

Students & Faculty Achievements

- Project entitled "Braillex- a cheap Braille printer from scrap dot matrix printer" guided by Dr. Suresh P and Mr. Jinesh K J, Asst. Professor, ECE won first prize in the Manorama Yuva Master Mind Competition held at Younus Convention Centre, Kollam from 08/01/2018 to 10/01/2018. First Prize comprises of Memento and cash prize of 1 Lakh Rupees.

Student Members are:

- Mr. Palatty Jeswin Joseph, S6 ECE
- Mr. Pranav V, S6 ECE
- Ms. Shruthi Chandran, S6 ECE
- Ms. Varadha N, S6 ECE
- Mr. Bernaud K B, S6 ME

- Project entitled "Smart medicare" guided by Mr. Jinesh K J, Asst. Professor, ECE won first prize for the best hardware project at TEKON- KTU Techfest held at Sahradaya College. Student Members are: Disni Jose, Anjana K.P., Blessy Babu.

- The following students of S8 ECE have been placed in Sutherland Global Ltd. through Campus placement drive held at JECC on 01/02/2018.

Gokul P., Harsha R., Athira S Pillai

- Project proposal entitled 'Smart Medicare' guided by Mr. Jinesh K J, AP ECE has been provisionally approved for a financial assistance of Rs. 6,500/- under INNOVATE Scheme of KSCSTE-2018.

Team Members

- 1) Disni Jose S5ECE, 2) Anjana K P S5 ECE
- 3) Blessy Babu S5 ECE, 4) Prasobh K P S3 ECE
- 5) Olivia Nelson S3 ECE

- Sooraj O R and Namboodiri Swathi Vasudevan of S6 ECE of Jyothi Engineering College, Thrissur has won a grant of Rs 30,000 as part of Idea day presentation held at IIM Calicut on 5th February 2018 organised by Kerala Startup Mission. The idea presented was 'EXTRA HOME SECURITY SYSTEM' which mainly concerns about the security of home. The idea was presented in front of a panel of experts and was appreciated by the officials. More than 300 Ideas were presented and 20 ideas were sanctioned for the grant.

- Project proposal entitled 'Smart Medicare' guided by Mr. Jinesh K J, AP ECE won the HATCHER -'18. : NeST Sponsored Prize for best Hardware Projects.

Team Members

- 1) Disni Jose S6 ECE, 2) Anjana K P S6 ECE
- 3) Blessy Babu S6 ECE, 4) Prasobh K P S4 ECE
- 5) Olivia Nelson S4 ECE

- Adarsh K U, Aiswarya Paulson, Joshua Jolly, Albin Anto & Jissa Mariya guided by Ms. Sindhu S, presented paper titled " Privacy Enhancement Biometric Vein Pattern recognition System" at KETCON, held at Sahrydaya College of Engineering from 22/02/18 to 25/02/18.

- Ms. Shiny M I published a paper titled, "LFSR Based secured Scan Design Testability Techniques", in Procedia Computer Science (Elsevier) 2017, vol. 115, pp 174-181.

- Ms. Bindhu K Rajan & Ms. Anjitha V, Asst. Professors, published a paper titled " Braille Code conversion to Voice in Malayalam" in IEEE Digital Xplore 2018.

- Paper titled "Light Field Imaging:- A Comparative Study of Plenoptic Image Compression Techniques." by Ms. Sneha Pauly (S2 M.Tech ECE) and Ms. Bindhu K Rajan, AP ECE has been accepted for presentation in the IEEE International Conference on Control, Power, Communication & Computing technologies ICCPCCT 2018 at Vimal Jyothi Engineering College Kannur.

- Mr. Jinesh K J Asst. Professor, participated in Manorama yuva master mind 2018 held at Kollam on 09/01/2018 & 10/01/2018. Jinesh K J and Bindhu K Rajan attended centralised valuation camp at NSS on 18/01/2018.

1) Academic Status Report attached								
2) Date(s) of conduct of Staff meeting								
16/02/2018								
Result Analysis (if any)								
						Semester	Total Pass %	
						S6(A & B)	46.67	
						S6 A	46	
						S6 B	47.27	
S6 ECE A								
Subj. Code	EC146 01	EC146 02	EC146 03	EC146 04	EC146 05	EC460 6	EC146 07P	EC146 08P
Pass %	60.00%	62.00%	50.00%	64.00%	64.00%	50.00%	96.00%	100%
S6 ECE B								
Subj. Code	EC146 01	EC146 02	EC146 03	EC146 04	EC146 05	EC460 6	EC146 07P	EC146 08P
Pass %	89.09%	74.55%	54.55%	83.64%	60.00%	85.45%	83.64%	100%
S6 ECE (A & B)								
Subj. Code	EC146 01	EC146 02	EC146 03	EC146 04	EC146 05	EC460 6	EC146 07P	EC146 08P
Pass %	74.55%	68.28%	52.28%	73.82	62.00%	67.28%	89.82%	100%

Activities

- Project titled " Privacy Enhancement Biometric Vein Pattern recognition System" by Adarsh K U, Aiswarya Paulson, Joshua Jolly, Albin Anto & Jissa Mariya guided by Ms. Sindhu S, has been selected for presentation at KETCON, to be held at Sahrydaya College of Engineering
- Thejus Tony, Ritta Joy, Nima Joshy and Nikeeta Saji presented a paper entitled "Deafado - a friend in need" at TEKON- KTU Techfest held at Sahradaya College
- The following students of S3 ECE have been qualified the level 1 of Cambridge English Language Assessment (BEC) on 16/03/18:
- The students participated in Internet of things(IOT) Workshop held at NIT on March 3rd & 4th are:
- The students participated in Internet of things(IOT) Workshop held at NIT on March 3rd & 4th are:
- The students participated in Internet of things(IOT) Workshop held at NIT on March 3rd & 4th are:

Placement-2014-18 Batch		
1	IBS SOFTWARE SERVICES	4
2	AMAZON	54
3	EXPERION TECHNOLOGIES	2
4	POORNAM INFOVISION	4
5	KPIT TECHNOLOGIES	3
6	SUTHERLAND GLOBAL SERVICES	40
7	IMAGE INFOSYSTEMS	1
8	HINDUJA GLOBAL SERVICES	136
9	VEE TECHNOLOGIES	4
10	SUPPORTSAGES	4
11	BELL TECHNOLABS	3
12	OBM WORLDWIDE TECHNOLOGY SERVICES	2
13	FIJOS ENGINEERS & ARCHITECTS	1
14	FEDERAL BANK	2



Jyothi Engineering College

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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 Asst. Managers: Rev. Fr. Roy Joseph, Vadakkan, (Academics and Admin.) Rev. Fr. Joju Chiriyankandath (Finance & PRO)
 Principal: Fr. Dr. Jaison Paul Mulerikkal, Administrator: Er. Thomas Mathew, Asst. Administrator: Er. Bobby Peter & Prof. Francis George



JANUARY 2018 BOOK 10 ISSUE 1



Christal Jubilee celebration of Jyothi Engineering College was inaugurated by Padmashree Bharath Suresh Gopi MP, presided by Mar Andrews Thazhath, Archbishop, Trichur Archdiocese on 17th March 2018.



IEEE - IAS Student branch and AEEE inauguration was conducted on 02/02/2018. Chief Guest: for the function was Er. S. Jayakrishnan, IRSEE, Senior Divisional Electrical Engineer, (Traction Distribution), Southern Railway, Palakkad Division.

TOPPERS



Archana Venugopal Jisna Joby Jerin Reji



Mariya Rose Bhavya Haridas Anagha



Albin Joy John Jose Snija Joy



Albin Joy John Jose Snija Joy

PAPER Presentations

1. Arjun T B, Atul K P, Ajay P Muraleedharan, Albin Walton P and Bijinraj P.B presented a conference paper on Study and Analysis of Brown Gas in Internal Combustion Engine, National Conference Technological Advanced Engineering (NCTAE), Sree Narayana Guru College of Engineering & Technology, Kannur, 16-17 March 2018 under the guidance of Mr Arun Raj A, Asst. Professor, ME dept.
2. Arjun T B, Atul K P, Ajay P Muraleedharan, Albin Walton P and Bijinraj P.B presented a conference paper on A Review on Analysis of HHO Gas in IC Engines, National Conference on Recent Trends in Engineering Govt Polytechnic College Kasargod. under the guidance of Mr Arun Raj A, Asst. Professor, ME dept.
3. Arjun T B, Atul K P, Ajay P Muraleedharan, Albin Walton P and Bijinraj P.B presented a conference paper on Analysis of HHO Gas in IC Engines – A Review, International Multi-Conference on Computing, Communication, Electrical and Nanotechnology (I2CN-2k18), Mangalam Engineering College, Ettumanoor, Kottayam under the guidance of Mr Arun Raj A, Asst. Professor, ME dept.
4. James Edwin Prince Maikad, Gilbert C Thomas, Alex Thomas, Fredy C Thomas and Joseph John presented a paper on Design of Spiral Tube Heat Exchanger, KETCON-2018, Sahrdhaya College of Engineering and Technology, 23-24 Feb 2018 under the guidance of Mr Jithin K Kuriakose, Asst. Professor, ME dept.
5. James Edwin Prince Maikad, Gilbert C Thomas, Alex Thomas, Fredy C Thomas and Joseph John presented a paper on Design of Spiral Tube Heat Exchanger, National Conference on Technological Advancements in Engineering, Sree Narayana Guru College of Engineering & Technology, Kannur, 16-17 March 2018, under the guidance of Mr Jithin K Kuriakose, Asst. Professor, ME dept.
6. Jomy Joseph, Fredy Chacko, Alwin Jose, Jackson K Jose and Kiran Paliakara presented a paper on Design and Fabrication of Thermo Acoustic Refrigerator, 3rd National Conference on Emerging Trends on Engineering and Technology on 26-03-2018, Malabar College of Engineering and Technology, under the guidance of Mr. Sreejith K, Asst. Professor, ME dept.
7. Jomy Joseph, Fredy Chacko, Alwin Jose, Jackson K Jose and Kiran Paliakara presented a paper on Design and Fabrication of Thermo Acoustic Refrigerator, KETCON-2018, Sahrdhaya College of Engineering and Technology, Kodakara, During 23-25 February 2018 under the guidance of Mr. Sreejith K, Asst. Professor, ME dept.
8. Favas K, Amal Joy C, Dayas Manjally, Ivin Sunny and Joshua Varghese presented a paper on Design and Fabrication of Full Body Exoskeleton, KETCON-2018, Sahrdhaya College of Engineering and Technology, 23-24 Feb 2018 under the guidance of Mr. Manoj Kumar V K, Asst. Professor, ME dept.
9. Akhilesh A R, Jecko P George, Antony Boban, Jewel Shaju and Jijin .P. Joseph presented a paper on LPG Refrigeration, National Conference Technological Advanced Engineering (NCTAE), Sree Narayana Guru College of Engineering & Technology, Kannur, 16-17 March 2018 under the guidance of Mr. Ms. Nisha Sherief Asst. Professor, ME dept.
10. Amal John, Jinson Kuruppassery Joy, Akhil Mon, Aloysius J Chiramel and Gokul P.S presented a paper on Sensor Operated Automatic Ramming Machine, 4th National Conference Technological Advanced Engineering (NCTAE), Sree Narayana Guru College of Engineering & Technology,



2014-18 batch ME-A students handed over a Herbarium created under the guideship of Mr. Arunraj A (APME) to the dept. library. It was created as part of their studies.

11. Ivin Seby K, Alwin James, Antony Shilton K A, Jackson Madassery and Jerin Joy presented a paper on Optimization of Bicycle Frame, KETCON-2018, Sahrdhaya Engineering College, 23-25 February 2018 under the guidance of Mr. Praveen Raj, Asst. Professor, ME dept.
12. Ivin Seby K, Alwin James, Antony Shilton K A, Jackson Madassery and Jerin Joy presented a paper on Optimization of Bicycle Frame, ZAAGA 2.0, Ahalia School of Engineering and Technology, 2nd and 3rd February 2018 under the guidance of Mr. Praveen Raj, Asst. Professor, ME dept.
13. Jerin Joju, Donald Jose, Edwin Jeff Antony, Febeesh Xavier and Hari Sankar.K.M presented a paper on Lean Manufacturing in Surgical Industry, KETCON-2018, Sahradaya College of Engineering and Technology, 23-25 February 2018 under the guidance of Mr. Nice Menachery, Asst. Professor, ME dept.
14. Jerin Joju, Donald Jose, Edwin Jeff Antony, Febeesh Xavier and Hari Sankar.K.M presented a paper on Lean Initiative in Surgical Industry, ZAAGA 2.0, Ahalia School of Engineering and Technology, 2-3 March 2018 under the guidance of Mr. Nice Menachery, Asst. Professor, ME dept.
15. AUSTIN JOJI has presented a paper titled "VIBRATIONAL ENERGY HARVESTER" in KETCON 2018 conducted in SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY on 23-25 February 2018.
16. AUSTIN JOJI has presented a paper titled "VIBRATIONAL ENERGY HARVESTER" conducted in AMMINI COLLEGE OF ENGINEERING AND TECHNOLOGY on 22 February 2018.
17. AUSTIN JOJI has presented a project on title "VIBRATIONAL ENERGY HARVESTER" conducted in AMMINI COLLEGE OF ENGINEERING AND TECHNOLOGY on 22 February 2018.
18. BERNAD K B has presented a paper titled "VIBRATIONAL ENERGY HARVESTER" conducted in AMMINI COLLEGE OF ENGINEERING AND TECHNOLOGY on 22 February 2018.
19. BERNAD K B has presented a project on title "VIBRATIONAL ENERGY HARVESTER" conducted in AMMINI COLLEGE OF ENGINEERING AND TECHNOLOGY on 22 February 2018.
20. BERNAD K B has presented a paper titled "VIBRATIONAL ENERGY HARVESTER" in KETCON 2018 conducted in SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY on 23-25 February 2018.

Kannur, 16-17 March 2018 under the guidance of Mr. Lawrance CA Assoc. Professor, ME dept.



Icode in association with CESA organized a workshop, 'Introduction to Programming', on 3rd of March 2018. The workshop sessions were handled by Prof. Fr. Dr. A K George and was held in S8 CSE B Classroom (EAB 106) of JECC. The workshop was held in order to help interested individuals explore the computer programming world, covering topics as far as data structures and thus making them capable of self-tutoring any preferred computer programming language.

Achievements & Activities

1. Ms. Aswathy Wilson & Ms. HimaHaridas (S4 MTech) got Best Paper Award titled "An artificial intelligence approach for predicting stroke disease in KETCON hosted by Sahradaya College of Engineering.
1. Project entitled 'Integrated Speed Tracking and Toll Management System' of S8 CSE A students, Allen Francis Antony, Arnold Anto, Deepa Rajendran, Jinu Jose, KeerthanaSasikumar has provisionally approved for financial assistance under INNOVATE scheme of KSCSTE 2018 under the guidance of Divya M Menon.
2. Anagha, Aiswarya, Joe of S8 CSE A and Sanoop, Aiswarya of S8 CSE B placed in AMAZON
3. Ms. HimaHaridas of S4 MTech got Best Paper Award titled "An artificial intelligence approach for predicting stroke disease" under the guidance of Ms. Aswathy Wilson in KETCON hosted by Sahradaya College of Engineering.
4. Shijith M S, N Rahul, Tenwin James, Roy Eluvathingal, Mathews of S4 CSE B presented their project titled "Agni" in KETCON hosted by Sahradaya College of Engineering.
5. Edwin Lingson and Athira LI of S8 CSE A got placed in KPIT
6. Asha Murali of S8 CSE A has been selected by Image InfoSystems Pvt Ltd
7. Catherine Anto, AsnaNasreen, Bini Mariya of S6 CSE A got second prize for their product "LYZA for women" guided by Ms. Aswathy Wilson in International Women Hackathon 2018.
8. Linta, Susmitha and Athira of S8 CSE qualified GATE Examination 2018.
2. S3 CSE B: Maria Ann Toms & Kavya K secured first position with SGPA 7.91, Varsha Babu with second position SGPA 7.85 and Rinsy R with third position SGPA 7.7

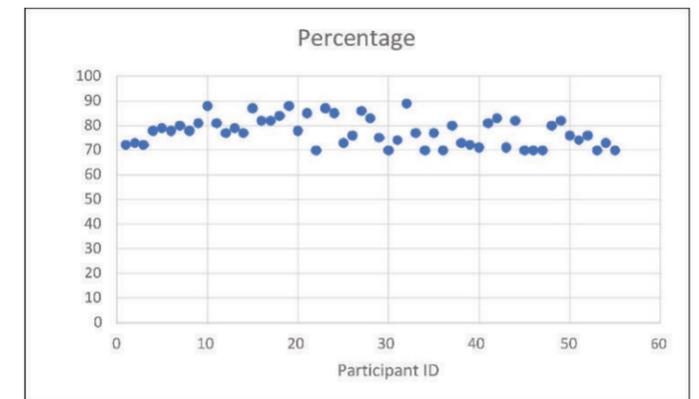
ACHIEVEMENTS & ACTIVITIES

BSH DEPARTMENT

1. Cambridge business english certificate (BEC) was conducted on 17th February 2018 at Jyoti Engineering College Campus. There were 170 First B. Tech Students Appeared for the exam.
2. National Science Day 2018 was conducted on 23 February 2018 sponsored by KSCSTE and supported by Department of Science & Technology Government Of India. Inauguration was done by Fr Dr George Peter Pittappilli CMI. Department coordinator was Ms Smija Skaria.

EVEN RESULT AND FEEDBACK

On completion of all sessions, participants were subjected to a written test in computer programming to evaluate their understanding in the covered topics and thus in turn the success of the event. Eligibility for completion certificates were determined on the basis of obtained scores, minimum cut-off being 65%.



The true success of any event lies in the participant's feedback on the event. At the end of the workshop, every participant was provided with a feedback where they were asked to rate different aspects of the event in their corresponding scales and for their suggestions that could have made the event more fruitful or beneficial. The data collected for the same is represented below,



ACHIEVEMENTS & ACTIVITIES

1. Prof. S. Rathish presented a paper on 'Water audit and optimum solution for deficit management in Jyothi Engineering College' in OISCA Global Youth Forum 2018 at XIME Cochin on 10th February 2018.
2. Ms. Nisni Ashraf attended 5 day STTP on Design and Detailing of Structural Elements at Muthoot Institute of Technology and Science during 8th to 12th January 2018.
3. Prof. S. Rathish gave an Induction level training to Assistant Engineers of Kerala Water Authority on 2-2-2018 at CWE, Trivandrum.
4. Paper titled "Effect of Rural Highway Geometry on Driver Workload – A Step Towards Safety" authored by Dr. Anitha Jacob, Mr. Jinesh K.J., Ms. Jisha Akkara and Dr. Jose P Therattil was presented at the International Conference on Civil Engineering Advancements in Sustainable Infrastructure Development and Environment – CEASIDE 2018 at GEC Thrissur during 18 to 20 January 2018.
5. Department is undertaking consultancy of soil testing for PMGSY road projects from Chalakkudy Block.
7. MS. Jimsy Sunil was relieved from her duties and resigned from the post of Trade instructor. Mr. Prasoon Jacob joined the department as Trade Instructor.
8. Mr. Edwin Chiriyankandath and Mr. Deign mon C. D. of S6 Civil presented their paper on 'Drone Total Staion' at FET'ERA'18 organised by Ammini College of Engineering, Mankara, Palakkad on 22-2-2018.
9. Mr. Edwin Chiriyankandath and Mr. Deign mon C. D., Mr. Robby Konikkara, Ms. Delsy Louis and Ms. ReshmaRajan of S6 Civil presented a paper on 'Drone Total Station' on 23-2-2018 at KSCSTE KETCON 2018 conducted at Sahrdaya College Engineering, Kodakara.



Linda David K of S8 CE qualified GATE-2018 exam with a score of 419

PUBLICATIONS & ACTIVITIES

Mechanical Department

1. Jomy Joseph, Fredy Chacko, Alwin Jose, Jackson K Jose and Kiran Paliakara published a journal paper on Design and Fabrication of Thermo Acoustic Refrigerator in International Research Journal of Engineering and Technology (IRJET) Volume: 05 Issue: 03, Mar-2018 under the guidance of Mr. Sreejith K, Asst. Professor, ME dept.
2. AMAL WILSON has published a paper titled "LINEARLY CIRCULATING FAN" in INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET). Which is published in IRJET journal Volume 5 Issue 2 February 2018.
3. ASHWIN FRANCIS has published a paper titled "INTELLIGENT BRAKING SYSTEM FOR AUTOMOBILE" in INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET). Which is published in IRJET journal Volume 5 Issue 3 February 2018.
5. JERALD JOHN has published a paper titled "INTELLIGENT BRAKING SYSTEM FORAUTOMOBILE" in INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET). Which is published in IRJET journal Volume 5 Issue 3 February 2018.
6. BERNAD K B has secured FIRST in IDEA INNOVATION CAMP, 2018 conducted in VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY from 10 – 11 February 2018.
7. BERNAD K B has successfully completed the INTERNSHALA STUDENT PARTNER (ISP) 9.0 program on March 2018.

S3 CSE B: Maria Ann Toms & Kavya K secured first position with SGPA 7.91, Varsha Babu with second position SGPA 7.85 and Rinsy R with third position SGPA 7.7



Maria Ann Toms



Kavya K.



Varsha Babu



Rinsy R.

A motivational talk by Dr.Usha Menon for S8 girls was conducted in the Decennial Hall on 12/3/18 at 11.00 am .About 70 students attended the same.



A motivational talk by Dr.Usha Menon for S6 girls was conducted in the Decennial Hall on 14/3/18 at 11.50 am .About 75 students attended the same.



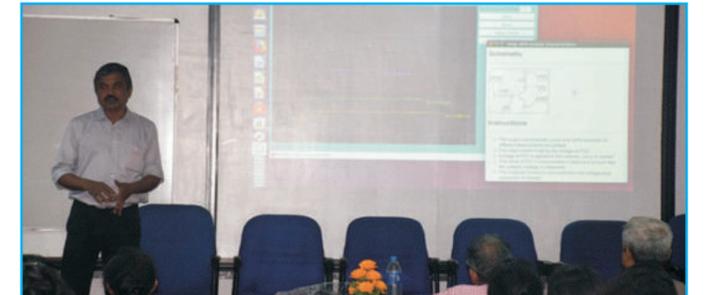
The Women Development Cell of Jyothi Engineering College has organized a talk on "WOMEN & HEALTH" for S5 & S3 girl students and lady staff members by Dr.Sr.Harsha (RMO, Jeevodaya Hospital ,Chelakkara) on 4th November 2017 at 2.00pm in the Insight Hall .



The Women Development Cell of Jyothi Engineering College has organized a talk on "WOMEN & HEALTH" for S5 & S3 girl students and lady staff members by Dr.Sr.Harsha (RMO, Jeevodaya Hospital ,Chelakkara) on 4th November 2017 at 2.00pm in the Insight Hall .



An invited talk and Panel discussion on 'Road Safety Auditing, Evaluation and Treatment' was conducted on 15-2-2018. Dr. T. Elangovan, Exe. Director, KRSA and Er. NijuAzhakesan, Director KRSA were the resource persons.



The Computer Engineering Students Association (CESA) and Computer Society of India Students Chapter (CSI) of Jyothi Engineering college jointly organized a one-day Workshop on "Experiments for Young Engineers and scientists (ExpEYES)". ExpEYES is an ongoing research project at Inter University Accelerator Centre, New Delhi. Dr B.P. Ajith Kumar, Scientist 'H' at IUAC who designed and developed ExpEYES was the lead speaker.



Add on Course on 'Total Station Survey' washeld on 24 and 25 of February 2018. Ms. Shiny Shajan has coordinated the program.



The Women Development Cell of Jyothi Engineering College has celebrated International Women's Day 2018 on 8th March 2018 at 2.00pm in the Decennial Hall. The programme was inaugurated by Ms.Sandhya Mannath (Director, PNNM Ayurvedha Medical College & Hospital, Cheruthuruthy). She spoke of achieving your goal through determination and discipline in life. She said the proper interpretation of Vedas speaks for women's protection and liberation simultaneously.



Two day training program on "Geometric Design of roads using PlannalSoftware" was conducted on 12th and 13th of March 2018.

