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President, SDM Educational Trust (R.), Ujire

|| Om Shree Manjunathaya Namaha ||

ESSENCE...



An official **NEWSLETTER** of

The spirit within

Sri Dharmasthala Manjunatheshwara Institute of Technology, Ujire - 574240

(Affiliated to Visvesvaraya Technological University, Belagavi, Recognized by AICTE, New Delhi)

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CHIEF EDITOR

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CO – EDITORS

Dr. Girish Kumar

Mrs. Naada E.

Mr. Raghuvuera Pandith

Editor's Voice.....

Eleanor Roosevelt said: "With the new day comes new strength and new thoughts". The first half of 2018 is really fantastic and remarkable. Several new thoughts and initiatives were taken up during the period. The institute has been recognized by VTU as nodal center for promoting Free and Open Source Software Tools. A new Innovation Lab has been set up in the institute for promoting open ended learning and innovations. International Conference on Recent Trends in Technology (ICRTT-2018) was successful both in terms of participation and outreach.

July 2018 issue of "Essence – the spirit within" summarizes our efforts in showcasing multifarious activities. I take this opportunity to thank everyone for this collective success.

EDITOR
Dr. K. SURESH

Vision

Excellence in Education, Commitment to Society

Mission

Create an atmosphere that facilitates the students sensitizing the young technocrats to the needs of the community with relevant inputs of academic, innovative and research capabilities

Core Values

- Achieve Excellence
- Demonstrate High Ethical Values
- Be a Team Player
- Nurture Inquisitiveness
- Inculcate Professionalism



It is better to create than to learn, Creating is the essence of Life. - Julius Caesar

[NEWS @ SDMIT]

Student Development Programme (Workshop) on “Mobile & Web App Development”

A Student Development Programme (Workshop) on “Mobile & Web App Development” was organized by the Institute from 11th to 16th February 2018. A team of students headed by Mr. Prashanth Shetty from SDMCET Dharwad were the resource persons of the workshop. The students from 6th semester CSE and ISE participated in the event.



“Awareness Workshop on Free and Open Source Software (FOSS)”

“Awareness Workshop on Free and Open Source Software (FOSS)” was organized by the Institute in association with Visvesvaraya Technological University, Belagavi on 12th and 13th March 2018. Mrs. Anushree Dharmadhikari, IIT- Bombay, Dr. A. B. Raju, KLE Technical University, Hubli, Dr. Thyagaraju G.S., HOD, Dept. of CSE, SDMIT, Ujire and Prof. Sukesh N., Asst. Professor, Department of Mechanical Engineering, SDMIT, Ujire were the resource persons of the workshop. Dr. Girish Kumar, HOD, Dept. of Mechanical Engineering was the convener and Prof. Manoj T. Gadiyar, Asst. Professor, Department of CSE was the coordinator of the workshop. More than 50 participants from various engineering colleges participated in the workshop.



“Almost half of the population of the world lives in rural regions and mostly in a state of poverty. Such inequalities in human development have been one of the primary reasons for unrest and, in some parts of the world, even violence.”

A.P.J. Abdul Kalam



Entrepreneurs Meet-2018

Entrepreneurs Meet – 2018: An interaction of students with alumni entrepreneurs was organized by Innovation and Entrepreneurship Development Center of the Institute on 24th March 2018. Nine successful alumni entrepreneurs participated in the programme and carried out interactions with final and pre-final year students in a day-long session. The programme was inaugurated by Dr. K. Suresh, Principal, SDMIT and Mr. Pooran Varma, Chief Guest of the function and Alumni Entrepreneur of Batch 2011. The meet was coordinated by Dr. Basava T., Dean (Student Welfare) and Head (IED/R & D), SDMIT.



Sports Day Celebrations

Annual Sports Day was conducted on 7th April 2018 at Sri Rathnavarma Heggade Stadium, Ujire. The event was declared open by the Chief Guest Mr. Shashidhar Shetty, Executive Officer, SDME Society, Ujire. An excellent march past by the student teams of various departments with social message was arranged during the inaugural ceremony. The various field events were conducted for the students.



Inauguration of Innovation Center/Lab

Newly Established Innovation Center/Lab in the Institute was inaugurated on 28th April 2018 by Honourable President of SDME Society and Dharmadhikari of Shri Kshethra Dharmasthala Dr. D. Veerendra Heggade. Dr. Anil Kumar R., Dr. Gopal Mugeraya, Mr. P.B. Kotur, Mr. Girish Barne, Prof. S. Prabhakar, Shri D. Surendra Kumar, Dr. B. Yashovarma and Dr. K. Suresh were among the dignitaries present on the occasion. Projects developed by students – Mono colour 3-D Printer, Soil Fertility Management System, Smart Rubber Tapping Device, Hydroponics Management System, Solar Tracker, Wood Mulcher, Ground nut decorticator, Arecanut Dehusker and Solar air cooler were demonstrated to the guests during the occasion.



Annual Day Celebrations

Annual Day 2018 was celebrated on 28th April 2018. Mr. Girish Bharne, Associate Vice President, Head- Talent Management, Persistent Talent Ltd was the chief guest for the event. The Function was presided over by Dr. B. Yashovarma, Secretary, SDME Society. Dr. Anil Kumar R., GC Member and Dr. K. Suresh, Principal, SDMIT, Ujire were also present on the dais.

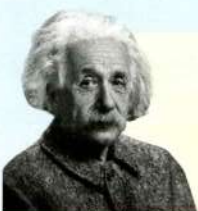


Seminar on “Increasing Productivity in Areca nut Farming: Introduction of Honey Bee”

One Day Seminar on “Increasing Productivity in Arecanut Farming: Introduction of Honey Bee” was organized by the Institute in association with Arecanut Research and Development Foundation (ARDF), Mangaluru and The Central Arecanut and Cocoa Marketing and Processing Cooperative Ltd (CAMPCO), Mangaluru on 16th May 2018.

The event was inaugurated by Dr. B. Yashovarma, Secretary, SDME, Society, Ujire. Sri. G.P. Shyam Bhat, President, Dakshina Kannada Honey Bee Farmers Association, Puttur, Sri Shankar Narayan Bhat, Vice President, CAMPCO and Trustee ARDF, Dr. K Suresh, Principal, SDMIT, Dr. Keshava Bhat, Executive Director, ARDF, Sri Manchi Srinivas Achar, President All India Areca Growers Association, Dr. Basava T, Head R&D/IEDC were present on the dais.

Sri. G.P. Shyam Bhat, addressed the gathering about the needs of honeybee farming, methods used for the same. Sri Shankar Narayan Bhat presented the keynote address in which he mentioned about the origin of CAMPCO and ARDF, the value addition to Arecanut and its marketing. Shri. Apoorva, Director, Honeybee Pvt. Ltd discussed various aspects related to Honeybee farming, its process, needs, facilities available from Government and other organizations, Shri Badanaje Shankara Bhat, Farmer Innovator and Trustee ARDF, Mangalore demonstrated the products created with the areca and explained its uses. Shri. Manchi Shankar Bhat, Researcher and Farmer, Shri Ravi Noojibail and Master Nihal, presented their work during the seminar. More than 100 participants were participated in the seminar including the students, farmers and researchers.



“There are only two ways to live your life. One is as though nothing is a miracle.
The other is as though everything is a miracle.”

-Albert Einstein

INNOVATA-2K18 State Level Project Competition

State level Project Competition and Exhibition INNOVATA-2K18 was organized by the Department of Computer Science and Engineering in association with Indian Society for Technical Education (ISTE) on 17th May 2018. The event was inaugurated by Dr.K Suresh, Principal. Dr. Thyagaraju G S, HOD, CSE was the convener of the event and Prof.Amith K S was the organizing secretary of the event. 48 project teams participated in the event. Mr. Ningappa B. and Mr. Praveen, Selco Foundation Unit, SDMIT, Ujire were the External Judges. The project "Areca nut Shell Remover" carried out by Rajadeep Rajendra, Vivek Joshi, Viraj Naik and Suresh Kumar of Mechanical Engineering, SDMIT, Ujire was adjudged as overall best project and awarded with cash prize.



International Conference on Recent Trends in Technology (ICRTT-2K18)

International Conference on Recent Trends in Technology (ICRTT-2K18) was organized by the Department of Information Science and Engineering of the Institute on 18th May, 2018. The conference was inaugurated by Dr. Chidananda Gowda, former Vice Chancellor, Kuvempu University in the presence of Dr. D. Veerendra Heggade, Dharmadhikari, Shri Kshethra Dharmastala, Prof. Mahadeva Prasanna, Professor and Dean (R&D), IIT, Dharwad, Dr. B Yashovarma, Secretary, S.D.M. Educational Society, S.D.M. Institute of Technology, Ujire and Dr. Dharmanna L, Convener, ICRTT-2K18. The presented papers were published in the journals IJCA and IJERT.



Understanding Electronics: Summer Series 2018

Vocational Programme in "Understanding Electronics: Summer Series 2018" was organized by the Innovation Lab of the Institute in association with the Department of Electronics and Communication Engineering from 2nd to 14th May 2018 for High School students. The programme was convened by Dr. Girish Kumar, Professor and Head, Department of Mechanical Engineering and coordinated by Mr. Mahesh M., Asst. Professor, Department of Electronics and Communication Engineering.



Fare Thee Well 2018

Farewell for 2018 passing out students was conducted on 10th June 2018. Mr. Mahesh Dallivatta Narasimhan, Associate VP and Head for Banking & Financial Services Business Unit, Evry India Pvt.Ltd., Bengaluru was the Chief Guest for the Event. Mr. Shashidhar Shetty, Executive Officer, SDME Society was the president of the event and Dr. K Suresh, Principal, SDMIT, Ujire was also present on the dais. The programme was coordinated by Mr. Ramakrishna Hegde, Head - Training & Placement.



[CAMPUS EVENTS]

Department of Electronics and Communication Engineering

Outreach Programmes and Workshops

Department of Electronics and Communication Engineering organized following outreach workshops for the students of SDM Polytechnic and SDM Kannada Medium High School, Ujire.

- 1) "Basics of Electronics" and "Electronics Projects for Agricultural Applications" for SDM Kannada Medium High school students on 6th January 2018. Mrs. Sowmya T.K., Mrs. Shaileshwari S., Mr. Mohan Naik and Mrs. Akshatha Rao were the resource persons. The programme was conducted at SDM Kannada Medium High School, Ujire.
- 2) "Xilinx ISE 9.2 i" for final year ECE students on 13th of January 2018. Mr. Ramachandra was the resource person. The programme was conducted at SDMIT, Ujire.
- 3) "Image Processing using MATLAB" for II year ECE students on 25th January 2018. Mr. Naveen Kumar H.N., Mr. Amith K. Jain, and Mr. Bharath Raj were the resource persons. The programme was conducted at SDM Polytechnic, Ujire.
- 4) "Industrial Automation" and "Programmable Logic Controllers" for final year ECE students on 29th and 31st January 2018 respectively. Mr. Pratapchandra and Mr. Vishwanath G.S. were the resource persons. The programmes were conducted at Bosch Rexroth CoE, SDMIT, Ujire.
- 5) "Use of HDLs for ASIC Design using Cadence Tool" for II year ECE students on 30th January 2018. Mr. Varunkumar K., Mr. Niranjana M. and Mr. Subrahmanya S.B. were the resource persons. The programme was conducted at SDMIT, Ujire.



Workshop on “Embedded Systems”

Three days workshop on “Embedded Systems” was organized by the “Eagers” Association of the Department using Texas Instruments Launchpad to pre-final year students of ECE during 9th to 11th February 2018. Mr. Adarsha H D, Mr. Aravinda Harebailu and Mr. Chyavan Phadke, Quadrature Innovations Pvt. Ltd, Bengaluru were the resource persons. Dr. S.P Hegde, HOD, Department of ECE was the convenor of the program and Prof. Mahesh D.S and, Prof. Varun S.K. were the coordinators. 18 students participated in this workshop.



Workshop on “Robolution”

Two days workshop on “Robolution” was organized by the Department in association with Innovation and Entrepreneurship Development Cell on 17th and 18th February 2018. Mr. Prashanth Kumar G.N., Director, TechTronix and alumni of SDMIT, Ujire was the resource person. The event was convened by Dr. S.P. Hegde, HOD, Department of ECE and coordinated by Mr. Avinash. S, Mr. Amith K.S and Mr. Basavaraj Patil. Students of different branches participated in the programme.



Workshop on “Programming Skills”

Three days workshop on “Programming Skills” was organized by “Eagers” Association of the Department for pre-final year students of ECE during 22nd to 24th February 2018. Mr. Rama G. Srinivas, Richman and Freeland, Hyderabad was the resource person. The programme was convened by Dr. S.P. Hegde, and coordinated by Mr. Mahesh M. of ECE department.



Interactive Session on “Job Opportunity in Core Companies”

One day interactive session on “Job Opportunity in Core Companies” was organized by “Eagers” Association of the Department for pre-final year students of ECE on 2nd March 2018. Mr. Abhishek S, Project Manager, SMEC Pvt. Ltd, Mangalore was the resource person. The programme was convened by Dr. S.P. Hegde and coordinated by Mr. Praveen H.L. of ECE department.



One day Workshop on IOT and Networking

One day workshop on IOT and Networking was organized by the Department using CISCO packet tracer simulator for pre-final year students on 4th March 2018. Mr. Shreehari M. and Mr. Vijay Krishna were the resource persons. The programme was convened by Dr. S.P. Hegde, and coordinated by Mr. Madhusudhan, Mr. Naveen Kumar H.N. and Mr. Amith K. Jain of ECE department.

Interactive Session on “Job Opportunity in Embedded System”

One day interactive session on “Job Opportunity in Embedded System” was organized by “Eagers” Association of the Department for pre-final and final year students of ECE and EEE on 7th and 8th March 2018. Mr. R. Lakshminarasimha, Senior Manager, Schemazen Technology, Bangalore was the resource person. The programme was convened by Dr. S.P. Hegde, and coordinated by Mr. Madhusudhan, Mr. Naveen Kumar H.N. and Mr. Amith K. Jain of ECE department.



Interactive Session on “Sustainable Energy Resources, Solutions and Services”



Interactive sessions on “Sustainable Energy Resources, Solutions and Services” were organized by the Department for Second year students on 9th March and 5th April 2018. Mr. Ashwin and Mr. Ningappa, Selco Lab, Ujire were the resource persons. The programmes were convened by Dr. S.P. Hegde and coordinated by Mr. Naveen Kumar H.N. and Mr. Amith K. Jain of ECE department. Development of a affordable technological innovations and next-generation improvements in products those enhance livelihood and quality of life of low-income rural customers were discussed in the programme.

Workshop on “Antenna Simulation Tool”

Two days workshop on “Antenna Simulation Tool” was organized by the Department under Skill India programme for second year students on 23rd and 24th March 2018. Dr. Chandrappa, Dept. of ECE, PESITM, Shivamogga and Prof. Rajendra H.S and Prof. Rajappa, Department of ECE, GMIT, Davanagere were the resource persons. The programme was convened by Dr. S.P. Hegde, chaired by Dr. Jagadeesha S. and coordinated by Prof. Prathapchandra and Prof. Ramachandra. Various design issues of antenna and the challenges involved in it were discussed during the workshop and hands-on sessions on antenna simulator were conducted.



Madya Varjana

Interactive session on “Madya varjana” was organized by “Eagers” Association of the Department for second year ECE students to evoke the awareness about the bad habits like addiction to drugs and liquor on 13th April 2018. Mr. Thimmappa Nayak, Jana Jagruthi Vedike, SKDRP, Dharmasthala was the resource person. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Raghuveer Pandit and Mr. Praveen H.L. of ECE department.

Ambedkar Jayanthi

127th birth anniversary of Dr. B. R. Ambedkar was celebrated by the Department on 14th April 2018. The event was organized by Mr. Praveen H.L. and Mr. Ramesh G.



Interactive Session on “Opportunities in Abroad for Higher Studies”

One day interactive session on “Opportunities in Abroad for Higher Studies” was organized by the Department for final year students on 19th April 2018. Mr. Melwin Thomas was the Resource person. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Madhusudhan K., Mr. Naveen Kumar H.N. and Mr. Amith K. Jain of ECE department.



Workshop on “Mobile Making and IoT”

Two days Hands on workshop on “Mobile Making and IoT” was organized by the Department on 19th and 20th April 2018 for the II year students. Mr. Janardhan Choudhary, Senior Software Engineer, Indian Tech Group, Mumbai was the resource person. Hands on sessions were conducted for developing mobiles using Aurdino and IOT. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Naveen Kumar H.N. and Praveen H.L. of ECE department.



One Day Workshop on Basic Laptop Servicing and Introduction to Mini-Projects

One day workshop on “Basic laptop Servicing” was organized by ElectroWizard team of the Department for I and II year students of all branches on 24th April 2018. Mr. Hrishikesh B. was the resource person. Around 60 students participated in this workshop. The participants were introduced with hardware and software part of a computer and trained on identification and rectification of faults. The event was coordinated by Mr. Mahesh D.S. of ECE department.



“The highest education is that which does not merely give us information but makes our life in harmony with all existence.”

– Rabindranath Tagore





Talk on “Various Opportunities for Electronics Engineers”

An Informative talk on “Various Opportunities for Electronic Engineers” was organized by the Department on 22nd May 2018 for final year students. Mr. Purushothama T.L., Dept. of ECE, SIT, Tumakuru was the resource person. The job openings in different domains of Electronics and higher study trends in the field of Electronics were emphasized during the talk.

Events for College Day 2018

Following events and competitions were organized by the Department in association with various committees as a part of college day celebrations.

- **Multi-event programme “Vidyuth”:** A multi-event programme “Vidyuth” was organized by “Eagers” Association of the Department in collaboration with Cultural committee of the institute during 9th to 13th April 2018. The programme was inaugurated by Dr. K. Suresh, Principal in the presence of Mr. U.K. Malla, Dean (Student Welfare) and Dr Krishnaprasad P.A., Chairman, Cultural Committee. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Mahesh M., Mr. Madhusudhan and Mr. Raghuvveera Pandith. Events such as Quiz, Wall magazine, Stress interview, Market Mayhem, App God, Turn coat, Circuit debugging, Robo racing were conducted in the programme.
- **Treasure Hunt:** This programme was organized by “Eagers” Association of the Department on 16th April 2018. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Praveen H.L., Mr. Raghuvveer Pandit, Mr. Amith K. Jain and Mr. Naveen Kumar H.N. of ECE department.
- **Quipster:** This event was organized by “Eagers” Association of the Department on 25th April 2018. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Praveen H.L., Mr. Raghuvveer Pandit and Mr. Amith K. Jain.



- **Super Minute:** This event was organized by “Eagers” Association of the Department on 25th and 26th April 2018. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Prathapchandra of ECE department.
- **Fear Factor:** This event was organized by “Eagers” Association of the Department on 25th and 26th April 2018. The event was convened by Dr. S.P. Hegde and coordinated by Mr. Prathapchandra and Mr. Praveen H.L. of ECE department.
- **Collage:** Exhibition of photos in the collage form was organized by the department in association with Photography club of the Institute. Photos of various events conducted in the institute during the academic year were exhibited.

MoUs Signed

The Department signed MoUs with following companies in March 2018 for placement, training and internship.

- SMEC Pvt. Ltd.
- Schemazen Technology

Department of Electrical and Electronics Engineering

Outreach Programmes and Workshops

Following outreach / expand programmes were conducted by the Department in various schools of the district.

- A social awareness talk on "Solar Power Application" was conducted on 3rd March 2018 at Government Primary School, Guripalla. Students of III Year - Mr. Arjun Joshi, Mr. Sachith Shetty, Mr. Guruprasad M, Ms. Anusha Y Prabhu and Ms. Vaishnavi B.M. were the resource persons. The programme was coordinated by Mr. Sathyanarayana and Mr. Vineeth Kumar P.K.
- A social awareness talk on "Electricity Usage and Safety Measures" was conducted on 7th March 2018 at Government High School, Guruvayanakere. Students of III Year - Mr. Saichaitanya, Mr. Sanjay K.S, Mr. Satish and Mr. Mayur Raju Shah were the resource persons. The programme was coordinated by Mr. Subrahmanya Bhat and Mrs. Veena Bhat.
- A social awareness talk on "Electricity Usage and Safety Measures" was conducted on 15th March 2018 at Government High School, Venur. Students of III Year – Mr. Chethan P, Magaj Nayak and Mr. Shridhar Shetty were the resource persons. The programme was coordinated by Mr. Subrahmanya Bhat and Mr. Somashekar D.P.



Suryamitra Skill Development Training

Following activities were conducted by the Department in connection with III Batch Suryamitra Skill Development Training Programme funded by National Institute of Solar Energy, Government of India.

- DG field visit to SDMIT DG room on 10th January 2018.
- field visit to transformer yard near SDMIT quarters on 12th January 2018.
- Poster presentation on Solar Technologies by trainees: The poster presentation was inaugurated by Dr. K. Suresh, Principal on 20th February 2018.
- Valedictory programme of III Batch Training: The function was conducted on 23rd February 2018. Event was chaired by Dr. K. Manjunath, HOD, EEE department. Dr. Girish Kumar, HOD, Mechanical Engineering Department and Mr. Sathyanaranaya P., Coordinator, Suryamitra Skill Development Program were also present during the occasion.



Aptitude Test

An aptitude test was conducted by the Department in collaboration with SMEC Automation, Managaluru on 1st March 2018 for III Year students.



Talk on Automation Technologies

A talk on Automation Technologies was organized by the Department in collaboration with SMEC Automation, Managaluru on 1st March 2018 for III Year students.



Programme on “III Effects of Use of Drugs”

An awareness programme on “III effects of Use of Drugs” was organized by the Department on 12th April 2018. Dr. Sujatha K.J, Dean Division of Natural Therapeutics, Dr. Shubha B.N, Dr. F.J. Nuzhath, Dr. Samineni Jayashree, Doctor of Medicine in Clinical Naturopathy, SDM College of Naturopathy & Yogic Sciences, Ujire were the resource persons for the programme.



Programme on “Human Rights and Need of Aadhaar Card”

An awareness programme on “Human Rights and Need of Aadhaar Card” was organized by the Department on 13th April 2018. Mr. Enos, Advocate, Belthangady was the resource person for the programme.



Ambedkar Jayanthi

Ambedkar Jayanthi was celebrated by the Department on 14th April 2018. Mr. Enos, Advocate, Belthangady was the Chief Guest for the programme.



Field Visit to Power Plant Sub Station

A field visit to 400kV/220kV substation at "Power Grid Corporation India Limited (PGCIL), Hassan", was organized by the Department on 16th April 2018 for III Year students.

Guest Lecture on "Hydro-Electric Plant Operation and Control"

A guest lecture on "Hydro-Electric Plant Operation and Control" was organized by the Department on 17th April 2018 for II and Final Year students. Mr. Ganesh Shetty, Manager – Electrical and Mr. Karuna Sagar, Mechanical Engineer, Bhoruka Power Corporation Limited, Neria Mini-Hydel station were the resource persons.



MoU Signed

Department of Electrical and Electronics Engineering signed an MoU with SMEC Automation, Mangaluru on 1st March 2018 for trainings and internships.



Department of Computer Science and Engineering

Outreach/Expand Programmes

Following outreach / expand programmes were conducted by the Department.

- A student development programme on "Mobile Application Development using Android" was organized at SDM Polytechnic, Ujire for final year diploma students on 4th and 5th January 2018. Mr. Amith K.S. was the resource person.
- Expand lecture on "Web Application Development" was conducted on 8th January 2018 at SDM Polytechnic, Ujire for II year diploma students. Mr. Chandrappa S. was the resource person. Hands-on sessions were also conducted after the lecture session.
- An awareness session on "Engineering Education" was conducted at Government PU College, Koppa on 27th January 2018. Mr. Rakshith M.D. was the resource person for the programme.



Training Programme on “Fundamentals of Python for Machine Learning”

Two weeks Skill Development & Training Programme on “Fundamentals of Python for Machine Learning” was conducted by the Department for II and III Year students from 22nd to 31st January 2018. Dr. Thyagaraju G.S., HOD was the resource person. The programme was coordinated by Mr. Rakshith M.D. of CSE department.



Bridge Course on “Object Oriented Programming using Java”

A Bridge Course on “Object-Oriented Programming using Java” was conducted by the Department for II Year students during 29th January to 3rd February 2018. Mr. Pradeep G.S. and Mr. Raghavendra Patil G.E. were the resource persons for the programme.



Orientation Sessions

Following orientation sessions were organized by the Department for the students of II, III and Final year. Dr. Thyagaraju G.S. HOD was the resource person for these sessions.

- Orientation programme on “Project work” for final year students was conducted on 5th February 2018.
- Orientation programme on “Internship” for pre-final year students was conducted on 7th February 2018.
- Orientation programme on “Skill sets required for software engineer” was conducted on 7th February 2018 for II Year students.
- Orientation programme on “Technical Seminar” was conducted 8th February 2018 for final year students. Mr. Rakshith M.D. was the resource person for the programme.



Presentation Contest on “Agricultural Crop Cultivation”

A presentation contest on “Agricultural Crop Cultivation” was organized by the department on 8th March 2018 for II and III Year students. The event was coordinated by Mr. Rakshith M.D. and Mr. Raghavendra Patil G.E.



“Put your heart, mind, and soul into even your smallest acts.

This is the secret of success.”

Swami Vivekananda

Workshop on “PHP: Hypertext Preprocessor”

A workshop on “PHP: Hypertext Preprocessor” was organized by the department for II Year students on 10th and 11th March 2018. The workshop was coordinated by Mr. Sharath K.R. and Mr. Arjun K. of CSE department. Basics of PHP along with simple application were discussed during the workshop. 40 students participated in the workshop.



Technical Quiz on C, C++ and Java

Technical Quiz competitions on C, C++ & Java was organized by ASCII association of the department as a part of Exemplar 2018 for II and III Year students on 14th and 17th March 2018. The events were coordinated by Mr. Rakshith M.D. and Ms. Suchetha N.V. of CSE department.



Industrial Visit

An Industrial visit/tour was arranged by the department for III Year students during 28th to 30th March 2018. IROID Technologies India Pvt. Ltd., Infopark, Kochi and Spectrum Technologies, Kochi were the industries visited during the tour. Technical sessions were conducted during the visit by company experts. The programme was coordinated by Mr. Arjun K., Mr. Sharath K.R., Mrs. Sahana K.B. and Ms. Sneha Shetty of CSE department.



Training on “Upcoming Technology and Internship Awareness”

One day training programme on “Upcoming technology and Internship awareness” was organized by the department on 6th April 2018 for III Year students. Mr. Anil M. Prabhu and Ms. Asma, Amp-Work were the resource persons for the training. The programme was convened by Dr. Thyagaraju G.S., HOD-CSE and coordinated by Mr. Manoj Gadiyar and Mr. Ramakrishna Hegde of CSE department.



Quiz on “System Modelling and Simulation”

A quiz on “System Modelling and Simulation” was organized by the department for Final year students on 9th April 2018. The event was conducted by Mr. Rakshith M.D. of CSE department.



Infosys Campus Connect Road Show

Infosys Campus Connect orientation and road show was conducted on 9th April 2018. Mr. Raghavendra Patil G.E. was the resource person. The programme was coordinated by Mr. Rakshith M.D.

Technical Session

A technical session on "Fundamentals of Python" was organized for the students on 12th April 2018. Mr. Rakshith M.D. was the resource person.



Workshop on "Effects of Drugs on Youth"

Awareness workshop on "Effects of Drugs on Youth" was organized by the department on 23rd April 2018. Mr. Nagaraj K., Department of CSE, VCET, Puttur was the resource person. The Programme was convened by Dr. Thyagaraju G.S. and coordinated by Mr. Sharath K.R. and Mr. Prathviraj.



Technical Session on Python

A technical session on "Python" was organized by the department as a part of Infosys Campus Connect programme for III Year students on 23rd April 2018. Mr. Rakshith M.D. was the resource person. Fundamental concepts and Jupyter Notebook interactive tool were discussed and demonstrated in the session.



Workshop on "Fundamentals of Python"

A workshop on "Fundamentals of Python" was organized by the department for II Year students. Mr. Rohan K.M. and Mr. Rohan R.G. were the resource persons for the workshop.



Talk on “Recent Trends in Technology”

A technical talk on “Recent trends in Technology” was organized by the department on 28th April 2018. Mr. Girish Bharné, Vice-President, Persistent Systems, Goa was the resource person for the programme. The event was coordinated by Mr. Manoj Gadiyar and Mr. Ramakrishna Hegde.



Talk on “Overseas Opportunities”

A talk on “Overseas Opportunities” was organized by the Department of CSE in association with Department of Training and Placement on 7th May 2018. Dr. Nithin Kulkarni, KLE Technical University, Hubli was the resource person. The program was coordinated by Mr. H. Manoj T. Gadiyar and Mr. Ramakrishna Hegde. More than 250 students participated in the program.



Department of Information Science and Engineering

Outreach/Expand Programmes

Following outreach/expand programmes were conducted by the Department for the students of SDM Polytechnic, Ujire.

- Expand lecture tutorials on “Web application development” was conducted on 8th January 2018 at SDM Polytechnic. Dr. Dharmanna L. and Mr. Deekshith K. were the resource persons. Topics such as perl programming and Java script were discussed in the meeting.
- Outreach programme on “Web technologies using advanced web tools” for SDM Polytechnic students at SDMIT, Ujire on 9th January 2018. Dr. Dharmanna L. and Mr. Deekshith K. were the resource persons.



- “Valuable advice can sometimes come from an unexpected source, and chance events can sometimes open new doors”
- “Performance leads to recognition. Recognition brings respect. Respect enhances power. Humility and grace in one's moments of power enhances dignity of an organization”

- Mr. N.R. Narayan Murthy

Skill Development Programme on “Industry Oriented Advanced Java and its Application”

3 days Student Skill Development program on “Industrial Oriented Advanced Java and its Application” was organized by the department for II Year students to fill the gap between the industry needs and the curriculum during 22nd to 24th February 2018. Mr. Srinivas G. and Mr. T. Avinash were the resource persons. The program was coordinated by Mr. G.P Hegde and Mr. Deekshith K.



Industrial Visit

An industrial visit to Nestsoft, Kochi, Kerala was organized by the department on 29th March 2018 for III Year students. A talk on Digital Marketing and Mobile Application Development was delivered by Ms. Regina, Executive Member, Nestsoft during the visit. The tour was coordinated by Mr. Deekshith K., Ms. Shalini and Ms. Sushmitha.



Understanding Financial Statements

A workshop on “Understanding Financial Statements” was organized by the department on 8th and 9th May 2018. Dr. P.N. Udaychandra, Head, Department of Commerce, SDM College, Ujire was the resource person. The event was coordinated by Mr. Basavaraj Patil and Mr. Naveen Pagad.

Department of Mechanical Engineering

“Techtronics – 4” Workshop

“Techtronics – 4” workshop was organized by the Department in association with Department of Physics and P.G. Department of Physics (SDMC) on 6th and 7th January 2018 for the students of SDMIT and SDMC PG Centre. Mr. Lakshmisagar P.S., Asst. Professor, Department of Physics was the coordinator for the event. Mr. Sukesh N., Asst. Professor, Department of Mechanical Engineering and Dr. Chetan Rao, Associ. Professor, Department of Physics were the co-coordinators for the event.



Pre-Workshop Online Test on Graphics KBTS

Pre-workshop online test on “Graphics KBTS (A computer based intelligent tutoring system)” in the subject Computer Aided Engineering Drawing was organized by the Department for I Year Chemistry Cycle students during 3rd and 4th weeks of February 2018. 220 students took the online test. Mr. Bujanga D.P., Asst. Professor, Department of Mechanical Engineering coordinated the event.

Awareness Sessions on General Topics

Awareness sessions on “Orientation for Gate Examination” and “PNB Scam – Causes and Implications” were conducted by the Department for III Year BE (Mechanical) students during February 2018. Mr. Sharath K.C. was the resource person for the sessions.

Awareness on Mechanical Software and Related Industrial Job Requirements

A Technical talk series on "Awareness on Mechanical Software and related industrial job requirements" was arranged by the Department of Mechanical Engineering for the students of Mechanical Engineering on 15th February 2018. The importance of application software tools such as Catia, Hypermesh, Unigraphics, CAD, etc. was highlighted in the three sessions arranged separately for II, III and IV Year BE (Mechanical) students. Mr. Prajwal of Edu-CADD systems, Mangaluru was the resource person for all the three sessions. Mr. Sunil Ragha, Asst. Professor, Department of Mechanical Engineering coordinated the event.



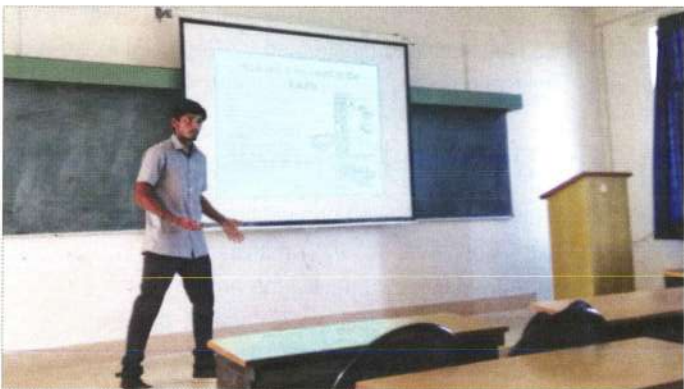
Workshop on "Yoga and Diet for Health"

5 days workshop on "Yoga and Diet for Health" was organized by the Department of Mechanical Engineering in association with Health Club of the Institute from 26th February to 2nd March 2018. Mr. Mahesh B. Patil of Mechanical Engineering was the resource person and coordinator for the workshop.



Energy Saving and Energy Conservation

College level student presentation competition on the theme "Energy Saving and Energy Conservation" was organised by the Energy Club of the Department of Mechanical Engineering on 8th March 2018. The inaugural ceremony of competition was graced by Dr. K Suresh, Principal and Dr. Girish Kumar, Head of the Department of Mechanical Engineering. 80 participants [42 teams] registered and made presentation in four parallel sessions. Two best presentations in each session were rewarded in a separate function held on 16th March 2018. Mr. Gopalaiah, Department of Electronics and Instrumentation, Dayanand Sagar College of Engineering, Bangalore was the Chief Guest for reward presentation ceremony. The program was co-ordinated by Mr. Premkumar S., Mr. Nityanand B. and Mr. Jayaram Bhat, Assistant Professors, Department of Mechanical Engineering.



Industrial Visit

A visit to Mechanical and Automobile Engineering related laboratories at SDM ITI, Venur was organized by Automotive Club of the Department of Mechanical Engineering for the students of IV Year Mechanical Engineering on 14th March 2018. The visit was coordinated by Dr. Girish Kumar, Professor and Head and Sukesh N., Assistant Professor, Department of Mechanical Engineering.



Awareness Workshop on “Hydraulics and Pneumatics”

An awareness workshop on “Hydraulics and Pneumatics” was organized by the Department in association with Bosch-Rexroth CoE for III Year Mechanical Engineering students on 12th and 13th March 2018. The workshop was inaugurated by Dr. Girish Kumar, Professor and Head, Department of Mechanical Engineering. The importance and applications of automation in the Industry, a brief overview on facilities available at Bosch-Rexroth CoE, fundamental concepts of Hydraulics and pneumatics were highlighted in the first session of the Workshop. This was followed by Hands on sessions, where students were grouped into 3 batches and made to carry out trial experiments on Hydraulics and Pneumatics using the trainer kits available at the centre. The workshop was coordinated by Bujanga D.P., and Sridhara T., Assistant Professors, Department of Mechanical Engineering who were also the Resource persons for the workshop.



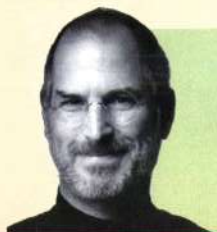
Workshop on “Graphics Knowledge Based Tutorial System (A computer based intelligent online tutoring system)”

Workshop on “Graphics Knowledge Based Tutorial System (A computer based intelligent online tutoring system)” was organized by the department on 27th March 2018 for I Year D Section students. Prof. Abdul Khader A.A., Principal, Karnataka Polytechnic (Evening), Mangaluru and Developer of Online Tutorial was the Resource Person for the event. Three more workshops on the series were conducted during April 2018 for other sections of I Year Chemistry Cycle students. Mr. Bujanga D.P. was the main coordinator and Mr. Padmaraj A., Mr. Mahesh Patil and Mr. Shivaprasad B.L. Assistant Professors, Department of Mechanical Engineering were the co-coordinators.



Talk on “Skilling Engineers for Professional Success”

College level student presentation competition on the theme “Energy Saving and Energy Conservation” was organised by the Energy Club of the Department of Mechanical Engineering on 8th March 2018. The inaugural ceremony of competition was graced by Dr. K Suresh, Principal and Dr. Girish Kumar, Head of the Department of Mechanical Engineering. 80 participants [42 teams] registered and made presentation in four parallel sessions. Two best presentations in each session were rewarded in a separate function held on 16th March 2018. Mr. Gopalaiah, Department of Electronics and Instrumentation, Dayanand Sagar College of Engineering, Bangalore was the Chief Guest for reward presentation ceremony. The program was co-ordinated by Mr. Premkumar S., Mr. Nityanand B. and Mr. Jayaram Bhat, Assistant Professors, Department of Mechanical Engineering.



- “Innovation distinguishes between a leader and a follower.”
- “Be a yardstick of quality. Some people aren't used to an environment where excellence is expected.”

-Steve Jobs

Demonstration of “3-D Printing Machine”

Demonstration of indigenously built “3-D Printing Machine” developed as project work was organized by the department for IV Year Mechanical Engineering students on 11th April 2018. Mr. Jaiprasad, Mr. Joseph Jetto, Ms. Praneeta Lakshmi and Mr. Krishna Kumar of IV Year Mechanical Engineering were the project associates and resource persons. The project work was carried out under the guidance of Mr. Sridhara T., Asst. Professor, Department of Mechanical Engineering.



Workshops on “Power Point Template Design”

Two workshops on “Power Point Template Design” were organized by the Department for students and faculty members. Mr. Sheik Ansariddin of IV Year Mechanical Engineering was the Resource Person for both workshops. First workshop was conducted on 19th April 2018 for IV year Mechanical Engineering students. Mr. Shivakumar C., Asst. Professor, Department of Mechanical Engineering coordinated the programme. Second workshop was conducted on 12th June 2018 for faculty members. Mr. Sukesh N., Asst. Professor, Department of Mechanical Engineering coordinated the programme.



Industry Visit

An Industry visit/tour to L & T Automation, Government Tool Room, Architectural Museum at Mysuru and Wyanad was arranged by the Department on 20th to 22nd April 2018 for III Year Mechanical Engineering students. Mr. Sharath K.C., Asst. Professor and Ms. Chaithra B.M., Instructor, Department of Mechanical Engineering coordinated the tour.



Training on “Hydraulics and Pneumatics”

Training programme on “Hydraulics and Pneumatics” was organized by the department in association with Bosch-Rexroth CoE for III Year Mechanical Engineering students April – May 2018. Mr. Sridhara T. and Mr. Bujanga D.P. were the resource persons and coordinators for the training programme.

Talk on “Design for Manufacturability and Manufacturing Practices”

A Technical Talk / Guest Lecture on “Design for Manufacturability and Manufacturing Practices” was organized by Innovation lab on 26th May 2018. Mr. Phaneendra G. Thirumani was the Resource Person for the programme. Faculty and students of SDMIT and SDMPPT attended the session.

Post talk, orientation on Product Development was given by the resource person on 26th and 27th May 2018. Projects developed by students (Napkin destroyer, 3-D printer, Arecanut Dehusker, Wood Chipper, Ground nut Decorticator, Areca Leaf cup making machine, Multi-utility Agri equipment, ATM, High Tech Jail, Coconut cutter, Jower Desheller, Rag picker, etc. were demonstrated.



Department of Civil Engineering

Survekshan – Training Programme

Two-days training programme on Plane Table Surveying and Total Station Surveying- 'Survekshan' was organized by the department on 5th and 6th January 2018 for III Year Civil Engineering students. The programme was inaugurated by Dr. K. Suresh, Principal and Dr. Krishnaprasad P.A., HOD – Civil Engineering. Mr. Vishwanatha Bhat coordinated the programme.



Demonstration of Total Station

A glimpse of Civil Engineering Survey was arranged for S.D.M. Residential P.U. College students on 9th January 2018. A short introduction to surveying, necessity of instruments, and a demonstration using Total Station was provided during the programme. The event was coordinated by Mr. Vinaya Shyam D. of Civil Engineering.



Extensive Survey 2018

Extensive Survey Project-2018 was organized by the department for III Year civil engineering students at the Shivagangadhareshwara Giri, Kadur Taluk, Chikkamagalur District, during 10th -22nd January 2018. During the survey, projects related to new tank, renovation of earthen bund, water supply, town planning and highway were carried out by the students. Mr. Vinay M.R. was the Camp Officer and coordinator of the programme.



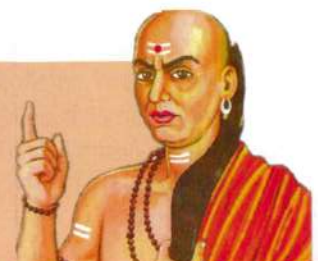
Awareness on “Water Usage and Ground Water Recharge”

An awareness session on Water Usage and Ground Water Recharge was carried out by WARI- a water working group, of the Department at Mruthyunjaya High School, Vaderahalli, Kadur taluk, Chikkamagalur District on 16th January 2018. Mr. Vishwanatha Bhat, Mr. Vinaya Shyam D. and Mr. Subrahmanya R. Sharma, Assistant Professor, Department of Civil Engineering were the resource persons.



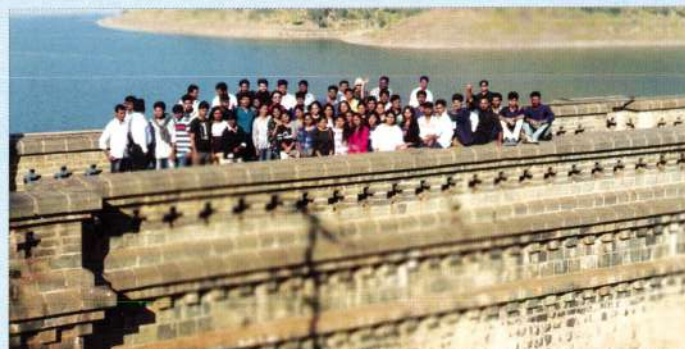
“Before you start some work, always ask yourself three questions - Why am I doing it, What the results might be and Will I be successful. Only when you think deeply and find satisfactory answers to these questions, go ahead.”

- Chanakya



Industry / Dam Visit

A study visit to dam site-Vani Vilasa Sagara, Marikanive, Hiriya Taluk, Chitradurga District was organized by the department on 20th January 2018. This visit was coordinated by Mr. Vinay M.R. of Civil Engineering Department.



Technical Talk

An introductory talk was arranged by the department on 16th February 2018 for the students of II Year Civil Engineering. Mr. Pramod, EduCAD, Ujire was the resource person. This event was coordinated by Mr. Pratheeksh M., Asst. Professor, Civil Engineering Department.



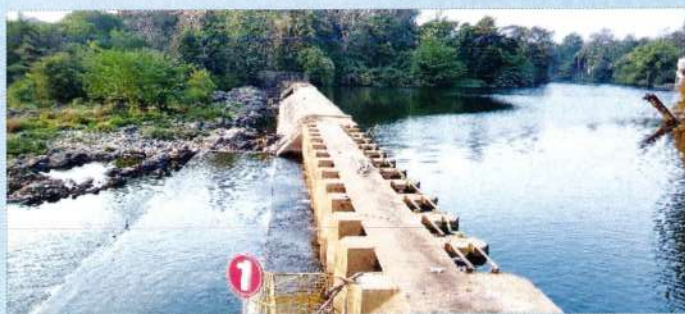
Study Visits

Study visits to construction site and hanging bridge at Somanthadka were organized by the Department on 20th February 2018 for III Year students. The Temple Construction using traditional and alternative building materials were demonstrated during the site visit. The load bearing-distribution mechanism in different types of bridges including the hanging bridge was exemplified during the bridge visit. The visits were coordinated by Mr. Vinaya Shyam D. Asst. Professor, Department of Civil Engineering.



Inspection Visit

A visit to vented Dam at Netravathi Snanaghatta was carried out by Mr. Vishwanatha Bhat, Asst. Professor, Dept. of Civil Engineering, to inspect the possibility of installation of turbine.



Talk on "Suspension Bridges"

A technical talk on "Suspension Bridges" was organized by the Department of Civil Engineering on 2nd March 2018. Padmashree Awardee Gireesh Bharadwaj was the resource person. During the programme, the resource person was felicitated on recognizing his services towards society. Mr. Shashidhar Shetty, E.O., SDME Society, Ujire was the president of this function and felicitated the chief guest. Mr. Subrahmanya R. Sharma organized the event.



Workshop for Masons

To build engineering skill and technique to masons working in construction Industry, one day training program was organised by Civil Engineering department in association with Ultratech Cement on 25th March 2018. 50 masons participated in the workshop. Measuring quantity, unit conversion, safety, health insurance available for labours etc. were discussed in the workshop. The program was coordinated by Mr. Raveesh Padumale of Civil Engineering.



Demonstration of Quick Building Technology

A hands-on session on recent building materials in façade and quick building technology was arranged by the department in collaboration with Agrima Roof and Façade systems on 27th March 2018. This event was coordinated by Mr. Vinaya Shyam, Asst. Professor, Dept. of Civil Engineering.



Industry Tour / Field Visit

A three days field visit and Industry tour to Kochhi was organized by the department for III Year students during 30th March to 1st April 2018. International Coir Museum and Kocchi Harbour were among the places visited during the tour. The programme was coordinated by Mr. Hanumantharaju and Mr. Vijin Xavier, Asst. Professor, Dept. of Civil Engineering.



Technical Talk

A talk on Prime-overa, a project scheduling and management software was arranged by the department for the III Year students on 6th April 2018. Mr. Vinod Kumar, Head, CADD Centre was the resource person.



Field Visit to Water Supply and Treatment Plant

A field visit was arranged by the department for III Year students on 11th April 2018, to the sites related to the Water Supply and Treatment plants at Dharmasthala. The intake structure-Jack well at draft pumping mechanism, supply system to the treatment plant at Nethravathi Sthanaghatta, water treatment plant and waste water treatment plant for sewage treatment at Dharmasthala were studied during the visit. The field visit was coordinated by Mr. Vishwanatha Bhat, Mr. Vinaya Shyam and Mr. SUBrahmanya R. Sharma.



Visit to Nirmithi Kendra and Ready-Mix Concrete Plant

Field visits to Nirmithi Kendra and Ready Mixed Concrete Plant were arranged by the department for III Year students on 13th April 2018. Alternative building materials used in the construction industry were shown during the visit. The programme was coordinated by Dr. Krishnaprasad P.A., The Head, Mr. Raveesh P. and Mr. Vijin Xavier, Assistant Professor, Department of Civil Engineering.

Visit to Hydro-Power Plant

A field visit was arranged by the department for II Year students on 9th May 2018, to the sites related to Hydro-Power Plant, The Varahi Underground Power Station located at Hosangadi, Udupi District. Students were made familiar with the Power Plant concept by allowing them to understand various processes during power generation at Underground Tunnel. Construction aspects of tunnel as well as the high head-low discharge-tangential Pelton turbines were briefed. A visit was also made on series of interconnected reservoirs located on the uplands towards Shivamogga. It includes an intake structure, a pickup dam, and Mani Dam.



Department of Basic Sciences (Physics, Chemistry and Mathematics)

Talk on “Use of Language”

A talk on “Use of Language from the employability perspective” was organized by the department of Engineering Physics for the Physics Cycle students on 5th February 2018. The event was inaugurated by Dr. K. Suresh, Principal, SDMIT, Ujire. Mr. Sooryanarayana Bhat P., Department of English, SDM College, Ujire was the resource person. The programme was coordinated by Mrs. Supriya of Physics department.



Talk on “Early History of Quantum Mechanics”

A talk on “Early History of Quantum Mechanics” was organized by the department of Engineering Physics for the Physics Cycle students on 10th February 2018. The event was inaugurated by Dr. S.P. Basavarju, Author of Engineering Physics Text book and Dr. Aravinda Rao Kedige, CEO, Kamaljeeth Laboratory Supplies. Dr. S P Basavarju was the resource person. The programme was coordinated by Mr. Avadhut Shivaji Karat and Mr. Lakshmisagar P.S. of Physics department.



Talk on “Mathematics Fun and Music”

A talk on “Mathematics Fun and Music” was organized by the Department of Mathematics in association with Mathematics Forum on 14th February 2018 for Chemistry cycle students. Prof. Prakash Prabhu, HOD, Mathematics, SDM College, Ujire was the resource person.



Session on “Sustainable Energy Sources”

An interactive session on “Sustainable energy source and about SELCO foundation objectives” was organized by the Department of Engineering Physics for the students of physics cycle on 23rd February 2018. Mr. Ningappa, Coordinator, SELCO, Dakshina Kannada Region and Ms. Nikitha, Product Designer and Innovator in residence fellow, Selco foundation were the resource persons. The solar lamp designed by Ms. Nikitha was demonstrated in the session. The programme was coordinated by Mr. Avadhut S. Karat and Mrs. Supriya of Physics department.



Talk on “Conjunction of Mathematics with Music”

A talk on “Conjunction of Mathematics with music” was organized by Department of Mathematics in association with Mathematics Forum on 26th February 2018 for Physics cycle students. Prof. Prakash Prabhu, HOD – Mathematics, SDM College, Ujire was the resource person.



National Science Day and Poster Competition

Poster competition and exhibition was organized by the Department of Engineering Physics on the account of National Science Day for all physics cycle students on 28th February 2018. The function was inaugurated by Prof. Uday Kumar Malla, Dean (Student welfare), SDM institute of technology, Ujire. Dr. Lakshmeesha Rao, Assistant Professor, SDM Post Graduation College, Ujire was the judge for the function. The programme was coordinated by Ms. Kavithashree and Mrs. Supriya of Physics department.



Pie Day Celebration

On account of PIE day celebration, following competitions were organized by the department of Mathematics.

- Puzzle competition was conducted on 9th March 2018.
- Article writing competition was conducted on 12th March 2018.
- Power point presentation was organized on 12th March 2018.
- Maths model competition was organized on 14th March 2018.

As a part of Pie day Celebration, a talk on “Pie” was organized by the Department of Mathematics in association with Mathematics Forum. Prof. Jayalakshmi, Former HOD, Mathematics, SDM College, Ujire was the resource person.



Competitions for Personality Development

Following competitions were organized by the department of Engineering Physics for the students of Physics cycle for overall personality development.

- Quiz and group discussions were conducted in March 2018
- Group discussions, pick and speak were organized in April 2018
- Seminar competition was organized in May 2018



NSS Activities

NSS unit of the Institute organized / conducted following activities during the period.

- National Voters Day was celebrated and Voter's pledge was administered on 25th January 2018 to create awareness among Engineering students and general public. Importance of conducting free and fair elections and compulsorily casting the precious vote were highlighted in the programme. The event was coordinated by Mr. Bharathraj, Mr. Niranjana and Mr. Amith K. Jain of ECE department.
- Agrata Marathon was organized jointly by NSS unit of the institute and The Hand to serve trust, Ujire on 25th March 2018. The Event inaugurated by Dr. Sudhindra Prabhu, President, Rotary club, Belthagady and Dr K. Suresh, Principal, SDMIT, Ujire. 200 students participated in the marathon which started at Rathnavarma Stadium, Ujire and continued till Dharmastala. The event was coordinated by Mr. Madhusudhana K, NSS Program officer, Mr. Subramanya S.B., and Dr. Basava T., faculty of SDMIT.



Placement and Training Activities

Extension Activity at SDM Polytechnic

Extension activity on "Career opportunities, Interview skills and Job oriented courses" was organized by the Placement and Training Cell for ECE students of SDM Polytechnic on 7th February 2018. Mr. Ramakrishna V. Hegde, Training and Placement Officer, SDMIT, Mr. Vineeth Kumar P.K. and Mr. Raghuveer Pandit, faculty, SDMIT were the resource persons.



- If you don't fight for what you want, don't cry for what you lost
- The immature think that knowledge and action are different, but the wise see them together.

-Lord Krishna

Campus Drives at SDMIT

- Codilar conducted campus drive on 6th January 2018.
- Evive Software conducted campus drive on 9th January 2018.
- Atees Infomedia conducted campus drive on 5th February 2018.
- Youngstone Technologies conducted campus drive on 6th February 2018.
- Abyeti Technologies conducted campus drive on 6th February 2018.
- Alpha9 Marine conducted campus drive on 16th February 2018.
- Cadence conducted campus drive on 17th February 2018.
- VDART Software Solutions conducted campus drive on 1st & 2nd March 2018.
- RiiiT conducted campus drive on 4th March 2018.
- TVM Signaling and Transportation Systems conducted pool campus drive 6th March 2018.
- Call in IT Solutions conducted recruitment drive on 7th March 2018.
- SMEC Automation conducted campus drive on 9th March 2018.
- Bosch Automation conducted pool campus drive on 16th and 17th March 2018.
- FACE conducted recruitment drive on 22nd March 2018.
- High Peak Software conducted recruitment drive on 25th March 2018.
- Agrima Roof and Façade Systems conducted campus drive on 27th March 2018.
- HGS conducted campus drive on 3rd April 2018.
- Aaradhya Brilliance Center conducted campus drive on 5th April 2018.
- Arizon Digital conducted campus drive on 10th April 2018.
- Code Craft conducted campus drive on 14th April 2018.
- Qspiders conducted campus drive on 20th April 2018.
- Diya Systems conducted campus drive on 21st April 2018.
- Hiremee conducted campus drive on 26th April 2018.
- Excalibar Furnishers conducted campus drive on 30th April 2018.
- AppNM Info SOLUTIONS conducted campus drive on 4th May 2018.
- SPinteg Technologies conducted campus drive on 19th May 2018.



Pool Campus Drives

Our students attended the following pool campus drives :

- Citrix at NMAMIT, Nitte on 12th January 2018.
- Software Specialist Inc at SMVIT, Bantakal on 4th February 2018.
- Crane Versity at AIT, Moodabidri on 22nd February 2018.
- Equilogics at CIT, Ponnampet on 10th March 2018.
- Mphasis at VCET, Puttur on 19th March 2018.
- Robert Bosch at BVB, Hubli on 6th April 2018.
- Poornam Infovision at Sahyadri, Mangaluru on 6th April 2018.
- Mandovi Motors at Sahyadri, Mangaluru on 10th April 2018.
- Smart Soc at MIT, Kunadapura on 13th April 2018.

IIT-B Remote Centre Activities

Workshop / Training for Kendriya Vidyalaya Teachers

Half Day workshop cum Training on "Using the Portal developed by IIT Bombay for scrutinizing applications during admission process" was organized for Kendriya Vidyalaya Teachers through IIT-B Remote Centre of the Institute on 17th March 2018. Mr. Suresh N., Asst. Professor, Department of Mechanical Engineering was the coordinator for the programme.



FDP on "Pedagogy for Online and Blended Teaching-Learning Process"

2-week FDP on "Pedagogy for Online and Blended Teaching-Learning Process" was conducted through IIT-B Remote Centre of the Institute. The first Face-to-Face interaction of the programme was held on 24th and 25th March 2018, 2nd was on 12th and 13th May 2018 and 3rd was on 26th and 27th May 2018. Mr. Suresh N., Asst. Professor, Department of Mechanical Engineering was the coordinator for the programme.

[OTHER EVENTS]

Workshop on "Mentorship and Teaching Skills"

Workshop on "Mentorship and Teaching Skills" was organized on 3rd February 2018 for faculty members. Mr. Sharad Vihari Das, Cultural Head, Bhaktivedanta Academy, Mangaluru was the resource person. Mr. Manoj Gadiyar of CSE department coordinated the programme.



Session on "How to Start a Company / Start-up"

An awareness session on "How to start a Company or Start-up" was organized on 10th February 2018 for the students. Student-entrepreneurs headed by Mr. Prashanth Shetty from SDMCET Dharwad were the resource persons for the session. Mr. Suresh N. of Mechanical Engineering coordinated the programme.



Student as Faculty Programme

Orientation for the Student-as-Faculty programme was conducted on 27th February 2018. Dr. B.A. Kumara Hegde, HOD, Department of Botany, SDM Degree College was the Chief Guest and Resource person of the programme. Tips for effective teaching, good communication skills, seriousness and sanctity required for the teachers were discussed in the session. The programme was coordinated by Mr. Rakshith M.D, of CSE department. Selected students performed as faculty for definite sessions during the semester. Certificates of appreciation were awarded to all the student-faculty members.



Programme on "Awareness Towards Civil Services"

One day programme on "Awareness towards Civil Services" was organized for Final Year students. Mr. Sunil B.N, Director of National IAS Academy, Bangalore was the resource person. The programme was coordinated by Mr. H. Manoj T. Gadiyar of CSE Department.



Blood Donation Camp

Blood Donation Camp was organized by Youth Red Cross Unit of the Institute in association with SDM Hospital, Ujire on 12th March 2018. Dr. Balakrishna Bhat, Medical Officer, SDM Hospital, Ujire was the Chief Guest of the inaugural ceremony of the camp. More than 400 students donated the blood during the camp.



Summer Camp

Summer Camp on Micro-air vehicle was organized by the Institute at Shree Dharmasthala Manjunatheshwara High School Belalu on 6th April 2018. A presentation on the basics of aeroplane parts and working was delivered by Mr. Subrahmanya Sharma of Civil Engineering. The session was followed by hands on training on building of hand glider plane. Mrs. Veena Bhat of EEE department and Mr. Jayaram Bhat of Mechanical Engineering were the other resource persons of the programme.



Self Defence for Women

A Programme on Self Defence for Women was conducted on 21st April 2018 by Red Cross Unit of the Institute at Girl's Hostel. Mr. Karthik S. Kateel and Mrs. Shobhalatha of "Swarakshana for Women" were the resource persons for the workshop.



Governing Council Meeting

Ninth Governing Council Meeting of the Institute was held on 28th April 2018. Dr. D. Veerendra Heggade, Dharmadhikari, Sri Kshethra Dharmasthala and President, SDM Educational Society, Ujire had chaired the session.



[CAMPUS ACHIEVEMENTS]

Student Achievements

- The Project “Shwasa – Solar Air Purifier” developed by Naresh Holla of III Year Mechanical Engineering, Nishanth Nayak of EEE and Ashwini R Kamath and Ashwini M S of ECE have qualified for Final of India Innovation Challenge Design Contest – 2017-18 (Funded by DST). The project was carried out under the guidance of Mr. Mahesh D.S., Asst. Professor, Department of ECE.
 - Jayanth N. and Keerthana Shetty of III Year BE (Mechanical) got 1st Prize in Face Painting contest in Intercollegiate Fest “Shree Devi Sambram 18” held on 22nd and 23rd February 2018 at Shree Devi Institute of Technology, Mangaluru.
 - The project “Automated Rubber Tapping” carried out by Vinayak Kulkarni of IV Year BE (Mechanical) and Suraj V Shetty, Vasudha Rao and Sisir, Sirajuddin of CSE were qualified for Quarter final of National Level India Innovation Challenge Design Contest conducted by DST, GOI and Texas Instruments, Bengaluru.
 - The project “Automatic coin detection and counting by image processing” carried out by Ashok raju, Sangannagouda, Nikhil M G and Nithin K G of ECE were qualified for Quarter final of National Level India Innovation Challenge Design Contest conducted by DST, GOI and Texas Instruments, Bengaluru.
 - The project “Krushika Bandhu” carried out by Madan C S, Keshava, Bakkeesh H M of ECE and Dhanush Bhat of CSE were qualified for Quarter final of National Level India Innovation Challenge Design Contest conducted by DST, GOI and Texas Instruments, Bengaluru.
 - The project “Abhay Hasth” carried out by Anjana S Kamath, Arati S, Deekshith and Arun Kumar of ECE were qualified for Quarter final of National Level India Innovation Challenge Design Contest conducted by DST, GOI and Texas Instruments, Bengaluru.
 - The project “Sun Tracking Solar System” carried out by Dheeraj Jain and team were qualified for Quarter final of National Level India Innovation Challenge Design Contest conducted by DST, GOI and Texas Instruments, Bengaluru.
 - The Projects “Adhiha-Partner of Rubber Farmer” carried out by Vinayak Kulkarni of IV Year BE (Mechanical) and “Areca Spray System using Drone” carried out by Madan Gouda and Ranna of III Year BE (Mechanical) have been selected for exhibition in “Anveshana- Science and Engineering Fair (State level project exhibition and contest)” held at Bengaluru during 26th – 28th February 2018. The Project “Adhiha-Partner of Rubber Farmer” was recognized among the top projects and awarded with a cash prize of Rs. 10,000/-
 - Annie varshitha, student of 6th semester ECE was shortlisted in top 10 among 200 participants of state level debate competition held at Alva’s college Moodbidri.
 - College Chess Team obtained 10th Position among 76 teams in VTU inter-collegiate Chess Tournament held at PES, Mandya during 23rd to 25th March 2018.
 - Sureddy Sai Kiran Reddy of II Year Mechanical Engineering participated in “Yoga and Wushu Championship – 2018” held on 5th and 6th April 2018 at Kozhikode, Kerala and secured II Place.
 - Shri Krishna Bhat of I Year Mechanical Engineering participated in “Lekhana (Paper Presentation)” of National Level UG Tech Fest “Thantrajna-18” held on 12th April 2018 at KVG College of Engineering, Sullia and won II Prize.
 - Naresh Holla and Rahul U.P. of III Year Mechanical Engineering exhibited the project “Napkin Destroyer” in “Yanthrajna (Hobby Project Exhibition)” of National Level UG Tech Fest “Thantrajna-18” held on 12th April 2018 at KVG College of Engineering, Sullia and won II Prize.
 - Vinayak Kulkarni of IV Year Mechanical Engineering and Suraj V Shetty, Vasudha Rao and Sisir, Sirajuddin of CSE participated in Teleutsav-2018 held on 21st April 2018 at GSSSIET for Women, Mysuru. The project developed by them Adhiha – Smart Rubber Tapping Device won the I Prize in the event.
 - Ms. Ayisha B. secured III Place in Collage event in 18th VTU Inter Collegiate Youth Festival “Kalasurabhi – 2018” held at Angadi Institute of Technology and Management, Belagavi during 11th to 13th April 2018.
 - The project “Automatic coin detection and counting by image processing” carried out by Ashok raju, Sangannagouda, Nikhil M G and Nithin K G of ECE secured First Place during Intercollegiate UG and PG project Exhibition cum Competition, I2 Connect organized by IEEE Mangalore subsection in association with St. Joseph Engineering College on 13th May 2018.
 - Following projects won different prizes in the Innovata 2K18 – State level Project Exhibition held in the institute on 17th May 2018
1. “Arecanut Dehusker” carried out by Viraj V. Naik, Vivek Joshi, Rajadeep Rajendra and Suresh Kumar of Mechanical Engineering was awarded as Best Project – Overall with a cash prize.
 2. “Automated areca nut tree climber and cutter” carried out by Bharath K., Kaushik B., Prashanth R. and Shashank K.S. of ECE was awarded First prize in ECE stream.
 3. “3-D Printer” carried out by Jaiprasad, Joseph Jetto, Praneeta Lakshmi and Krishna Kumar was awarded First prize in Mechanical stream.

4. "Automated robot for seed sowing and fertilizer spraying" carried out by Nandan T.R., Prajwal Jain, Shivanand Mariguddi and Swaran of EGE was awarded Second prize in ECE stream.
- College team won III prize in VTU Inter Zonal Women's Kabaddi tournament held at Channabasaveshwara institute of Technology Gubbi Tumakur on 7th May 2018. Ms. Gayathri and Ms. Chinmayi of EEE were recognized with best raider awards in the tournament.
- Following papers were awarded as best papers in the International Conference on Recent Trends in Technology 2K18 (ICRTT 2K18) held at SDMIT on 18th May 2018.
1. "Review on 3D printer – A new technology" presented by Joseph Jetto of Mechanical Engineering.
2. "Morphometric Analysis of Nethravathi Watersheds" presented by Mushtaq Ahmed and Abhishek Shanbhag of Civil Engineering.
3. "Rainfall Trend Analysis" presented by Pragathi Somanna, Varsha and Harshith of Civil Engineering.

Student Participations

- Shruthi K.N. and Shruti S.K. of III Year BE (Mechanical) presented a technical paper in Intercollegiate Fest "Envision-18" held on 21st February 2018 at Srinivas Institute of Technology, Mangaluru.
- Santhosh M.G. of III Year BE (Mechanical) presented a technical paper in Intercollegiate Fest "Shree Devi Sambram 18" held on 22nd February 2018 at Shree Devi Institute of Technology, Mangaluru.
- Akshay D.N., Jayanth N. and Keerthana Shetty of III Year BE (Mechanical) participated in Movie Making and Photography competitions in Intercollegiate Fest "Shree Devi Sambram 18" held on 22nd and 23rd February 2018 at Shree Devi Institute of Technology, Mangaluru.
- Prajna C. Madane and Shwetha of IV Year Civil Engineering presented a paper titled "Reinforced Interlocking Mud Bricks" in Anveshana Karnataka at Shikshakara Sadana Bengaluru.
- Mushtaq Ahmed and Naveen Kumar of III Year Civil Engineering presented a paper titled "Anomalies of Symon's Rain gauge" in NMAMIT, Nitte on 3rd March 2018.
- Following students presented papers in 4th National Conference on "Technological Advancements in Engineering" held on 16th-17th March 2018 at Sree Narayana Guru College of Engineering and Technology, Payyanur, Kannur, Kerala:
- 1. Pragathi S. and Varsha of Civil Engineering presented a paper.
- 2. Guruprasad M, Ruthvik H.C and Vaishnavi B.M of III Year EEE presented a paper on "Issues and Challenges in Witricity".
- 3. Vilas V., Mr. Mahesh B.M. and Swaroop S. of III Year EEE presented a paper on "Comparative Analysis and Performance of polycrystalline and monocrystalline PV Modules".
- 4. Sai Chaithanya and Sanjay K.S. of III Year EEE presented a paper on "A Brief Review on Electro Magnetic Coil Gun".
- Keval, Vinay and Rohan K.M. participated in the Coding and Cultural events held at Canara Engineering College, Mangalore on 17th March 2018.
- Keval Jain of II Year CSE and Adarsh G. of III Year CSE participated in the debate competition held at Alva's College of Engineering, Moodbidri on 24th March 2018.
- 27 students of II Year BE (Mechanical) participated in "Workshop on Cryogenics" at SMVIT, Udupi on 24th March 2018.
- Vilas and Mahesh B.M. of III Year EEE presented a paper on "Comparative Analysis and Performance of Poly-crystalline and Mono-crystalline PV Module" in National Level Technical fest "Tantrajna" held at KVG College of Engineering, Sullia on 12th April 2018.
- Sai Chaitanya of III Year EEE presented a paper on "A Brief Review on Electro-Magnetic Coil Gun System" in National Level Technical fest "Tantrajna" held at KVG College of Engineering, Sullia on 12th April 2018.
- Vivek Joshi of IV Year Mechanical Engineering participated in "FIDE Rated State Level Championship – 2018" held during 14th to 18th April 2018 at Bengaluru.
- Following students presented projects in 2nd State Level Telecommunication Project Model Competition "Tele Utsav – 2K18" held at GSSSIET for Women on 21st April 2018.
- 1. Nandana T.R., Swaran S.D., Prajawal S.P. Jain and Shivanand M. exhibited a project titled "Automated robot for seed sowing and fertilizer spraying".
- 2. Prashanth R., Shashank K.S., Koushik B. and Bharath K. exhibited project titled "Automated arecanut tree climber and cutter".
- 3. Ashok Raju, Sangannagouda, Nikhil M G and Nithin K G exhibited a project titled "Automated coin detection and counting by image processing techniques".
- 4. Naresh Holla and Rahul U.P. of III Year Mechanical Engineering exhibited a project titled "Napkin destroyer".
- Following students presented papers in the International conference on recent trends in technology 2K18 (ICRTT 2K18) held in the Institute on 18th May 2018.

1. Vilas and Mahesh B.M. of III Year EEE presented a paper on "A Comparative Analysis and Performance of Polycrystalline and Monocrystalline PV Module".
2. Sai Chaithanya and Sahana N. of III Year EEE presented a paper on "A Review on Technological Advancement in Electro Magnetic Coil-Gun Systems".
3. Sushmitha, Shruthi, Shreeraksha presented a paper titled "A Comparative Study of Human Activity Recognition Techniques".
4. Suman B.R., Soujanya B.L., Santhrupthi B.M. and Sahana S.M. presented a paper titled "Automatic Detection of Glaucoma Disease Using OCT and Fundus Images".
5. Kaivalya Vernekar of II Year Mechanical Engineering presented a paper titled "Study on solar dryer coupled with flat plate collector".

Staff Achievements

Felicitations to Dr. K. Suresh, Principal at VTU, Belagavi

Dr. K. Suresh, Principal was felicitated by the university on 29th June 2018 during 20th Foundation Day Celebration at Belagavi for his meritorious service to the University at various capacities.



Staff Activities

- Mr. Prathapchandra of ECE department attended twelve days PDP on "Industrial Automation" from 1st to 12th January 2018 at CMRIT, Bengaluru.
- Mr. Bharathraj and Mr. Niranjana K.M of ECE department and Mr. Pradeep G.S. of CSE department attended five days FDP on "Machine Learning and its Applications in Engineering and Technology" from 2nd to 6th January 2018 held at N.M.A.M Institute of Technology, Nitte.
- Mr. Basavaraj Patil of ISE department was the resource person for the two days workshop on "Mobile application development using Android" at SDM Polytechnic Ujire on 4th and 5th January, 2018.
- Mr. Vishwanatha Bhat of Civil department recorded a recitation on "Artificial Intelligence for Mankind" in community radio-Ninada-90.4 FM, Ujire on 4th January 2018.
- Dr. Thyagaraju G.S. and Mr. Rakshith M.D. of CSE department participated in the Faculty Development Programme on "Data Science using Python" held at Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru from 8th January 2018 to 12th January 2018.
- Mr. Vishwanatha Bhat and Mr. Vinayashyam D.S. of Civil department did a field visit on 8th January 2018 to Gram Panchayat Ujire to study the self-recording rain-gauge.
- Mr. Premkumar S. of Mechanical Engineering delivered talks "Solar Energy and its applications" and "IC engines" to Final year Mechanical Engineering Diploma students at SDM Polytechnic, Ujire on 10th and 12th January 2018 respectively.
- Mr. Arjun K, Mr. Chandrappa and Mr. Sharath K.R. of CSE department participated in the Faculty Development Programme on "Advanced Automation Testing Tool in Selenium Integrated Environment" at VRAI Software Solution, Bengaluru from 14th January 2018 to 18th January 2018.
- Mr. Raghavendra Patil G.E. of CSE department delivered a technical talk on "IP Networking and Network Security" at Institute of Engineering & Management, Mysore on 15th January 2018.
- Ms. Suchetha N.V. of CSE department participated in the Faculty Development Programme on "Usual Object Recognition" held at Mangalagangothri, Mangalore University from 15th January 2018 to 19th January 2018.
- Mr. Somashekar D.P. of EEE department attended 5 days Short term training program on "Wide Area Monitoring and Control of Power Systems Using Synchrophasor Technology" (WAMCPS 2018) in KLE MSSCET, Belagavi from 16th January 2018 to 21st January 2018.

- Mrs. Usha G.R. of ISE department attended 6 days Faculty Development Program on "Emerging Trends in Knowledge Discovery and Data Analytics" held at AIT, Chikkamagalur from 16th to 21st January, 2018.
- Prof. Naveen S. Pagad and Prof. Basavaraj Patil were the resource persons for 2 days workshop on R Programming and WEKA Tool at Srinivas Institute of Technology, Mangalore during 18th and 19 January 2018.
- Mr. G.P. Hegde of ISE department attended two days workshop on "Implementation of image processing Techniques using MATALAB for project Development" on 19th and 20th January 2018 held at KONGU Engineering College ERODE Tamil Nadu.
- Mr. Prithviraj of CSE department, Dr. Dharmanna L. and Mr. Deekshith of ISE department participated in the Faculty Development Programme on "Android Application Development" at Alvas's Institute of Engineering and Technology, Moodabidri from 21st to 25th January 2018.
- Mr. Sukesh N. of Mechanical Engineering visited Subraker Industries (Manufacturers of Turbine Rotor Shafts), Peenya, Bengaluru on 21st January 2018 as a part of Industry-Institute Interaction.
- Mr. Ramakrishna V. Hegde of CSE department participated in the Faculty Development Programme on "Mobile Application Development" at Vidhyavardhaka College of Engineering, Mysore from 22nd to 26th January 2018.
- Mr. Jayaram Bhat of Mechanical Engineering participated in a faculty development programme/workshop on "Software Application in Mechanical Engineering" at Alva's Institute of Engineering and Technology, Moodabidri from 22nd to 26th January 2018.
- Mrs. Shobha Sharma attended 5 days FDP on "Software Testing Using Open Tools" at NMAMIT Nitte from 22nd to 27th January 2018.
- Mr. Manoj Gadiyar attended the placement meeting at Srinivasa Institute of Technology, Valchil on 25th January 2018.
- Mr. G.P. Hegde, Mr. Sukesh N. and Mr. Lakshmisagar P.S. participated in the Yakshagana Taalamaddale "Shree Rama Darshana" at Kiriyadi Sadashiva Temple on 26th January 2018 organized by Yakshaninada group of SDMIT, Ujire.
- Mr. Vishwanatha Bhat of Civil Engineering authored a book chapter titled "Spatiotemporal Relationship Linking Land Use/Land Cover with Groundwater Level" in the special issue on Groundwater published by Springer.
- Dr. Sanjay S.S. of Chemistry was onvited as judge for the poster presentation competition in Jhenkar -2018 held at SDM PG Centre on 31st January 2018.
- Dr. Sanjay of Chemistry was the Chief Guest for the inauguration of Chemistry Association "Chem-Aura" at St. Agnes College (Autonomous) Mangaluru on 2nd February 2018.
- Mr. Basavaraj Patil of ISE department was the Resource Person for the Faculty Development Program on "Network Simulator-NS2 and Network Security" on 9th and 10th February 2018 at Dr. P.G. Halakatti College of Engineering and Technology, Vijayapur.
- Mr. Sukesh N. of Mechanical Engineering and Mr. Lakshmisagar P.S. of Physics were the Resource Persons for the hands-on session "Working with Microsoft Office and Google Applications" on 14th February 2018 at SDM PG College, Ujire.
- Mr. Naveen S. Pagad and Mr. Basavaraj Patil of ISE department were the resource persons for the Faculty development program on "R-Programming and WEKA Tool" at Srinivas Institute of Technology, Mangalore on 17th and 18th February, 2018.
- Mr. Sukesh N. of Mechanical Engineering and Mr. Rakshith, System Administrator participated in "A-View demonstration workshop" organized by VTU on 20th February 2018 at BIT, Bengaluru.
- A general article "ತರಂಗಿಣಿಯ ತೆರೆಗಳು" by Mr. Vishwanatha Bhat of Civil Engineering was published in a reginal newspaper Suddi Bidugade on 22nd February 2018.
- Mr. Vishwanatha Bhat of Civil Engineering recited two Kannada articles at community radio-Ninada 90.4 F.M. The topics were: A monologue by a river, Temple architecture, recited in Kannada.
- Mr. Raghavendra Patil G.E. and Mr. Pradeep G.S. of CSE department delivered a guest lecture on the topic "Network Security & Cryptography" for 2nd year EC students on 10th March 2018 at SDM Polytechnic, Ujire.
- Mr. Chandrappa S. of CSE department delivered a talk on the topic "Awareness Program on Social Media" and "Indian Rocket Launching Technologies" to SDM Kannada Medium Hr. Pr. School, Ujire on 13th March 2018.
- Dr. Sanjay of Chemistry conducted an Orientation programme for the MSc final year students (Organic and General) at PG chemistry department on 17th March 2018.
- Dr. Samshuddin S. of Chemistry attended VGST interaction held at JNASR, Bangalore on 17th March 2018.
- Mr. Guruprasad M.S. of CSE department delivered a technical talk on "Big Data & Hadoop" from 19th to 20th March 2018 at KLEIT, Hubli.
- Mr. Jayaram Bhat of Mechanical Engineering participated in One Day Workshop on "Advances in Welding Practices (Explosive welding)" on 22nd March 2018 at Alvas Institute of Engineering and Technology, Moodabidri.
- Dr. Sanjay of Chemistry conducted mock interview for the MSc final year students (Organic and General) at SDM PG Chemistry department during 24th to 26th March 2018.

- Mr. Arun Kumar D. (Research Scholar, Chemistry) was awarded Research Fellowship from Directorate of Minorities, Govt. of Karnataka on 2nd April 2018.
- Dr. Dharmanna L chaired a session at "Expro 2K18" held at NMAMIT, Nitte on 6th April 2018.
- Mr. Vishwanatha Bhat of Civil Engineering published a poem titled "ವಾಯುಭಾರ ಕುಸಿದಿದೆ" in weekly News Paper – Suddi Bidugade (12th-19th April Edition).
- Mr. Somashekar D.P. of EEE department attended 4th National Conference on "Power System Engineering" in S.D.M. College of Engineering and Technology (SDMCET), Dharwad on 20th April 2018.
- Dr. S Samshuddin served as a member of National advisory committee for the 5th International Conference on Applied Science Engineering and Technology held at Sri Sairam College of Engineering, Anekal, Bangalore on 17th and 18th May 2018.
- 21 faculty members of the Institute attended the workshop on "New model curriculum for I year BE/BTech batch CBCS detailed syllabus (2018-19) as Outcome Based Education (OBE) format including Course Outcomes and Blooms Taxonomy" on 19th May 2018 at SCEM, Mangaluru.
- Mr. Manoj Gadiyar participated in "Vijaya Karnataka Education Fare" held at Bangalore on 19th and 20th May 2018 and "Edu Verse - Education Fare (Edu Verse)" organized by Deccan Herald at Bangalore on 26th and 27th May 2018.

Papers presented in Conferences

- Dr. Suresh K. presented a paper titled "Cepstral Domain Approach to Enhance Noisy Speech and Increase Intelligibility for Mobile Communication" in 2nd International Conference on Advances in Electronics, Computers and Communications (ICAEECC), Feb 2018.
 - Mr. Subrahmanya R. Sharma of Civil Engineering presented a paper titled "Response Spectrum Analysis for Short Leg Shear Wall" in the National Conference on Technological Advancement in Engineering Aspects held at Shree Narayana Guru College of Engineering and Technology, Payyannur, Kerala and won Best paper award for the presentation.
 - Following papers are presented by Institute faculty members in the of International Conference on Recent Trends in Technology (ICRTT-2K18) held on 18th May 2018 at SDMIT, Ujire.
1. Mr. Raghuveera Pandith and Mr. Naveen Kumar H.N. of ECE department presented a paper titled "Automated Coin Recognition and Counting by Image Processing Techniques".
 2. Dr. Shriram P. Hegde and Dr. Jagadeesh S. of ECE department presented a paper titled "Big Data Analysis for Cyber Security using R-Programming Techniques".
 3. Dr. Jagadeesh S. of ECE department presented a paper titled "Overview of Fractal Microstrip MIMO Antenna for Wireless Communication".
 4. Mr. Varunkumar S.K. of ECE department presented a paper titled "Digital IC Characterization and Testing using MSP430 Microcontroller".
 5. Mr. Madhusudhan K. of ECE department presented a paper titled "Comparison of Probe Feed and Proximity Coupled Feed Techniques for Rhombus shaped Antenna".
 6. Mrs. Shaileshwari S. of ECE department presented a paper titled "Fenugreek Production using Automated Hydroponics System".
 7. Mr. Mohan Naik R. of ECE department presented a paper titled "Implementation of IoT based Electricity controlled prepaid Energy Meter Monitoring and Bill Payment System".
 8. Mrs. Sowmya T.K. of ECE department presented a paper titled "Implementation of IoT based Smart Warehouse Monitoring System".
 9. Mr. Sathyanarayana and Mr. Vineeth Kumar P.K. of EEE department presented a paper titled "A Comparative Analysis and Performance of Polycrystalline and Monocrystalline PV Module".
 10. Mr. Vineeth Kumar P.K. of EEE department presented a paper titled "A Review on Technological Advancement in Electro Magnetic Coil-Gun Systems".
 11. Mr. Rakshith M.D. of CSE department presented papers titled "A Comparative Study of Human Activity Recognition Techniques" and "Mahiti: An Android Application to Monitor Student's Academic Activities".
 12. Mr. Chandrappa S. of CSE department presented a paper titled "Automatic Detection of Glaucoma Disease Using OCT and Fundus Images".
 13. Dr. Thyagaraju G.S. of CSE department presented papers titled "Smart IoT Web App to Recognize and Monitor Plant Requirements and Conditions" and "Design and Development of Innovative IoT based Smart Application for Garbage Monitoring and Notifying".
 14. Dr. Thyagaraju G.S. and H. Manoj Gadiyar of CSE department presented a paper titled "Privacy and Security Issues in IoT based Smart Home Applications".
 15. Dr. Dharmanna L. of ISE department presented papers titled "Analysis of youtube data using Hadoop component: Pig", "Developing a Novel Approach for Analysis of Root Aorta in UltraSound Images" and "A Survey on Content Analysis for Video".

16. Mrs. Shobha Sharma of ISE department presented papers titled "Drushti-A Smart Reader for Visually Impaired People" and "Solar Power Monitoring System Using Android Application".
17. Mrs. Shwetha S.V. of ISE department presented a paper titled "Design and Development of IoT Device to Measure the Quality of Water and Water Content in Soil".
18. Mrs. Usha G.R. of ISE department presented papers titled "Analysis of you tube data using Hadoop component: Pig" and "Density Based Traffic control system with Green Corridor for Emergency Vehicles".
19. Mr. Naveen S. Pagad of ISE department presented paper titled "Relationship Extraction in Clinical Health Data using NLP".
20. Mrs. Shubhada V.P. of ISE department presented a paper titled "Health Care Survey System Using web Interface".
21. Mr. Deekshith K. of ISE department presented a paper titled "Automated Hydroponics Greenhouse Monitoring system using Adafruit.io controlled by Google Assistant".
22. Mr. Premkumar S. of Mechanical Engineering presented a paper titled "Study on solar dryer coupled with flat plate collector".
23. Mr. Sridhara T. and Mahesh Patil of Mechanical Engineering a paper titled "Review on 3D Printer – A New Technology".
24. Mr. Vishwanatha Bhat of Civil Engineering presented a paper titled "Analysis of land use/land cover from Space: Spectral Index Approach".
25. Mr. Vinaya Shyam D. of Civil Engineering presented a paper titled "Effect of Water Cement Ratio on the Compressive Strength of Brick Bat Concrete".
26. Mr. Hanumanthraju S.K. of Civil Engineering a presented a paper titled "Geopolymer concrete - An eco-friendly material".
27. Dr. Rajatha, Librarian presented a paper titled "ICT based Library and Information Services: A Study of SDMIT Learning Resource Centre".

Journal Publications

- Dr. Suresh K. published a paper titled "Implementation of Spectral Subtraction using Subband filtering in DSP C6748 Processor for Enhancing Speech Signal" in Advances in Machine Learning and Data Science (Springer Singapore Publisher) (Publication details: ISBN 978-981-10-8568-0, March 2018).
- Mr. Vinaya Shyam D. and Mrs. Priscilla M. of Civil Engineering published a paper titled "The Study on the Performance of Cement Mortar by Replacing the Fine Aggregate with E-Plastic Waste" in The International Journal of Engineering and Technology.
- Dr. S. Samshuddin of Chemistry published a paper titled "Pyrimidine derivatives as potential corrosion inhibitors for steel in acid medium – An overview" in the International Journal of Corrosion and Scale (Scopus indexed journal) (Publication details: Vol. 7, No. 1, pp. 48–61, 2018).
- Mr. G.P. Hegde of ISE department published a paper titled "Fusion of MRI and CT Images of Brain Tumor - Comprehensive Survey" in the International Journal of Recent Trends in Engineering and Research (Publication details: Vol. 4, Issue 2, 2018, ISSN: 2455–1457).
- Mr. Chandrappa of CSE department published a paper titled "IoT Based Automatic Student Attendance Monitoring System" in International Journal of Computer Sciences and Engineering (IJCSE) (Publication details: Vol. 6, Issue 2, pp. 329-336, February 2018).
- Mr. G.P. Hegde of ISE department published a paper titled "Human Activity Recognition and Classification –A Comprehensive Survey" in the International Journal IJSRST (Publication details: Vol. 4, Issue 5, 2018, ISSN: 2395-6011).
- Mr. Jayaram Bhat of Mechanical Engineering published a paper titled "Recent Advances on Al-Si alloys with Ternary Alloying Elements" in Research and Development in Materials Science (Publication details: Vol. 4 (3), 587, ISSN: 2576-8840).
- Mr. Raveesha P. of Civil Engineering published a paper titled "Experimental Analysis on Mechanical Properties of Concrete Made by demolished Concrete Aggregate and Quarry Dust" in the International Journal of Civil Engineering Research (IJCER) (Publication details: Vol. 5, Issue 4).



Photo Gallery



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