



NITTE
EDUCATION TRUST



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BYTES

CSI STUDENT BRANCH MAGAZINE

AY 2019-20

OCTOBER-JANUARY

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

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- Gagandeep Bekal
- Jason Mark Sequeira

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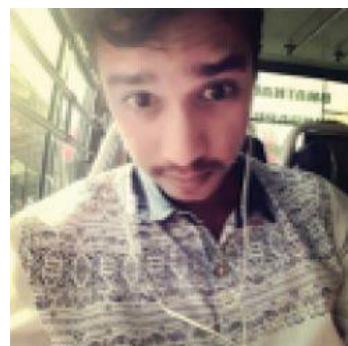
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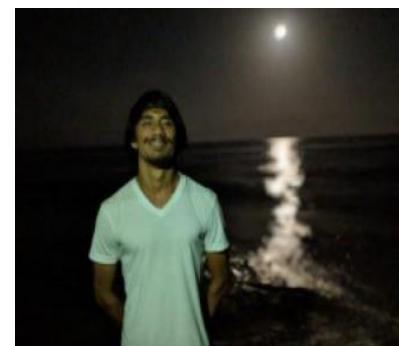
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- Chintan RK
- Gautham Krishna

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

INQUIZITIVE

DATE: 09-10-2019



The Computer Society of India (CSI), NMAMIT student branch organised an IT based quiz, the quiz consisted of two rounds namely preliminary consisting of 7 entries in a team of two and the final round with the top five teams.

Prelims was conducted as a pen and paper test which had 15 direct questions with no options based on IT sector.

Two teams were eliminated on based on their scores and timing hence 5 teams proceeded to the finals.

The finals consisted of two rounds, 1st round was identifying the IT company based on the given tagline and the 2nd round had descriptive questions.

Participants were made to bid points on their answers which made the competition more fun.

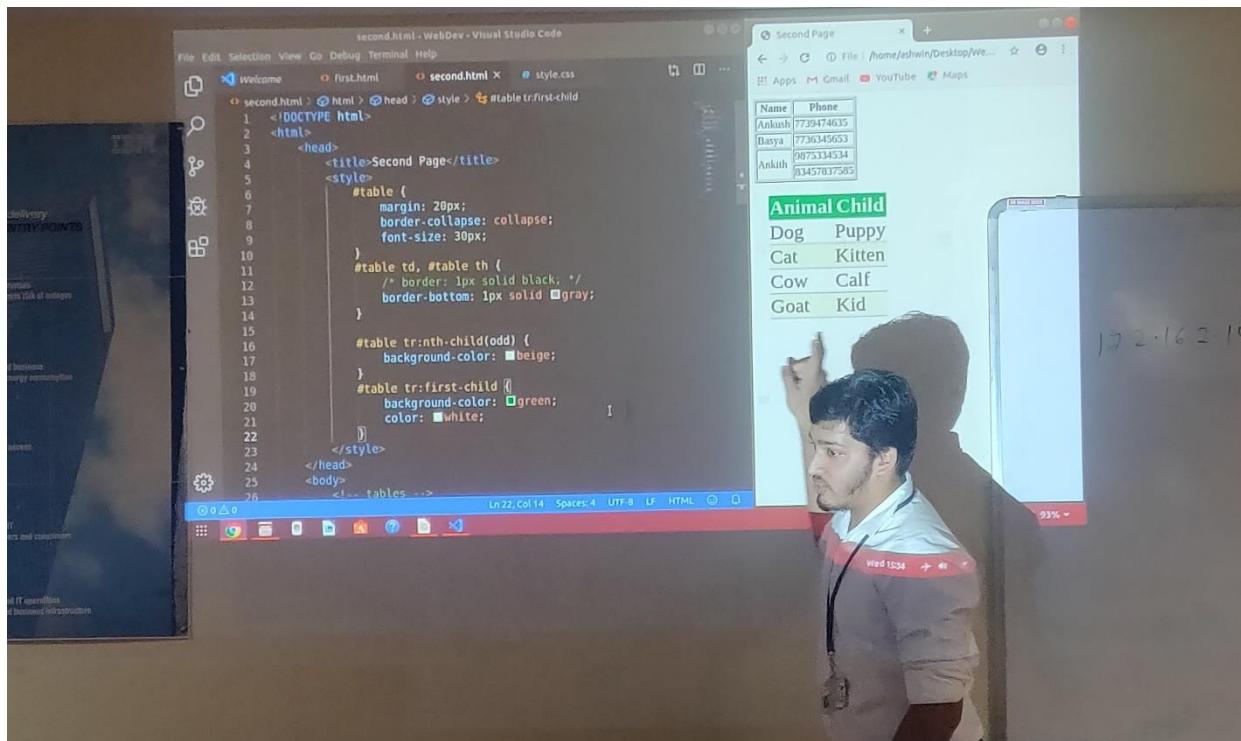
The participants really enjoyed the event. The CSI team did a great job and there was a good amount of cooperation.



Mr.Shrikrishna of 4th Semester IS and Mr.Rolan of 4th Semester Mechanical were declared the winners while Mr.Dhanush M S and Mr.Adithya Alewooraya of 6th Semester E&C bagged the second place.

WEB DEVELOPMENT WORKSHOP

DATE: 23-10-2019



Computer Society of India student branch conducted a web development workshop.

There were 16 students, from various branches. The students learned the hands-on experience of Web Development which included these topics:

- HTML Basics
- CSS

Mr. Ashwin, a student from CSE was the resource person for the event who was able to present the subject matter in a graceful and informative manner and was able to engage the audience for the entire duration of the workshop. Positive feedback from the participants indicated that they were able to grasp the topics with ease.

The students enjoyed the workshop and asked CSI to conduct more web development courses.



The student Organisers were Shravika D S, Skanda Bhat from V semester CSE and B Ananthakrishna Rao from III semester CSE.

Faculty coordinators were Mrs. Sharada Shenoy and Mrs. Shabari Shetty.

STRESS MANAGEMENT

DATE: 26-10-2019



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Computer Society Of India student branch had organized a stress management talk, by Dr. Nayanatara Arun Kumar, Associate Professor, Department of Physiology, KMC, Mangalore.

The guest speaker, Dr. Nayanatara Arun Kumar, gave an interactive session on stress management titled 'Dear Stress let's break up'. She began by explaining the reasons for a human being to be stressed. She went on to explain the types of stress and what are the physical, emotional and psychological changes that occur in the body.

Moreover, she also explained the different ways to handle stress.

She has been awarded with PhD in neurophysiology i.e. Role of select subcortical areas on rat brain in stress tolerance in KMC Mangalore.

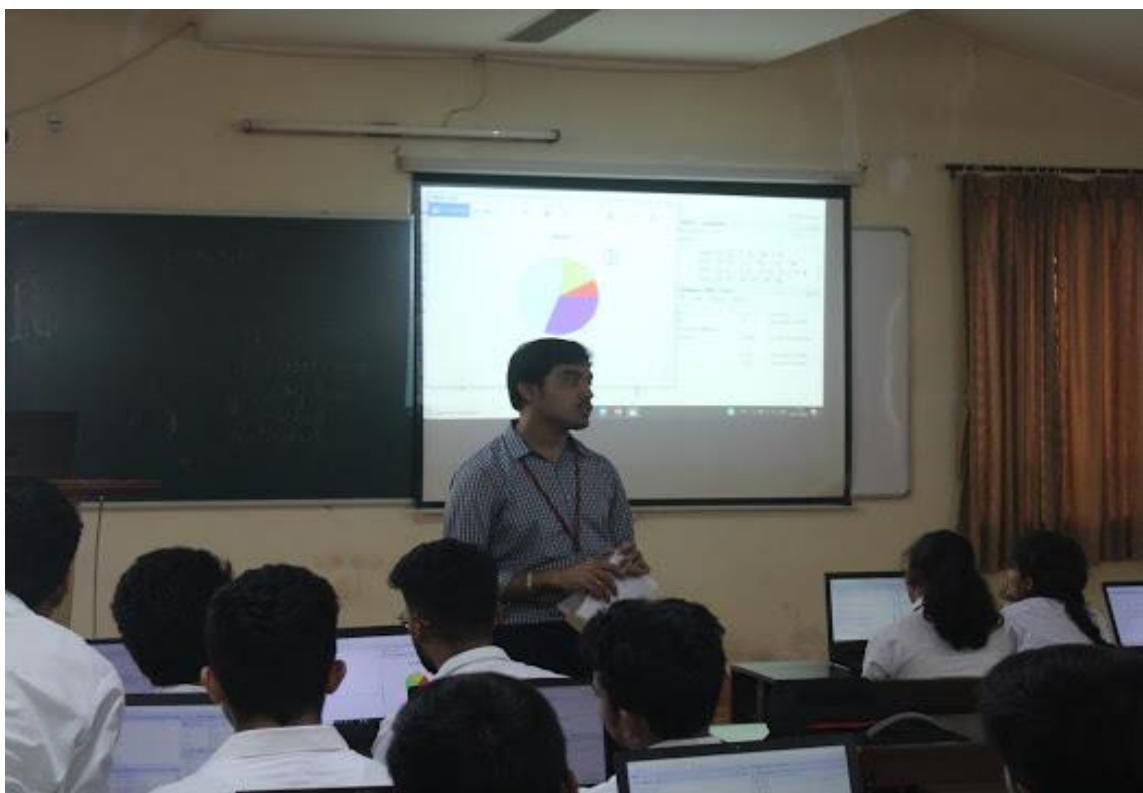


More than 100 research papers have been published by her on various topics.

Her research areas are Neurophysiology, plant extract studies, radiation, cognitive functions, food additives and contaminants.

R PROGRAMMING WORKSHOP

DATE: 08-01-2020



With the start of the year 2020, Computer Society of India student branch conducted a R programming workshop, that witnessed the participation of 27 students from various branches, where they learned the basics of R programming.

Mr. Sunil Kumar Aithal, Assistant Professor, Dept of CSE was the resource person. He started with what's R, it's origin, where is it used. Then started hands on implementation of the basic concepts like usage of various data types in R matrices, R data sets and many other related topics and concepts.

Event concluded with teaching how to plot graphs, pie charts in R. Also, in the end they were briefly given ideas about where and how they could use what was taught to them. It was a very educative session.

R is a programming language for statistical computing and data analysis.

For people who are interested in machine learning, knowledge of this language is helpful. It is used in almost every industry, ranging from IT, finance, banking and manufacturing.

R is also used at Facebook and Twitter for data analysis.



Student Organisers were Mr. Harshit and Mr. Suraj from V SEM CSE.

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

LIP-SYNC

DATE: 09-01-2020

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Computer Society of India student branch conducted the first no technical event of 2020 named Lip-Sync.

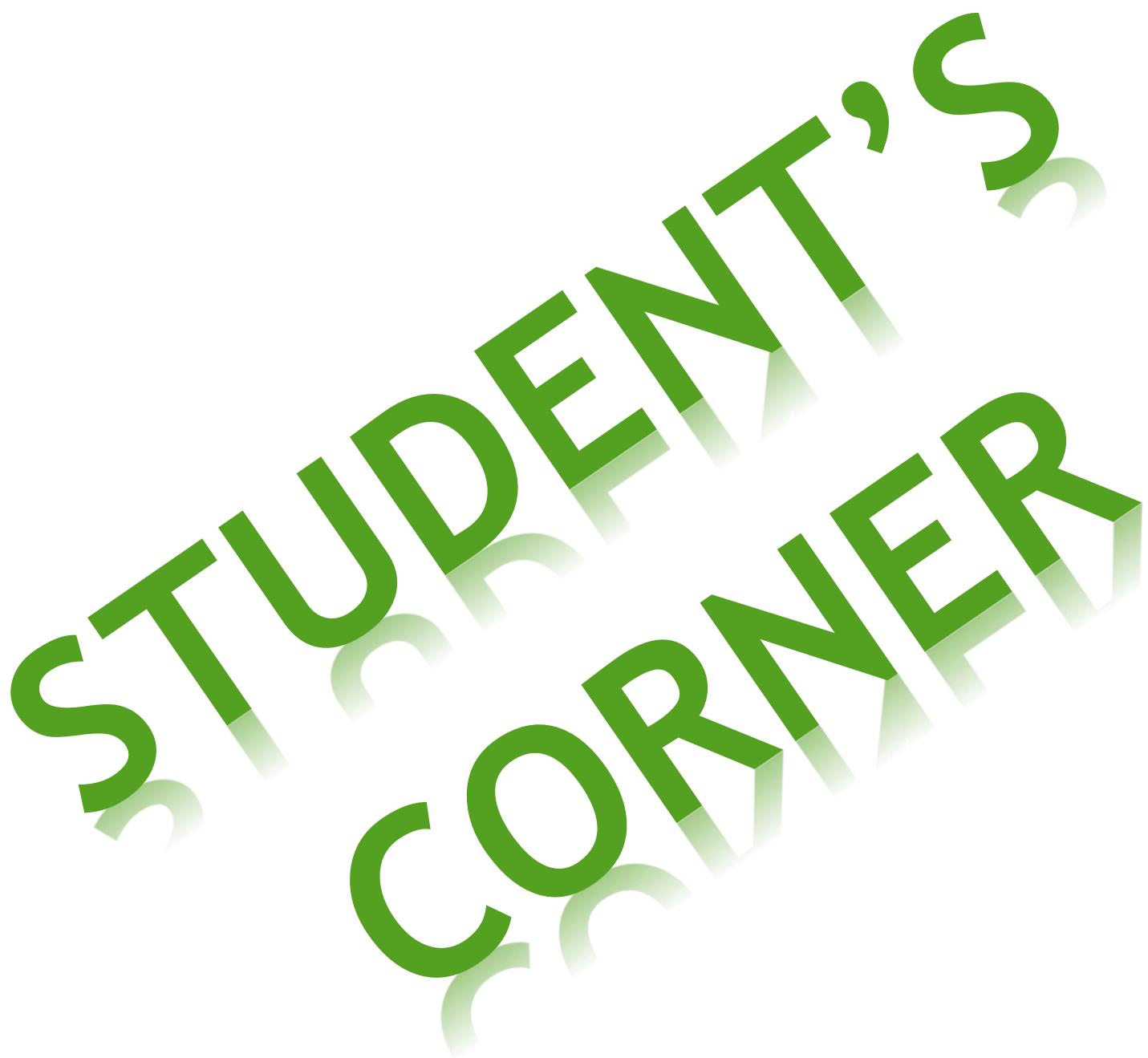
There were three rounds. In the first round, one of the participants is given a phrase and his/her partner wearing headphones had to guess the phrase. In second round participants were supposed to guess the words, the same way and teams had to guess as many words as possible from 4 words given to them in 1 min. The rules were simple and included they are only allowed to lip-sync and the teammate listening to music won't be able to hear anything. The third round consisted of Pictionary, one of the participants was given with a statement and partner had to guess what the phrase is by the other's drawings.

There were 22 teams with two members each. There were top five teams, which qualified for the third and the final round of the challenge. The winning team of this event was Ms. Sahasya (4NM18CS145) and MS. Bhoomika (4NM18CS038).



Student Organisers were Ms. Asha, Mr. Deon, Ms. Anisha and Ms. Mahima from V SEM CSE.

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



STUDENT'S CORNER



Shubhalaxmi
4NM17CS180

Dusk Till Dawn Today

The moon is lifting the stars in the sky
And I'm standing warm, lit and tall
I may be a lamp post made of metal
but in this poem, I'm alive after all.
Something is different and strange
in the past so many days.
I never thought I would live to see
the day karma starts its plays.

Through the life around me, I peruse
every animal in my sight.
The little stray dog curled up on the stone
is dreaming of a bread bite.
Sleeping numbs the hunger, he thought,
why fight for a slice of bread?
If no humans feed him soon enough,
under my warmth, he'll be dead.

Through the life around me, I peruse
all of the nature in my sight.
Rays don't have to penetrate the smog,
now that the air is light.
The trees are not being cut down
The animals are roaming free
Nature is returning to her form,
one in which she was meant to be.

Through the life around me, I peruse
every person in my sight.
I see people keeping distance
So, for breath, they don't fight.
Sanitizer is the scent of the wind
and trash is filled with masks, used.
Only health workers are outside
them and police, others are excused.
The roads have no vehicles.
No children climbing the wall.
The mall here is closed since months
and no friendly chatters at the food stall.

Throughout my life, I perused,
every event around me
But never before has it happened
that life is as still as I see
The sun is slowly peeping in the sky,
the colors have begun to blend.
Between dawn to dusk today,
I hope for their struggles, to end.

Shravya S Rao
4NM17CS171

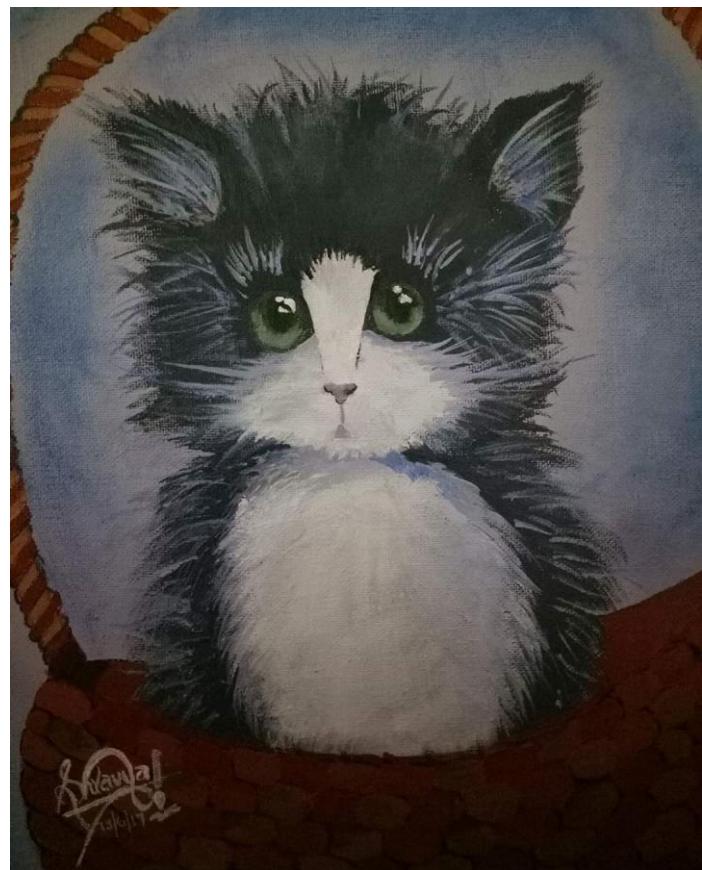


Sunidhi Hegde
4NM18CS195



Shubhalaxmi
4NM17CS180

Shravya S Rao
4NM17CS171



Vignesh Acharya
4NM17CS208



Gagandeep Bekal
4NM17CS062



Rashmi Murali
4NM19CS155

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