

## ASET Annual Report 2024-25

A Warm Good Morning to One and All.

Today, I am privileged to present before you a gist of major activities, achievements, developments took place in our college. As you are all aware, I joined as Principal of this institution in the month of July 2024 and prior to that I was the principal of NSS Engg.

College, Palakkad. The big eco campus here made a good impression during my visit to KTU Techfest in February 2024 and when I got a call from Chairman of Ahalia group, I decided to join as part of Ahalia campus.

Ahalia School of Engineering and Technology, established in 2012, briefly called as ASET is B++ by NAAC accreditation. The big campus, as you all have witnessed in all these years helped and gave confidence to management to host KTU Techfest in February 2024 when nearly 4500 students from all engineering colleges visited ASET for participating various competitions, project exhibitions etc. This technical event boosted the morale of our students, provided them avenues to showcase their skill and this was first of its kind post Covid 2019 .

The college added one additional course – B.Tech. Artificial Intelligence and Machine Learning in the academic year 2024-25 duly approved by AICTE and KTU and this course is much sought after by students nowadays. Though we are now NAAC B++ institution, the management wants to continuous upgradation in keeping with modern market demands, we are going ahead with NBA accreditation for two courses – B.Tech. ECE & B.Tech. CSE.

The preparations are in the final stage for submission. Also I am very delighted and proud to inform you that we have appointed 5 Ph.D scholars as faculty members in 2024 and one existing faculty, Dr. Aneesh S was awarded Ph. D in May 2024. We are the one and only private engineering college in the district of Palakkad with 14 Ph.D scholars as academicians. To motivate both our staff and students to excel and enrich academic excellence, every staff and student is motivated to NPTEL course and recently good number of them got enrolled and completed the course. 90 new Computers are purchased and we are establishing one additional computer lab to cater to need of B.Tech. AI & ML. NFE student chapter for ASET, the first of its kind in India, was inaugurated by Hon. Minister of Electricity on 26<sup>th</sup> October 2024. Shortly, NFE will establish a safety lab in ASET which has much industrial potentation. ASET added one additional building adjacent to this for dept. of CSE.



Come to Sports, we hosted University Kho-Kho Championship apart from regular region wise competitions, and three ASET students qualified for University team. We are building new facilities in Sports ground to encourage students and regular training in Cricket, Football and various disciplines are arranged and even trainers are hired for this purpose.

We hosted a number of FDP, workshops, Technical talks in 2024 and nearly one third of our faculty participated various FDPs organized in other institutions. The IEDC of ASET conducted various entrepreneurship oriented programs and hosted technical quizzes, hackathon regularly and good number of students are now part of IEDC activities.

From Academic year 2024-25, we are planning to impart training to ensure students get placement and well trained in personality development. This year we arranged training for

two batches and next year onwards, it will be compulsory for all batches. Also to take care of students' wellbeing in all aspect, counselling staff is appointed and permanently posed in the college. The councillor is instructed to interact students regularly and provide all help and assistance needed to remain cheerful. All eligible students in the recently passed 2020-24 batch got placed in various companies and Ahalia group also recruited a good number of them. The graduation ceremony was held on 15<sup>th</sup> August and Mr.Pankaj Vasisht, Chairman and Managing Director, Instrumentation Pvt. Ltd.was the Chief guest.

Our college has got maximum number of admission of first year students in the year 2024 since its inception in 2012. We understand the growing number of student strength increase our responsibility and we assure you that regular updation of facilities both infrastructure and academic oriented needs will be met. Both Onam and Christmas were celebrated in grand style, enjoyed by all our students.

Jan 2024-

- 1.) 'HEART'IFICIAL INTELLIGENCE: 29 NOV to 01 DEC'
- 2.) VALUE ADDED COURSES CIVIL DEPARTMENT
- 3.) TECHNICAL QUIZ COMPETITION ON RENEWABLE ENERGY SOURCES
- 4.) SELF DEFENCE WORKSHOP & GENDER EQUALITY AWARENESS
- 5.) "ADVANCED DESIGN CONNECTION & BIM WORKFLOW"
- 6.) ORIENTATION PROGRAM FOR UPSC CIVIL SERVICES EXAMINATION
- 7.) NATIONAL ENERGY CONSERVATION DAY CELEBRATION – OUTREACH
- 8.) NATIONAL ENERGY CONSERVATION DAY 2023 ASET GREEN9 ENSAV CLUB
- 9.) CAREER GUIDANCE TALK FOR THE STUDENTS OF CAREER GUIDANCE TALK FOR THE STUDENTS OF MECHANICAL DEPARTMENT
- 10.) JESCO POOLED CAMPUS PLACEMENT DRIVE AT AHALIA SCHOOL OF ENGINEERING AND TECHNOLOGY

Feb-2024-

- 1.) SETTING ARDUINO LAB AT KENDRIYA VIDYALAYA KANJIKODE
- 2.) BHAVIKA 2024
- 3.) IIC REGIONAL CONVENTION MEETING
- 4.) APJAKTU TECH FEST AND KETCON 2024
- 5.) Day 1 Inauguration
- 6.) \* QUIZ COMPETITION



- 7.) \* Winners of Paper Presentation
- 8.) \* Day 2 Inauguration
- 9.) \* Curtains down on Technological University TechFest
- 10.) ONE DAY FACULTY DEVELOPMENT PROGRAMME ON RESEARCH METHODS IN MANAGEMENT AND TEACHING TRENDS
- 1.)ALUMNI MEET Alumni Association meeting was conducted on 26-01-2024 at ASET, new office bearers elected
- 4.)IEEE STUDENT BRANCH MEETING
- 5.)IEEE STUDENTS BRANCH OF AHALIA SCHOOL OF ENGINEERING AND TECHNOLOGY CONDUCTS EXECUTIVE COMMITTEE MEETING
- 6.)NATIONAL MANAGEMENT DAY
- 7.)INDUSTRIAL VISIT
- 8.)LIFE SKILL TRAINING

March -2024-

- 1.) OUTGOING STUDENTS 2020 -24 BATCH
- 2.) Kerala Knowledge Economy Mission : DWMS Orientation Program
- 3.) "Tink-Her-Hack"
- 4.) 'Mera Pehla Vote Desh Ke Liye' Campaign
- 5.) One-Day Workshop Session on Hackathon Conducted by IEEE and WIE
- 6.) ASET – 'TUG OF WAR' Team 2024
- 7.) ASET SOCCER LEAGUE-SEASON 5
- 8.) Qspiders Campus Recruitment
- 9.) Staff Publication

April -2024-

- 1.) Achievements
  - \* Aswanth Krishna M & Vivek P V Placed in Turbolab
- 2.) ASET Activities
  - \* CAPACITY BUILDING PROGRAM
  - \* CURRICULUM VITAE PREPARATION TECHNIQUES
  - \* THANIMA 2023 – 2024
  - \* 2024 ANNUAL ATHLETICS MEET
  - \* INTERNATIONAL WATER SUMMIT
  - \* 2024 NEET/KEAM COACHING

### 3.) FACULTY PUBLICATIONS

\* Dr. Krishna Kumar Kishor, Executive Director – Ahalia Academics, Vice Principal – Ahalia School of Engineering and Technology Authored the book titled, " A Beginner's Guide to Signals & Systems",published by



Amazon.

May -2024-

1.) ASET Activities

- FREE CAPACITY BUILDING PROGRAMME FOR SCHOOL TEACHERS
- THREE DAY HANDS ON WORKSHOP ON "FUN WITH ELECTRICAL & ELECTRONICS
- ONE DAY WORKSHOP FOR NSS UNITS OF APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
- ASET PREMIER LEAGUE (APL) SEASON 5
- WATER CONFERENCE 2024
- " AMMAYUDE THANALIL"
- VIJAYOTSAV WINNERS' RENDEZVOUS 2024

June-2024-

- 1.) WINNERS RENDEZVOUS 2024
- 2.) WORLD ENVIRONMENT DAY 2024
- 3.) NINAM 2024
- 4.) YOGA FOR SELF & SOCIETY
- 5.) IFET COLLEGE OF ENGINEERING, VILLUPURAM, VISITED AHALIA ALTERNATE ENERGY
- 6.) CAPACITY BUILDING TRAINING PROGRAMME FOR SCHOOL TEACHERS & FUN  
WITH ELECTRICAL & ELECTRONICS featured on the UNNAT BHARAT ABHIYAN social media handle.
- 7.) WORLD ENVIRONMENT DAY CELEBRATION AT ASCM

July -2024-

- 1.) CERTIFICATE OF APPRECIATION  
\* Certificate is awarded to in appreciation of the efforts as career ambassador in implementing the  
"Connect to Campus" programme held at Ahalia School of Engineering and Technology.
- 2.) NSS Orientation Class for 2023-27 Batch
- 3.) NSS NATIONAL INTEGRATION SELECTION CAMP
- 4.) WORKSHOP ON MICROPROCESSOR
- 5.) ALUMNI REMINISCENCE

August-2024-

1.) ASET Activities

- \* PHOTOGRAPHY COMPETITION WINNERS
- \* GRADUATION DAY 2024
- \* ONE DAY TRAINING PROGRAM ON AUTOCAD
- \* INDEPENDENCE DAY CELEBRATION 2024
- \* NATIONAL SPACE DAY 2024
- \* BASIC COMPUTER SKILLS
- \* INDUSTRIAL VISIT TO ITI Ltd., PALAKKAD



- \* A SESSION ON PROJECT BASED LEARNING PROCESS
- \* INAUGURATION OF EEE DEPARTMENT ASSOCIATION "ILLUMINATORS"
- \* ONE DAY WORKSHOP ON SOLDERING PRACTICE
- \* INDUSTRIAL VISIT TO MEENVALLOM HYDROELECTRIC POWER PLANT
- \* DIGI KERALAM TRAINING FOR VOLUNTEERS
- \* KARGIL VIJAY DIVAS
- \* RUDHIRASENA ORIENTATION
- \* NSS VOLUNTEERS SECRETARY MEET
- \* NASHA MukT BHARAT ABHIYAN
- \* WAYANAD DISASTER FLOOD RELIEF CAMPAIGN
- \* SANJEEVANAM 4.0
- \* NATIONAL INTEGRATION CAMP 2024
- \* ALUMNI REMINISCENCE

September -2024-

#### 1.) ACHIEVEMENTS

Mr. Aneesh K, Assistant Professor in ECE department has awarded PhD in Electronics & Communication Engineering (Title: "Design and Analysis of 8 bit successive Approximation ADC for biomedical applications") from Karunya University, Coimbatore on April 2024

#### 2.) CHESS TOURNAMENT

#### 3.) ASET Activities

- \* NATIONAL SPORTS DAY 2024 CELEBRATION : MINI MARATHON
- \* "ERFINDERS" ECE DEPARTMENT ASSOCIATION INAUGURATION
- \* CIVIL ASSOCIATION DAY CELEBRATION – "STHAPATYA"
- \* ECE STUDENTS VISIT TO FCRI KANJIKODE
- \* ECE STUDENTS VISIT TO FCRI KANJIKODE
- \* INDUSTRIAL VISIT TO MEENVALLOM HYDROELECTRIC POWER PLANT
- \* WORLD ENTREPRENEUR'S DAY
- \* PAKITTU" ONAM CELEBRATION 2024
- \* STUDENT INDUCTION PROGRAM 2024
- \* Induction Program 6th Sep 2024
- \* TECHNOCRATZ ASSOCIATION INAUGURATION
- \* SEMINAR ON "INTRODUCTION TO IELTS"

#### 4.) NSS Activities

- \* LUCKY DRAW
- \* NSS DAY CELEBRATION



## 5.) DIGI KERALAM SURVEY

Oct-2024-

### 1.) Faculty Publications

- \* Chemistry for Engineer's text book has been published by Mr. Basil Baby, Asst. Prof - H&S Department .

### 2.) ASET Activities

- \* Orientation and Workshop on Building Information Modelling (BIM)\*
- \* Mechanical Department IV at CIPET palakkad on 25-10-24
- \* Freshers' Day 2024
- \* Leveraging LaTeX for Document Preparation
- \* IEDC Orientation Session For Freshers
- \* Placement Training Program Form 1-5 October 2024
- \* Mechanical Engineering Department Association Day (ARME)
- \* MOU Signing between Ahalia International Foundation and ASAP
- \* Learn the art of report writing with latex overleaf
- \* Seminar On Project Documentation Using AI Tools
- \* IEDC Summit '24 at NIT Calicut
- \* Student chapter of National Federation of Engineers for Electrical Safety
- \* Orientation Session "Breast Cancer & Cervical Cancer Awareness"
- \* Bhakshyadhara
- \* Write a letter to friend
- \* Rudhirasena Portal Registration
- \* Mega Cleaning Campaign
- \* Mega Cleaning Drive at Ahalia Campus
- \* Swachhta Hi Seva Walkathon, Human Chain
- \* Swachhta Samvad

November-2024-

### 1.) ASET Activities

- \* One Day National Seminar On "IoT in Medical Applications"
- \* From Circuits to Careers: Exploring Opportunities In Electronics and Embedded Systems
- \* Technocrat's Coding Club Quiz Competition – Code Crusade
- \* NFE & ASET Forge Partnership For Electrical Safety
- \* From Ideas To Impact:
- \* Inauguration of IETE Student Chapter (ISF)
- \* Mathematical Software For Engineers : An Introduction to MAXIMA Software
- \* Orientation Programme On Advanced Skill Development Courses
- \* Technical Orientation Program : Earthing Systems & Codes
- \* Combating Violence Against Women
- \* MoU Signed
- \* CSE Newsletter Released

### 2.) SPORTS Activities



\* APIAKTU E-Zone Kho-Kho Championship (Men& Women)

\* ASET Football Team

\* Aset Men Chess Team

3.) NSS Activities

\* Road Safety Awareness & Volunteering E Zone Kho Kho

4.) Special Registration Drive & Orientation On My Bharat Portal

5.) CBSE State Kalotsav

6) Manass nannavatte

7.) Janma

8.) Rashtriya Ekta Diwas Pledge

9.) Constitution Day

10.) Staff and Student Publications

\* Journal Publications: 1. Amith Mathew Titus, Manukuttan P, Mohamed Afran, Vignesh V, Dr. V. Balamurugan,

Asha Arvind, paper titled, "Robust Analytical Vehicle For Exploration and Navigation (Raven)" International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 163-167.

2. Arya A, Megha P, Shijila S, Sreelakshmy M, Dr. V. Balamurugan, Swetha C paper titled, "Railway Track Crack Detection Robot" International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 175-179.


3. Abdul Siya Salim, Dhakshayani V.R., Rahna A, Sruthika S., Dr. V. Balamurugan, Dr. Aneesh

K, paper titled , " Designing Low Power Double Tailed Comparator For ECG" , International Journal of Engineering Applied Sciences and Technology, 2024 Vol. 9, Issue 05, ISSN No. 2455-2143, Pages 168-174.

\* International Conference Publication: Joel T Aju, Dr.V.Balamurugan , paper titled, A comprehensive survey on Extrative and

Abstrative Text Summarization Approaches Evaluation Techniques and Engineering Technologies" in the 4th ACE international Conference on Applied Science ,Engineering ,Technology and Management -AICASETM'24 organized by Alpha College of Engineering on May 3,2024.

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