

TKM COLLEGE OF ENGINEERING

Celebrating 66 years of excellence



SUBMITTED TO



CYCLE -2 ASSESSMENT

www.tkmce.ac.in

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BEST PRACTICE 1 - Student Mentoring System through Advisory to Enhance the Teaching-Learning Process

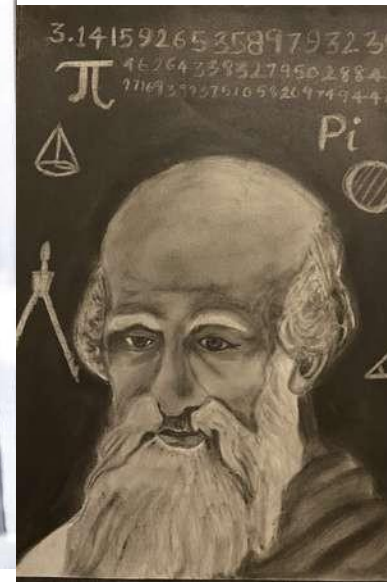
The "Student Mentoring System through Advisory" at TKM College of Engineering is a best practice aimed at enhancing the teaching-learning process by fostering holistic development and building student confidence. Through personalized guidance, mentoring motivates students to actively participate in co-curricular and extracurricular activities, technical events, and competitions. These opportunities encourage greater involvement, improve self-assurance, and help students develop essential skills such as teamwork, problem-solving, and effective communication. By integrating academic support with these developmental activities, the system prepares students for real-world challenges while nurturing their overall growth and active engagement. Some of the co-curricular and extracurricular activities involving active student participation are given below.

1. EXCEL IN EXCEL - MS EXCEL WORKSHOP

Microsoft Excel is a go-to tool for data analytics and manipulation, thus, knowing how to use it is very important. Excel workshops are conducted very rarely, and NSS TKMCE provided a huge opportunity for students to excel in Microsoft Excel.



2. **PI DAZZLE: Online Drawing Competition.** The NSS Units 174 & 262 of TKM College of Engineering organized a Drawing Competition. The event was organized in association with the Pi Day on July 22nd on July 22nd. The participants were asked to submit drawings based on the theme of Pi.



3. **MIND MASTERS: Chess Competition**

The NSS Units 174 & 262 of TKM College of Engineering organized a Chess Competition. The event was organized in collaboration with the physical Education Department on July 22nd. The event began at 4 pm. The volunteers equipped chess boards

and other requisites. The event was successful with a very much number of participants.



4. LISTEN UP - DEBATE COMPETITION

The NSS Units 174 & 262 of TKM College of Engineering organized LISTEN UP, an online debate competition on 17th June as a part of PRAVAAH. A registration link was circulated for interested students to join. The theme of the debate was "Future India". The students were divided into groups of two, advocating for 'for' and 'against,' as determined by the judging panel. The students enthusiastically debated the topic. The winner received a prize pool of 1K. The event provided a platform for diverse perspectives,

preparing students for real-world discussions and collaboration in a digital environment. The active participation of the students made the event a great success.



5. BLINK - PHOTOGRAPHY COMPETITION

NSS Units 174 & 262 of TKM College of Engineering organized BLINK, a photography challenge as part of PRAVAAH. The theme of the competition was 'India has to change'. The competition was held online where students had to submit their entries in a google drive. The allotted time for the submission was from June 15 to 19. Encouraging kids to recognize and demonstrate to the world the necessary changes in our society was the main goal. Prize pool of 1k was provided to the winner of the competition. Due to the sheer enthusiasm of our volunteers and participants the event was carried out successfully. The photography competition served as a dynamic platform, showcasing a diverse range of artistic expressions.



6. WHEN INDIA SPEAKS - NEWSPAPER READING COMPETITION

The NSS Units 174 & 262 of TKM College of Engineering organized WHEN INDIA SPEAKS, an all Kerala newspaper reading competition as a part of PRAVAAH. The event was conducted on June 18 through online mode. The competition ignited the creative

minds of the participants as the topic was about the future India. The partakers were given 5 minutes to explore the state of the country years ahead. The event succeeded in showcasing the creative minds of the participants and the winner bagged a prize money of 1k. The contest was a great success owing to the tireless effort put forward by the volunteers and the participants' zeal to work up their minds. They also added a pinch of artistic humor in the news headlines to make the event more fun filled.



7. INK TALES - COMICS COMPETITION

The NSS Units 174 & 262 of TKM College of Engineering organized 'InkTales', an event testing the literary, creative, and imaginative skills of the competitors to promote the idea of unity and togetherness. The topic provided was 'Utopia in the near future.' The mode of the event was online, with a total of 183 entries. There were poem writing and story writing segments for the

participants. Submissions were accepted from October 1st to 10th. The winners were selected through "NSS_Writes," the Instagram page, and by appointing external judges. A total of 3 winners were selected for both events, each receiving prize money of 1k, 0.5k,



and 0.25k rupees, respectively.

8. TECH A MINUTE - JAM COMPETITION

As a part of PRAVAAH, the NSS Units 174 & 262 of TKM College of Engineering organized TECH A MINUTE, an online JAM on 16th June from 7 pm. This event aimed to ignite technical knowledge and identify orators among youngsters. A minute was given to the participants to speak on a given topic. The program encouraged participants to think on their feet and develop an analytical attitude towards the problem. The winner received an amount of 1k as prize money. About 20 students participated in this event.



9. CLIP CLASH REELS COMPETITION

As a part of PRAVAAH, the NSS Units 174 & 262 of TKM College of Engineering conducted a reels competition under the name Clip Clash. The last date for the submission was 19th June. The winner was decided based on the viewer responses. The event was conducted with the aim of uncovering the hidden talents in the college's youth. The topic provided for the contestants was "India



2050.” A total of four submissions were made before the deadline, and the best among them was selected as the winner. Clip Clash provided an open platform for newcomers and successfully reached out to students, bringing their talents into reality

10. HAIKU SHORT POEM COMPETITION

The NSS Units 174 & 262 of TKM College of Engineering organized HAIKU, a short poem writing competition based on the theme 'Standing on the shoulders of giant'. The event was held online from 9am to 11am and the submissions were to be made



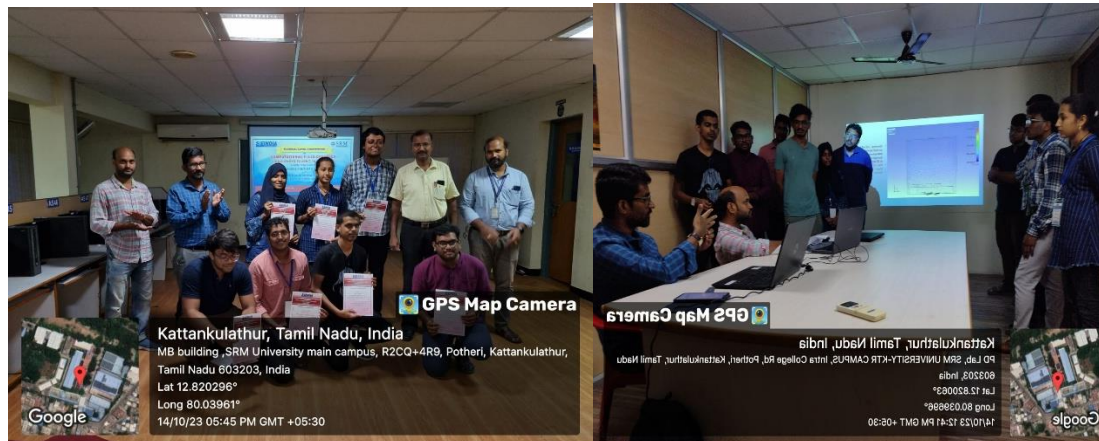
through Google form. The entries were judged by Neeraj A R, an alumni of TKM. Students from various years and branches took part in this activity. The main goal of the event was to generate brilliant works in a short span of time. Due to sheer enthusiasm of our volunteers and participants, the event was carried out successfully. The poem writing competition served as a dynamic platform, showcasing a diverse range of artistic expressions

PROFESSIONAL BODIES

SAE TKMCE provides students with the opportunity to participate in the various events

1. MISFITS

Students participated and excelled in the national-level Computational Fluid Dynamics (CFD) competition employing Ansys Fluent software under the guidance of Dr.Senthilkumar S from SRM Institute Of Science and Technology, Kattankulathur, Chennai. Our students received comprehensive training in CFD methodologies, encompassing conduction, convection, and radiation, including conjugate heat transfer analyses. This intensive 100-hour workshop was conducted at the SAE Southern Section headquarters in Guindy, Chennai.



2. SPOX

Team SPOX aims to design a manually propelled road bike for a bicycle design competition, with the objective of creating a vehicle that is ergonomically comfortable, aesthetically appealing, and mechanically strong, capable of carrying an average human being. The design must adhere to applicable Indian Standards for bicycle design. Additionally, the goal is to keep design and manufacturing costs low, targeting a price point of Rs. 7,000 for single-speed and Rs. 10,000 for multi-speed transmission, with an annual sales

target of 50,000 units per year.

Achievements: 2023-24- All India 16th rank

All Kerala 4th rank 2024-25- All India 1st rank in Best Dynamic performance.



3. TEAM VEGHA

The team "Vegha" got third place in the Electric Two-Wheeler Design Competition in SAEINDIA Southern Section held on 17th and 18th February 2024 at Rajalakshmi Engineering college, Chennai.



4. XLR8 STUDENT FORMULA TEAM

A collection of gifted and passionate students who have a similar love for motorsports and automotive engineering make up the XLR8 Formula Student Team. They create and construct their race car to participate in Formula Student events, showcasing their collaborative, engineering, and design abilities. The team is committed to raising the bar for performance and innovation in the racing industry. This student team competes in races such as ISIE Formula Bharat, ISIE Formula Imperial, or SAE Supra by designing, manufacturing, and operating Formula-style race cars. To compete against teams from other colleges, students are required to use their engineering talents to design and build a single seater race car.



FINANCIAL SUPPORT FOR NEEDY STUDENTS

The financial support provided to needy students is another distinctive feature of TKM College of Engineering. A Merit-cum-Means scholarship is awarded to deserving students, funded exclusively through contributions from the monthly salaries of the college staff. Additionally, endowments and scholarships have been instituted by retired faculty and alumni of the college

1. MCM SCHOLARSHIP STAFF CONTRIBUTION DETAILS

Proof: <https://drive.google.com/file/d/1LdTQ7wpdF4y9EQ6ZRWGNVIlqry5-IwaW/view>

2. MCM SCHOLARSHIP SELECTED STUDENT DETAILS

Proof: https://drive.google.com/file/d/1aRU_buoQHlvfVlChK7cIDEuM0J6UjoG7/view

ENDOWMENTS AND SCHOLARSHIPS

Endowments and scholarships have been instituted by retired faculty members and alumni of TKM college of Engineering for the meritorious students



TKMCE EXCELLENCE AWARDS



HOLISTIC DEVELOPMENT

INTERNATIONAL YOGA DAY: YOGA SESSION

As part of International Yoga Day, the NSS Units 174 & 262 of TKM College of Engineering in collaboration with the Physical Education Department of the college, organised a yoga session at the college auditorium. The event aimed to promote physical and mental well-being among the students and raise awareness about the importance of yoga in maintaining a healthy lifestyle. The session commenced at 07:00 AM and continued for an hour under the expert guidance of the yoga trainer and instructor, Suvy Susan Varghese. Alongside the practical session, Dr. Maneesh Rasheed, HOD of Dept. of Physical Education delivered an informative lecture emphasizing the significance of yoga in our everyday lives. This event had a positive impact on the participants, providing them with a fresh and energetic start to the day .



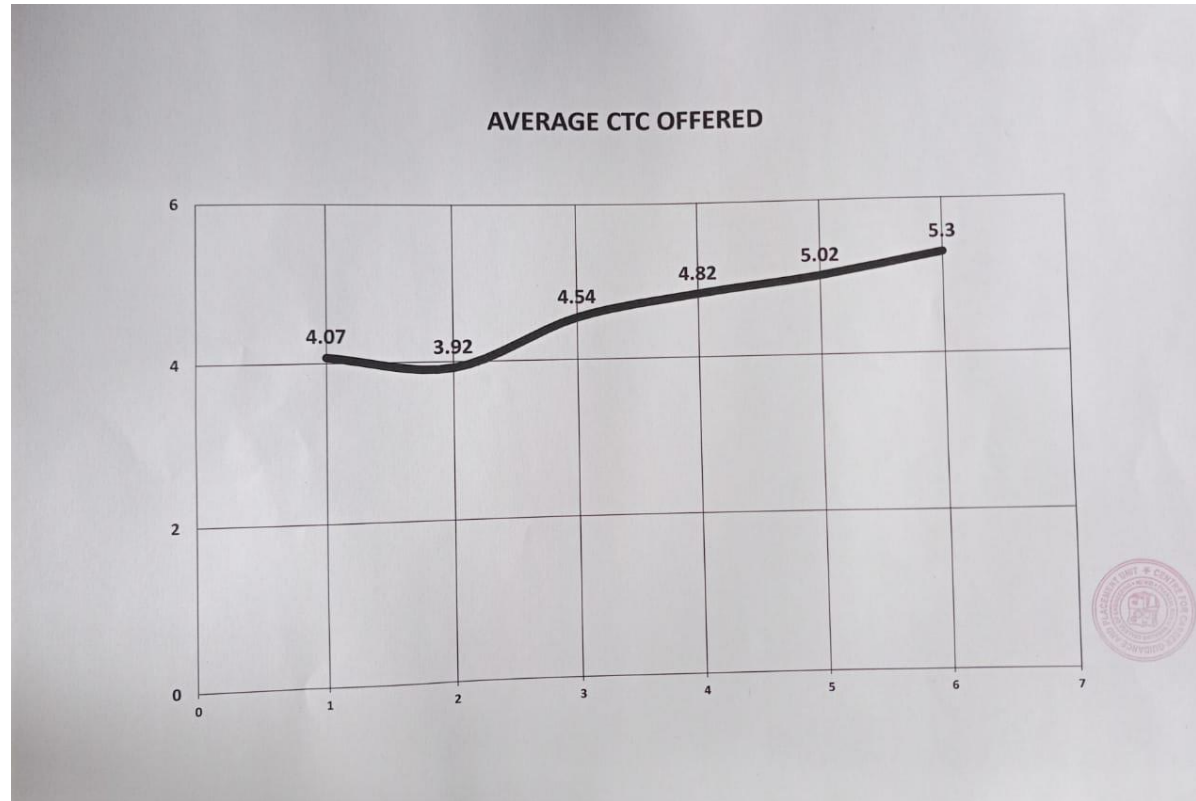
NATIONAL LEVEL PARTICIPANT 2023-24

1. AKIF INAYATH V M (A9) - FOOTBALL
2. SABITH (A5) – FOOTBALL
3. NAVANEETH (C5) – FOOTBALL
4. KIRANKANTH (M7) – FOOTBALL AND HANDBALL
5. ADHIL (C3) - BASKETBALL
6. DHANITH (T3) - HANDBALL
7. APARNA RAJESH (E5) - HANDBALL
8. FAISY MO (PG) – HANDBALL AND SOFTBALL
9. FEBINA P (H3) – HANDBALL
10. HANAAN ZAIN P V P (A5) – HANDBALL
11. FINASH (R5) – HANDBALL
12. JITTO TONCE T (M5) – HANDBALL
13. AMAN VIJAYAN (M3) - KHO KHO
14. AL FAHADH (T5) - KHO KHO
15. MUHAMMED DANISH M P (T7) – TENNIS
16. MALAVIKA (A5) - TENNIS
17. MUHAMMED JINAN C A (T7) - TENNIS
18. NIRANJANA (T5) - WUSHU
19. AISWARYA (T5) - KABADDI
20. THEJA (M1) - KARATE

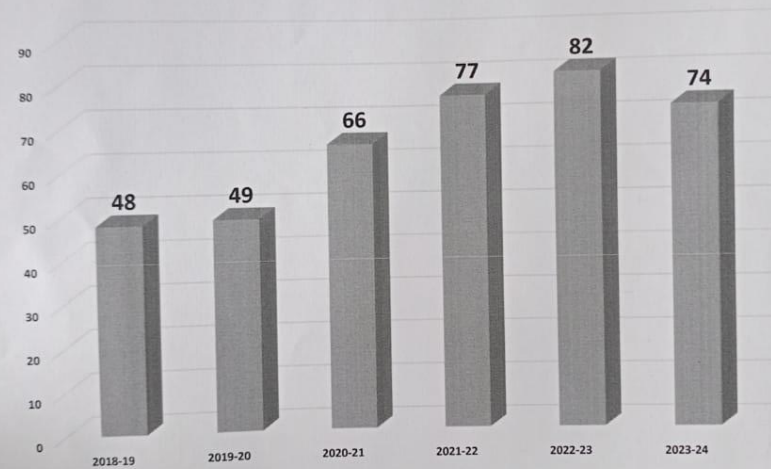
ACHIEVEMENTS IN SPORTS

1. FOOTBALL MEN TEAM CHAMPIONS APJAKTU FOOTBALL ZONE MEN CHAMPIONSHIP 2023-24
2. KHO KHO MEN TEAM CHAMPIONS APJAKTU ZONE MEN AND WOMEN KHO KHO CHAMPIONSHIP AND SECOND RUNNER UP IN ALL KERALA KTU CHAMPIONSHIP 2023-24
3. KABADDI MEN AND WOMEN TEAM CHAMPIONS APJAKTU ZONE MEN KABADDI CHAMPIONSHIP 2023-24
4. BASKETBALL WOMEN TEAM CHAMPIONS APJAKTU ZONE WOMEN BASKETBALL CHAMPIONSHIP 2023-24
5. TABLE TENNISMEN ANDWOMEN TEAM CHAMPIONS APJAKTU ZONE TABLE TENNIS CHAMPIONSHIP 2023-24
6. SHUTTLE BADMINTON WOMEN TEAM CHAMPIONS APJAKTU ZONE WOMEN SHUTTLE BADMINTON CHAMPIONSHIP 2023-24
7. SHUTTLE BADMINTON MEN TEAM CHAMPIONS APJAKTU ZONE MEN SHUTTLE BADMINTON CHAMPIONSHIP 2023-24
8. VOLLEYBALL MEN TEAM RUNNER UP APJAKTU ZONE MEN VOLLEYBALL CHAMPIONSHIP 2023-24
9. CHESS MEN TEAM CHAMPIONS APJAKTU ZONE MEN CHESS CHAMPIONSHIP 2023-24
10. CHESS WOMEN TEAM CHAMPIONS APJAKTU ZONE WOMEN CHESS CHAMPIONSHIP 2023-24
11. HANDBALL WOMEN TEAM CHAMPIONS APJAKTU HANDBALL WOMEN CHAMPIONSHIP AND RUNNER UP ALL KERALA KTU HANDBALL CHAMPIONSHIP 2023-24
12. HANDBALL MEN TEAM CHAMPIONS ALL KERALA APJAKTU HANDBALL CHAMPIONSHIP 2023-24
13. VOLLEYBALL WOMEN TEAM CHAMPIONS APJAKTU WOMEN VOLLEYBALL CHAMPIONSHIP 2023-24
14. BASKETBALL MEN TEAM CHAMPIONS APJAKTU ZONE MEN BASKETBALL CHAMPIONSHIP 2023-24
15. Niranjana of fifth semester electronics and communication engineering department represented kerala wushu women team in the national games 2023
16. Akif inayath v m of 9th semester architecture department was the captain of the APJ Abdul kalam technological university football men team 2023-24
17. TENNIS MEN TEAM CHAMPIONS ALL KERALA APJAKTU TENNIS MEN CHAMPIONSHIP 2023-24
18. TENNIS WOMEN TEAM RUNNER UP ALL KERALA APJAKTU TENNIS WOMEN CHAMPIONSHIP 2023 -24

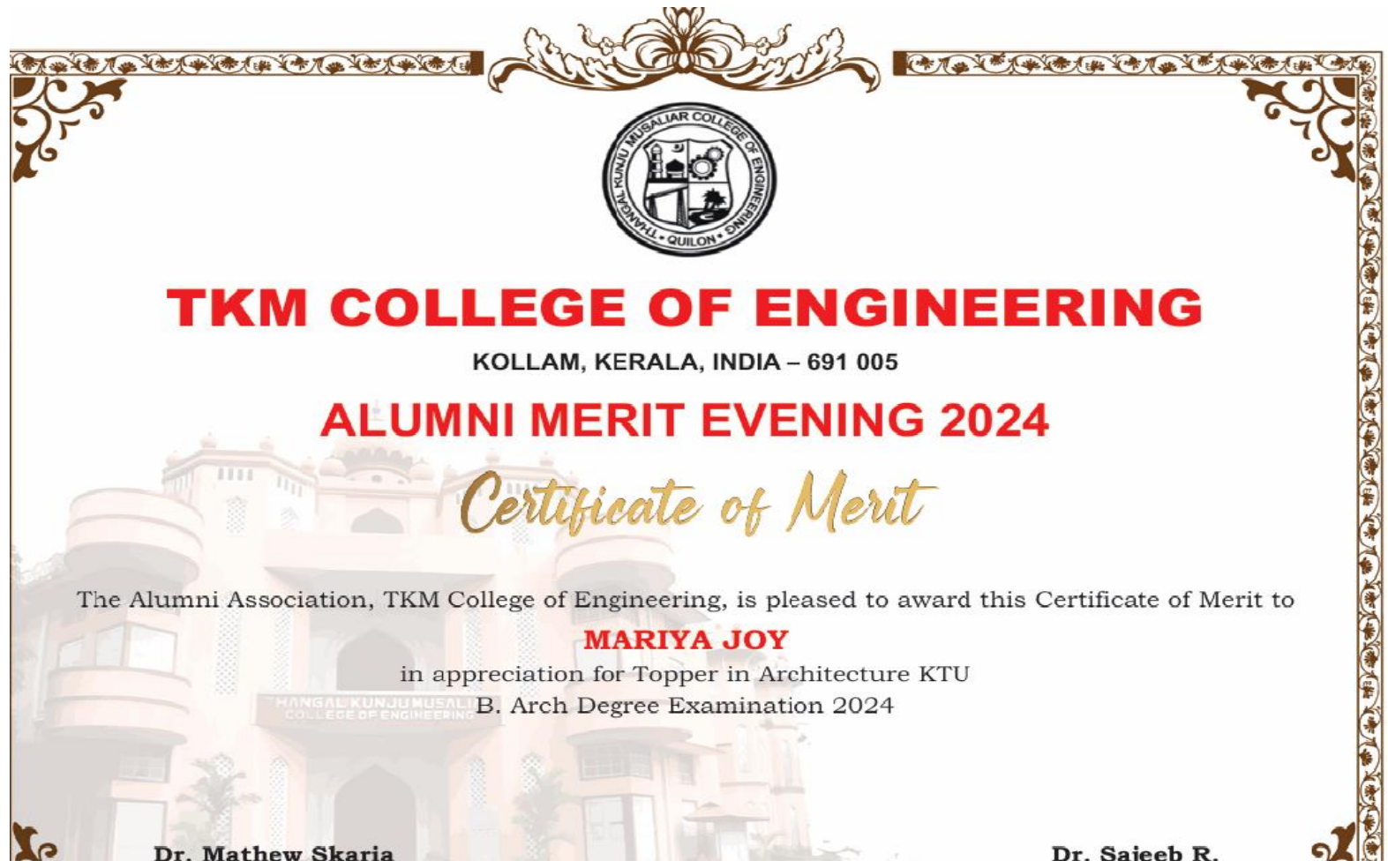
PLACEMENT DETAILS



No of companies visited



EVIDENCES OF SUCCESS





TKM COLLEGE OF ENGINEERING

KOLLAM, KERALA, INDIA – 691 005

ALUMNI MERIT EVENING 2024

Certificate of Merit

The Alumni Association, TKM College of Engineering, is pleased to award this Certificate of Merit to

AKASH S BABU

in appreciation for Topper in Chemical Engineering KTU

B. Tech Degree Examination 2024

Dr. Mathew Skaria
Secretary, Alumni Association

Dr. Sajeeb R.
Principal

SSET/NSS/TOT-P/SEPT/2023/KTU/No: 14



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

HEMANTH H ,TKM COLLEGE OF ENGINEERING

in recognition of their active participation in **Surakshayanam PACE** held at
SCMS School of Engineering & Technology, Karukutty, on the **9th & 10th of September, 2023**.
Your participation, enthusiasm, and dedication have been an integral part of the success
of the event, and we are pleased to recognize your involvement.

PACE COORDINATOR
MVD

PRINCIPAL
SSET

PROGRAM COORDINATOR
KTU NSS CELL



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

NATIONAL SERVICE SCHEME

in association with

ENERGY CELL, NSS

KOLLAM PATHANAMTHITTA REGION

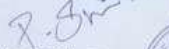


CERTIFICATE OF PARTICIPATION


This certificate is presented to

Abhinav S F Volunteer/Program Officer of
Tert College of Engineering, Kollam
for the participation in the "**ENERGY CELL REGIONAL MEET**" conducted on
24 June 2023 at College of Engineering Karunagappally


Ms. Ajisha S
Regional Coordinator,
Energy Cell NSS


Dr. Smitha P
Program Officer NSS
Associate Professor in CS




Dr. C V Anilkumar
Principal
CE Karunagappally



CERTIFICATE of Participation

This is to certify that VISHNU R of
Unit : 262 had participated in NRPF ANNUAL MEET'24 held
at Vidya Academy of Science and Technology, Thrissur
on 16 and 17 March 2024.

Dr Arun M
Program Coordinator
APJAKTU NSS Cell

Darsana S Babu
State Coordinator,
NRPF

Dr. Saji C B
Principal VAST

Ranjith E R
Programme officer
VAST



FOOTBALL MEN TEAM CHAMPIONS APJAKTU ZONE FOOTBALL MEN CHAMPIONSHIP 2023-24



KHO KHO MEN TEAM CHAMPIONS APJAKTU ZONE MEN KHO KHO CHAMPIONSHIP AND SECOND RUNNER UP IN ALL KERALA KTU CHAMPIONSHIP 2023-24



KABADDI MEN TEAM CHAMPIONS APIAKTU ZONE MEN KABADDI CHAMPIONSHIP 2023-24

BEST PRACTICE 2

INSTITUTE SOCIAL OUTREACH PROGRAMS

TKMCE promotes social outreach programs organized by students to instill a sense of social responsibility and community engagement. These initiatives provide opportunities for experiential learning by involving students in real-world problem-solving and strengthen the institution's relationship with the community by addressing societal challenges. Some of these activities are given below

College union initiative (Wayanad Landslide)



INITIATIVES BY STEPS TKMCE

1. HUMAN LIBRARY

This year, TRIKA'24 proudly hosted the Human Library—an exceptional event that turned storytelling into a tool for empathy, understanding, and connection. Designed to foster meaningful interactions, the Human Library transformed into a “living library” where people, acting as “books,” shared their life experiences with “readers” eager to learn. Featuring inspiring speakers like Veena Venugopal (India’s first wheelchair anchor), V.M. Sadique Ali (wildlife photographer), and Rameez Nizar (Mr. Kerala 2023), the event highlighted stories of resilience, courage, and personal growth. These human “books” confronted societal prejudices and personal struggles, deeply impacting listeners, sparking conversations, and breaking down barriers. The event underscored the healing power of sharing stories, leaving participants with a renewed appreciation for vulnerability and the importance of being heard. In its essence, the Human Library was a resounding success, reminding everyone of the universal message of hope within each story, regardless of differences.



2. VARNANGAL

As part of TRIKA'24, STEPS TKMCE organized Varnangal, a vibrant event dedicated to bringing joy and fostering meaningful interactions with enthusiastic and talented children. The day featured engaging activities such as art and craft sessions, games, music, and storytelling, creating a lively and nurturing atmosphere. Volunteers worked closely with the children, ensuring they felt seen, heard, and celebrated, making Varnangal a colourful celebration of the many hues of life. The event left a lasting impact on everyone involved, highlighting the importance of empathy and inclusion. Varnangal was a testament to STEPS' commitment to spreading joy and building connections, making it a cherished part of TRIKA'24.



3. UMMEED

In collaboration with TRIKA'24, STEPS organized Ummeed, a heartfelt initiative dedicated to palliative care patients. Recognizing the challenges faced by individuals with chronic illnesses, Ummeed aimed to bring comfort and relief through thorough physiotherapy assessments and primary medical checkups. Led by dedicated healthcare professionals and compassionate volunteers, the event provided personalized care ranging from mobility exercises to pain-relief therapies, each tailored to meet the specific needs of patients. Ummeed became a beacon of hope, showcasing the power of community and compassion. The gratitude, smiles, and renewed hope in

the eyes of the patients were the true highlights, making Ummeed a profoundly fulfilling initiative that left a meaningful impact on all involved.



4. SKILL ACQUISITION PROGRAMME

STEPS proudly launched the Skill Acquisition Programme, an empowering initiative designed to unlock personal growth and potential by providing vocational training to palliative patients and individuals seeking new opportunities. This program offers participants the chance to learn and master a variety of practical skills, including tailoring, mushroom farming, crochet making, Akshaya Centre training, video editing, and poster designing, with the added benefit of job opportunities being provided.



5. LITTLE FEATS

The tapestry of life, children bring colour, hope, and boundless joy, and Little Feats, an initiative by STEPS, celebrates this spirit by inviting children from the Children's Home to our campus for a day filled with happiness, laughter, and memorable experiences. More than just an event, Little Feats is a heartfelt celebration of compassion and community.

The day was crafted to offer these young guests a joyful escape, filled with fun activities, games, and interactive sessions. It was a reminder to each child that they are valued, loved, and supported by a community that deeply cares for them.



RAASTHA: TECHNOLOGY SKILL DEVELOPMENT FOR SCHOOL STUDENTS

6.

STEPS conducted Raastha, an innovative skill development session designed for school students to nurture their potential in a rapidly evolving digital landscape. Understanding the importance of technological fluency for future leaders and creators, Raastha focused on equipping young minds with the skills needed to harness technology and drive innovation.

The session introduced students to foundational concepts and tools, encouraging them to explore and understand the potential of technology in shaping the future. Through hands-on activities and guided learning, Raastha empowered students to see themselves as creators capable of making a positive impact through digital innovation.



INITIATIVES BY NSS TKMCE

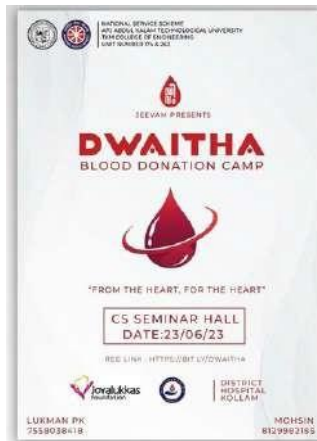
1. BLOODY SWEET: BLOOD DONATION AWARENESS DRAMA

NSS Units 174 & 262 of TKM College of Engineering organised Bloody Sweet, a spectacular street play, in collaboration with the Film and Drama Club as part of Jeevarekha 4.0 on 22nd June 2023. The play was held at the entrance of the College in the evening. The main theme of the street play was about the importance of blood donation these days which was successfully conveyed. The incessant use of humour and remarkable performance got huge attention from the audience. The event started at 5 pm with a huge crowd gathered at the entrance of the college. The play was successful in conveying the inevitable part of blood donation in our society. The session came to an end with a great applause from the audience along with the distribution of sweets. Also helped to inform the blood donation camp which was going to happen.



2. DWAITHA BLOOD DONATION CAMP

As a part of the Jeevarekha 4.0 campaign, the Jeevam blood cell of NSS Units 174 & 262 at TKM College of Engineering organised Dwaitha, a blood donation camp in collaboration with Kollam District Hospital and sponsored by the Joy Alukkas Foundation. The camp started at 8:30 am in the College Auditorium with an enlightening session on blood donation by Dr. Mary Sanshya, Junior Consultant Transfusion Medicine of Kollam District Hospital. The camp became a success with a total of 72 donations being made with the students and faculty members being the active blood donors.



3. TREE PLANTING- WORLD ENVIRONMENTAL CONSERVATION DAY

As a part of the World Environmental Conservation Day,, the NSS Units 174 & 262 of TKM College of Engineering organized a tree planting activity at TKM College of Engineering, Karikkode. The activity began at 3:30 p.m. with the volunteers planting different tree saplings collected from the forest department at the college campus. The volunteers dug pits, planted the saplings and watered them on their own. The activity came to an end with a new sense of responsibility to the environment rising up in the air .



4. NSS DAY : CLEANING DRIVE

As a part of the 54th NSS Day, the NSS Units 174 & 262 of TKM College of Engineering organised a cleaning activity. The activity started at 4:00 pm and an active participation of the NSS aspirants and volunteers was seen. The aspirants gathered near the college ground and were divided into teams and a mentor allotted to each. Starting from the college ground, the students cleaned the tennis court and the volleyball court as well. The activity ended at 6:30 pm with a short interactive session between the aspirants and the volunteers.



5. NISWASAM - BLOOD DIRECTORY

As part of the Jeevarekha 4.0 campaign, the NSS Units 174 & 262 of TKM College of Engineering decided to form a blood directory. As a part of this the details of all the students were collected by circulating Google forms in all the classes with the help of the class representatives. The details of the blood group, last donations, medicine intake, diseases etc were collected. This directory helps to identify the donors easily in case of emergencies with its organised and maintained data.



6. BHAKSHAYATI 1 - FOOD PACKET DISTRIBUTION

The NSS Units 174 & 262 of TKM College of Engineering organized BHAKSHAYATI, an initiative to distribute food packets to those in need. The aim of the event is to create a sense of benevolence among students by providing the needy with food which is indispensable. The collection began at 8:30 am in the APJ Park, where volunteers eagerly collected food packets. Students generously contributed food packets, turning it into a community effort. A QR code facilitated easy donations for those unable to bring physical packets. This thoughtful initiative by NSS is part of an ongoing series, recognizing the perpetual need to address hunger. The overwhelming sense of unity and the joy of lending a helping hand make this event truly special.



7. SWACHH BHARAT CLEANING

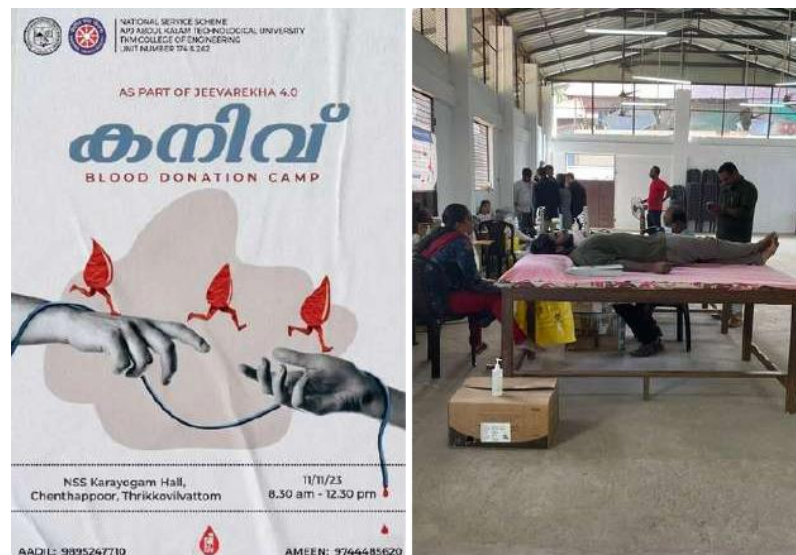
As part of Gandhi Jayanti and the Swachh Bharat initiative, the NSS Units 174 & 262 of TKM College of Engineering organized a cleaning activity. The activity began at 4:00 pm with enthusiastic participation from NSS volunteers. The volunteers gathered near the college ground and were divided into teams. They started from the college ground and moved to various locations within the college to conduct the cleaning activity. The cleaning activity was successful in demonstrating the commitment of the NSS volunteers to maintain cleanliness and honor the values of Gandhi Jayanti and Swachh Bharat. The active participation and teamwork of the volunteers significantly contributed to the cleanliness of the college premises, setting an example for others to follow



8. KANIVU - BLOOD DONATION CAMP

The NSS Units 174 & 262 of TKM College of Engineering in collaboration with the District Hospital, Kollam, conducted a blood donation campaign, KANIVU, at the adopted village of Thrikkovilvattom. The campaign commenced on 11th November 2023 at 8:30 am and extended until 12:30 pm. The NSS Karayogam Hall, Thrikkovilvattam, hosted the facility to accommodate the donors and conduct further

processes. The event was conducted seamlessly based on the details gathered by the NSS volunteers on a blood survey in the adopted villages of Thrikkovilvattam and Kottamkara. The campaign was positively reviewed by the villagers and a total of 26 donations were made by donors from the college and the nearby villages. The success of the campaign was ensured with the dedicated efforts of the NSS volunteers and the employees from the District Hospital. The active involvement of the villagers also contributed to the positive outcome of the campaign.



9. CANCER DAY AWARENESS OATH TAKING CEREMONY

In observance of World Cancer Day, NSS Units 174 & 262 of TKM College of Engineering organized a cancer awareness session aimed at unveiling the jeopardy of cancer and offering advice on prevention. The session was attended by volunteers from Units 174 & 262. The session commenced around 4:15 pm with volunteers gathering on the premises of the chemical block of the college. Prof. Resmi, the program officer of unit 174, addressed the crowd with a short talk, providing insight into cancer as a lifestyle disease. The speech highlighted smoking and drug abuse as major causes and offered solutions to prevent them. Following the address, Miss Devichandana, the NSS volunteer secretary of unit 262, was summoned to administer an oath underscoring the principles of prevention, treatment, and support for individuals affected by the disease. The session emphasized ideas to reduce the burden of cancer by promoting prevention,

early detection, support, and community involvement, ultimately improving outcomes and quality of life for those affected by the disease. The volunteers pledged to take the oath to heart and follow the principles enunciated for life. Around 5:00 pm, the event concluded with a photo session capturing the volunteers, filled with a new purpose in life.



10. OASIS : WATER TO BIRDS

NSS Units 174 & 262 of TKM College of Engineering organised WATER TO BIRDS, in connection with Water Day on 22nd March 2024. As a part of this initiative, volunteers placed small cups under trees and other outdoor spots suitable for birds to drink water from. This activity highlighted the importance of water conservation and the care of our nature. This small yet impactful effort reflects the commitment of the volunteers towards environmental stewardship and community service.



11. AWARENESS SESSION ON HPV VACCINATION

The NSS Units 174 & 262 of TKM College of Engineering, organized a talk session entitled: HPV VACCINE - THE NEED OF THE

HOUR on 29th January 2024. The talk session was conducted in collaboration with the College Union and was an initiative of the Indian Medical Association WIMA Kollam Branch. The session commenced at 4.30pm in the APJ Hall which had Dr. S. Sajini, a consultant gynecologist as the guest speaker. The other dignitaries namely, Dr. Shaniba VS and Sulthana Ansar graced the session with their presence. The session was a flagship project of the WHO which aims at creating an HPV-free world by 2030. The audience were informed about the mode of taking the vaccine, the importance of the vaccine and the prevention of various diseases under the vaccine. The HPV Vaccine is mainly given through a series of shots for boys and girls normally around the age of 9 to 12. It helps in the prevention of various cancers, including cervical cancer and other STDs. In light of the spread of HPV infections and various other STDs, the talk session was able to highlight the act of vaccination, reminding that prevention is better than cure. Although, vaccination is for the individual, the talk conveyed the role of vaccination in enhancing public health as well.



12. SEVEN DAY SPECIAL CAMP

1. CAMPSITE ANGANAVADI TKM PARK KOLLAM EAST STATION

The second day unfolded with the lights on at 5:00 A.M, followed by an energetic exercise session at 5:30 A.M. The warm-up session was followed by the assembly at 6:30 A.M, where the NSS flag was hoisted which is an inevitable part of the camp. The morning study hour commenced at 7:00 A.M. After having breakfast, by 8:30 the volunteers were divided into groups and set off for various work sites. Some engaged in cleaning activities at the Police Station, TKM Park, and Anganavadi, while others had maintenance work at camp site and mess duty. After the lunch, the students gathered in the auditorium, where they presented creative waste disposal ideas with visually striking posters. Following this, Dhanesh sir led an orientation session about NSS goals, emphasizing our inherent duties, and shared a touching experience with stem cell donation. It was interesting as all



volunteers actively participated, building a strong sense of connection and teamwork. The cultural segment, featuring performances by Team Rio and Bogota, added a vibrant touch to the evening. As the day concluded dinner, lights were off by 10 pm, marking onclusion to the day's activities.

2. CAMPSITE WASTE COLLECTION

Day 3 of the camp began at 5:00 A.M followed by the morning exercise session at 5:30 A.M and assembly at 6:30 A.M. After the assembly, volunteers engaged in a one-hour study session. At 8:30 AM, the volunteers separated into their own assigned groups. Under the leadership of seniors, groups went to numerous nearby localities. The task for the day being waste collection, the volunteers enthusiastically went door to door enquiring about the availability of different sorts of waste material. The volunteers who were assigned mess duty and those who got campsite as their allotted site stayed back. By 12:30 PM, each group returned to the camp site with sacks full of waste. After lunch the volunteers proceeded to the sessions of that day which included an interactive fire and safety talk by Noushad Sir followed by an enthusiastic session on self defense by Jeevan Sir of Akada

fight club, Karikode. At 8:00 PM, the day's cultural commenced. After the cultural, the volunteers were instructed to get back to their rooms with lights shutting off at 10:30 PM.



3. CAMPSITE BLOOD SURVEY DENGUE SURVEY

The day commenced with lights on at 5 am, featuring a workout session at 5:30 am and a unifying assembly at 6:30 am. Following a focused study hour and breakfast at 8.25 am, volunteers undertook diverse activities, including a dengue survey and collecting blood group data for voluntary blood donations in the localities. Simultaneously, tasks like mess duty, water filter installation, and sorting materials for the Swapnakooda initiative were accomplished. After lunch, a mental health awareness class led by Latheef sir at 2 pm, emphasizing well-being and concluding with a heartwarming interactive exercise was conducted. The evening featured an interactive session by NSS pass-out senior volunteers, group activities, and a cultural event featuring groups

Cincinatti, Oslo and Nairobi. Day 4 of the camp came to an end at 10 pm.

4. CAMPSITE ASHRAMAM MAIDHAANAM AYURVEDHA HOSPITAL SHALABHA PARK KSRTC GARAGE BEACH
- The 5th day started with morning exercise at 5:30 am, followed by the morning assembly at 6:30 am. The study hour was started at 7 am and ended at 8 am. Breakfast was served and the volunteers were requested to report at 8.30 am to the main ground for joining with their mentors for a full day of hectic work. Volunteers were divided into different groups for various works. The Campsite, Ayurvedic Hospital, Shalabha Park, KSRTC Garage and Asramam Ground were the worksites. Sramadan works included cleaning up the surroundings and collecting the waste bottles. Volunteers who were allotted to the campsite were instructed to do wall painting and gardening. The morning session concluded at about 1 pm. After lunch, the volunteers went to various work sites with their respective teams. The work aimed to reduce waste materials and boost cleaning activities to restore the public spots. The waste collection activities aimed to sell waste materials with potential uses to generate funds for the 'swapnakkoodu' project that comes under the KTU care cell. By 4 pm, everyone finished their work and returned to the campsite.



After the tea break, a wonderful session on first aid which was handled by Ajesh Panickar sir. He explained various sorts of wounds and adequate methods to treat them. It was an interactive session and he taught the volunteers to demonstrate CPR so that we could obtain practical knowledge as well. After the dinner, cultural began at 8 pm with team Denver performing. The fifth day of the camp came to an end with lights off at 10 pm.



5. CAMPSITE KSRTC BUS STAND KILIKOLLUR POLICE STATION VILLAGE OFFICE KSEB OFFICE

The sixth day of the camp started at 5.00 am, followed by a workout session from 5.30 am. The assembly commenced at 6.30 am which was followed by a study hour from 7.00 am. After having breakfast, the volunteers were split into groups, and worksites were allotted. Volunteers left the campsite for their respective worksites by 8:50 am. Sramdan works comprised sorting files at the village office and KSEB office, cleaning at the KSRTC stand, police station, campsite and managing the mess. Worksite activities concluded by 1:00 pm and lunch was provided at 1:30 pm. This was followed by a highly informative session on sex education led by Dr Shintu Thomas and small activities were conducted where volunteers presented roleplays on various topics related to the session. At 6.00 pm the volunteers went to the Rabona turf. Many activities were arranged at the turf and everyone returned to the camp after a football match between the 3rd and 2nd year NSS volunteers. On arriving back at the camp, the

volunteers were served with candlelight dinner. The sixth day came to an end with lights off at 10.00 pm.

