

BYTES
CSI STUDENT BRANCH
MAGAZINE
AY 2019-20

JANUARY-APRIL

VOLUME - ISSUE - III

ARTICLES | REPORTS | STORIES

ABOUT CSI

The seed of Computer Society of India (CSI) was first shown in the year 1965 with a handful of IT enthusiasts who were a computer user group and felt the need to organize their activities. They also wanted to share their knowledge and exchange ideas on what they felt was a fast emerging sector. Today the CSI takes pride in being the largest and most professionally managed association of and for IT professionals in India. The purposes of the society are scientific and educational directed towards the advancement of the theory and practice of computer society and IT. The organization has grown to an enviable size of 100,000 strong members consisting of professionals with varied backgrounds including software developers, scientists, academicians, project managers, CIO's, CTO's and IT vendors to just name a few. It has spread its branches all over the country. Currently having more than 500 student branches and rooted firmly at 73 different locations, CSI has plans of opening many more chapters and activity centres in smaller towns and cities of the country. The idea is to spread the knowledge and provide opportunities to as many interested as possible.

CSI VISION : " IT for Mass"

Keeping in mind the interest of the IT professionals and computer users CSI works towards making the profession an area of choice amongst all sections of the society. The promotion of information Technology as a profession is the top priority of CSI today. To fulfil this objective, the CSI regularly organizes conferences, conventions, lectures, projects, awards and at the same time it also ensures that regular training and skill updating are organized for the IT professionals. Education Directorate, CSI helps physically challenged citizens by providing training 'Punarjani'. CSI also works towards a global approach, by seeking out alliances with organizations overseas who may be willing to come forward and participate in such activities. CSI also helps governments in formulating IT strategy and planning.

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- Prof. Sharada U Shenoy

EDITORS

- Gagandeep Bekal
- Jason Mark Sequeira

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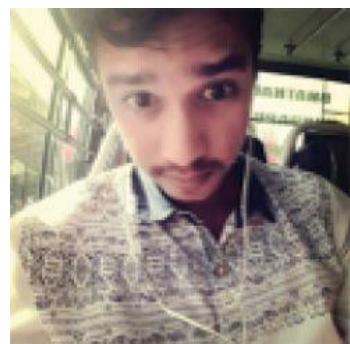
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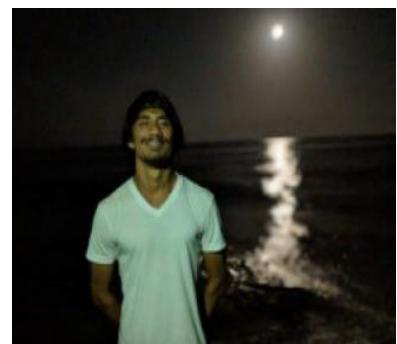
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- B Ankush Nayak
- Sunidhi Hegde
- Chintan RK
- Gautham Krishna

MESSAGES

PRINCIPAL



I am very much delighted to know that yet another fruitful year has passed by and every year CSI organizes innovative events. This magazine has the detailed report of all year-long activities. I wish and hope that in the years to come we should have sizable number of student members from all the branches of engineering, under our student branch, as computer and IT technology is becoming more and more relevant to all branches of engineering.

My hearty congratulations to the entire editorial team of this magazine.

Dr. Niranjan Chiplunkar

Principal, NMAMIT Nitte

VICE PRINCIPAL



I am very happy to know that Computer Society of India, NMAMIT Nitte Chapter is bringing annual magazine of the year 2018-19. Magazine is the reflection of the creativity of students and staff, involved in multifarious activities undertaken by the chapter which helps in developing writing skills among the students and staff. Bringing out the annual magazine in time is matter of discipline, I whole heartedly congratulate the editor and her team for the effort to maintain the quality of the magazine. I am sure magazine will be a benchmark with good quality of programmes and activities organized by CSI chapter.

I am sure the magazine will showcase the talents for students in conducting quality programmes and activities which are beneficial to CSE branch. Students will enjoy the sweet memories of great events conducted under CSI chapter. I congratulate the magazine editing committee for putting all effort in bringing out the magazine in a benefitting fashion with quality contents.

Dr. I R Mithanthaya

Vice Principal & Dean (Academics)

HOD CS DEPT



Good things remain good only because they are always scarce. I am glad to know that the CSI Student Branch of NMAMIT is bringing out 2019 issue of their technical magazine. I hope this issue will be a productive technical material and skill developing toll for the readers of this magazine.

I have great pleasure in conveying my best wishes to CSI team for involving in many technical and other activities in building up the student career. I am sure that the continued commitment of CSI team will reach to its greater heights. And I am sure this magazine will provide an exhaustive information about the department and the institute to the readers. I wish them all the best and success for the future endeavours.

Dr. Uday Kumar Reddy K R

Professor & Head

Department of CSE, NMAMIT

STUDENT COUNSELLOR



Greetings to you from CSI Student Branch...!!

I congratulate the student chairman and executive committee members for bringing out this issue of magazine for the academic year 2019-20. The CSI student branch has been very active and conducting a large number of events every year. We conduct variety of technical events including workshops, talks, motivational sessions, competitions, story writing and photography competitions with technical theme, paper presentations and many more. Our student got the best student branch award in AY 2016-17. The expectations are growing still higher and forthcoming executive needs to work hard. Students need to think more creatively and constructively to conduct many more innovative events and keep up the expectations. Every year a large number of students apply aspiring to work in executive committee and selections are carried out based on the merits of their resume and their vision for success of CSI student branch. Students in large number need to take the advantage of the technical knowledge and management skills imparted through the CSI student branch, either being a part of committee or by participating in these events. I thank all the faculty coordinators, executive committee members, student coordinators and participants for cooperation in smooth working of the activities of student branch.

Prof. Sharada U Shenoy

Student Branch Counsellor

CSI Student Branch NMAMIT

CHAIRMAN



Greeting to all.....!!

Every year the Computer Society of India organizes more than 25 events and this year I was blessed with the opportunity to serve CSI as the Chairman for the academic year 2019-20. With the community of 89 students and faculty coordinators we have successfully completed various events for our students. I had the opportunity to interact with many students and faculty coordinators and develop a professional relationship with them. I would like to thank all the committee members and their support and dedication, which helped us to conduct events smoothly.

Special thanks to Prof. Sharada U Shenoy and all the faculty coordinators for their continuous guidance and support, without which this year wouldn't have been so fruitful. Last but not the least, I sincerely thank all the committee members for their active support. I wish the incoming committee members all the best to take CSI to greater heights.

Jason Sequeira

Chairman

CSI Student Branch NMAMIT



EVENTS

KAHAANI MEIN TWIST

DATE: 15-01-2020



Computer Society of India student branch was back with another exciting event on 15th January 2020 in LH506 where we presented Kahaani Mein Twist, a place for all those day dreamers, tale spinners and potpourri concoctions to showcase their talent. They say the pen is mightier than the sword, but what's the difference really? They both have the power to slay you and transcend someone to another world.

The Students battled on pens for this competition. A snippet or a prompt of 3-4 lines which was provided, and students had to continue the story with original content. It had word limit of 500 words. We had a total of 14 participants, 10 as a team of two and 4 single participants and the "Best" stories would be presented in the CSI Student Branch Magazine "Bytes". The organizers rocked the event and led to bright and happy faces on them, going through the stories by the participants and event started and ended up well.



The winning teams of this event were Ms. Rashmi (4NM19CS155) - won first and the runner's up of this event were Ms. Vaishali(4NM19BT060) and Ms. Nisha (4NM19EE037).

The student organisers were Ms. Jovita Andrews, Ms. Shravika, Ms. Shrivya and Mr. Gagandeep Bekal from VI SEM CSE.

The faculty coordinators were Prof. Sharada U Shenoy, Mrs. Shabari Shetty

MINUTE TO WIN IT

DATE: 16-01-2020



Computer Society of India student branch brought in a refreshing event for the students on 16th January 2020 in LH506. This competition was all about teamwork and time management skills as the quote goes - “coming together is a beginning, keeping together is progress, working together is success”.

The teams of three could participate and there were total of 27 teams. Event consisted of three rounds, top five teams will be selected from the first round, the top two teams will be selected for the final round. Positive feedback and the bright faces from the participants indicated that they were having a good time.

The event ended with the winning team making the event a huge success.



The winning team of this event was Mr. Naman (4NM18CS097), Mr. McEnroe Ryan (4NM18CS092) and Mr. Nidhish (4NM18CS096).

The student Organizers were Ms. Ashika, Ms. Anusha J, Ms. Abhijina, Mr. Basanagouda from VI SEM CSE. The faculty coordinators were Prof. Sharada U Shenoy, Mrs. Shabari Shetty.

CSI AWARDS

DATE: 16-01-2020 to 18-01-2020



Dr. Udaya Kumar K Shenoy and Prof. Sharada U Shenoy, receiving the honour “*Best Accredited Student Branch Award*” and “*Largest Student Branch Award*” in 53rd Annual Convention at KIIT University, Bhubaneshwar on 18th January 2020

Computer Society of India (CSI) is the India's largest and oldest body of IT professionals. CSI has instituted National IT awards for individuals and organizations with significant contribution to the IT community. During the 53rd Annual CSI Convention-2020 held at KIIT University, Bhubaneshwar, Odissa, NMAM Institute of Technology, Nitte was awarded with the prestigious "*Best Accredited Student Branch Award*" and "*Largest Student Branch Award*" for contributions made during 2017-2019. Dr. Udaya Kumar K Shenoy, Professor, Dept. of CSE and Senior Life Member of CSI and Prof. Sharada U Shenoy, Associate Professor,

Dept. of CSE and NMAMIT CSI Student Branch Counsellor received the awards in the presence of Dr. Achuytananda Samanta, MP, Founder KIIT & KISS, Dr. Gulsan Rai, Cyber Security Adviser, PMO, Dr. Mike Hinchy, President of IFIP, Prof. K K Aggarwal, Chairman, NBA, Sri Rajiv Kumar, Member Secretary, AICTE, Dr. R. K. Vyas, CSI Chairman Elect. and other dignitaries.

The selection for the Best Chapters awards and Best Student Branch awards are based on the last three years' performance and activities among nearly 400 institutes. With more than 700 membership count, CSI Student Branch at NMAM Institute of Technology has conducted more than hundred technical events including conferences, workshops, technical talks, seminars, quizzes, paper presentations and various competitions for engineering students in last three years.

Prof. Sharada U Shenoy, the CSI Student Branch Counsellor at NMAM Institute of Technology also received the "*Longest Continuous SBC award*" for the year 2017-19, for her contributions towards CSI activities at the Institute.

During the 53rd Annual Convention of CSI, with the theme "Digital Democracy- IT for Change" held at KIIT University, Bhubaneshwar, Odissa during 16th - 18th January 2020, many technical sessions and panel discussions were held in which industry experts, educationists, government officials participated and provided the digital road-map of India. Dr. Gulsan Rai, Cyber Security Adviser, PMO, Prof. K K Aggarwal, Chairman, NBA, Sri Rajiv Kumar, Member Secretary, AICTE, Sri Tarun Vijay, Chairman NMA, Sri Vineeth Goenka, Governing Council Member, CRIS, Dr. S.K. Sahoo, Director MSME, GOI, Dr. Sudhanshu Sarangi, Police Commissioner, Odisha, Dr Subash Pani, IAS, Dr. L.M. Patnaik, IISc. were among them.

This is the consecutive third year that NMAMIT, Nitte Student Branch is receiving "*Best Accredited Student Branch Award*" and "*Longest Continuous SBC award*".



Prof. Sharada U Shenoy, receiving the honour “*Longest Continuous SBC Award*” in 53rd Annual Convention at KIIT University, Bhubaneshwar on 18th January 2020

CLOUD WORKSHOP

DATE: 23-01-2020

NITTE EDUCATION TRUST | NMAM INSTITUTE OF TECHNOLOGY



The Computer Society of India student branch conducted a training program- “Cloud Computing and Dockers- A Google’s Perspective”. Total 72 students from various branches participated in this workshop. This was an introductory training program where they learned the basics of cloud computing, deployment of Dockers and Kubernetes. Later the series of advanced training and the projects will be given in the same area. Resource persons of this training program was Mr Suhan Shetty, Solutions Architect, Niveus Solutions Pvt. Ltd. The Niveus Solutions has Google as their major client and they expertise in cloud and container security.

Topics covered under Google cloud platform included Dockers, Shell scripting in GCP, Kubernetes, Docker playground, API and libraries, Kata coda, AWS. A brief Introduction to GIT, hypervisor, different

microservices like on prem, IaaS, PaaS, SaaS, CaaS, FaaS, usage of qwiklabs to learn cloud computing easily, theory on database as clusters was thought. This training was a bright opening to a new side of the computer networking and students understood the concepts and further it is a stepping-stone towards the wide area of this subject. The student's turned up in large numbers leading to the success of the programme and gave a very good feedback on this event.



Student Organizers were Mr. Harshit, Mr. Skanda, Mr. Sujay and Mr. Ankush - VI SEM CSE.

The faculty coordinators were Prof. Sharada U Shenoy, Dr. Udaya Kumar K Shenoy, Mrs. Shabari Shetty and Prof. Pawan Hegde.

ART GALA

DATE: 07-04-2020 to 14-04-2020



The Computer Society of India (CSI), NMAMIT student branch organized a drawing competition for the students in order to give the students an opportunity to showcase their skills and talents in the field of art during the lockdown period.

A period of seven days was given as the deadline for the participants to upload their drawings into the link provided. One individual could submit a maximum of three drawings.

There was a total of 33 participants with different kinds of artwork like sketches, paintings, mandala etc. CSI student branch counsellor Dr. Sharada U Shenoy along with Dr. Udaya Kumar Shenoy, Mrs. Savitha Shetty, Mrs. Saritha Shetty, Mrs. Chinami Shetty, Ms. Rajshree were the judges for the competition.

It was a tough job for the jury to pick the winner as all the drawings were unique in their own way. This contest witnessed active participation from the students of all the departments thus making it a success. The top three drawings were picked based on creativity, perfection and neatness. Winners of the event were:

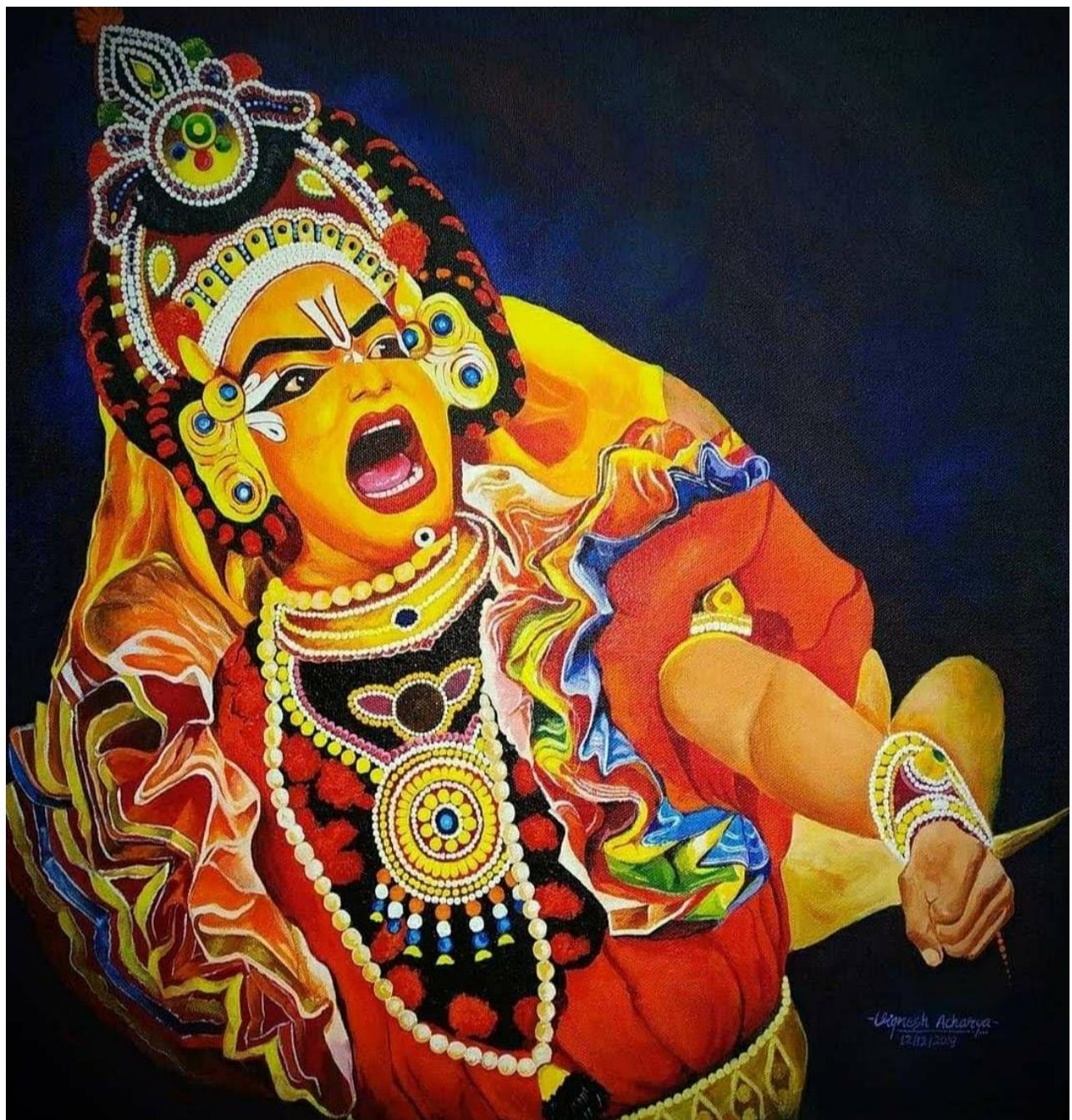
Shiv Shankar Shyam (4NM17ME168) – 1st place

Vignesh Acharya (4NM17CS208) – Runner Up

Rahil Hasan(4NM17ME094) – Consolation



-Shiv Shankar Shyam (4NM17ME168)



-Vignesh Acharya (4NM17CS208)



-Rahil Hasan(4NM17ME094)

LENSATIONAL

DATE: 14-04-2020 to 24-04-2020



The Computer Society of India (CSI), NMAMIT student branch organized an online photography competition amid the lockdown through which you can tell others about how they spend their lockdown days. Another exciting event to lighten up your mood and kill your boredom during lockdown.

The theme was "Life during Lockdown/ Quarantine". The photos were not to be edited and mobile photography was accepted. This was open to all branches. There were around 15 participants and the winners were judged based on their creativity, quality and lighting settings etc. They were given a duration of ten days to submit their clicks. The event witnessed some amazing pictures and the top three pictures were chosen.

CSI student branch counsellor Dr. Sharada U Shenoy along with Dr. Udaya Kumar Shenoy, Mrs. Savitha Shetty, Mrs. Saritha Shetty, Mrs. Chinami Shetty, Ms. Rajshree and the student coordinators were the judges for the competition.

The student Organizers were Mr. Thejas, Mr. Stalin and Mr. Faraz from V sem B.E Department of CSE. The faculty coordinator of event was Dr. Sharada U Shenoy.

The winners were:

Shreepada Bhat (4NM19EC163) – 1st place

Kiran holla (4NM18CS070) – Runner Up

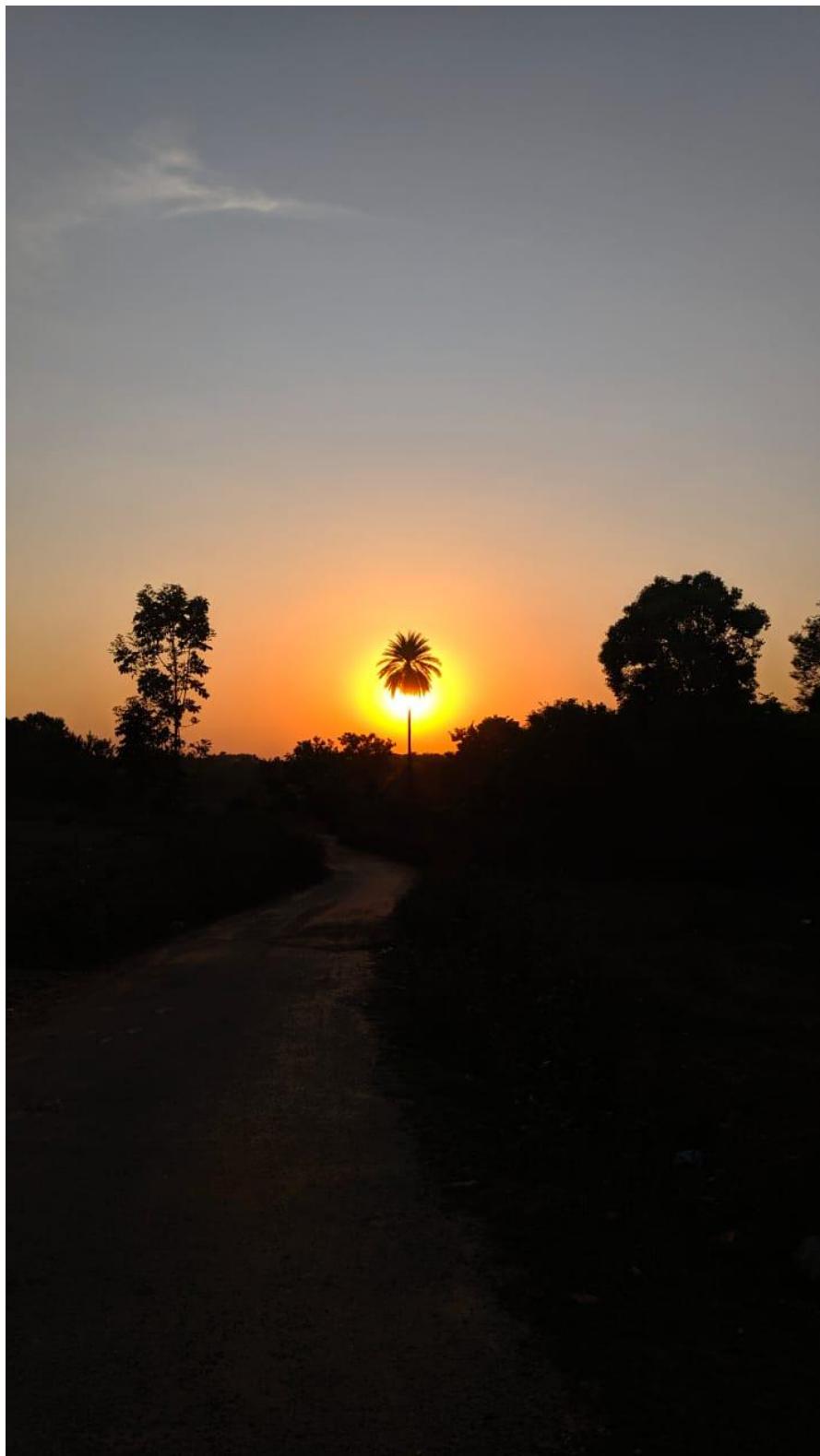
Shashank N (4NM18IS100) – Consolation



-Shreepada Bhat (4NM19EC163)



-Kiran holla (4NM18CS070)



-Shashank N (4NM18IS100)



STUDENT'S CORNER



Vignesh A
4NM17CS208

PORTRAIT OF A THIEF

Under the yellow mist of the lamppost,
He stood, on a cold winter night.
Possessing, the thinnest layer of clothing,
Whilst a heart, as thick as frozen blood.
Monochromatic moustache of his,
Wrinkles, and skin of exploited labor.
Eyes, as innocent as a wolf,
Texture, of rain-kissed clay.
He stared at the nobles across the street,
An inn, for only the true humans.
He gazed, as snowflakes settled over his torn tunic,
And as a gentleman helped a lady to her seat.
The winter breeze sent chills down his spine,
Yet, with shivering, wounded legs, he stood.
The man asked, for the most exquisite of wines,
While the lady ordered her meal with royal etiquettes.
His toes cuddled with the snow,
As the lady embraced the inn's warmth. And slowly,
The night drew to a close, as the nobles vacated the inn,
Leaving behind, a table with expensive leftovers.
The man sneaked forth,
Towards the alley behind the inn.

And with his 'rat bite' inspired gloves on,
Waited for the innkeepers to dispose the night's waste.
He crawled into the dump, with a sack,
Picked his drink, his main course, his dessert.
And before the innkeepers could shoo him off,
He ran across the street, for his futile life,
Away from the lamppost, with priceless fodder.
Maybe it's for a dying wife,
One suffering from an incurable disease.
Perhaps it's for his 2 kids,
A boy cursed with sight,
A girl blessed with blindness.
However harsh your conditions, untrue human,
Doesn't it still make you, a thief?

Kishan
4NM17CS090

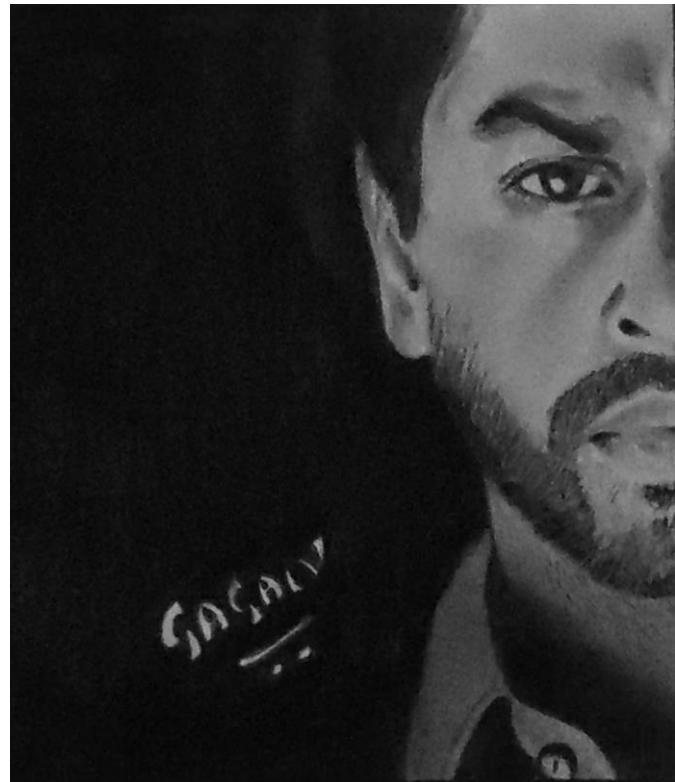


Gagandeep Bekal
4NM17CS062

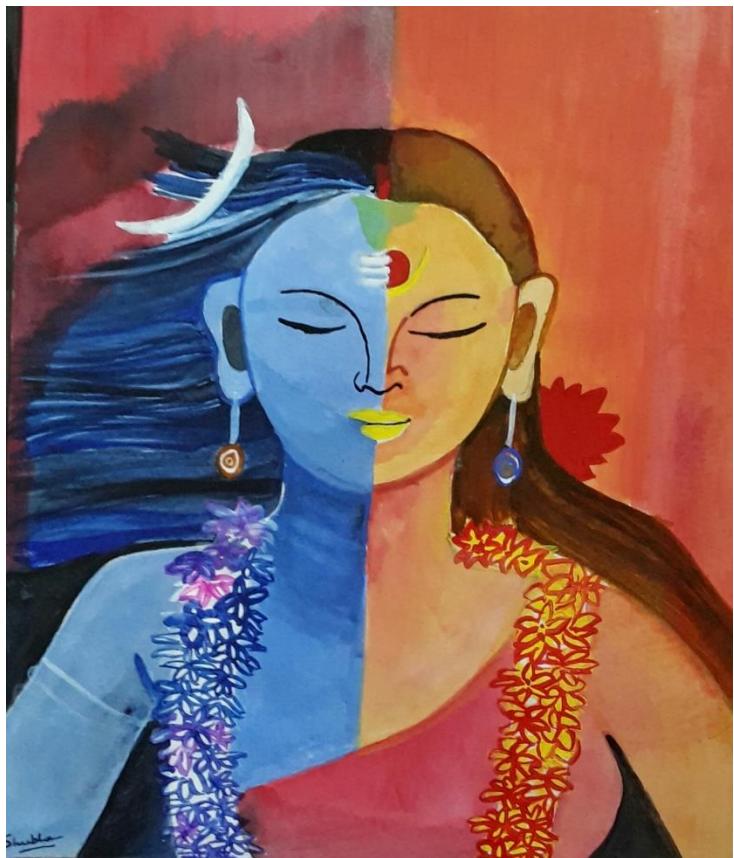


Shravya S Rao
4NM17CS171

Gagandeep Bekal
4NM17CS062



Sunidhi Hegde
4NM18CS195



Shubhalaxmi
4NM17CS180

Vignesh A
4NM17CS208



ABOUT US



The Computer Society of India(CSI) started in our college NMAMIT, Nitte in the year 2007. It aims at imparting technical knowledge and ethical responsibilities in the students through all its activities. It encourages and motivates students to organize and volunteer in various workshops, events to instil in them a sense of responsibility, confidence and determination. It also aims at personality development. Hands on workshops are conducted to make the students experience the latest trends. The theoretical knowledge obtained in the classes is used for the implementation, hence providing the practical knowledge to all. To keep the students updated about the recent technologies technical talks are arranged. Every possible attempt is made, to make the students equipped with the best of the technical knowledge available to groom them into a perfect engineer.

For more information follow us on:

Website : www.csinmamit.in

LinkedIn : www.linkedin.com/in/csi-student-branch-nmamit-3341011b8

Instagram : @csi_nmamit