UNISPARK

Universal Engineering College

NAAC Accredited institution
Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University
Irinjalakuda , Vellangallur Road, Thrissur - 680 123, Kerala, Ph: +91 480 2864177, Email: info@uec.ac.in,
www.uec.ac.in

VISION

Provide excellent engineering education, imparting skill development and innovation ecosystem to create engineers that cater to the needs of the society with strong ethical values

MISSION

- *Qualified faculty and intact infrastructure, bestow creative and innovative engineering education.*
- *Equip the students with competent and cutting edge technologies.*
- *Mould the students to meet the changing challenges with global outlook.*
- *Inculcate moral and ethical values among students so as to serve the needs of the society.*

V.K Shamsudeen
Chairman

Message - Chairman

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing or learning to do." - Pele

Passion is a powerful force that may devour one's time and energy, sometimes overshadowing the value of family, friends, and other hobbies. Those who have a strong desire pursue it relentlessly, frequently putting it ahead of everything else. This concentrated attention can result in beneficial or bad effects, or perhaps a combination of the two. On the plus side, passionate people have an unshakeable desire to achieve their objectives, refusing to give up until they have completed their goals. People from all walks of life, regardless of background or career, exhibit this persistent devotion and fierce determination. Combining their deep passion with unwavering persistence opens up a world of potential and opportunity.

Dear students, if you are driven by intense desires and commitment to persevering through challenges, you open yourself up to a world of potential and opportunities. By embracing this mindset, you can navigate your journeys with determination, learn from setbacks, and increase your chances of realizing your aspirations.

Dr. Jose k Jacob
Principal

Message - Principal

Dear Students and Staff members,
"Synergy demands that we bring different things to the table, and we should value that". Stephen R. Covey

In our rapidly changing world, no person has the knowledge and skills to tackle complex challenges. Synergizing allows us to tap into our community's diverse perspectives and expertise. Synergizing is not just about teamwork but valuing and using our differences. Each of us brings unique perspectives and skills. When we combine these, we gain a deeper understanding, come up with innovative solutions, and create a richer learning environment. By collaborating openly and respectfully, we can harness our collective potential and create something greater than we can achieve individually. Adopting our differences and valuing diverse perspectives enriches our learning environment and fosters innovation.

I encourage each of you to actively engage in synergizing by seeking opportunities to collaborate, sharing your ideas, and being open to others' perspectives. Let's extend this mindset beyond our college and collaborate with our local community, positively impacting society.

We can accomplish great things together and create a harmonious and supportive community that inspires excellence.

UEC Management

V.K Shamsudeen, Chairman & Managing Trustee

P.B. Abdul Jabbar, Chief Patron

P.K. Salim, Vice Chairman

C.K. Mukundan, Vice Chairman

Jayraj B. Pillai, Secretary

V.K. Abdul Gafoor, Treasurer

V.K. Abdul Salam, Joint Secretary

Jabir K. Mohmmed, Executive Director

P.B. Anvar, Executive Member

P.B. Zainudeen, Executive Member

Academic Heads

Dr. Jose K Jacob, Principal

Dr. K K Narayanan, Head of the Department, Applied Science & Humanities

Dr. Sreeraj R, Head of the Department, Computer Science & Engineering

Dr. Premshankar, Head of the Department, Mechanical Engineering

Dr. Harinarayan N H, Head of the Department, Civil Engineering

Dr. Joly, Head of the Department, Electrical & Electronics Engineering

Dr. Arun Pradeep, Head of the Department, Electronics & Communication Engineering

MOU Signed

Universal Engineering college has signed a MOU with Kerala Solvent Limited Irinjalakuda. This MOU will help our students to get Placement and skill oriented internships.Our faculties will get opportunity to take classes for the employees of KSE

TECHNICAL FEST

VAIBHAV 3.0

Universal Engineering College organised **VAIBHAV 3.0**, a multidisciplinary inter collegiate, Technical Fest on 2023 May 8 & 9. The theme of the program was Youth Leadership & Technical Development. The event witnessed various competitions for identifying technical innovations among students as well as start-up ideas.

VYOOHA

VYOOHA – The Civil Engineering Tech Fest, organized by the department of Civil Engineering in association with CESA on 8/5/2023 & 9/5/2023.The fest provided a platform for students to come together and exchange knowledge, ideas, and experiences.

The events of of the Civil Engineering Tech Fest are:

- Paper Presentations: Students and researchers were invited to submit papers on their innovative research and projects in civil engineering. The selected papers were presented during the fest, providing a platform for knowledge sharing and encouraging research collaborations.
- Technical Exhibition: The event successfully provided a platform for students to exhibit their projects, share knowledge, and engage in technical discussions.
- Technical Competition: The Technical Competition showcased the talent, technical skills, and problem-solving abilities of the participants. The event created an environment of healthy competition, collaboration, and knowledge sharing. Participants had the opportunity to apply their technical knowledge, think critically, and develop innovative solutions in STAAD, AutoCAD, Survey, Bridge making

- Carnival games: The Carnival Games event provided participants with a chance to relax, have fun, and enjoy amusing activities. The games such as temple run, escape room, open mic, snake and ladder, generated laughter and created a vibrant atmosphere. The event's success can be attributed to the enthusiasm and active participation of the participants, as well as the efforts of the organizers to create an enjoyable experience for all.
- The Museum of Illusion: The Museum of Illusion is a fascinating and immersive exhibition that offers visitors a unique and mind-bending experience. It showcases a variety of optical illusions, interactive exhibits, and visual tricks that challenge our perception of reality

EXODIA

Department of Computer Science and Engineering organized Department Techfest **"EXODIA."** The event aimed to provide a platform for students to showcase their skills, engage in competitive activities, and foster a spirit of technological innovation. The Staff Co-ordinator of the event is Mr. Sreejith P S and Student Co-ordinator is Muhammed Muhzin , S8 CSE .

Main events on 08-05-2023 are

- Coding Competition:They were challenged with solving intricate coding problems within a specified time frame, showcasing their problem-solving skills and programming knowledge.
- Debugging Competition:The Debugging Competition challenged participants to identify and fix errors in provided code snippets within a given timeframe.
- Ethical Hacking Workshop : An Ethical Hacking Workshop was organized to educate participants about the importance of cybersecurity and ethical hacking practices. Elwin Augustine , Cyber Security Analyst and industries tech was the mentor.
- Treasure Hunt :The Treasure Hunt event offered participants an exciting and engaging outdoor activity. Participants navigated through various clues and challenges, solving puzzles and riddles to uncover hidden treasures
- Fashion Show - The event showcased the talent and fashion sense of the participants, blending innovation with the latest trends. There are 49 participants .
- Foam Party : A Foam Party was organized. Participants indulged in a lively and energetic foam-filled party, dancing and celebrating.

Main events on 09-05-2023 are

- Meta verse Workshop : The Meta Verse Workshop explored the emerging technology of the metaverse, providing participants with a deep understanding of its concepts and potential applications. Rahul Eapen , Head of operations was the Mentor .
- Typing Competition : Participants engaged in a Typing Competition to demonstrate their typing speed and accuracy. This event aimed to encourage participants to enhance their typing skills .
- Laser Tag : The Techfest provided an exhilarating Laser Tag experience, where participants engaged in a friendly competition using laser guns and tactical skills. This event allowed participants to unwind and enjoy an interactive and thrilling gaming experience.

MECTROK

On May 8, 2023, and May 9, 2023, The Association of Resourceful Mechanical Students (ARMS) conducted MECTROK 2023 and became a part of the College Technical Fest VAIBHAV 3.0 at Universal Engineering College (UEC). There was technical and non-technical events that helped the students gain more knowledge about the world of engineering.

On May 8th, the first day of MECTROK started with an adventurous event called "THE BUGGY XTREME", which lasted all day. The event was coordinated by Judin Xavier and Ajay Manikandan.

Later afternoon an exciting event called "THE REAL STEEL", a robot fighting competition was held at the main block of our college. The first prize in this competition was won by Govt. Engineering College Sreekrishnapuram, Palakkad. The competition was coordinated by Vyshak Das and Arshad Ali. Other events on the same day are

- CAD WAR:- An event where students compete to demonstrate their excellence in CAD.
- BICYCLE THIEVES:- It was an event where participants fought against time to finish assembling a cycle.
- MACHINIST:- A lathe turning competition in which participants can demonstrate their skills in using a lathe machine.

On the second day of the fest, the main event of Mectrok "THE AUTO EXPO" where many cars and motorbikes were showcased. The event was coordinated by Akshay Rajesh.
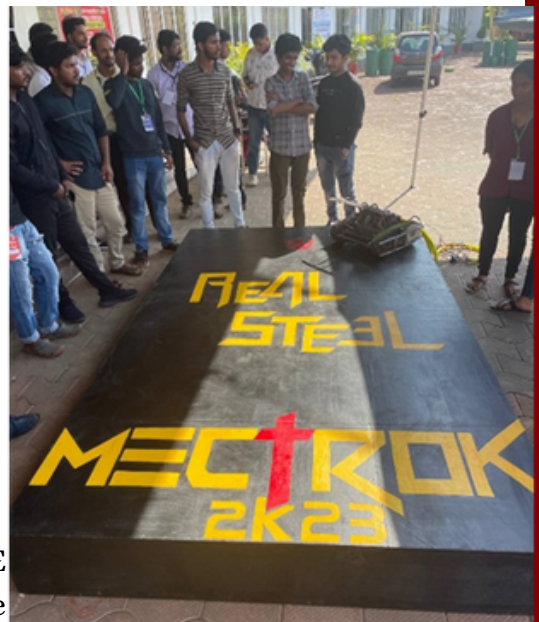
After the auto expo, the final event of the day BIKE STUND was performed by the team DFG STUNTS. On both days of the fest, there was an expo on engines and parts of various vehicles and weapons. It was coordinated by Yadhu Krishnan.

EGNIZITA

The much-awaited Tech Fest, EGNIZITA, organized in collaboration with Vaibhav 3.0, kicked off on Day 1 with a series of exciting events and activities.

Main events on 08-05-2023 are

- Tesla Show - The day started with a remarkable showcase of advanced technology in the form of the Tesla Show.Participants and spectators were enthralled by the display of cutting-edge innovations, demonstrating the potential of the Tesla brand. The show featured various Tesla models, highlighting their unique features and eco-friendly attributes.
- EV Expo - EV Expo showcased the latest advancements in electric vehicles (EVs). The expo aimed to create awareness and generate enthusiasm for sustainable transportation options.
- Robo Soccer - The Tesla association of the EEE Department brought an exhilarating competition to the Tech Fest with the Robo Soccer event. Teams of talented individuals had designed and programmed robots to participate in a thrilling soccer match.
- Mojito Fest - To add a refreshing twist to the day, EGNIZITA, in collaboration with Vaibhav 3.0, organized the Mojito Fest
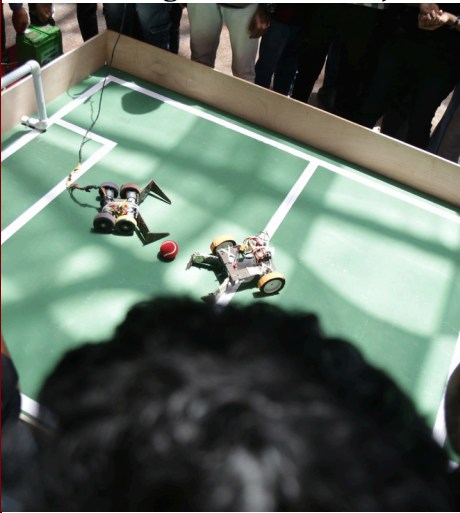
Main events on 09-05-2023 are

- Electrical Expo - The expo served as a platform for participants to showcase their latest electrical innovations, inventions, and projects.
- Tesla Coil - The Tesla Coil demonstration showcased the wonders of electricity and its potential for both practical and aesthetic applications.
- Mojito Ice Cream Fest
- Funny Games- The games included various challenges, quizzes, and interactive activities that aimed to tickle the participants' funny bones and create a jovial atmosphere.
- KALASHNIKOV Fireworks - The KALASHNIKOV fireworks showcased a mesmerizing array of colors, patterns, and designs, captivating the audience with their brilliance and beauty.
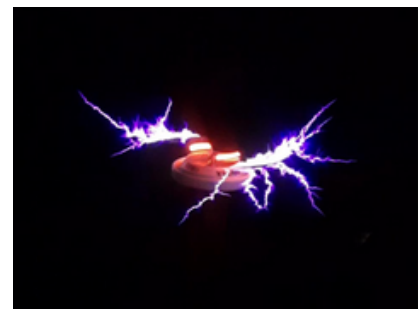
ELECTROFETE

The ECE department conducted "Electrofete-2023" Department level two day contest on 8th and 9th May 2023 with multiple technical and non-technical events. And it was held under VAIBHAV 3.0. Electrofete-2023 included various events like:

- Paper presentation
- Tech Quiz - The Tech Quiz was organized on 8th May 2023 by ECE department under the guidance of Asst.Prof.Chelsy Joy. It is a type of quiz that focused on testing the knowledge and understanding of technical subjects, such as science, technology and engineering fields.
- Soldering Competition - SOLDERING COMPETITIONwas a technical event conducted on 8th May2023 by ECE department under the guidance of Asst.Prof.Nidhin K V. It is a competition on hand soldering, which is a soldering method where soldering iron was used as the heater as well as flux containing solder wire.
- Circuit Debugging - CIRCUIT DEBUGGING was a technical event which will tests the ability of participants to find errors in circuits and correct them so that the required function is achieved.

- Neon Room - It was an ordinary classroom which was decorated by neon lights. And we also included some fun games inside it to make it more interesting.
- PS-4 Gaming Competition - It was a video gaming competition on SONY PlayStation 4. Each player must survive the knockout stages to win the match.
- VR Gaming - VR gaming systems generate realistic sensations that simulate users physical presence in a computer-generated environment.
- DJ event - The DJ Event was one of the main event that was conducted directly under VAIBHAV 3.0. The event was organized on 8th may 2023 by ECE Department under the guidance of Ass.Prof. Gayathri K K..
- BSNL Exhibition - The Exhibition stall by BSNL that was organized with the help of ECE Department. It helped the students to get more information about tele-communication process.
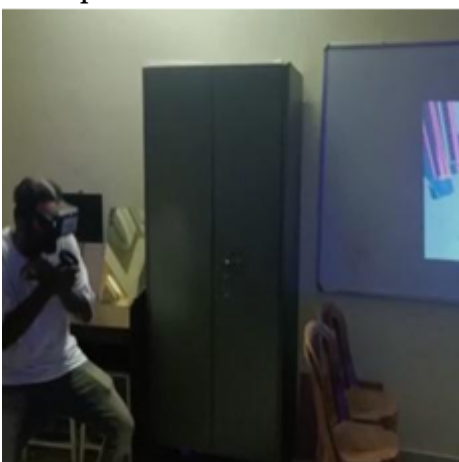
Universal Engineering College has launched an offline crash programme to crack the KEAM-23, at GLPS Chendrapinny today morning in collaboration with the Edathuruthi Grama Panchayat. It was inaugurated by Mr. T K Chandrababu, the President of the panchayat in the presence of their 'Vikasana Standing Committee Chairman Mr. Nikhil.

ISHRAE

Industrial Site Visit Conducted For ISHRAE Student Chapter Members of Universal Engineering College at Smart City, Kochi on 11th May 2023- Completed with exposure to Chiller Plant Room, Cooling Towers, and Fire/PHE Pump Room.ISHRAE Kochi Chapter programme coordinator Mr. Syed Nazif and UEC chapter coordinator Mr. Akhil Ramesh has coordinated the programme.

Workshop

Department of Civil Engineering in association with KEYWORDS TECHNOLOGIES conducted a workshop on career opportunities in steel structures using TEKLA SOFTWARE. The program aimed to spread awareness about this software and its scope in future to brighten students to mould a new world of innovations.Also it provided a proper guidence to the students who planned to seek a job soon after graduation.

Workshop

IQAC UEC has organized a one day workshop on CO PO PSO mapping and attainment calculation on 18-05-2023. The program mainly focused on an insight into NBA criteria wise process. The sessions were handled by Prof Imthiyas, Director Codespace technologies. Criteria coordinators were presented various criteria SAR reports.
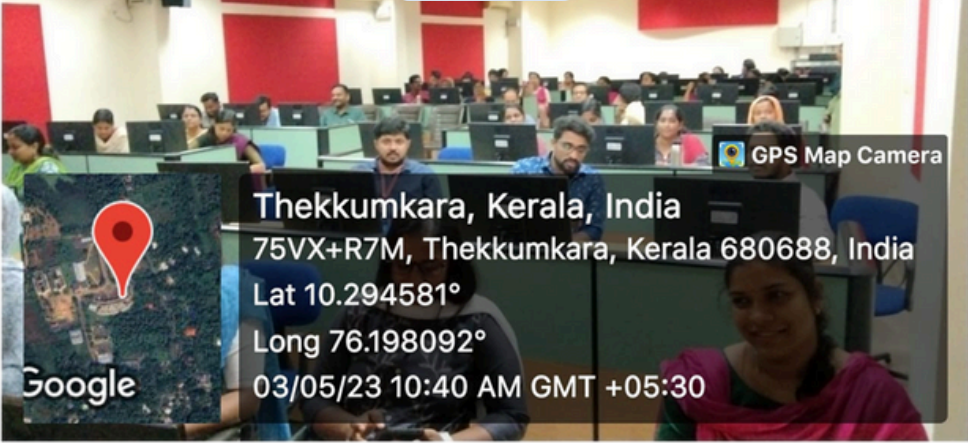
The faculty development program workshop on "Developing an IDP" was conducted on 3rd May 2023 at the Universal Engineering College. The program was designed to help the faculty members of UEC in developing an Institutional Development Plan (IDP) to enhance their professional growth and development. The resource persons are Dr. Mohan B Menon, (Former Director & Chief, UNESCO Education Programme for Palestine Refugees, Jordan; Deputy Vice Chancellor, WOU, Malaysia) and Dr. Shakila T Shamsu (Formerly OSD(New Education Policy) in the Department of Higher Education Ministry of Education and Advisor(Special) to CPPR).
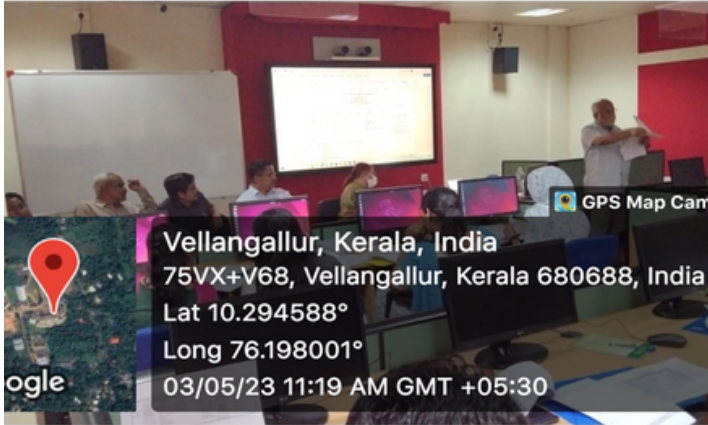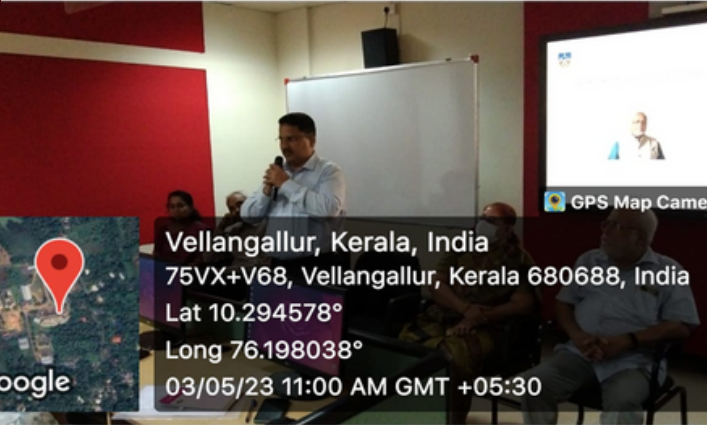
The workshop officially started with a welcome speech by principal, Jose K Jacob which set the tone for the rest of the workshop. The principal's address highlighted the importance of the workshop and its relevance to the institution's goals. Following this, the resource persons provided an overview of the faculty development program and an introduction to the objective of the workshop. The workshop had a well-planned schedule, which included small group discussions on various topics such as UEC Vision and mission, SWOT analysis, formulating strategic goals, and formulating strategic actions. These sessions provided a platform for the participants to collaborate, brainstorm, and develop their individual development plans.

College Visit

Paravur Vadakkekkara Muslim Jama-ath Mahall Cultural Forum Students wing (plus one-Plus two)visited our College.In the concluding session Sri K K AbdulRazak Work shop Superintendent delivered the welcome address.Principal Dr Jose k Jacob delivered the presidential address. Sri K M Ameer, President Vadakkekkara Muslim Jama-ath, Dr K K Narayanan HOD ASH, Sri Abdulmajeed Sectratary Mahallu cultural forum delivered the Felicitation address. Mr Clint Asst Prof ME led the Career guidance Seminar.Vote of thanks by Aswathy V S Lab Instructor. Head of the Departments- Dr Premsankar, Dr Joly miss, Dr Arun Pradheep, Dr Hari Narayanan were present in the function.

Workshop
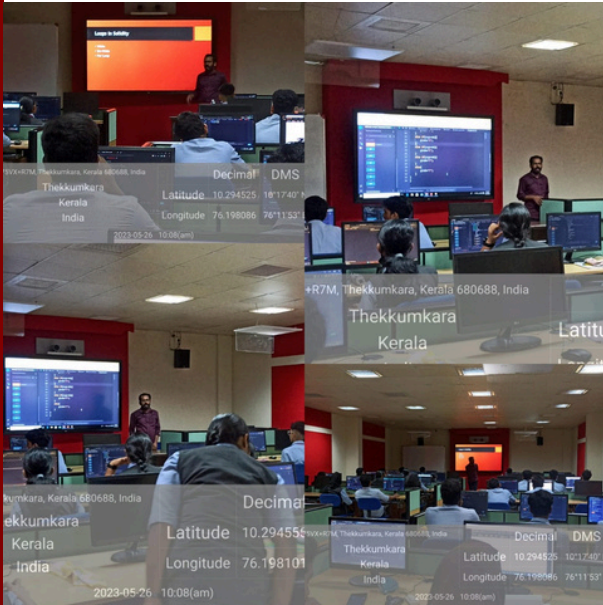
Department of Computer Science and Engineering in association with RACE and FOSS Club organized two days workshop on Block Chain Technology for S8 CSE students on 25-05-2023 and 26-05-2023. The session was handled by Dr. Jubilant, Er. Jerrin and Er. Hari from Saingits College of Engineering.

ADD ON COURSE

Department of Computer Science and Engineering in association with RACE organized 70 hours ADD ON COURSE on FULL STACK DEVELOPMENT WITH PYTHON for S4 and S6 CSE students. The Add On course provided by Cloud Innovations,Edappally
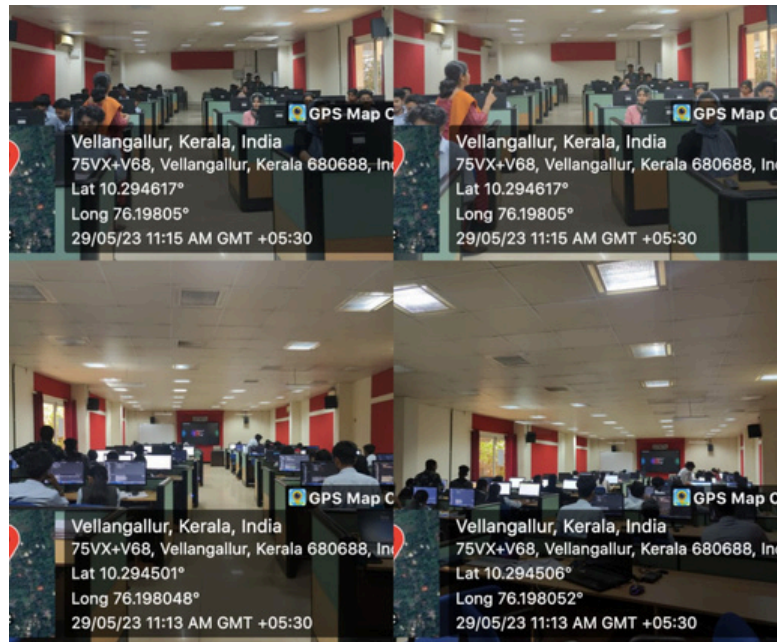
FACULTY ACHIEVEMENTS

Kabaddi Tournament

Department of Physical Education organised All Kerala Under 18 Kabaddi Tournament 2K23 on 27-05-2023.

Winners

1st Runners-up

2nd Runners-up

Best Player of the Tournamnet

Best Promising Player of the Tournamnet

NSS

As a part of international nurses day our NSS Volunteers distributed a small token of love to the nurses of CHC Perinjanam

NSS Volunteers of Unit 590 UEC celebrated the Mother's Day by distributing dresses to the mothers in and around Cancer Ward, Govt Hospital Irinjalakuda

NSS volunteers of UEC have started a project in association with Indian Railway at Irinjalakuda and Chalakudy stations. An orientation regarding the project was given by Mr. Prasoon, the Chief Commercial Inspector of Thrissur Railways. NSS volunteers of UEC started UTS App introducing campaign at Irinjalakuda and Chalakudy Railway Stations in association with the Indian Railway

Electrification 2k23

The EEE students of Universal Engineering College done free electrification to the house of C K Velayudhan, Ward No 18,Paingode. The switch on ceremony was done by Mukesh Mullasery, President, Vellangallur Grama Panchayat on 04-05-2023. Block Panchayat Vice President Unnikrishnan Kuttiparampil, Principal Dr. Jose K. Jacob, Dr. K K Narayanan, Head of Electrical Department Dr. Joly and Staff Coordinator Latha Thomas facilitated the occasion.

STUDENT ACHIEVEMENTS

Bhadra(S4 CSE) & Pavithra(s8 CE) parcipated in all Kerala chess Tournament & Ranked 13th & 15th respectively.

PLACED STUDENTS....