



NSS TIMES

THANGAL KUNJU MUSALIAR
COLLEGE OF ENGINEERING



DISHA

SAHAYA

SAHRIDAYA

SILENT SPRING

JVAALA '16

NEST



NSS Unit of Thangal Kunju Musaliar College of Engineering has a long standing history of community service and technical assistance. As a reward of dedication, NSS TKMCE has won best unit awards in the state as well as national level. Inspired from former students of TKMCE- the pioneers of engineering and technology in Kerala , the current students have been trying to give something back to the society and we believe it's our responsibility.

NSS has always stood up to its strong spirit of serving people keeping in mind the policy of "Not Me But You". The belief that we must live for others, is being realized through the selfless service of the NSS volunteers who gets into timely action for the betterment of the needy people of their respective localities. NSS units of the Technical Cell has always given the volunteers, a platform to serve the society and bring happiness and smile on many faces, which has sown the seeds of social commitment in many students who are otherwise kept aloof from the real challenges and torments faced by the masses in the society as a whole. NSS by its range of community service initiatives had triggered a change in the personality and attitude of the volunteers. So it is not simply an association; it's a platform to achieve the overall abilities of every individual enrolled in the scheme.



Dr. S. Ayoob, Principal, TKMCE

It is a matter of great satisfaction to know that NSS TKMCE is coming out with a new venture, "NSS Times". As a person who have regularly witnessed the activities of NSS, I am very proud about our NSS volunteers, the ideas and activities they come up with. From environment to service to technical areas, from celebrations to workshops to day celebrations, from on-campus to off-campus activities, from programmes for students to society, there isn't an area our NSS units haven't touched. And now, with this new venture also, I'm sure they will give out the best. I wish NSS times all success and I keenly look forward for more initiatives from NSS TKMCE that inspire and make our students turn out to be socially responsible.

Advisory Committee of the two units in our college (Unit 174 & Unit 547)

	174	547
Chairman	Dr. Ayoob S (Principal, TKMCE)	Dr. Ayoob S (Principal, TKMCE)
Member Secretary	Prof. Sharos H (PO-NSS Unit 174; Assistant Professor, Dept. of Mechanical Engg) Contact 88911 80272	Prof. Shan S (PO-NSS Unit 547; Assistant Professor, Dept. of Chemical Engg) Contact 98955 55590
Member	Dr. B Saraswathy (Professor, Dept. of Civil Engg)	Lakshmi Shaji Assistant Program officer (B.Arch)
Member	Dr. Dili A S (Associate Professor, Dept. of Arch.)	Dr. Udayakumar J (Ex. PO, Professor, Dept. of Civil Engg.)
Member	Hudha abdul salam Assistant program officer (B.Arch)	Prof. P. Shajahan (Ex. PO, Dept. of Mechanical Engg.)
Member	Mr. Shajahan Trading Inspector (Dept. of Electrical Engg.)	Mr. Riyas M (Dept. of Mechanical Engg.)
Member	Mr. Niyas (Member Kottankara Grama Panchayath)	Mr. Udayakumar P, (Member, Kottankara Grama Panchayat)
Member	Smt. Saseendra Rettan (Asa Worker, Sreeragam Chandanathoppe, Kollam)	Smt. Bindhu K (ASA Worker, Kottankara Grama Panchayath)
Member	Mr. Srihari K K (Volunteer Secretary 1 Unit 174) Contact 94971 48528	Mr. Rahul S Anand (Volunteer Secretary 1 - Unit 547) Contact 086302266
Member	Ms. Soumya Madanan (Volunteer Secretary 2 Unit 174) Contact 94977 31409	Miss. Anjitha K.N (Volunteer Secretary 2 - Unit 547) Contact 90617 21429



Prof. S. Sharos, NSS Programme officer, unit no. 174

NSS is a silent revolution taking place among the students with a motto of "NOT ME BUT YOU" .It underlines that the welfare of an individual is ultimately dependent on the welfare of the society as a whole. The platform of NSS at TKMCE provides the students the opportunity to organise themselves and work with community for the social consciousness and also utilise the classroom learning to solve the issues of the society at their capacity.

NSS Times is a new initiative to consolidate multilevel activities of the NSS unit of TKMCE. I earnestly hope that the volunteers will make the best use of this opportunity to showcase their activities in the newsletter and the readers will be inspired. At the outset, I would like to acknowledge the work of editorial board for their earnest efforts to bringout this first newsletter in this form .I am sure that the volunteers will work towards bringing up the name of our institution through the NSS activities.



Prof. Shan S, NSS Programme officer, Unit no. 547

"Charity begins at home", NSS TKMCE always bore these words in heart and the family has been working for a better society since its inception. I extend all support to this new venture of students, as the program officer Iam very proud to say that our students have initiated many activates that can be replicated in other institutions. I hope this publication will serve the purpose.

VISHARAHITHA VISHU



"Cultivators of the earth are the most valuable citizens. They are the most vigorous, the most independent, the most virtuous, and they are tied to their country and wedded to its liberty and interests by the most lasting bands."

~Thomas Jefferson

As part of the mission "**Visha Rahith Vishu**" NSS TKMCE Started organic farming on 22nd October 2016 at College Hostel.

SHADO3

ShadO3, A two week special programme conducted by NSS Units 174 & 547 of TKMCE and supported by Kerala State Council for Science Technology and Environment as a part of international day for the preservation of the ozone layer from 17th September to 29th September 2016

Miss Veena Suthan (*Vice Chairman, College Union*) delivered a talk on the importance and relevance of ozone day and also the preventive measures to be taken against ozone depletion to the students of TKMCE on 17th September 2016. It was an interactive and informative session. The students were asked to discuss among themselves the cause of ozone layer depletion and its preventive measures. They came up with a list containing most number of activities and items that are used in everyday household that causes ozone depletion.



Also a poster design competition was arranged as a part of it. The students prepared posters and exhibited. The winners are requested to come in front of audience with their respective posters.



Initiatives including;

■ DOCUMENTARY SHOW AT BALABHAVAN

NSS volunteers of TKMCE arranged a documentary show at balabhavan on 18th September 2016. Several videos related to ozone, its reasons for its depletion were shown to inmates of balabhavan. By hearing their feedback after the show we can understand that it was beneficial to them. once again we proved to be a perfect epicome for the society.

■ DISTRIBUTION OF PAMPHLETS



■ MIME



Theme : "Technology in harmony with nature"

A mime show was staged at Kollam beach on 23rd of September 2016. A big crowd was gathered there and the message was conveyed to them effectively.

■ ONLINE POSTER DESIGN COMPETITION

Online poster design competition was conducted as part of "shado3" by NSSTKMCE. Posters depicting ozone preservation messages where made students from all over Kollam. Students expressed their talents and their urge to stop ozone depletion through their creative posters.



Shanif Ahammed of Mechanical Production bagged the first prize.

■ ROCK PAINTING AT THANKASSERY

To take the ozone week celebrations outside college campus, the NSS volunteers of TKMCE went to Thankassery, a famous tourist place near Kollam beach. The fine evening of 25th September 2016 gave the volunteers a big task to work on. We painted the rocks on the footpath leading into the sea. It took more than three hours of hardwork from volunteers. The painting was one which conveys the message of importance of the ozone layer. Their effort in showing the message was appreciated by the visitors who had come to enjoy the beauty of the spot.



■ AWARENESS CLASS ON OZONE DEPLETION

As a part of ShadO3 an awareness class on “ozone depletion” was conducted in the college on 26th September 2016. “It’s not the length of the classes on ozone depletion you have heard, but it’s what initiative you have taken to control ozone depletion.” Prof. Udayakumar said to the students of TKMCE who were completely engaged in his talk on “ozone depletion”, held as a part of ShadO3.



■ IDEA PITCHING

NSS TKMCE collaborated with IEDC TKMCE conducted an Idea Pitching Competition themed to “Designing a solution for Environmental Problems” as part of “ShadO3” on 27th September 2016. Students came up with many new innovative ideas and it was a very tough job for the judges Abraham jose and Sabin sabu (IEDC representatives) to decide the winners. Ten teams participated and brought out innovative ideas out of which Akhil P bagged the First position followed by Rohan Prakash, Vignesh R Babu and Sreelakshmi Suresh who became runners up.



■ FLASHMOB

As always, NSS TKMCE ended ShadO3 with a blast of energy. As the energetic volunteers danced their heart out in RP MALL, on 29th September 2016 no one could leave without giving a glance. The volunteers spread the ozone day message , through the flashmob by holding placards and by distributing brochures and NSS TKMCE proudly announced its commitment towards planet yet again.



MANAVEEYAM

As part of the Manaveeyam programme conducted by NSS TKMCE, a range of programmes advocating environmental and social harmony were carried out on different days. Every programme gained huge support from within as well as from outside.

■ INTERACTION WITH TRANSGENDER

The first programme that was carried out as part of the Manaveeyam programme was an interaction with trans-genders. The interaction took place on Sunday, 25th September 2016, at Mahila Mandir. The programme enabled the students to get to know the life of trans-genders, how they got to understand themselves, how they dealt with their families and the society, and how they made a life of their own. Their experiences were all inspiring and gave the students an insight into the vast multitude of problems they face. The time the volunteers and the inmates of Mahila Mandir spent with them was two hours that would always stay in the minds of each and every person who attended it, without any doubt.



and music of Naadan Paatu songs remind everyone of the relationship man had with soil and the harmony with which he lived with plants and animals. Volunteers of NSS TKMCE, in association with TKM Music Club organised a fully fledged programme that attracted every person who passed by. As the volunteers sung from the bottom of their hearts, the crowd cheered, unable to resist the beautiful rhythm and lyrics.



■ E -WASTE AWARENESS

The interaction with trans-genders was continued by an e-waste pamphlet distribution programme. The volunteers visited different homes around the campus on the evening of Monday, 26th September 2016 and distributed pamphlets containing guidelines on disposing e-waste and the harms of disposing e -waste carelessly. The pamphlets were very informative and carried practical ways to deal with e waste. As the volunteers worked with enthusiasm, anti-waste messages reached every home and the residents promised to take steps on reducing e-waste.



■ BALAVAKSHAM - AWARENESS CLASS

As part of the Manaveeyam programme, an awareness class was conducted for the children of Balabhavan, Chinnakada. The class was aimed at making the children aware of Child Rights. The students were made aware of their rights and how they can make sure that they are being granted these rights. They were also taught about the remedial measures they can go for, in case they find out that their rights are being violated. The awareness class touched all areas of Child rights. The programme received much positive feedback.



■ NAADAN PAATU

The Naadan Paatu organised by NSS TKMCE on Wednesday, 27th September 2016 was a big success. The programme was conducted at Saradhi Junction, in the adopted village Mekon. The programme received immense support from the public as well as from the students. The programme was a reminder of how man has changed into a livelihood that harms the environment. The lyrics

■ AROGYASAMRAKSHANAM - AWARENESS CLASS

An awareness class regarding health and hygiene was organised by NSS TKMCE at Balikamandiram, Chinnakada. The class, organised as part of the Manaveeyam programme, was aimed at making girls students aware of the need to maintain hygiene. The children received guidelines regarding body hygiene as well as keeping their surroundings clean. The class included medical remedies and tips for maintaining hygiene advocated by every branch of medicine. The awareness class was highly informative for the students.

NSS Energy Conservation through Students and Technocrats, or **NEST**, was a three day District Level Young Energy Auditors' Workshop.

It was NSS TKMCE's proud step forward in creating schooled energy auditors. Around 300 participants from various engineering colleges and polytechnic colleges participated in the program. NEST, conducted on 22nd, 23rd and 24th April 2016 at TKMCE was the first of its kind in Kollam, which included awareness classes, discussions, interactive sessions, workshops, case studies, live auditing events and above all, mentoring & networking.



Adv. V. Rajendrababu, Kollam Mayor inaugurating NEST



Prof. V. K. Damodaran, Director General of INGCORE addressing the gathering

Adv. V. Rajendrababu, Kollam Mayor released "ENERGIZ", a handbook containing a collection of energy conservation tips compiled by NSS TKMCE, by presenting a copy to Prof. V. K. Damodaran during the inaugural ceremony.

It was an honour for NSS TKMCE to have Mr. Abdul Jabbar, the State Coordinator of NSS Technical Cell during NEST.



Students interacting with Mr. Abdul Jabbar and Mr. Nizam Muhammed during NEST

He shared his knowledge and experiences with the delegates and volunteers that truly inspired each and every one who listened to him to become better NSS volunteers.



NEST was one event that proved that nothing can make the volunteers stop from achieving their tasks, when they start working with one heart.

NEST

SILENT SPRING

Silent Spring, the World Environment Day celebrations 2016, sponsored by the Kerala State Council for Science, technology and Environment started with the Green Selfie Challenge. The NSS family asked the world to tell the tale of their trees by taking a selfie with their new friend trees and sharing it with us.

"Your college is not your second home; it's your first home. So start environment conservation from your college." - Principal Dr. S.Ayooob reminded the volunteers during the inaugural ceremony of Silent Spring.



My Tree Challenge was inaugurated by Mr. Pradeep, Chief Editor of Prabhatharesmi by planting a sapling in the college in presence of the volunteers.

The fine afternoon of 4th June 2016 gave the volunteers a big task to work on. It took more than four hours of hard work from the volunteers to renovate the garden in front of the Kilikollur Railway Station. NSS TKMCE organized a cycle rally as part of World Environment Day celebrations.



Prof. Sudhir delivered a talk on "Social, Economic and Environmental Sustainability".



FLASH MOB

As always, NSS TKMCE ended Silent Spring with a blast of energy as the energetic volunteers danced their heart out in RP Mall, Kollam.



The volunteers spread green messages, through the flash mob, by holding placards and distributing brochures and NSS TKMCE proudly announced its commitment towards the planet, yet again.



SAHRIDAYA

'Sahridaya' is the blood donation camp conducted by NSSTKMCE.





Receiving IMA award for successfully conducting programs to encourage blood donations and thereby trailblazing several camps which included one "MEGA BLOOD DONATION CAMP" with a participation of about 420 volunteers.



Interactive session, handled by Prof. Udayakumar, Department of Civil Engineering. It was truly worth for each and every person who heard him.

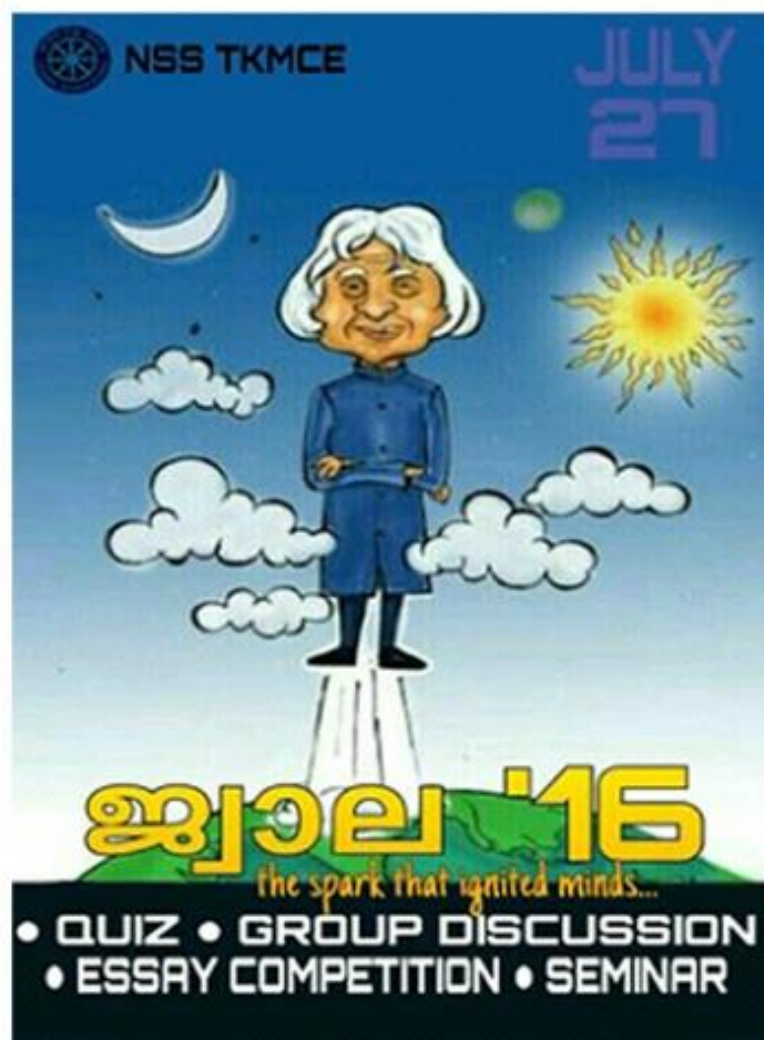


The concepts of "Sustainability and Social Audit" couldn't have made it to the minds of students more effectively.

JWAALA 2016

"Let's do what India needs from us!"
-Dr. A.P.J. Abdul Kalam

Jwaala '16 was a tribute to the man who left behind him a legacy of self-confidence and determination, Dr. A. P. J. Abdul Kalam.



NSS TKMCE remembered India's most respected and beloved president, scientist and statesman, along with students from schools all around the district on 27th July 2016. Jwaala'16 started with the Interschool Quiz Competition.



18 teams from different schools in Kollam engaged themselves in a tenacious competition that tested their knowledge in social science, India's contributions to science and most importantly, the life and achievements of Dr. APJ Abdul Kalam.

SUPPORTING EDUCATION

Engineers are those people who change the world. And the social responsibility of an engineer is not only about innovating and reducing human effort, but it's also about getting technical knowledge across to common people, especially children.

E-Learning is such a programme conducted for the students of Balabhavan and Balikamandiram. Volunteers have been taking classes on online services, basic computer tools and their use for the children.



Volunteers spend their weekends for teaching students from such homes, sharing whatever knowledge they have.



Electrical works at Balabhavan and Bhalikabhavan.

PALLIATIVE CARE VISIT

More than medicines, a tight hug or a wide smile can give a big hope to the patients. NSS volunteers go for Palliative Care visits weekly, providing the necessary medicines for the patients and gifting them with some cherishable moments.

DISTRICT HOSPITAL PALLIATIVE CARE UNIT RENNOVATION

Accepting the call from the district hospital authorities, NSS TKMCE did its part in renovating the hospital, by cleaning, painting and designing the hospital Palliative Care Unit and its premises.



As the volunteers worked with all their heart, the district hospital was presented with a new face. In addition to the painting and designing works, volunteers also worked on the beds, wheelchairs and instruments, repairing them with the engineering skills they've acquired.

LOW COST HOUSE CONSTRUCTION

A "Light weight cool home technology campaign" was arranged at SCUDP School, Mekkone, Kollam. Dr. Dilis, Department of Architecture, TKMCE led the session. Ward member Mr. Niyas and ex-member Mrs. Saraswathy were present.



AZAADI 70 INDEPENDENCE DAY CELEBRATIONS 2016

The Independence Day celebrations of NSS TKMCE got underway on the grounds of TKMCE with the Flag hoisting by Principal, Dr. S. Ayoob.



As the background became filled with the patriotic tunes and lyrics, the tricolour soared high in all its beauty and might in front of the college, and also in every mind.

The flag hoisting was followed by the volunteers repeating the Swachh Bharath Pledge after Prof. Shan. S, Programme Officer, NSS unit no. 547.



The rest of Azaadi 70 was with the children of Aasraya. Volunteers led the children to the stories of the Indian struggle for Independence and also to the life of the freedom fighters and nationalists, who dedicated their lives to the moulding of this great Republic and gave their lives for the Nation's freedom.



ANTI - DOWRY CAMPAIGN

Anti-dowry campaign was conducted in association with the Department of Social Justice. Regional dowry prohibition officer Mr.P.Rajan and Mr.Michael handled the sessions. A documentary against dowry was also played.



HIROSHIMA DAY

Through the one thousand origami cranes she folded before her death, Sadako Sasaki, is to this day a symbol of the innocent victims of nuclear warfare. And on Hiroshima Day, 6th August 2016, NSS TKMCE did a small part in advocating peace

throughout the world, by joining together to make a dove sand sculpture at the beautiful Kollam Beach. The sand dove remained in the beach for the spectators, as a symbol of everlasting peace and harmony.



The volunteers also dedicated their time in cleaning the beach, reaffirming their good stewardship to the planet.

FREE MEDICAL CAMP



Free Medical Detection Camp was organized on 19th March 2016 at Ramankulangara by NSS,TKMCE in collaboration with Sahaya Medicals, Ramankulangara,Kollam.

DISHA

'Disha', the seven-day event every volunteer looks forward to, was conducted from 20th to 26th December 2015 at Government L.P.S Meenakshivilasam, Peroor, Kollam.

The activities were;



Construction of vegetable garden in the Peroor school premises.



*Cleaning School premises and constructing waste pit.
Painting School Building.*



*Repairing the furniture in the MVGHSS,
Peroor, Kollam.*



*Volunteers received classes in topics including
AIDS Awareness.*

PUNARJANI

'Punarjani', NSS TKMCE's big endeavour to renovate Victoria Hospital, Kollam, was an event conducted as part of the 7 day camp.



The programme extended for 5 days during which the volunteers painted, repaired and welded hospital equipments like stretchers, wheel chairs and beds.



SAHAYA

'Sahaya' is the flagship name for a series of charitable initiatives under NSS TKMCE. The present objectives of Sahaya include providing medical assistance, technical empowerment and financial support to the needy.



Principal Dr. S Ayoob inaugurating 'Sahaya'.



ACHIEVEMENTS



Ms. Deepika Krishna (EEE)

Secured 0 grade in all subjects in the 2nd semester (10/10)



Prof. Sharos H, Programme Officer of NSS TKMCE Unit. 174 is selected as District Programme Officer, kollam during Program Officer's Conference held at Muthoot Institute of Technology.



Sujina S Babu (2nd year Chemical Engineering) Selected for Jagriti Yatra-2016. Jagriti Yatra is an ambitious train journey of discovery and transformation that takes hundreds of India's highly motivated youth, on a 15 day, 8000 km national odyssey to meet the social and business entrepreneurs of India.



P J MAHESH (4th year EEE), Presented his paper at IEEE Global Humanitarian Technology Conference held at Seattle, Washington, USA. He was participated in IEEE Region 10 conference at Colombo, Sri Lanka.



Soumya (C5) & Abrar (E5) for participating the NSS National level adventure camp at Atal Bihari Vajpayee Institute of Mountaineering & Allied sports, Narkanda from 25th November to 4th December.



Ashwin P S, Secured sixth position in Annual National Level Quiz Competition Technikwiz'16 conducted by IIT Allahabad



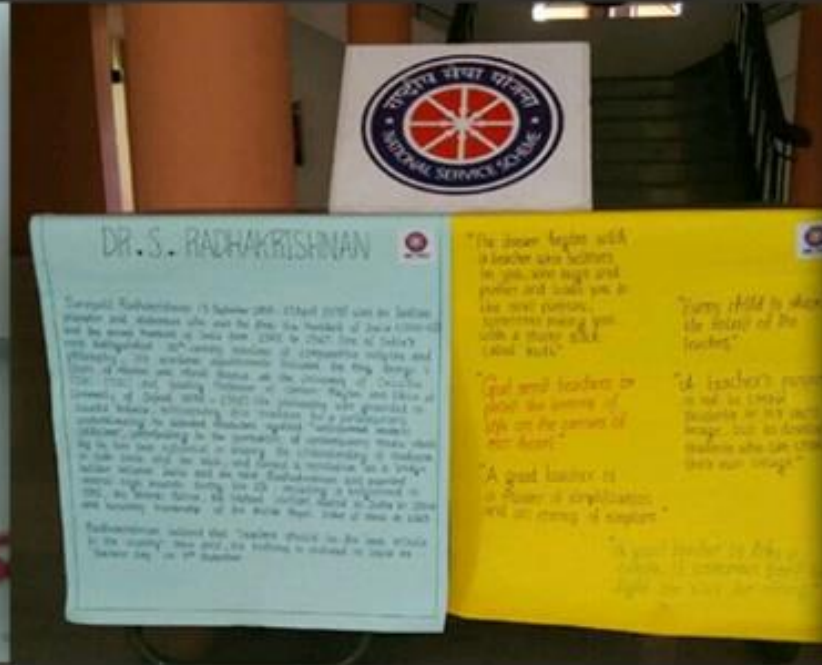
Muhammed Jaseel (4th year Chemical Engineering) attended Gramya Manthan-2016, a nine day rural immersion journey with 30 passionate changeagents held at Kanpur Dehat, Uttar Pradesh. He also attended Jagriti Yatra-2015

GALLERY

NATIONAL SERVICE SCHEME, TKMCE



Onam Celebration



Teacher's day celebration : Gifted all teachers with roll of quote as a token of appreciation.



Volunteered campus cleaning Drive by College Union



Republic day-2016



New office of NSS Unit TKMCE



Observed Sadhbhavana Day



NDLM-National Digital Literacy Mission Campaign - Awareness class



Community interaction and outreach



Oral hygiene day awareness class



Help desk during first year admission



Welcome board



Volunteered Sukrita'16 an initiative by STEPS TKMCE



Socio Economic survey at adopted village.



Yoga day



Traffic awareness class



Martyr's Day Peace Rally



NATIONAL SERVICE SCHEME TKMCE





Muhammed Jaseel, Magazine Editor, College Union, TKMCE

“Palest ink is stronger than the sharpest memory”

NSS Times is the first work undertaken by me as the magazine editor of TKM College of Engineering. I have been closely associated with the National Service Scheme for the past 5 years, starting from my school years and working with the organisation was always memorable and inspiring. I am quite aware of the efforts put in by my beloved friend Jishnu Raj in making our unit more dynamic. I hope this publication will do justice as a befitting souvenir of his efforts. I dedicate this work to Vipin Kumar and the whole team which conducted the district level camp, NEST at TKMCE after a long gap which built up the society's faith in our unit immensely.

It is my extreme privilege to lead this team consisting of our talented designer Chandu. And the duo of Ashmy and Aiswatha makes the team spirit always on a high. I wish all the best to my juniors to carry the legacy of NSS forward and I hope my juniors will release more versions of NSS Times.

NSS TIMES

NSS TKMCE, UNIT NO. 174 & 547



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