade. A representation ought not be toiled or exhausted. A representation might be made in any medium, however pencil is the most widely recognized.

## **Handicraft**

A handcrafted, is any of a wide assortment of sorts of work where helpful and improving articles are made totally by hand or by utilizing just straightforward instruments. It is a conventional fundamental division of specialty, and applies to an extensive variety of innovative and outline exercises that are identified with making things with one's hands and aptitude, incorporating work with materials, pliant and unbending materials, paper, plant strands, and so forth.

## **Modeling**

Modeling is a gathering of flexible substances utilized as a part of building and chiseling. The material syntheses and generation forms differ significantly.

## **Arts Festival:**

The annual cultural fest reflects the spirit of youth and provides the right platform for the upcoming generation of engineers to showcase their talents in various spheres that cover the many versatile aspects of technical knowhow, culture and games. Apart from imparting true competitive spirit, it also gives a wide and broad professional exposure to our students. The students get an opportunity to participate in the University level depending upon their performance during college arts.

### **Convener**



Mrs. V. P. Ambilimol

Asst. Professor, S&H

MIT

# ECO CLUB



Environmental Education, Awareness and Training plays a significant role in encouraging and enhancing people's participation in activities aimed at conservation, protection and management of the environment, essential for achieving sustainable development. Eco club is one of the many important activity clubs of an educational institution. The need of the hour is to create an environment friendly generation, because the present generation lives in an artificial world created by man. It is necessary to sensitize them towards nature

## **Vision:**

The club will be committed towards raising social awareness regarding environmental issues and changing students' attitude towards the environment by enlisting their active participation in club's activities

## **Mission:**

- ❖ To get the students actively involved in environmental matters and to develop their interest over environmental issues.
- ❖ To exert value-oriented efforts for a safer atmosphere, thus creating awareness towards the three 'R's- reduce, reuse and recycle of conservation
- ❖ To inculcate proper attitude with regard to environment and its conservation through action-based programmes.
- ❖ To enhance students participation in protecting the micro environment.

- ❖ To implement efficient solid waste management.
- ❖ To reduce the use of plastic in the community.
- ❖ To forge ties with the community on ecological problems and conservation

## **EARTHDAY (April 22)**





# WORLD ENVIRONMENT DAY (June 5)



**Convener**



Mrs. R. Renju  
Asst. Professor, S&H, MIT

## **EDISON'S CLUB**



### **About the Club:**

**EDISON'S CLUB** are essentially a group of students in each department supervised and supported by their club advisors. It aims to create and raising the scientific and practical efficiency in order to help students to achieve their academic goals, and to overcome technical problems. Also, it supports student projects that can be presented to different exhibitions inside and outside of college.

### **The Vision:**

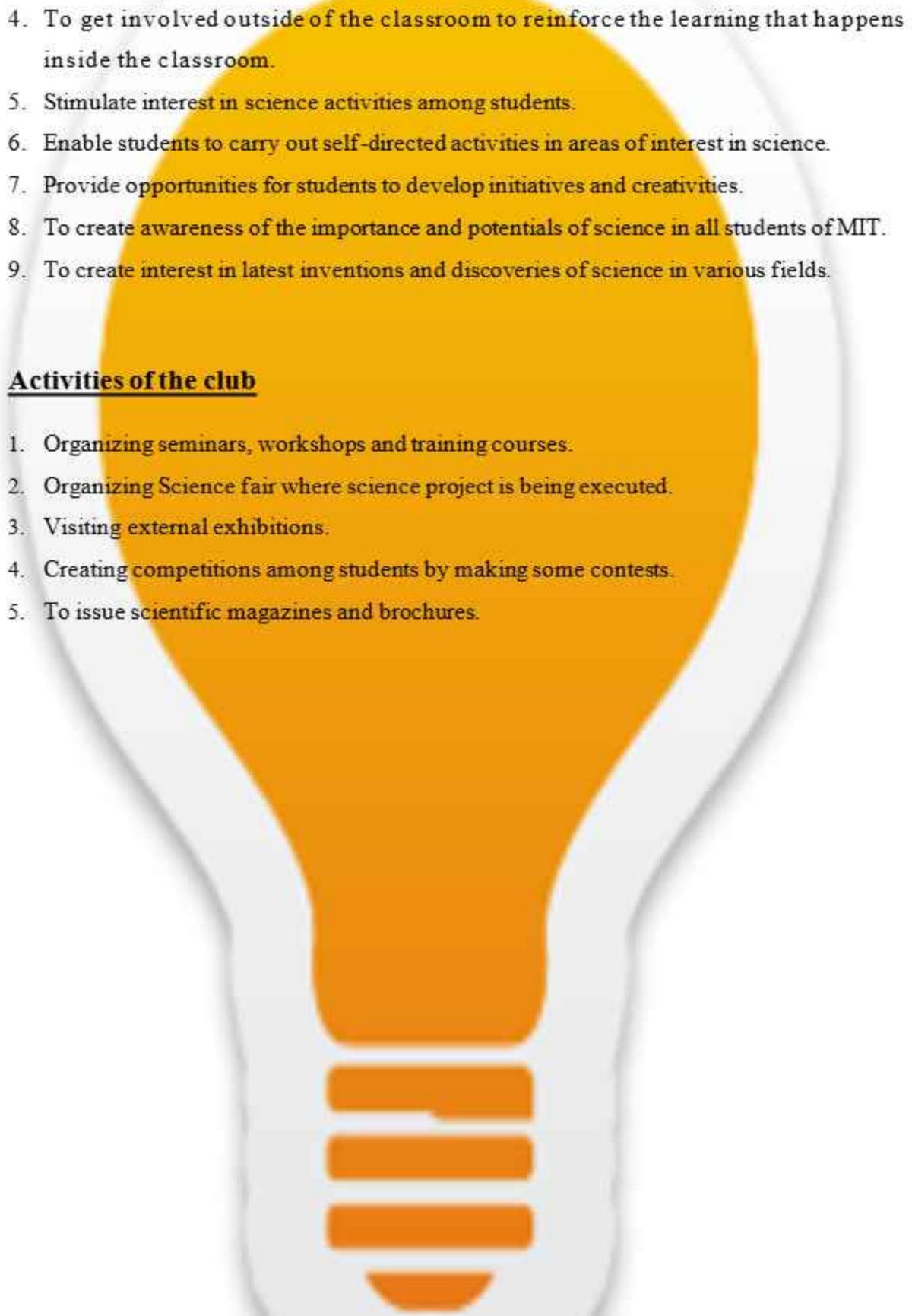
Preparing students with high abilities and skills which can allow them to perform their tasks efficiently and raise their skills in the different areas of Engineering and Information Technology in order to achieve success and self-professional excellence.

### **The Mission:**

To strengthen and enlighten young engineers and to keep them well informed about the technological and industrial advancements in their respective courses and departments.

### **Aim and the Objectives:**

1. To highlight and develop the potentials and talents of engineering students.
2. To help students keep in pace with technical engineering development.
3. To get valuable experience in project work and team building.

- 
4. To get involved outside of the classroom to reinforce the learning that happens inside the classroom.
  5. Stimulate interest in science activities among students.
  6. Enable students to carry out self-directed activities in areas of interest in science.
  7. Provide opportunities for students to develop initiatives and creativities.
  8. To create awareness of the importance and potentials of science in all students of MIT.
  9. To create interest in latest inventions and discoveries of science in various fields.

### **Activities of the club**

1. Organizing seminars, workshops and training courses.
2. Organizing Science fair where science project is being executed.
3. Visiting external exhibitions.
4. Creating competitions among students by making some contests.
5. To issue scientific magazines and brochures.

## **Additional Skill Acquisition Programme (ASAP)**

Additional Skill Acquisition Programme (ASAP) is a joint initiative of General and Higher Education Departments, Govt. of Kerala. The motto behind this program is to generate more employable skills in the student population of Kerala by providing sector specific skill training programmes along with regular academic studies. This special training would be conducted during vacation or along with curricular.

The programmes are developed, delivered, assessed and certified with the active participation of the related industries to ensure labour market acceptance of the programmes.

Mahaguru Institute of Technology signed an MoA with Additional Skill Acquisition Program ASAP on 19th Day of – March – Two Thousand and Twenty one (19/03/2021), at MIT, Kattachira. The institution is now recognized as an Advanced Skill Development Centre.

### **Courses**

- Artificial Intelligence and Machine Learning
- UI path RPA
- Google ACE
- Life Skill Module

### **Club in charge**



Mr. Arjun Mohanlal

Asst. Professor, EEE

MIT

# FILM AND PHOTOGRAPHY CLUB

The Film and Photography Club organizes regular screening of artistic cinema, documentaries and photo exhibitions. The forum provides the students an opportunity to watch, discuss and review films and photography. The club also conducts workshops in photography and film making. Moreover, it is a fantastic launch-pad for the student aspirants in the field, exposing them to liberal arts and critical thinking.

The Film and Photography Club in Mahagurutech college is a base platform for students to become a professional in their career. Irrespective of their graduation subject, this club provides encouragement in picking up the snapshots of their interest in best way. Club always tries to bring out Photography talents from our college to their best output.

The Club has either initiated or in the process of initiating the following:

- \*Organizing Photography and Film Making Discussion Forums including review of critical appreciations of the films.
- \*Film Screenings.
- \*Workshops on Digital Movie making Technology, Script writing, VFX etc.
- \*Debates and Quiz Sessions.
- \*Contests on amateurish photography and short-film making involving the students community.

FACEBOOK PAGE <https://www.facebook.com/filmandphotographyMIT>

INSTAGRAM PAGE <https://www.instagram.com/filmandphotographyclubmit>

YOUTUBE LINK <https://youtube.com/channel/UCc2mzh0OZuIOkFiTFLLQWnQ>

## Club authorities



Club Staff-in Charge.

Asst. Prof. Amjith. S

EEE Dept.

## Lists of Club Activities

### 1. CLICK ONAM 2K19

Number of entries 58

Date 6/9/2019 – 16/9/2019

**SRI VELLAPPALLY NATESAN COLLEGE OF ENGINEERING**  
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Accredited by NAAC with B+ Grade & Certified by ISO 9001:2008

**FILM AND PHOTOGRAPHY CLUB PRESENTS**

**CLICK ONAM 2019**

**PHOTO CONTEST**

**1ST PRIZE 1K**

Theme: "Please capture the onam celebration of Sri Vellappally Natesan college of engineering on 6-09-2019"

**RULES**

Click and share (maximum 5) best photos from the onam celebration at sync on 06/09/2019  
This contest is open only for students (Btech / Mtech)  
Your name, Id card number and photos can be mailed to "filmandphotography@svnce@gmail.com"  
A photo album with your details will be posted on "film and photography" Facebook page  
Winning entries will be selected by top number of like in Facebook page on 16/09/2019 at 11:59 pm

**SRI VELLAPPALLY NATESAN COLLEGE OF ENGINEERING**  
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**06/09**

**2K19**

**CLICK ONAM**

**PHOTO CONTEST**

**1<sup>st</sup> Prize 1K**

**FILM AND PHOTOGRAPHY CLUB SVNCE**

**SRI VELLAPPALLY NATESAN COLLEGE OF ENGINEERING**  
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Accredited by NAAC with B+ Grade & Certified by ISO 9001:2008

**On 06/09**

**1<sup>st</sup> Prize 1K**

**CLICK ONAM 2K19**



**FIRST PRIZE, 1000/-**

Winner: Mr. Ashish. S, S6 Civil

*"His photo entry received 1251 votes, the most of any entrant, and has been crowned the winner!"*



CLICKONAM 2K19 Award ceremony

GUEST Dr. DHANYA B. S

WINNER ASHISH. S



**SOME BEST PICS FROM CONTEST**



Shehna Abdul Rasheed



Reshma. R



Jishnu Chandran

**2. Name contest for online cultural fest**

Date: 14/12/2020

Number of entries:26

Winner

Rejeesh. R, S1 CSE

Proposed name "MAHAGURU MAHAUTSAV 2020"



The image shows two promotional posters for a 'Name Contest' and a portrait of the winner. The left poster is for 'MAHAGURU INSTITUTE OF TECHNOLOGY' and features the text 'Name Contest' in a stylized font. It includes the instruction 'Suggest a name for the major cultural event conducted by Mahaguru Institute of Technology' and 'Suggest the name through the given google form'. The last date is '14th Dec'. The right poster is for 'MAHAGURU MAHAUTSAV 2020' and 'DEC 26 & 27'. It features the text 'NAME CONTEST' and '1st prize- REJEESH R (10B.S1)'. To the right of the posters is a portrait of a young man with dark hair, wearing a red polo shirt, identified as the winner.

### 3. Jingle bells photo contest

Date: 25/12/2020

Number of entries: 18

Winner: Richu. P, S1 ME



The image shows a promotional poster for a 'Jingle Bells Photo Contest'. The poster is for 'MAHAGURU INSTITUTE OF TECHNOLOGY' and features the text 'MAHAGURU MAHAUTSAV 2020' and 'Jingle Bells PHOTO CONTEST'. It includes the instruction 'Send photos to our Instagram page' and 'PRIZE WORTH 1.5k'. The last date is '25th Dec'. The poster also lists the rules: '1. Only one entry', '2. No edits and manipulation', and '3. Malpractice will be disqualified'. The winner will be selected based on '50% likes and 50% content'. The poster includes the Instagram handle '@mahaguru\_tech' and a note 'For any doubt message us on Instagram'.



1<sup>st</sup>, Richu. P, S1 ME, 973 Likes



2<sup>nd</sup>, Sreehari Vikraman, S5 EEE, 730 Likes

**OTHER BEST ENTRIES**



Adarsh. S  
S1 ME



Aravind. K  
S1 CSE



Sayooj Krishnan  
S1, ME



Aadhish. S  
S1 CSE



Mrinal. M. Prasad  
S1, CSE



Jerry George  
S1, EEE

4. Suggest a name for our college E- Magazine

Date: 7/7/2021

Number of entries: 28



Winner: Pooja Shibikumar, S4 CSE

**Suggested Name**

**MAHASYA (Mahaguru + Rahasya) which means - The Mystical/Inner Stories Of Mahaguru.**

## **GRIEVANCE CELL**

### **OBJECTIVE**

The objective of the Grievance Cell is to develop a responsive and accountable attitude among all the stakeholders in order to maintain a harmonious educational atmosphere in the institute. All the proceeding of the Grievance mechanism will be suitably documented. Complaine can be given through the mail id: [grievance\\_cell@mahagurutech.ac.in](mailto:grievance_cell@mahagurutech.ac.in) .

As per the ordinance from Kerala Technological University (KTU), a Student Grievance Redressal Cell has been reconstituted in this institution on 08/04/21. Students can approach this cell to express his / her grievance. The cell considers the request and addresses genuine complaints from students.

The Grievance Redressal Cell is constituted to address the student grievances. The Cell attempts to address genuine problems and complaints of students whatever be the nature of the problem.

## GRIEVANCE CELL MEMBERS

Name	Role
Dr. Shalini Sasi, AP, S&H	Convener
Mr. Arun Kumar. G, AP, HOD ME	Member
Mr. Anup Vasavan, AP, ECE	Member
Mr. Yadhu Krishnan, AP, ME	Member
Mrs. Najma Ananthakumar, AP, CE	Member
Mr. Dhanunath. R, AP, CSE	Member
Mrs. Karthika V. S, AP, EEE	Member
Mrs. Liji Mol. S, AP, S&H	Member
Mrs. Renju. R, AP, S&H	Member

**Convener**



Dr. Shalini Sasi  
Assoc. Professor  
S&H, MIT

## **Internal Complaints Committee (ICC)**

Mahaguru Institute of Technology has constituted Internal Complaint Committee (ICC) in pursuance of guidelines issued by Supreme Court, UGC and as per the provisions of the Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013. Anti-Sexual Harassment Cell (Internal Complaints Committee) is reconstituted to provide effective enforcement of basic human rights of gender equality and guarantee against sexual harassment and abuse. And even to provide conducive atmosphere in the campus to all the staff members, employees and students of MIT. The committee works for the prevention, prohibition and redressal of sexual harassment of girl students and lady faculty members.

### **Objectives of the Committee:**

- To built self-esteem and dignity among girl students and ladies faculty members.
- To offer service such as counseling, legal aid in case of atrocities against women.
- To deal with cases of sexual harassment in a time bound manner, aiming at ensuring support services to the victimized, prevention and termination of the harassment.
- To undertake all necessary and reasonable steps including the constitution of appropriate committees for purposes of gender sensitization and to conduct enquiries into complaints of sexual harassment.
- To create awareness regarding women rights.
- To avoid and prohibit sexual harassment at workplace.
- To arrange programs regarding health, personality development etc.

### **Convener**



**Dr. Shalini Sasi**

Assoc. Professor, S&H, MIT

## MEMBERS



Mrs. Athira Raj  
Asst. Professor CE



Mrs. Sreeti Gangadharan  
Asst. Professor S&H



Mrs. Samitha. T  
Asst. Professor ECE



Mrs. Nisha. R  
Non-teaching staff CE



Mrs. Sreevidhya. S  
Non-teaching staff CSE



Ms. Carol Francis  
S6 EEE



Ms. Pavithra Ganga  
Padmanabhan Potty  
S2 ECE



Ms. Athira Pradeep  
S6 ECE

Counsellor

Sister. Leona

## **IEDC MAHAGURUTECH**

The Innovation and Entrepreneurship Development Centres (IEDC) is a platform set up in college with an aim to provide students an opportunity to experiment and innovate. It provides avenues for creative students to learn, collaborate and transform their innovative ideas into prototypes of viable products and services. IEDCs works as the first launch pad for a student's entrepreneurial journey and provide them with access to cutting edge technology, world class infrastructure, high quality mentorship, early risk capital and global exposure.

IEDC Mahagurutech started its activities actively from 2016 onwards. It is funded by KSUM. Students are encouraged to think out of box to identify problems, solve and to develop a product as outcome. IEDC Mahagurutech organize a lot of seminars, Idea Hackathons and workshops in collaboration with various Gov/Pvt entities through which they can improve their skill and sharpen their thought process. It provides platform to interact with entrepreneurs constantly to empower budding entrepreneurs. The students are motivated and supported for setting up start-ups. Participation in various workshops and in national/international level competitions is promoted. IEDC has incubated a number of start-ups providing them facilities ranging from office space, conference hall, wi-fi etc.

### **Objectives**

- i) To promote knowledge based and innovation driven enterprises.
- ii) To facilitate generation of entrepreneurship and self-employment opportunities for S & T persons.
- iii) To facilitate the information dissemination.
- iv) To generate employment through technical skill development using Science & Technology infrastructure.

## Activities Organized by IEDC in 2020-2021 academic year

### Webinar on Emerging trends in IoT



**MAHAGURU INSTITUTE OF TECHNOLOGY**  
Approved by AICTE & Affiliated to Anna University, Chennai  
Established by I.I.T. Madras & I.I.T. Bombay in 1989

Webinar on  
**EMERGING TRENDS IN IoT**

Jointly organized by  
**IEDC Mahagurutech & Dept. of ECE**

**RESOURCE PERSON**



**Rishal Vamanan**  
Technology Consultant, Priority HR

05<sup>th</sup> August 2020  
10:00am to 11:30am  
E-Certificate included

REGISTER NOW  
www.mahaguru.edu.in

Contact us:  
0446666360  
www.mahaguru.edu.in

### Webinar on Robotic Process Automation



**MAHAGURU INSTITUTE OF TECHNOLOGY**  
Approved by AICTE & Affiliated to Anna University, Chennai  
Established by I.I.T. Madras & I.I.T. Bombay in 1989

WEBINAR ON  
**ROBOTIC PROCESS AUTOMATION**

Jointly organized by  
**Dept. of ECE & IEDC Mahagurutech**



**SEBIN SUNNY P**  
Team Leader, Yama  
Sriwally Institute of Management And Technology

05<sup>th</sup> August 2020  
10:00am to 11:30am  
E-certificate included

Scan to Register

Contact us:  
0446666360  
www.mahaguru.edu.in

## Workshop on Python for beginners



## Workshop on eSim

**MAHAGURU INSTITUTE OF TECHNOLOGY**  
KATTACHIRA, PALLICKAL PO, KAYAMKULAM, 690503

LEVEL 1: Introduction to eSim  
LEVEL 2: eSim in the Design Process  
LEVEL 3: eSim in the Design Process

Workshop on eSim  
Resource person: Sebin Sunny  
SIMAT FOSSEE Coordinator

<https://meet.google.com/wyd-hduk-dve>

ICFOSS

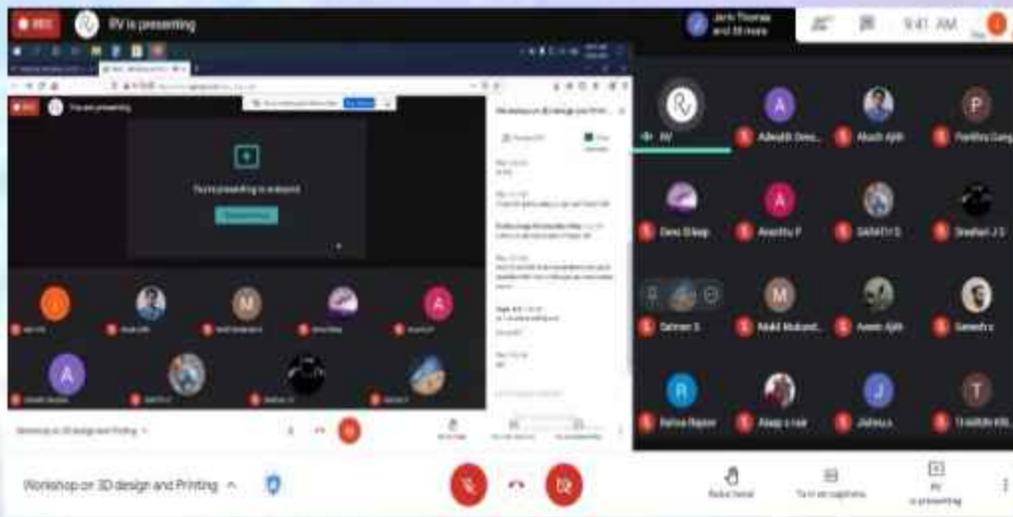
Logo of Mahaguru Institute of Technology

Logo of Government of Kerala

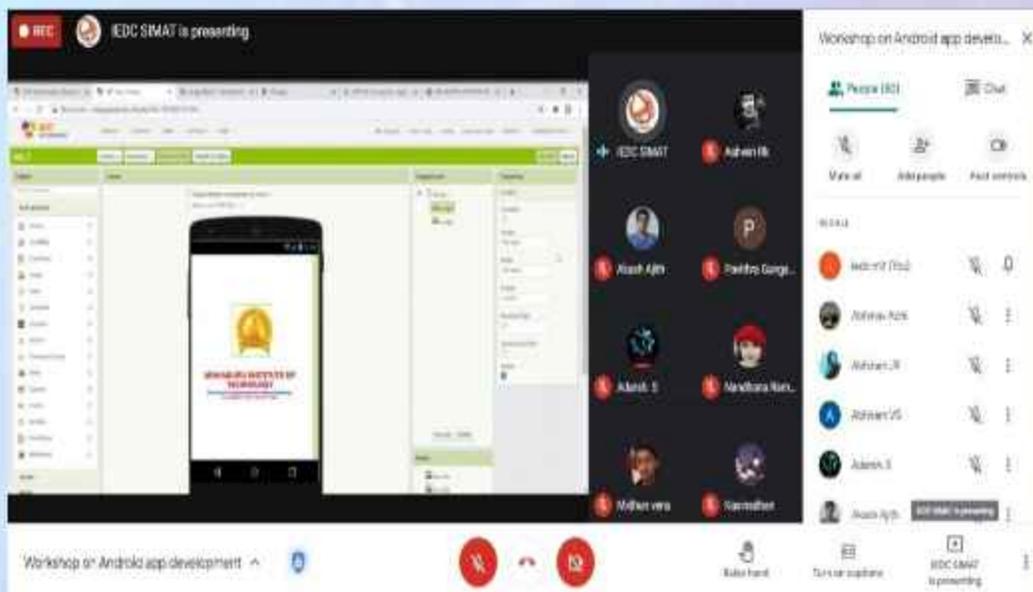
Logo of SIMAT FOSSEE

## Webinar on Coolest Projects Online - Raspberry Pi Foundation

### Workshop on 3D design and printing



### Workshop on Android App Development



## Workshop on Entrepreneurship-Awakening the Entrepreneurial Mindset



College Code:  
**VPE**

# MAHAGURU INSTITUTE OF TECHNOLOGY

One day Bootcamp on  
**Entrepreneurship**

March 30, 2021  
9:00 AM to 4:00 PM

Registration Link:  
<https://forms.gle/cyzzuABNyFPVzxMv9>

Conducted by:  
**ED Club Mahagurutech**

Visit [www.mahagurutech.ac.in](http://www.mahagurutech.ac.in)  
for more details.



**Club in charge**



**Mr. Anup Vasavan**

Asst. Professor, ECE, MIT

# NDLI CLUB MAHAGURUTECH



## **Motto**

Open, inclusive

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and job aspirants. Services for Researchers and general learners are also provided. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages. It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

The NDLI Club Team has approved a request from Mahaguru Institute of Technology to set up a NDLI Club in Mahagurutech. All interested students, faculty members and employees of Mahagurutech can now enroll themselves as members of NDLI Club Mahagurutech.

## **Club authorities**

**Patron**

**Dr. Manju. J**

**Principal Mahagurutech**



**President**

**Asst. Prof. Amjith. S**

**EEE Dept.**



**Secretary**

**Mrs. Smija Raju**

**Librarian**



**Executive Member**

**Ms. Sruthy**

**Student S6 CE**



**Student members: 420**

# Lists of NDLI Club Activities 2020-2021

NDLI AWARENESS PROGRAM

Held on July 10<sup>th</sup> at 2pm

Resource person: Asst. Prof. Amjith S

Welcome address: Ms. Aswathy Prasad

**MAHAGURU INSTITUTE OF TECHNOLOGY**  
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Accredited by NAAC with B+ Grade, An ISO 9001:2008 certified institution

**NDLI AWARENESS PROGRAM**

**Prof. AMJITH S**  
PRESIDENT, NDLI CLUB  
MAHAGURUTECH

National Digital Library of India

Saturday, July 10<sup>th</sup> 2021  
2:00 - 3:00 pm

**ONE LIBRARY CAN ANSWER  
ALL YOUR NEEDS  
AT ALL TIMES**

Join us through <https://meet.google.com/dou-vcbf-enc>

**GOOGLE MEET**

mahagurutech

SCAN & JOIN

Twitter, Facebook, LinkedIn, YouTube icons

# NSS UNIT

**Not Me But You**



***“May the mind be good”***

When we come under the umbrella of a community from many angles, it becomes a society. An NSS unit is made up of 50 students who are committed to this community. Each NSS unit helps to transform many people who have the attitude to grow back in the crowd into personalities. MIT's NSS 216 started its journey in 2014. Since the beginning of that journey, 50 students have been selected for the unit each year. The working time of an NSS unit is 120 hours. Students will be awarded final Year Certificate Activity Points only if they complete this time correctly.

Our NSS unit has carried out many social activities under its auspices. Charitable activities are carried out regularly every year. In the first period, we collected one rupee per day from the students and bought an ambulance led by our unit. During the year 2020, a house was provided to one of the employees of our college.



Our unit was with the society even during the worst flood times. The NSS unit had also provided learning materials to 4 school children from the area when the Corona epidemic terrorized the country. NSS students works as part of community volunteering.



*Distributes learning materials to students under the leadership of the NSS unit*

On top of this, there are many activities that students do to complete their working hours. As part of the NSS camp, students hold separate events over seven days.



*"Only One Earth" - World Environment Day*



*"Clean India" NSS volunteers on 2nd October*



*On National NSS Day*



*Delivering Onam kit to the employees*

The camp and other activities was conducted online for students during the 2020-21 in the context of the Corona epidemic. A number of programs such as fire and rescue demonstration, Corona awareness, yoga camp, etc were conducted to create awareness among the students. Our unit organizes events related to it on all special days

For the good of tomorrow, the NSS Unit 216 will be with you with even more energy.

**Convener**



Mr. Rahul P. Raj

Professor, EEE

MIT

## SPORTS AND GAMES



Sports and games form an integral part of education. It integrates an individual physically, mentally and socially, fostering team spirit among the participants and make them disciplined. Sports and games include outdoor, indoor games and athletics. Students can practice races, jumps, discuss throw, etc. and also play various games like football, kabadi, volley ball, basketball, badminton and cricket.





College games and sports are annual affairs. Inter collegiate tournaments are held in football, volley ball, cricket, kabadi etc. The college endeavours in improving standard of games and sports among its players and athletes by giving systematic training and coaching to the students throughout the year. The college has its team in football, cricket and kabaddi.





**Convener**



Mr. Yadhu Krishnan

Asst. Professor, ME

MIT

## **STUDENTS WELFARE COMMITTEE**

The Student Welfare Committee of Mahaguru Institute of Technology is responsible for the general and specific well-being of students. During the stay of a student in the campus, this committee is responsible for solving all the student's grievances. This committee complies with the policies set by the University in order to facilitate a positive academic environment to the students and help them to proceed in their career with minimal obstruction. The committee works for the overall welfare of the student in terms of student development which consist of student development program and student publication, counseling of the students, social activities and many more.

**In Mahaguru Institute of Technology, students welfare committee works on some basic functions for the welfare of a student which includes the following:**

- **First and foremost to develop the student-teacher relationship bond.**
  - **Listening to their problems and understanding what is required for their development in any manner.**
- **Assisting the students in their learning process and organizing special coaching for slow learners.**
  - **This includes not just academics but also the practical learning experience.**
- **Addressing and solving their various issues.**
  - **Addressing the feedbacks of students regarding different areas of curriculum and resolving the issues with no or little efforts from the students.**

- **Flourishing relationship with parents and organizing meetings for them.**
  - **Addressing the issues from guardians and resolving them to whatever the needs are.**
  - **Not every child understands in the same manner, the committee therefore ensures that those who could not understand the topics shall be taught in a friendlier manner, separately.**
- **Conducting periodic meetings to talk over student welfare. By organizing activities and facilitating student interests.**
  - **Organizes co-curricular activities for personality and skill development.**
- **Managing the needs for extracurricular activities and organizes them**

At last, I would like to conclude that *“Student Welfare Committee is the paternal committee of all committees”* it will not be wrong

**Convener**



Mrs. Sreeti Gangadharan

Asst. Professor, S&H

MIT



*Fests*

## MAHAGURU MAHAUTSAV 2020

An online cultural festival was held on 26<sup>th</sup>&27<sup>th</sup> December 2020 from 9am to 4pm. The college cultural festival was organized to encourage & give knowledge about the cultural and types of cultural activities. The function was attended by the members in the college management, faculties, parents and students.

The grand show commenced by a melodious prayer by Ms. Shilpa. The welcome speech was given by the program coordinator Mr. Amjith. S, Asst. Prof. MIT. The presidential address was done by the college principal Dr. K. Krishnakumar. The inaugural address was held by Sri. V. Sadasivan, Asst. Secretary of MIT college. Vote of thanks was done by Dr. Shalini Sasi, Assoc. Prof. MIT.

Special directions have been given to all the participants to attend for various programs. Distinguished guests, elite guardians, the students of our college attended and participated in the inaugural function. The events of the day-long program includes music, dance, monoact, mimicry, recitation, talent contest elocution, pencil drawing, poetry writing, story writing etc.

However, everybody enjoyed the cultural function and highly appreciated the organizers and the students. The function revealed many aspects of our culture before the audience.





The prize distribution was done on 19<sup>th</sup> February 2021, 11am by the chief guest Sri. Gokulam Gopalan. He congratulated and appreciated all the students for their achievements and contributions.

## **MAHAGURU MAHAUTSAV 2020**

### **Program coordinators**



Mrs. V. P. Ambilimol

Asst. Prof, S&H Dept

MIT



Mr. Amjith S

Asst. Prof, EEE Dept

MIT

# **WINNERS**

## **1. LIGHT MUSIC**

- **1st PRIZE - Pavithraganga Padmanabhan Potty**  
S1 EC

## **2. DANCE (CINEMATIC)**

- **1st PRIZE - Sharika. V. S**  
S5 CE
- **2nd PRIZE - Sivapriya. S**  
S3 CE
- **3rd PRIZE - Vaisakh Vijayan**  
S7 CE

## **3. ELOCUTION**

- **1st PRIZE - Shilpa. B. Anil**  
S3 CE
- **2nd PRIZE - Renjith. R**  
S5 ME
- **3rd PRIZE - Pavithraganga Padmanabhan Potty**  
S1 EC

#### **4. COLLAGE**

- **1st PRIZE - Amal. S**  
S3 ME
- **2nd PRIZE - Harishma. B. Surendran**  
S5 CE

#### **5. MONOACT**

- **1st PRIZE - Pooja Shibikumar**  
S3 CSE

#### **6. MIMICRY**

- **1st PRIZE - Vaisakh Vijayan**  
S7 CE

#### **7. INSTRUMENTAL MUSIC**

- **1st PRIZE - Manu Sajikumar**  
S7 ME
- **2nd PRIZE - Adarsh. S**  
S1 ME

#### **8. PENCIL DRAWING**

- **1st PRIZE - Sreelekshmi**  
S5 ME
- **2nd PRIZE - Adhya Das**  
S1 CSE
- **3rd PRIZE - Adarsh. S, S1 ME**

## **9. ANCHORING**

- **1st PRIZE - Sivapriya. S**  
**S3 CE**

## **10. RECITATION (ENGLISH)**

- **1st PRIZE - Shilpa. B. Anil**  
**S3 CE**
- **2nd PRIZE - Pooja Shibikumar**  
**S3 CSE**

## **11. RECITATION (MALAYALAM)**

- **1st PRIZE - Sharon Mathew George**  
**S5 ME**
- **2nd PRIZE - Vaishnavi. R**  
**S5 CSE**
- **3rd PRIZE - Satheerdhya**  
**S7 EEE**

## **12. RECITATION (HINDI)**

- **1st PRIZE - Bhavana. S**  
**S7 CSE**
- **2nd PRIZE - Athira. M**  
**S5 CSE**
- **3rd PRIZE - Drishya. S. D**  
**S5 EEE**

### **13. POETRY WRITING**

- **1st PRIZE - Aiswarya Devi. S**  
S3 CE
- **2nd PRIZE - Aiswarya Jayaraj**  
S7 CSE
- **3rd PRIZE - Salma. K**  
S3 CSE

### **14. STORY WRITING**

- **1st PRIZE - Sivapriya. S**  
S3 CE
- **2nd PRIZE - Sreelekshmi**  
S5 ME
- **3rd PRIZE - Aiswarya Jayaraj**  
S7 CSE

### **15. YOU HAVE GOT TALENT (TALENT CONTEST)**

- **1st PRIZE - Animisha. K. Sadanandan**  
S1 EC

### **16. PHOTO CONTEST (JINGLE BELLS)**

- **1st PRIZE - Richu. P**  
S1 ME

- **2nd PRIZE - Sreehari Vikraman**  
**S5 EEE**

## **17. NAME CONTEST**

- **1st PRIZE - Rejeesh. R**  
**S1 CSE**

# CELEFIESTA



An online cultural festival was held on 29<sup>th</sup> May 2021 from 9am to 5pm. The college cultural festival was organized to encourage & give knowledge about the cultural and types of cultural activities. The function was attended by the members in the college management, faculties, parents and students.

Special directions have been given to all the participants to attend for various programs. Distinguished guests, elite guardians, the students of our college attended and participated in the inaugural function. The events of the day-long program includes music, dance, photo and video making, drawing competition logo redesign, troll making etc.

However, everybody enjoyed the cultural function and highly appreciated the organizers and the students. The function revealed many aspects of our culture before the audience.

## Program Coordinator:



Mrs. Neethu Krishna  
Assistant Professor  
CSE Department

# **WINNERS OF CELEFIESTA**

## **1. LIVE DRAWING COMPETITION**

- **First prize: Ardra Krishnakumar, S8 CSE**
- **Second prize: Adhya Das, S2 CSE**
- **Third prize: Vibitha. B, S6 CSE**

## **2. PHOTOGRAPHY CONTEST 📷**

- **First prize: Akhila. S, S4 CSE**
- **Second prize: Devu. J, S8 CSE**
- **Third prize: Prabhudeva. M, S6 CSE**

## **3. VIDEO MAKING**

- **First prize: Pranav. S. Namboothiri, S2 CSE**
- **Second prize: Aravind. K, S2 CSE**
- **Third prize: Aswathy, S8 CSE**

## **4. REELS**

- **First prize: Bhavana, S8 CSE**
- **Second prize: Sruthy, S8 CSE**
- **Third prize: Meenu. S and Rimshina N. R, S2 CSE**

## **5. TROLL MAKING**

- **First prize: Gayathri. G. Murali, S4 CSE**
- **Second prize: Akhil Raju, S4 CSE**
- **Third prize: Jyothish. A, S2 CSE**

## **6. MUSIC**

- **First prize: Vaishnavi. R, S6 CSE**
- **Second prize: Athira. M, S6 CSE**

## **7. INSTRUMENTAL MUSIC**

- **First prize: Vishnu Prasad, S6 CSE**

## **8. SOLO DANCE**

- **First prize: Dhanyamol. S, S6 CSE**
- **Second prize: Bhavana. S, S8 CSE**
- **Third prize: Dhyuthi. S. Vijay, S4 CSE**

## **9. LOGO REDESIGNING CONTEST**

- **First prize: Jins Francis, S8 CSE**
- **Second prize: Devika Saha , S6 CSE**

- **Third prize: Meenu. J, S8 CSE**

## **10. DEBUGGING**

- **First prize: Anandu. R. Das, S4 CSE**
- **Second prize: Bovaz Stanly, S6 CSE**
- **Third prize: Darsh. S. Kumar, S2 CSE**

## **11. QUIZ**

- **First prize: Ajeesh, S8 CSE**
- **Second prize: Kavya Suthan, S6 CSE**

## **12. DARE GAMES**

- **First prize: Jins Francis, S8 CSE**
- **Second prize: Rimshina N. R, S2 CSE**
- **Third prize: Prabhudeva. M, S6 CSE**

## LIVE DRAWING COMPETITION



**Aadra Krishnakumar**  
S8 CSE



**Adhya Das**  
S2 CSE



**Vibitha. B**

**S6 CSE**

## *PHOTOGRAPHY CONTEST*



**Akhila. S**  
**S4 CSE**



**Devu. J**  
**S8 CSE**



**Prabhudeva. M**  
**S6 CSE**

# CIVISTA



An online cultural festival was held on 13<sup>th</sup> June 2021 from 9am to 5pm. The college cultural festival was organized to encourage & give knowledge about the cultural and types of cultural activities. The function was attended by the members in the college management, faculties, parents and students.

Special directions have been given to all the participants to attend for various programs. Distinguished guests, elite guardians, the students of our college attended and participated in the inaugural function. The events of the day-long program includes music competition, dance competition, reels competition, logo quiz, Mr and Miss Civista, Bottle art, Picture perception, Drawing competition etc.

However, everybody enjoyed the cultural function and highly appreciated the organizers and the students. The function revealed many aspects of our culture before the audience.

## **Program Coordinators:**



**Mrs. Neeraja Chandrashekhar**

**Assistant Professor**

**CE Department**



**Mrs. Lekshmi M. G**

**Assistant Professor**

**CE Department**

# **WINNERS OF CIVISTA**

## **1. DANCE COMPETITION**

- **First prize: Arathi. S. Unnithan (S8 CE)**
- **Second prize: Sharika V. S (S6 CE)**
- **Third prize: Sivapriya (S4 CE)**

## **2. LOGO QUIZ**

- **First prize: Viswa. G (S6 CE)**
- **Second prize: Aiswarya Jayalal (S4 CE)**
- **Third prize: Sharika V. S (S6 CE)**

## **3. PICTURE PERCEPTION**

- **First prize: Gopika. S (S6 CE)**
- **Second prize: Harishma. B. Surendran (S6 CE)**
- **Third prize: Sruthy. R (S4 CE)**

## **4. REELS**

- **First prize: Sivapriya (S4 CE)**
- **Second prize: Pranav Raj (S4 CE)**
- **Third prize: Sreekuttan (S6 CE)**

## **5. DRAWING**

- **First prize: Monish. S (S6 CE)**
- **Second prize: Bini Monichan (S8 CE)**
- **Third prize: Aswin Ajith (S2 CE)**

## **6. MUSIC**

- **First prize: Sarath. S (S2 CE)**
- **Second prize: Shilpa. B. Anil (S4 CE)**
- **Third prize: Parvathy. S (S6 CE) and Abin Joseph (S6 CE)**

## **7. BOTTLE ART**

- **First prize: Akash Panicker (S4 CE)**
- **Second prize: Pavithra Anirudhan (S2 CE) and Jasmin Noushad (S4 CE)**
- **Third prize: Viswa. G (S6 CE), Akshay (S4 CE), Bhavan Ezhava (S4 CE)**

## **8. Mr and Miss CIVISTA**

- **Mr Civista: Kashinadhan. A (S2 CE)**
- **Miss Civista: Viswa. G (S6 CE)**

# BOTTLE ART





## DRAWING COMPETITION

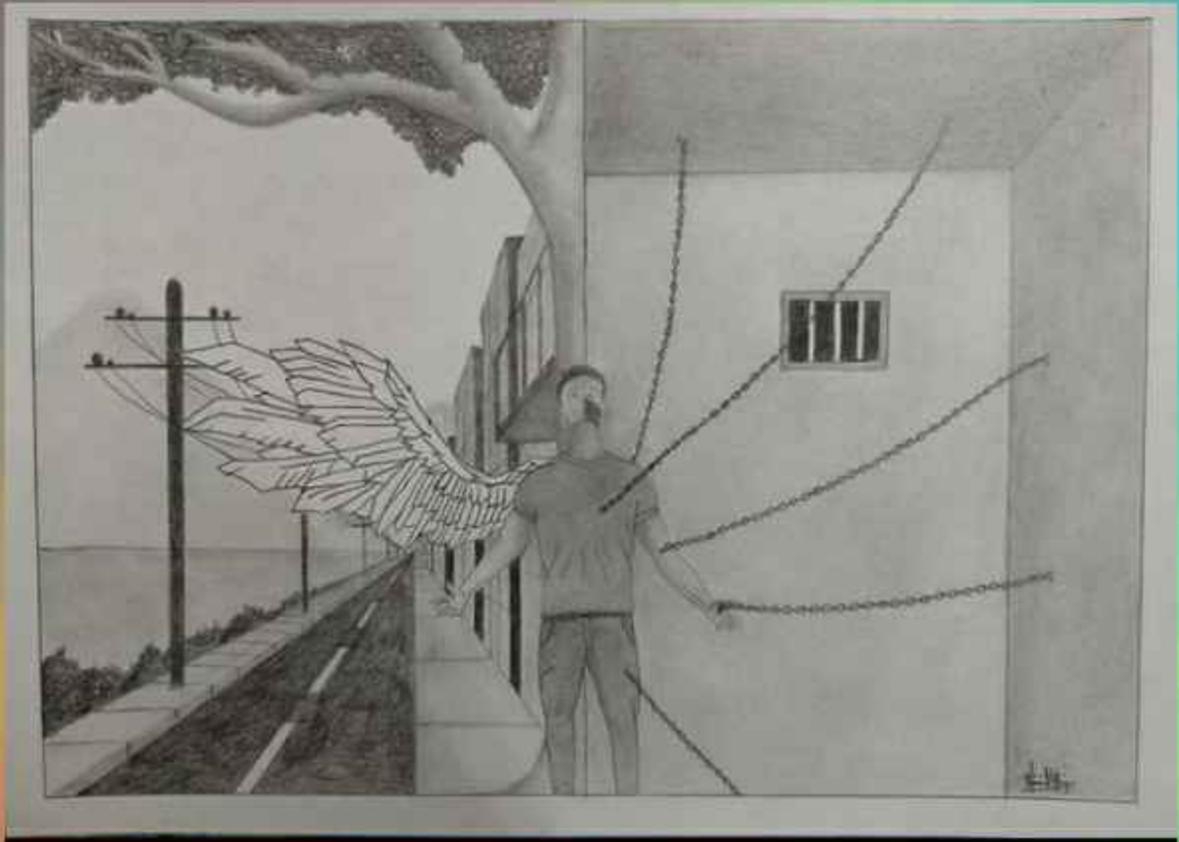


**Bini Monichan**

**S8 CE**



**Aswin Ajith, S2 CE**



**Monish. S**

**S6 CE**

# RHYTHM 2K21



An online cultural festival was held on 15<sup>th</sup> May 2021 from 9am to 5pm. The college cultural festival was organized to encourage & give knowledge about the cultural and types of cultural activities. The function was attended by the members in the college management, faculties, parents and students.

Special directions have been given to all the participants to attend for various programs. Distinguished guests, elite guardians, the students of our college attended and participated in the inaugural function. The events of the day-long program includes Music competition, Elocution, Recitation, Poetry writing, Story writing, drawing competition etc.

However, everybody enjoyed the cultural function and highly appreciated the organizers and the students. The function revealed many aspects of our culture before the audience.

## Program Coordinators:



**Mrs. Gayathri Devi. G**

**Assistant Professor**

**EEE Department**



**Mrs. Malu. U**

**Assistant Professor**

**ECE Department**

# **WINNERS OF RHYTHM 2K21**

## **1. LIGHT MUSIC**

- **First prize: Pavithraganga (S2 ECE)**
- **Second prize: Anishma. K. Sadanandan (S2 ECE)**

## **2. ELOCUTION**

- **First prize: Rameez (S8 ECE)**
- **Second prize: Pavithraganga (S2 ECE)**

## **3. RECITATION (MALAYALAM)**

- **First prize: Satheedhya. B (S8 EEE)**
- **Second prize: Pranav Gokul (S2 EEE)**

## **4. RECITATION (ENGLISH)**

- **First prize: Anagha. J (S8 EEE)**
- **Second prize: Satheerdhya. B (S8 EEE)**

## **5. POETRY WRITING**

- **First prize: Anjana. S (S8 ECE)**
- **Second prize: Satheerdhya. B (S8 EEE)**

## **6. STORY WRITING**

- **First prize: Prasit. B. Prakash (S2 ECE)**
- **Second prize: Aswathy Prasad (S6 EEE), Sethulekshmi. J (S2 ECE)**

## **7. PENCIL DRAWING**

- **First prize: Anjana. S (S8 ECE)**
- **Second prize: Praisy. B. Prakash (S2 ECE)**

# RANK HOLDERS

## KTU RANK HOLDERS

(SGPA 10/10)



AKSHAYA DAS



MINNU S



AISWARYA S G



DEVU J



HARIKRISHNAN U



SAHAL MOHAMMED S



ANAGHA J



MINNU S



ABU FAYAZ



AJITH SAGAR



CAROL FRANCIS



KEERTHY PRASAD



ATHIRA N THANKAPPAN



VISWA G



ANUJA D



SAGAR, A. R



SNEHA GORAN



NANDANA R



SURABHI BURESH



S SREELEKSHMI



LEKSHMI S

## **B TECH RANK HOLDERS**

### **S8 RANK HOLDERS**

**Akshaya Das**

**Minnu. S**

**Aiswarya S. G**

**Devu. J**

**Harikrishnan. U**

**Sahal Mohammed. S**

**Anagha. J**

### **S4 RANK HOLDERS**

**Abu Fayaz**

**Ajith Sagar**

**Carol Francis**

**Aswathy Prasad**

**Athira. N. Thankappan**

**Viswa. G**

**Anuja. D**

### **S2 RANK HOLDERS**

**Sagar A. R**

**Sneha Gopan**

**Nandana. R**

**Surabhi Suresh**

**S. Sreelekshmi**

**Lekshmi. S**

# M TECH RANK HOLDERS



## MAHAGURU INSTITUTE OF TECHNOLOGY

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Accredited by NAAC with B+ Grade. An ISO 9001-2008 certified Institution.

### M.TECH RANK HOLDERS (CGPA 10/10)

**QUALITY  
EDUCATION  
REDEFINED**



**Fathima Basha C S**  
VPE19CESC05



**Nandini Nair**  
VPE19CESC09

**COLLEGE CODE : VPE**



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+91 70128 10095  
office@mahagurutech.ac.in



**DISCIPLINE, DEDICATION AND DETERMINATION.**



## MAHAGURU INSTITUTE OF TECHNOLOGY

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Accredited by NAAC with B+ Grade. An ISO 9001-2008 certified Institution.

**COLLEGE CODE : VPE**

### MTECH S4 RANK HOLDERS SGPA 10/10



**AMAL S**  
VPE19MEM001



**Deeshma D**  
VPE19CESC04



**Fathima Basha C S**  
VPE19CESC05



**Hridya K**  
VPE19CESC07



**Nandini Nair**  
VPE19CESC09

### MTECH S4 TOPPERS SGPA 9/10



**Akshaya B**  
VPE19CESC01



**Arya Prakash**  
VPE19CESC03

**QUALITY  
EDUCATION  
REDEFINED**

**COLLEGE CODE : VPE**

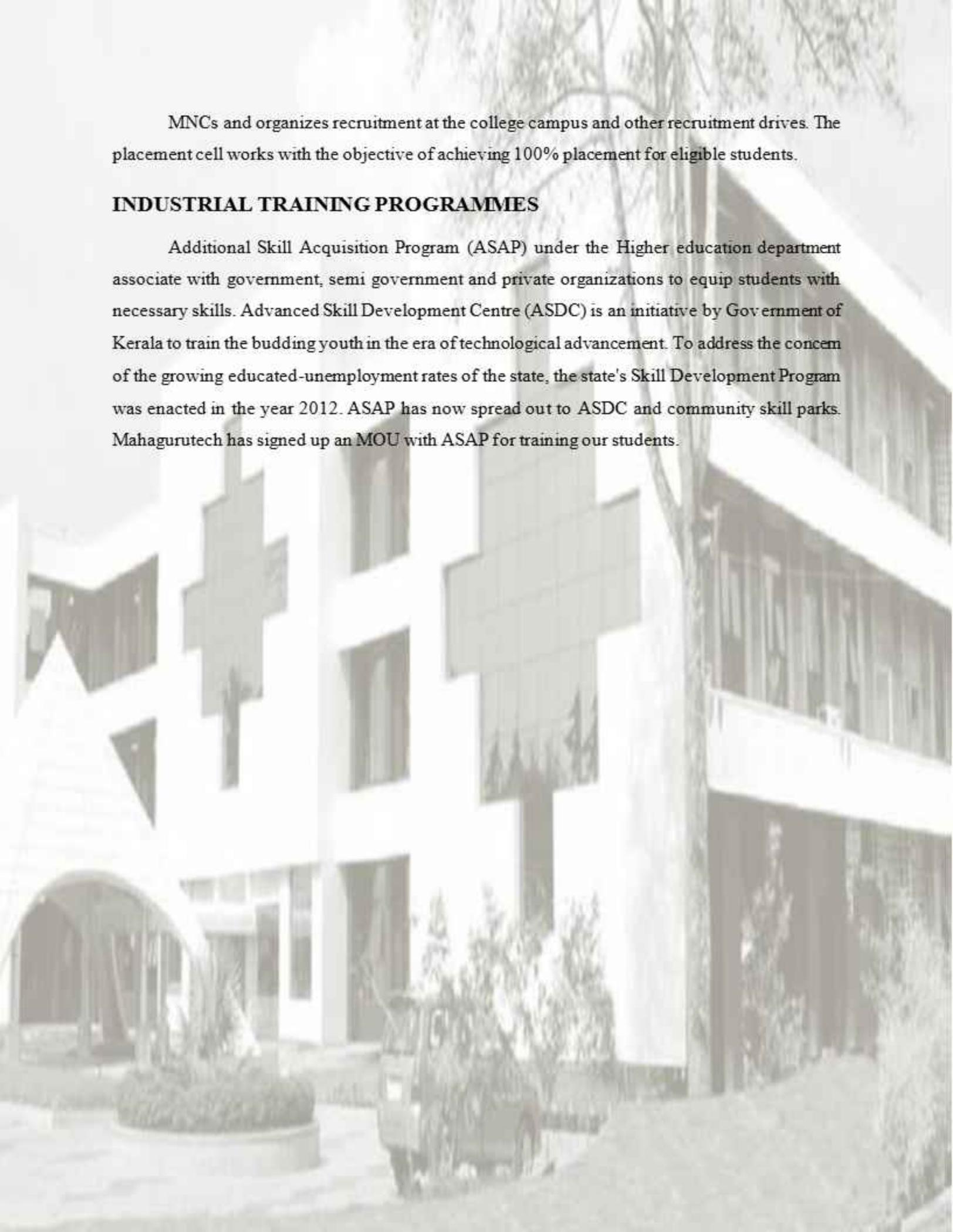


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**DISCIPLINE, DEDICATION AND DETERMINATION.**





MNCs and organizes recruitment at the college campus and other recruitment drives. The placement cell works with the objective of achieving 100% placement for eligible students.

## **INDUSTRIAL TRAINING PROGRAMMES**

Additional Skill Acquisition Program (ASAP) under the Higher education department associate with government, semi government and private organizations to equip students with necessary skills. Advanced Skill Development Centre (ASDC) is an initiative by Government of Kerala to train the budding youth in the era of technological advancement. To address the concern of the growing educated-unemployment rates of the state, the state's Skill Development Program was enacted in the year 2012. ASAP has now spread out to ASDC and community skill parks. Mahagurutech has signed up an MOU with ASAP for training our students.



# INDUSTRIAL VISITS







# HOLI CELEBRATION





# BEST MEMORIES



LIFE IS MY COLLEGE. MAY I  
GRADUATE WELL, AND EARN  
SOME HONORS!  
- LOUISA MAY ALCOTT



**MAHAGURU INSTITUTE OF TECHNOLOGY**

Kattachira, Pallickal P. O, Kayamkulam, Kerala 690503