ASET NEWS

AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY

Vol. 4 Issue: 3

MISSION

To impart value-based education & promote academics, research, consultancy, co-curricular & extra curricular activities amongst students through extensive theoretical & practical training by qualified & experienced personnel using state-of the-art infrastructure.

VISION

The vision of the Institute is to transform students from all walks of life to knowedgeable, skilled, ethical and moral professionals with competence, commitment and confidence to conquer the professional world.

AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to A.P.J Abdul Kalam Technological University

Ahalia Health Heritage & Knowledge Village, Palakkad - 678557 Ph : 04923 - 226666 www.ahalia.ac.in

MESSAGE

I am happy to note that the new edition of ASET NEWS is being published by the editorial team of the Ahalia School of Engineering and Technology. A knowledge explosion is being ushered in our midst, especially in Engineering and Technology. We are working with a vision to bring progressive changes in Science, Engineering and Technology for the prosperity of our country. The joy and experience shared in our campus ensure the growth and development of the overall personality of all the students and staff alike. It is great to notice interesting events taking shape frequently at our campus. All of us are equally delighted to witness the happenings of significant events and tremendous achievements. I wish to record my hearty congratulations to those who have brought laurels to the institution and I appreciate all of you for working together as a team. I am sure, it is just a beginning and there is lot more to be happening. Go ahead and continue the good work. I wish you all the best for achieving greater success and scaling newer heights. It is pleasure to present this latest newsletter of our college. The ways we teach and the ways our students learn are unique and creative. Consistently, we look into our deficiencies and transform us to an efficient builder of social change. Many critics would confirm that the college has substantially contributed to the process of National Development by providing quality education and thereby enabling the students to become globally competent engineers. Education is not an act, but a process of growth. We have excelled in every initiative that we undertook and we have stood together in facing the challenges in realizing quality education. I take this opportunity to congratulate our students, who secured 15 ranks of the University last year, including the First Rank.

DR. P.R. SREEMAHADEVAN PILLAI
Principal, Ahalia School of Engineering & Technology,
Director, Academics, Ahalia Group

TWO-DAY WORKSHOP ON
ANDROID DEVELOPMENT

The CSE department arranged a two-day (13/11/18 and 14/11/18) workshop on android. The workshop was attended by 22 students of 7th semester CSE. The workshop was conducted by Mr. Harikrishnan and Mr. Sachin Giridhar of Phacsin, Malappuram.

ASET PREMIER LEAGUE
INAUGURATION

Dr. P. R. Sreemahadevan Pillai inaugurated the ASET Premier League Cricket Tournament on 19 February 2019.

ASET SOCCER LEAGUE
INTRAMURAL COMPETITION

ASET SOCCER LEAGUE (ASL), the biggest intramural sports festival of Ahalia Health, Heritage and Knowledge village was conducted by the Ahalia School of Engineering and Technology. The football league is conducted in the format of Indian Super League. As it is the maiden season, the ASL committee identified 8 icon players based on the previous match experiences and these players along with their team mangers registered their teams. Through open player registration, more than 120 students from Ahalia School of Engineering and Technology registered as players for the league.

UNIVERSITY OF CALICUT B.TECH RANK HOLDERS LAST YEAR

1ST RANK

Ms. Saranya R secured First Rank of the University of Calicut for B.Tech. Civil Engineering branch from 2013-17 batch.

MS. SARANYA R

Ms. Darsana R
4th Rank

Mr. Dipu M
16th Rank

Ms. Aishwarya N
18th Rank

Ms. Nimisha K
21st Rank

Ms. Haritha P
23rd Rank

Ms. Sini George
25th Rank

Ms. Keerthi S
25th Rank

Ms. Harsha M
30th Rank

Ms. Soumya S
33rd Rank

Ms. Sreepriya V
36th Rank

Ms. Javishnna S J
46th Rank

Mr. Praveen C
48th Rank

Mr. Sajin R
51st Rank

Mr. Vishnu P Kumar
60th Rank

GREEN 9

ENSAV CLUB

Green 9 EnSAv club - EEE Department was inaugurated on February 19, 2019 at ASET and a one day workshop was also conducted on Energy Auditing & Procedures for the 2nd, 3rd and 4th year students of EEE Department.

AHALIA PALAKKAD

ISTE CHAPTER INAUGURATION

Ahalia Palakkad ISTE Chapter at Ahalia School of Engineering and Technology, Palakkad was inaugurated by Dr. E. Balagurusamy, former member, Union Public Service Commission and former Vice Chancellor, Anna University, on 2nd February 2019. It was presided by Dr. P. R. Sreemahadevan Pillai, Principal, ASET & Chairman, ISTE Chapter. Dr. Krishna Kumar Kishor, Vice-Chairman, Dr. G. Murugananth, Secretary & Treasurer, Ms. Akhila Krishnan, Joint-Secretary, ISTE Chapter and HODs of various departments addressed the gathering. Dr. Shiji S delivered a lecture on "Techniques to Improve Student Communication Skills".

GUEST LECTURE ON

QUALITY FUNCTION DEPLOYMENT (QFD)

Department of Mechanical Engineering organized a guest lecture on Quality Function Deployment (QFD) for the Mechanical engineering students of 7th and 5th semesters on 14 November 2018 at Ahalia School of Engineering and Technology. The Speaker for the lecture was Dr. Pramod V. R., Professor, Department of Mechanical Engineering, NSS College of Engineering, Palakkad. In his lecture Dr. Pramod V. R. discussed the history of the QFD, processes of QFD and benefits of QFD. He also explained the types of tools that are used in QFD with examples of successful QFD implementation.

HANDS-ON TRAINING ON SOLDERING TECHNIQUES

BY DR. KRISHNA KUMAR KISHOR

Department of Electronics and Communication Engineering of Ahalia School of Engineering and Technology, Palakkad organized a hands-on training on "Soldering Techniques" on 25th January 2019. The Program was inaugurated by Dr. P. R. Sreemahadevan Pillai, Principal, Ahalia School of Engineering and Technology and Director, Ahalia Group of Institutions. The session was handled by Dr. Krishna Kumar Kishor, Associate Professor, ECE and Asst. Director, Ahalia Group of Institutions.

CONGRATULATIONS,

MR. SHAHIR MUBARAK M

Mr. Shahir Mubarak M of final year Electronics and Communication Engineering, secured third place in the Technical Poster Competition on Antennas for Space Applications jointly organized by IEEE Antennas and Propagation Society (APS), Kerala chapter, Indian Institute of Space Science and Technology (IIST), IEEE student branch, IIST and IEEE APS student branch IIST, on 12 November 2018 at IIST, Thiruvananthapuram.

FACULTY DEVELOPMENT PROGRAMME ON

NUMERICAL LINEAR ALGEBRA & PARTIAL DIFFERENTIAL EQUATION

APJ Abdul Kalam Technological University sponsored three-day Faculty Development Programme (FDP) on "Numerical Linear Algebra and Partial Differential Equation". The Department of Science and Humanities, Ahalia School of Engineering and Technology organized the FDP. This FDP provided state-of-the-art research on Numerical Linear Algebra and its applications in engineering. Hands on MATLAB session was also conducted for the participants. Dr. Binoy Balan K Coordinated the FDP. 12 delegates from other engineering colleges in Kerala and 18 internal participants attended the FDP. The talks were handled by eminent resource persons from IIT, NIT and other reputed institutions.

APPLICATIONS OF DEEP LEARNING

Deep learning is a subdivision of machine learning in Artificial Intelligence (AI) that has networks which are capable of learning unsupervised from unstructured data. Deep learning is also known as Deep Neural Learning (DNL) or Deep Neural Network (DNN).

It's predicted that many deep learning applications will affect our life in the near future. Actually, they are already making an impact. Within the next five to 10 years, deep learning development tools, libraries, and languages will become standard components of every software development toolkit.

Application of deep learning is excitement around artificial intelligence & machine learning at the moment.

- Business person - how can it make my company money, save costs, increase margins, find new markets or opportunities.
- Marketing person - find new markets, target within markets, increase effectiveness of marketing, personalization.
  Product person - enhance products or even create new products with AI and Neural Network. (NN) at its core.
- Data person - analyze massive quantities of data to find trends and predictors, and develop new models for any industry
- Developers & engineers - ultimately there will be demand from so many industry sectors to utilize deep learning: incorporating it into platforms will be required even if you're not involved with creating, researching, or refining the deep learning systems themselves
- Academics - refinement of existing models, creation of new models, algorithm development, and more intelligent neural networks are forthcoming and there's a wide open arena of opportunities for academics to help progress DNN and AI.

Dr. V. BALAMURUGAN
PROFESSOR & HEAD
DEPT. OF ECE, ASET

START UP INDIA

STAND UP INDIA

Aysha Thahsin. Z, Computer Science and Engineering Dept., ASET

AYSHA THAHSIN

Entrepreneurship and startups are only a recent phenomenon in the country. It is only in the last decade and half that people in the country have moved from being job seekers to job creators. Having a brilliant idea is different from making that idea a business success. For a startup, it is very important to have mentors who have been through a similar process of starting or have business experience.

India, with over a billion people, present a very large home market for any goods or services. Startups that look to service and cater to the large population in solving a pain point or providing a utility in one of the world's most important consumer markets, stand to do well. Government is the single largest enabler for the entrepreneurial ecosystem. Government's role in ease of doing business and helping companies start is vital to ensuring success. Capital and access to capital has been a perennial problem for startups. While, of late, angel investors, venture capital and private equity have brought succour to some extent; a large number of startups still grapple to raise funds from institutional setup.

Start up India, stand up India scheme is a mission launched on 16th January 2016 by the Modi government. This is a most effective campaign which will create more job opportunities to the Indian youth. It was launched to promote the bank financing for starting business by the youth (especially women, Dalit or Adivasi).This scheme will directly help people in opening their own successful entrepreneurship. There is no growth in the country without innovations and new opportunities for the youth. The complete action plan of this campaign has also been launched on 16th January by the government. This initiative has been planned to bring positive changes according to the need of development in the country. It will help our country to show the talent of youth through their innovative businesses all across the world. There is facility of incentives for manufacturing units to generate more jobs. Such initiatives are warm welcomed as they are very necessary to enhance the economic growth, betterment of people's lives and making India a developed country.

This programme is a big help to all the talented startups to look so far to lead India. This scheme will boost entrepreneurship in the country at grassroots level ensuring youth benefits from the lowest strata of society. Youths have fresh mind, new ways, and new thinking so they are better to support as startups. Various IITs, NITs, central universities and IIMs of India were connected through the live connectivity during the successful launch of campaign. The main aim of this scheme is to promote bank financing as well as offer incentives for start-up ventures to boost the entrepreneurship and new job creation techniques among them. This initiative is the necessity to lead India in right direction. The most important point about this campaign is that it involves youths of the country as start-ups as they have fresh mind, innovative ideas, required strength, energy, skill, and new thinking to lead business. Youths are the energetic and highly skilled section of the society & they are better target for this campaign.

India is at crossroads where it now has to cater to the aspirations of over a billion people. Existing frameworks can prove to be inadequate and there is a great need to leverage over billion minds and become a global power. Hence the best way forward is becoming a knowledge superpower.

HIGHER SECONDARY SCHOOL TEACHERS HONOURED BY AHALIA GURUVANDANAM 2019 AWARDS

Prof. C. Somasekharan
Former Principal, NSS College of Engineering, Palakkad

Mrs. Aniamma Joseph
St. Ann's Senior Secondary School, Palakkad

Dr. Fahad K.H.
Darunnajath H.S.S., Mannarkkad

Mr. Balasubramanian K.
BSS Gurukulam H.S.S., Alathur

Mr. Pradeep Kumar
G.H.S.S., Kumarapuram

Mr. Pramod M. K.
Govt. Moyan Model Girls H.S.S., Palakkad

Mr. Ranjeev N. R.
St Paul's H.S.S., Kozhinjampara

Mr. Suresh Kumar
Carmel CMI H.S.S., Shoranur

Mrs. Divya C.D.
Sree Narayana Public School, Elappully

Mrs. Girija Raja
Ahalia Public School

Mrs. Jani C.V.
MES English Medium H.S.S., Olavakode

Mrs. Jijimol G.
Holy Trinity School, Kanjikode

Mrs. Jyothilakshmi T.K.
Sree Narayana Public School, Elappully

Mrs. Kusumam Joseph
Railway H.S.S., Railway Colony

Mrs. Meera M.S.
Bhavan's Vidya Mandir, Chithali

Mrs. Pushpaja Menon
Vijayamatha Convent H.S.S., Chittur

Mrs. Ranjini Kuruppath
Ahalia Public School

Mrs. Remya B. P.
Sree Narayana Public School, Elappully

Mrs. Resmi R.
G.H.S.S., Kannadi

Mrs. Rugmini Menon K.
Kendriya Vidyalaya, Kanjikode

Mrs. Sajna Raj K.
Bharathamatha H.S.S., Palakkad

Mrs. Sareena Haneefa K.
G.H.S.S., Mundur

Mrs. Sheeja Menon
Palghat Lions School, Palakkad

Mrs. Sheeja P.
MES English Medium H.S.S., Olavakode

Mrs. Uma S.
Chinmaya Vidyalaya, Pallavur

Mrs. Varadha K.
Bhavan's Vidya Mandir, Chithali

Mrs. Padmasree Radhakrishnan
Assisi English Medium H.S.S., Kanjikode

TECH FEST

ZAAGA 2K19

AHALIA
ZAAGA
TECH FEST OF AHALIA SCHOOL OF ENGINEERING | 2K19
1st, 2nd & 3rd MARCH 2019

AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY

(ISO 9001:2015 Certified Institution) Approved by AICTE & Affiliated to A. P. J. Abdul Kalam Technological University
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INSTITUTIONS IN AHALIA CAMPUS

AHALIA FOUNDATION EYE HOSPITAL

AHALIA AYURVEDA MEDICAL COLLEGE HOSPITAL

AHALIA DIABETES HOSPITAL

AHALIA WOMEN & CHILDRENS HOSPITAL

AHALIA MEDICINE MANUFACTURING UNIT

AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY

AHALIA SCHOOL OF PHARMACY

AHALIA SCHOOL OF MANAGEMENT

AHALIA PUBLIC SCHOOL

AHALIA HERITAGE VILLAGE

AHALIA CAMPUS AT A GLANCE

- Center for Career Development
- Center for Research and Industrial Collaboration
- Entrepreneurship and startup programs
- Motivated and enthusiastic resident faculty
- Guest faculty from IITs, IIMs and foreign universities
- Attractive scholarships for meritorious students
- 8.4 MW wind and rainwater harvesting projects (8 time PCB award winner)
- Hostel (separate for boys and girls) and transportation facilities available
- Sports, Nature and Arts clubs for student and faculty
- Medical, banking, restaurant and shopping facilities
- IIT - Palakkad is located in Ahalia Campus
- Assured placement programs in Ahalia Group (India and abroad)
- Excellent academic results and placements (highest offer: 9 l.p.a)
- 12th position in University results

FOR ADMISSIONS : 9447721311, 9544112121, 04923-226666

AHALIA HEALTH, HERITAGE & KNOWLEDGE VILLAGE

Ahalia Campus, Palakkad, Kerala - 678557

www.ahhkv.org www.ahaliagroup.com

COURSES AT AHALIA INSTITUTIONS

MBA B.TECH. B.PHARM. BAMS DNB B.Sc OPTOMETRY
M.Sc OPTOMETRY B.Sc MLT LKG - XII DIPLOMA COURSES