



BYTES



CSI STUDENT BRANCH MAGAZINE

2018-2019

VOL - IV
ISSUE - I

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 fulfill 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.

MAGAZINE COMMITTEE

CHIEF EDITOR

- Prof. Sharada U Shenoy**

EDITORS

- Kavya N**
- Navya**
- Jason Mark Sequeira**

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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

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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)

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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



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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 2018-19. 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



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 2018-19. With the community of 71 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 Chapter

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INAUGURATION

The Computer Society of India, NMAMIT Student Branch activities inauguration for the academic year 2018-19 was held on 19th september, 2018 in Shambhavi Seminar hall.

The inauguration started with an invocation song followed by welcome speech from the student branch counselor Mrs. Sharada U Shenoy and a floral welcome to the dignitaries.

The chief guest for the inauguration function was Dr. P R Subramanya, Chief Executive Officer, OptiPace Technologies Pvt Ltd, Alumnus of CSE, IIT Powai, PhD from IISC. The event was inaugurated by the chief guest by lighting the lamp. He shared his views on the importance of developing our ideas by not just making a good prototype but turning into a product which enables the development of Indian Technology. He addressed the gathering about Solar computer, its restrictions and motivated the students on the importance of thinking out of the box and challenging oneself for the better.



ID cards were then distributed to the newly selected office bearers of CSI student branch by the chief guest present and Principal, followed by the office bearers taking an oath of responsibility.

The CSI student branch newsletter - BYTES for the academic year 2017-18 was released by the chief guest. The plans for current year and report of the last academic year was presented by the CSI student branch chairman Mr. Jason Mark Sequeira. Our principal, Dr. Niranjan Chiplunkar motivated all the members to actively participate in the activities and keep up with the good work that CSI student branch was doing all these years. He congratulated CSI branch for getting two excellency awards last year and advised to maintain it. Dr. Uday Kumar Reddy, HOD department of CSE, advised students to take up good technical word under CSI and excel in their field. Certificates for the previous year office bearers were distributed. The talk witnessed the active participation of 70 students and 8 faculty members, totally 78 participants of NMAMIT from department of CSE, ISE and MCA. Dr. Surendra Shetty, HOD ISE, Prof. Sharada U Shenoy, Student Branch Counselor, faculty members and executive committee members were also present.

INQUIZITIVE



The Computer Society of India, NMAMIT Student Branch organized an event “INQUIZITIVE”, a quiz competition on 12th September, 2018

INQUIZITIVE was the first event conducted by Computer Society of India, NMAMIT Student branch. This event provided a great opportunity for the students with tons of knowledge. In this event, students from all the branches were invited to participate. Participants came in teams, with a maximum of 2 members. They were given a series questions with options in the form of MCQ's. One preliminary round was conducted. The event witnessed active participation of 34 teams from departments of CSE, IS and EC.

The winners of this event were Mr. Glenn Thomas Alex from 7th semester and Ms. Pooja Muruleedharan from 5th semester Computer Science Department. They were each awarded with certificates and cash prize.

The student organizers were Rahul S, Rohit J from 3rd semester CSE and Meenu Kumari, Anurag Prakash from 5th semester CSE. The faculty organizer was Mrs. Sharada Shenoy.

KAHANI MEIN TWIST



An event “Kahani Mein Twist” was organized under the aegis of the Computer Society of India, NMAMIT Student Branch on 15th September, 2018.

“Kahani Mein Twist” was a wonderful opportunity for all those day dreamers, tale spinners and potpourri concocters to showcase their talent. A snippet of 3 to 4 lines were provided to the participants and they were asked to continue the story with their original thoughts. The word limit was up to 500 words. The event witnessed active participation of 25 members from different branches of the colleges.

The winner of this event was Ms. Anusha Anil from 5th Semester, Computer Science and Engineering department. She was awarded with the certificate and cash prize. The student organizers were Chelsea Morais, Kritika Shetty and Sohail Abdul Azeez from 5th semester CSE. Faculty coordinators were Prof. Sharada U Shenoy and Dr. Uday Kumar K Shenoy.

MOTIVATIONAL TALK



The Computer Society of India, NMAMIT Student Branch was inaugurated on 19th September, 2018. The chief guest for the inauguration function was Dr. P R Subramanya, Chief Executive Officer, OptiPace Technologies Pvt Ltd, Alumnus of CSE, IIT Powai, PhD from IISC.

After the inauguration a motivational talk on “Learnings from the Optipace Journey” by the chief guest. He started with his journey in setting up his company Optipace Pvt Ltd. He made students realize the importance of developing our ideas, bringing a good prototype and then turning into a product. The difficulties, investment and the strategic plans to build and deploy the product to the market. He threw light on how to address the issues in society and find a solution which will cost minimal for common man by developing our own technology. He addressed the gathering about the solar computer, its restrictions and motivated the students on the importance of thinking out of the box and challenging oneself for the better. It witnessed the participation of 115 students and 20 faculty members.

STRAW-TEGY

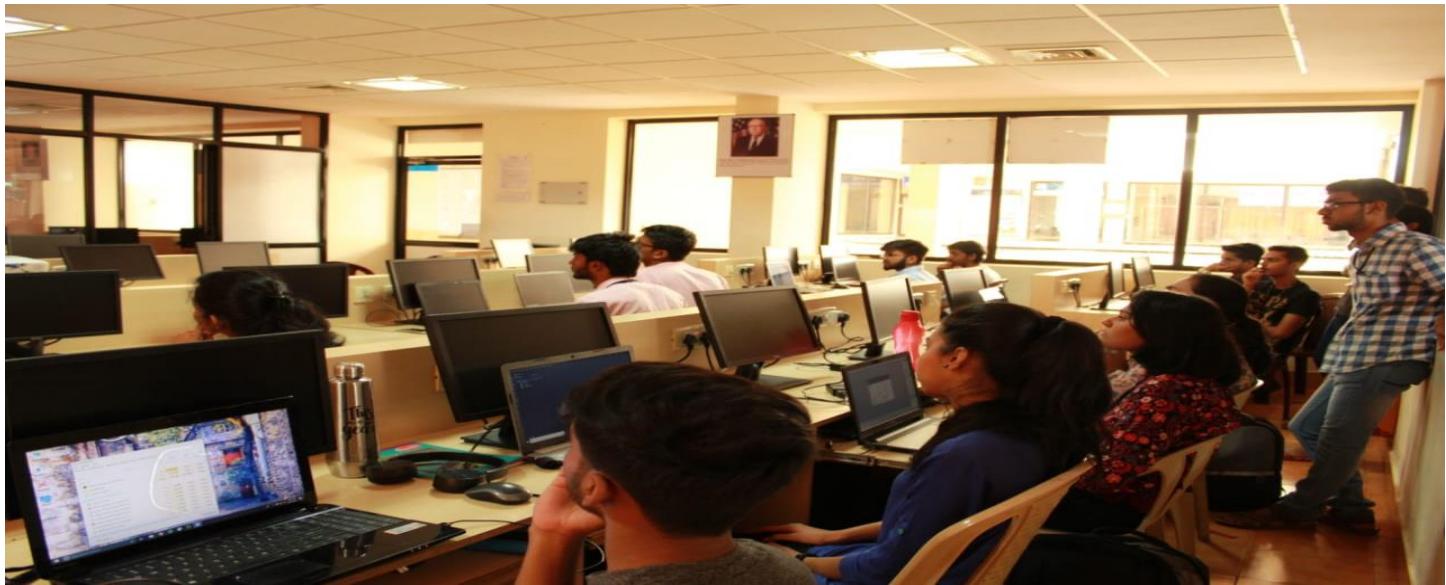


The Computer Society of India, NMAMIT Student branch organized an event “Straw-Tegy” on 27th September, 2018.

“Straw-Tegy”, is the event of building the model through the requirements from customer by words. There is a fundamental desire in every engineer to be able to say that you have built something – it may be a program, a machine or a piece of infrastructure. This event provided a great opportunity for the students to enhance their team work skill and improve their model making ability. Event was open for students of all the branches. Participants came in team of 2 to recreate the designs using straws. The rules of this game were, only one member was given with the straws while the other had to elaborate the design. The members were not allowed to see each other and the team which completed the model first were declared winners. The event witnessed the active participation of 44 members.

The winners of this event were Amrutha Umesh and Rahul S from 3rd semester CSE department. They were awarded with the certificates and cash prize. The student organizers were Jason Mark Sequeira, Pratheeeksha Pai, Nidhi S Pai and Sanjana Nambiar from 5th semester CSE dept.

WebDevp WORKSHOP



The computer society of India, NMAMIT student branch organized Web Development Workshop on 10th and 11th January, 2019.

Web Development is a very enticing field to work on. This workshop provided a great opportunity to the students to obtain knowledge on web development. The resource person of this workshop was Mr Hashif T P, CEO and founder of A S Designs Pvt LTD.

Workshop began with introduction of the resource person by the head of web designs of CSI committee Mr Rahul. Mr Hashif then shared his experience and began with the importance of web development. He then taught designing of website using Dreamweaver application and helped students to understand better. On second day, students were taught to work with bootstrap and how to use functionalities. Snacks were provided on both days.

The student organizer was Rahul from 3rd semester CSE department.

QWIZDOM

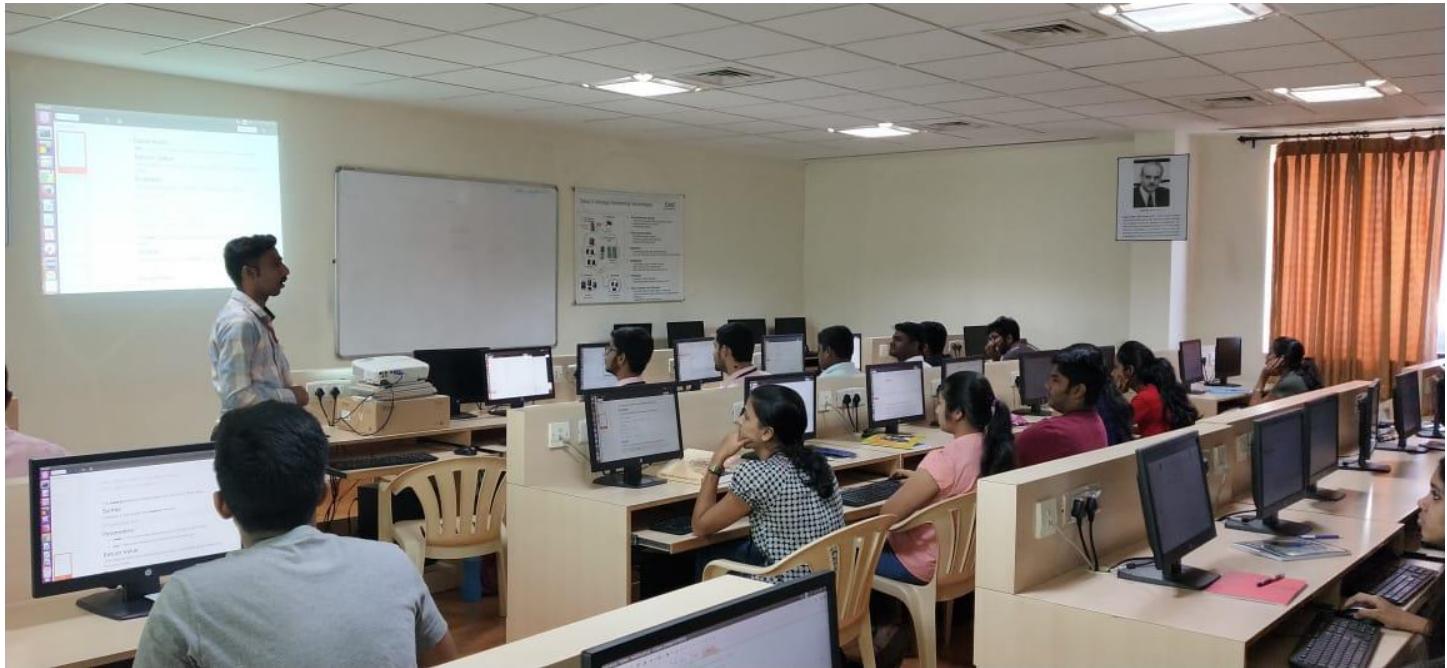


The Computer Society of India, NMAMIT student branch organized “QWIZDOM”: Logo quiz on 16th January, 2019.

QWIZDOM was organized under the aegis of the Computer Society of India, NMAMIT student branch to commemorate or in connection with the related event. The event witnessed the active participation of 17 teams from different departments of the college. In first round on a sheet of paper 30 logos were printed and distributed among the participants. The team had to write the names of the corresponding companies. According to the rule 25 out of 30 was the cut off for the second round. 10 teams were prepared for the second round. Second round was a crossword round in which each team had to crossword by looking at the corresponding logo. 6 teams were selected for the 3rd round where in the teams has to guess the name of the logo which will be displayed on the screen.

The winners of the quiz were Sameer Vats and Abhigyan Krishna. The student organizers were Anurag Kashyap, Meenu Kumari and Anvitha Baliga from 5th semester, Computer Science and Engineering.

PYTHON WORKSHOP



The Computer Society of India, NMAMIT Student branch organized “Python workshop” on 19th January, 2019.

Python is easy to use, powerful and versatile language, making it a great choice for beginners. This workshop aimed to impact knowledge in python starting from the basics to some of the advanced topics. The resource person for the workshop was Mr. Pawan Hegde and Mr. Ramesh Shettigar from CSE department.

This was one day workshop, which witnessed the participation of 25 members. In the morning session students were taught about the basics of python, data structures and the functions used in python. In the afternoon session the concepts regarding the object oriented programming and GUI were discussed. The students were provided with certificate of participation as a symbol of appreciation. The student organizers were Ullas B Gowda, Yashaswi TV and Joyline Ayshal Cutinha from 5th semester CSE separtment.

99GAMES WORKSHOP



The computer society of India, NMAMIT student branch organized 99Games workshop on 29th January, 2019.

This workshop was conducted by 99Games Pvt LTD. In the morning session of this workshop, students were given introduction to 99Games. Basics of java, how to use indentation while coding, rules to be followed while coding, how to create modules and functions and right way to name variables, different roles at 99Games like developer, designer and tester were also explained to them.

Afternoon session was fully practical in which students were shown to operate on unity for beginners, how to import built in unity packages. Simple step to build a simple game in unity were also explained to students. This helped students to get to know about the 2D and 3D graphics, basic component used in a unity software, different games created by 99Games and to create a simple game in unity.

The resource person for the workshop is Mr. Shanmukh Raj, technical director of 99Games, Mr. Madhur, senior game developer, Shraddha and Shruthi. This workshop witnessed the active participation of 26 members from CSE department and 50 members from ISE department.

MINUTE TO WIN IT



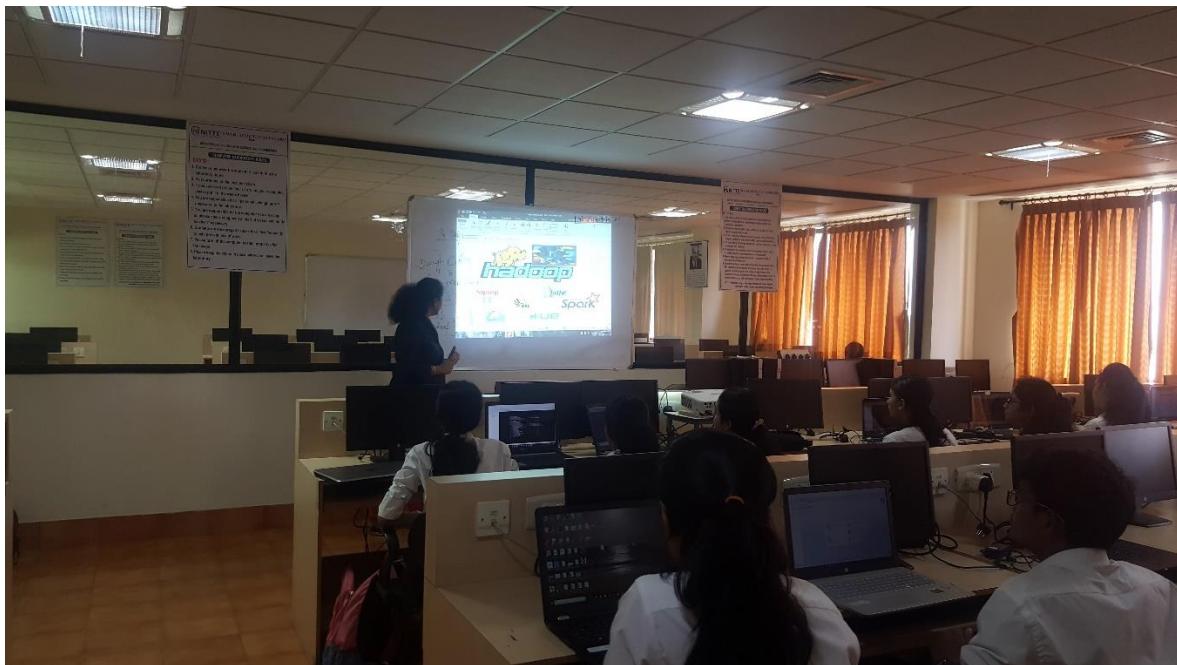
The computer society of India, NMAMIT student branch organized Minute To Win It competition on 20th February, 2019.

Minute to Win It was an exciting competition in which the participants had a lot of fun and it was a non-technical event which had 3 rounds in it. There were 18 teams initially for the first round, out of which 9 teams were selected for the second round.

Participants were given 1 minute time to complete the tasks in first and second round. After the completion of second round, 6 teams were qualified for the 3rd round. In the third round, there were 5 sub rounds to get the final winning team. Third round has no time bound, the teams which completed the task first were qualified for the next sub round. The registration fee for the competition was Rs.20.

First place backed by Samrudh Shetty and Prajesh Rao, Terril Joel and Saurabh won second place. Winners were awarded with certificates and cash prize. The student organizers were Kavya N, Deeksha and Navya from 5th semester and Rohith J from 3rd semester CSE department. The faculty coordinators were Shabari Shetty and Sharada U Shenoy.

BIGDATA WORKSHOP



The computer society of India, NMAMIT student branch organized Big data workshop on 27th March, 2019.

This workshop aimed to impart knowledge of bigdata to participants. The resource person for the workshop was Mrs. Divya Jennifer from CSE department. The students were taught about types of digital data, difference between B/W, BI and bigdata, databases that are required for bigdata, the components of hadoop. There was also hands on session on Pig and Hive.

This was an half day workshop from 2:30 PM to 4:30 PM which witnessed the active participation of 21 members. The registration fee was Rs. 80. Certificates were provided to all the participants. The student organizers were Jason, Sharon, Falon, Priya from 6th semester CSE department and Abhishek from 4th semester CSE department. Faculty co-ordinators for this workshop were Savitha Shetty and Arhath Jain.

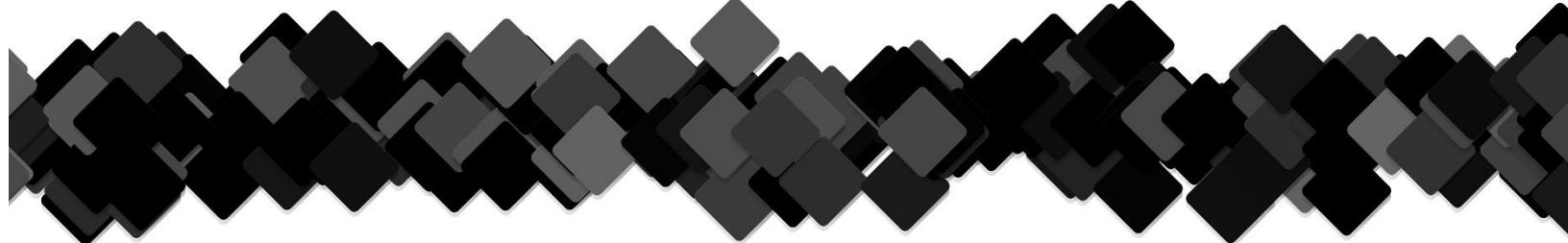
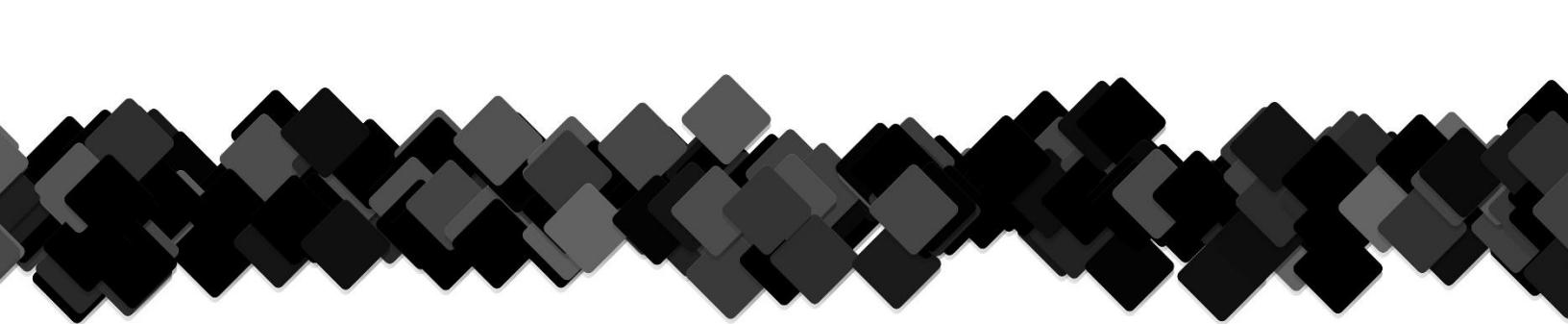
PICTIONARY



The computer society of India, NMAMIT student branch organized Pictionary event on 28th March, 2019.

Pictionary was a fun filled event in which the participants came in a team of two. This event gave the participants an opportunity to put forward their creativity and portray the words given to them in a pictorial fromat, which their partner had to guess then. There were 30 participants 15 teams initially for the first round they were given a list of words which they had to guess in one minute. Out of 15 teams 11 teams were qualified for the second round. In the second round two minute of time was provided, with the difficulty level increased. Five teams were then qualified for the third round and later two out of those were selected for the final round.

First place was backed by Akanksh and Adarsh Shetty, and runners up were Rushali and Raksha of 4th sem CSE department. Winners were awarded with certificates and cash prize. The student organizers were P Dhanya S Nayak and Pratheeeksha Pai from 6th semester, Amrutha Umesh and Anusha Malavalli from 4th semester CSE department. The faculty co-ordinators were Uday Kumar Shenoy and Rajashree.



STUDENT ACTIVITIES

THE STAGE OF TEEN AGE

I was going for an evening walk while thinking about my career. I am 22 years old and in next 1 month I would be of 23, so I need to look at my career which never was my priority. I never gave a thought what I would do with my life. What I had done till now is because my father wanted me to do so. I don't know what to do. I was very much depressed regarding this issue.

After reaching the park I sat on the bench nearest to me. Those children playing over there. It seems they have no tension. They are just enjoying themselves. I thought after watching a group of children playing cricket at some distance from my bench. How free they are. Can't I go to my childhood? I was so free from tensions. My mind was free from all types of non-sense. I remember I used to dream. I want to be something which now doesn't matter as I found new interests. Although I remember when I was a child I used to think, when will I grow up and become a man who can earn. And now same is the reason for my soreness.

Now, I have new interests, but no dream. When I got admission in college I never thought about a job. I only want to enjoy my life to fullest. I had done that for first 2 months but then I stopped everything because of a dream. When I saw that dream, I gave everything to achieve that. I wasn't able to do anything except that. I gave my whole time to it. It was not related to my career but was related to my life. That also died a year ago. Not because I let it, but because....Leave it for now. Now I have interests and I want to change them into passion. But I am confused which interest to choose to convert into passion. Why passion is so important to me? You all can think. My personal opinion is when you have passion for something you can do that thing more perfectly rather than a thing about which you have no idea. Although I can do a lot of jobs right now, but I want to search for my passion so that I can do my work with full of energy and passionately.

After 20 minutes of thinking I found myself nowhere. I was still confused regarding my career, regarding what to do in future. Suddenly I saw a man, in his late 50's, came near me and sat on the same bench. His appearance was much like Anupam Kher. It seems like he was interested in talking to me.

"Hi!" He said to me in a firm and friendly manner.

"Hi!" I replied.

"So what you want to do in your life?"

“Why?”

“Just asking for starting a conversation. Do you have any interests?”

What? Just for a conversation. How a conversation starting point can be so exact?
How can he ask me questions like this? I thought

“Yes! “

“So, you have no idea where you are going?”

Man he was reading my mind. How it can be possible. It was magical. How he knew
I am thinking about all this.

“Yes, something like this.”

“What are you doing currently?”

“I am doing Graduation.”

“Cool! From where?”

“From a reputed college. And why are you asking too many questions about me?
Who are you?” I asked in an arrogant manner. He had crossed his limits. I was
thinking about all these issues and this man, he came and started asking same
question. It’s really strange that how this man came to know about my problems of
which I was thinking a bit ago. But these questions are making me angry.

“An old man full of experience.” He said with a smile on his face.

I felt that this man was trying to help me and also felt guilty for my rude behaviour.
“Sorry, I was a little depressed.” I said in a sad voice.

“No problem child. I know what you are going through. So as I asked you, do you
have any interests?”

“Yes sir, I love teaching, writing, coding and many things. There are a lot of things I
love to do and this is the real reason why I am confused about my career.”

We both laughed.

“So what do you do?” Asked the old man to me.

“I am doing my B.Tech. In Computer Science from Delhi Technological University.”

“That college is so good. And you are saying that you are sad because of your career.”

“Yes, but why are you asking all these questions to me?” I asked, this time with a firm voice.

“Because I want to help you. I saw you and found you were very confused with your life. Basically, guys of your age are depressed only because of two reasons first because of girls and second which you got.”

“But how you can help me?”

“I don’t know but I can read your mind. Life is very simple boy. For now let me give you a suggestion, go with what you are getting. I know you are from a college from where you can get a job easily. And you told me you like coding. So go with it. Get yourself a job in that field. And if that is your area of interest may be you would never let it go.”

“What if I am made for teaching or for writing or any for any other thing?”

“So you believe in doing work that suits you. That’s good. You will come to know about that child. As I told you if you are not for this field, then you would come to know about it. Just believe in yourself. Give your 100% to every work. At-least for now. And if it is for you or it is not, you will come to know. At least try to find your true passion. Because you can find it only if you try.”

“OK, let me ask you a simple question. You are in a forest and suddenly you started to feel hungry. Now what will do?”

“Obviously, I will search for food.”

“Yes, correct. But for which food?”

“Means?”

“I mean would you go for tree which is visible to you and have a lots of juicy apples or you will go for finding a mango tree which you don’t even know exists in that forest.”

“Obviously I will go for the Apple Tree as it is visible to me.”

“Yes, that is what I am telling you. But now imagine that you climb up on that but found that every apple of that tree is not suitable for eating, they are rotten. Then what will you do?”

“Then I will search for a different tree.”

“Right! See same is you can do right now with your career. You are confused about what to do. But currently you have done B.Tech. So go for the jobs related to this field. In future, somehow, if you came to know that you can’t do this job like those apples which you can’t eat. Then leave this field and go for you another interest. You know why we do a job?”

“Yes, to earn a living.”

“And”

“And What?”

“Contribution to this world. You can pick any person on this planet doing a job. Somehow he is contributing to this world. Same is with you. You know in our life we all have to do a job unless you are not from a rich family. But what when you got a job in which you are interested, then it is like you get gold chain free after buying diamond ring (for your girlfriend of-course). As I always use to say, we have two options in life, either get a job/work which you love to do or start to love the job you do. In both cases you will be happy, at-least with your job.”

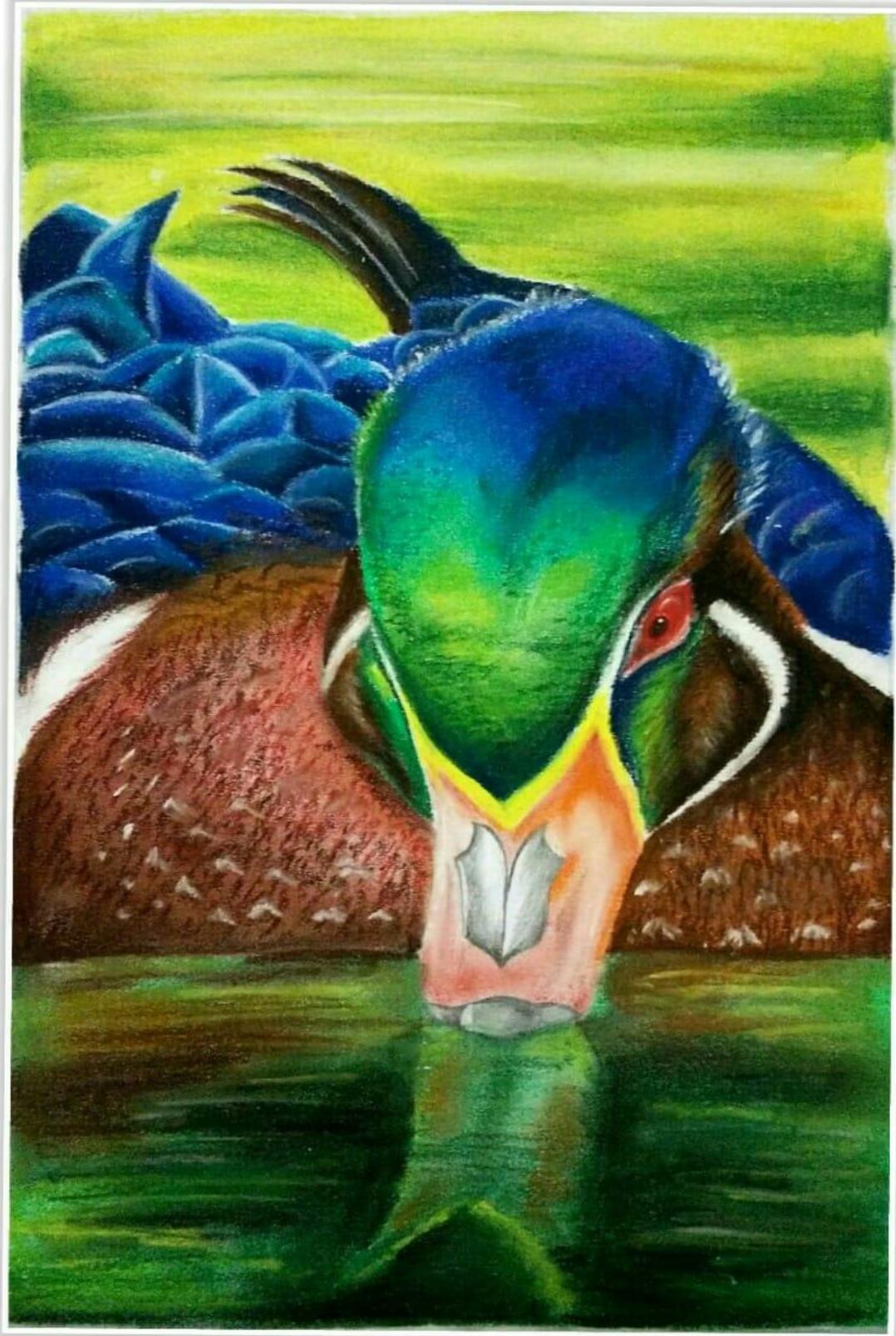
“Thanks Uncle. You really made me understand my things. Now I can do something better with my life. Thanks for removing my confusion.” I said to him in a cheerful manner.

“No problem kid. It’s just something I had experienced and is sharing with you. May be this would help you & you would help someone in future with this.” With saying all this he got up from bench and started to walk towards the exit of park. After walking 10 steps he stopped and looked back at me, “Give your 100%.” He said.

“Yes Sir, Thanks.” I said with a smile on my face. I don’t know who he was but he had solved my problem. He told me what to do with my career, which was lost due to some of my personal reasons. I had lost my biggest dream, but I can’t do anything about that. I should see a new dream, I should find my passion, may be this is what life is. We should keep moving on till we find our passion, our career. If one of your dream dies, whatever may be the reason, move on and find a new one.

- Kritika Shetty

(4NM16CS062)



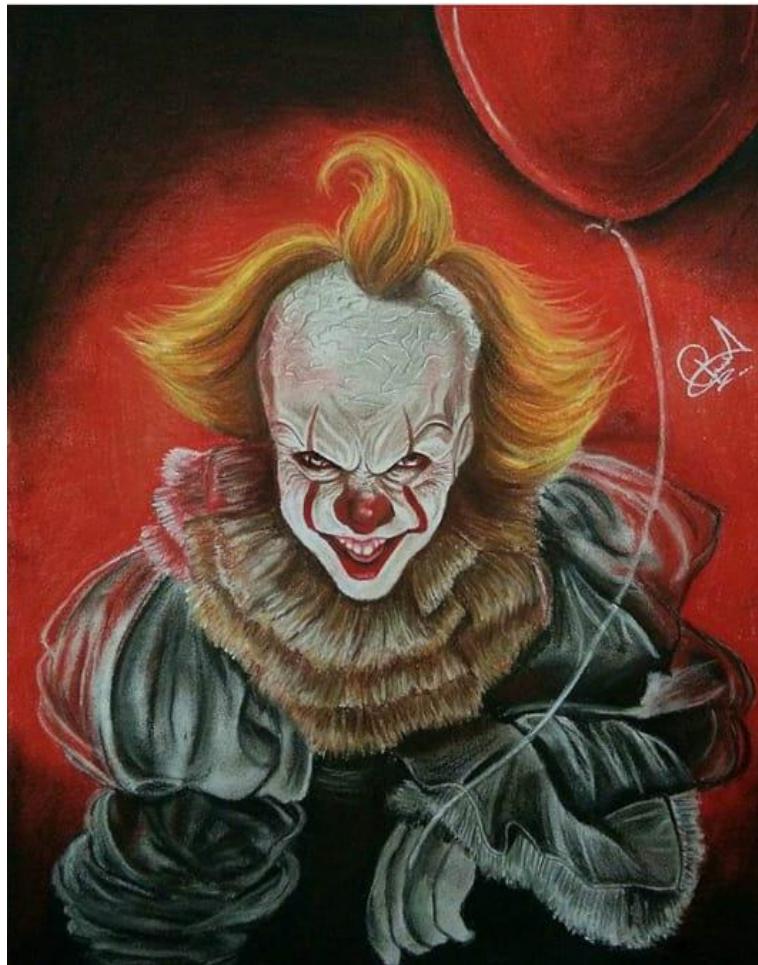
-Poorvika A (4NM16CS097)

FREE

I stood at the end of the ledge,
Staring straight into the devil's eye.
Shades of blue in my limited expanse of sight,
I held my breath and took the plunge
Free falling away like a trapeze artist at ease
My feet looped in only to the threads of gravity.
Whispering sweet nothings to the air,
I coo through the dive,
I feel a lot of something – a something unpinned.
It's like you're watching yourself jump in,
The astral projection kind.
A rush of euphoria attacking me.
I know this time, I'm not afraid.
No strings attached, I feel it cutting through.
A feeling of a prolonged sickness now gone,
I feel alive in a long time.
I hit the waters and numbness takes over me,
As I let myself in deep.
I do not struggle, I do not thrash around,
I choose to go with the flow.
I hit rock bottom and then I spring up,
I resurface the waters,
I float around in the big blue sea
And I'm now washed away to the shores.
A refreshing feeling like chugging sips of coffee
On an early morning runs through me,
A spark of joy akin to wandering through

The passage of words in poem is what I feel,
I let my feet sink in the sand and then I trudge ahead,
My footsteps feeling like a part of Marauder's map,
I aimlessly walk through.
I take a deep breath and let it out whole,
Its in the blues I find my peace,
For it's quite the first in a while,
That I finally feel free.

-Nidhi Pai (4NM16CS205)



-Poorvika A (4NM16CS097)



-Akshay Ajeesh(4NM16CS190)

INQUIZITIVE

A pointless quest,
An unplanned routine,
A static rhythm unshaken.

A journey lived,
To earn and run,
In the rat race for mere status.

A greed for comfort,
Sauteed with jealousy,
A result of comparision.

A spectacle lived,
With time running out,
“ What is life? ”, I now ask you.

-Nidhi Pai (4NM16CS205)



-Poorvika A (4NM16CS097)

LITTLE THINGS

Every Sunday morning I take a light jog around a park near my home. There's a lake located in one corner of the park. Each time I jog by this lake, I see the same elderly woman sitting at the water's edge with a small metal cage sitting beside her.

This past Sunday my curiosity got the best of me, so I stopped jogging and walked over to her. As I got closer, I realized that the metal cage was in fact a small trap. There were three turtles, unharmed, slowly walking around the base of the trap. She had a fourth turtle in her lap that she was carefully scrubbing with a spongy brush.

"Hello," I said. "I see you here every Sunday morning. If you don't mind my nosiness, I'd love to know what you're doing with these turtles."

She smiled. "I'm cleaning off their shells," she replied. "Anything on a turtle's shell, like algae or scum, reduces the turtle's ability to absorb heat and impedes its ability to swim. It can also corrode and weaken the shell over time."

"Wow! That's really nice of you!" I exclaimed.

She went on: "I spend a couple of hours each Sunday morning, relaxing by this lake and helping these little guys out. It's my own strange way of making a difference."

"But don't most freshwater turtles live their whole lives with algae and scum hanging from their shells?" I asked.

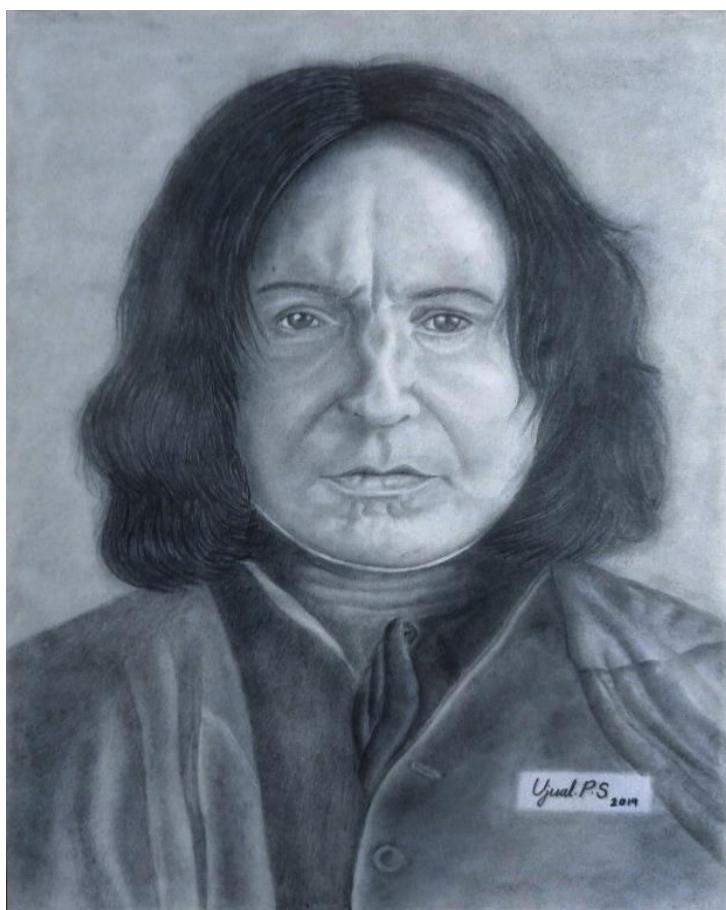
"Yep, sadly, they do," she replied.

I scratched my head. "Well then, don't you think your time could be better spent? I mean, I think your efforts are kind and all, but there are fresh water turtles living in lakes all around the world. And 99% of these turtles don't have kind people like you to help them clean off their shells. So, no offense... but how exactly are your localized efforts here truly making a difference?"

The woman giggled aloud. She then looked down at the turtle in her lap, scrubbed off the last piece of algae from its shell, and said, "Sweetie, if this little guy could talk, he'd tell you I just made all the difference in the world."

- Kritika Shetty

(4NM16CS062)



-Ujwal PS (4NM16CS166)

Computer Programming Languages

L	L	J	K	C	A	B	L	F	C	I
O	R	O	L	O	B	O	C	O	I	M
G	E	L	A	C	S	A	P	R	S	X
L	P	S	T	A	H	W	V	T	A	V
A	N	R	L	X	L	X	Q	R	B	I
I	H	P	L	E	D	O	X	A	H	S
K	J	Y	A	P	H	P	Y	N	O	U
F	A	B	M	A	D	A	N	Z	J	A
E	V	I	S	N	O	H	T	Y	P	L
A	A	Y	L	B	M	E	S	S	A	C
W	E	I	V	B	A	L	O	G	O	L

ADA ASSEMBLY FORTRAN PASCAL SMALLTALK PHP
ALGOL BASIC LOG JAVA PYTHON VISUAL C COBOL PERL

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(A National Publication dedicated to IT education, research and student community)

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India has the potential to provide the best education services with strong relationships among education, research and industry sectors.

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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 instill 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.



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