

Poojya Dr. D. Veerendra Heggade
President, SDM Educational Trust (R.), Ujire

|| Om Shree Manjunathaya Namaha ||

ESSENCE...



An official **NEWSLETTER** of

The spirit within

S.D.M. Institute of Technology, Ujire - 574 240

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

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Jan 2016 | Vol-III | Issue-I

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CHIEF EDITOR

Dr. K. Suresh

CO – EDITORS

Dr. Girish Kumar

Mrs. Naada E.

Mr. Raghuveera Pandith

Editor's Voice.....

The college witnessed proud moments during the concluded semester with the reception of prestigious "ISTE Best Faculty Chapter Award" and "Best ISTE Chapter-Karnataka Section". It's my immense pleasure to share this happiness with all of you and congratulate each and every member of SDMIT for making this happen.

This issue of "ESSENCE – The Spirit With in." brings in the various institutional and departmental activities carried out in the concluded odd semester. I express my appreciation towards all the head's of the department and coordinators of various committees for their sincere efforts in the conduction of all these events.

EDITOR
Dr. K SURESH

Our Vision

"To be a global leader with Excellence in Technology, Education, Research and Innovation."

Our Mission

We, at SDM Institute of Technology, strive to:

- ▶ Achieve academic excellence in engineering and technology by providing a globally competitive environment.
- ▶ Encourage innovative ideas and provide a value based education through an experienced, knowledgeable and dedicated faculty.
- ▶ Inculcate a culture of integrity, self-reliance, leadership and community responsibility.
- ▶ Promote industry-institute interaction through successful collaboration with leading industries.



"Originality is the essence of true scholarship. Creativity is the soul of the true scholar" - Nnamdi Azikiwe

[NEWS @ SDMIT]

Orientation Program

Inauguration and Orientation Program for 1st year Engineering students was held on 1st August 2015 at SDM Naturopathy and Yogic Sciences seminar hall. The program was inaugurated by Dr. Anil Kumar Ramshesh, Honeywell-Fellow, Honeywell Technology Solutions, Bangalore. The inaugural function was presided over by Dr. K. Suresh, Principal, SDMIT, Ujire.



Orientation Program for 1st Year Engineering Students

12th ISTE Student Convention

S.D.M. Institute of Technology had organized 12th ISTE Student Convention with a theme on "Sustainable Developments through Innovative Technologies for Rural Needs" on 12th September 2015. This event was inaugurated by C.K. Subbaraya, chairman, ISTE, Karnataka Section. The Inaugural function was presided over by Dr. D. Veerendra Heggade, President, SDME Society, Ujire. 445 students from various Engineering Colleges across the state participated in this event. Competitions on Coding, Circuit Debugging, Treasure Hunt, Paper Presentations, Quiz, Poster Exhibition and e- Treasure Hunt were organized during the event



Inaugural Function



Paper Presentation Competition



"Skilling is building a better India. If we have to move India towards development then Skill Development should be our mission"

Red Fort, Delhi 15th August 2014

Shri Narendra Modi

Prime Minister of India

AMBIORA – 2015

AMBIORA 2015 was organized by the students of S. D. M. Institute of Technology, to celebrate Teachers Day and Engineer's Day on 26th September 2015. Various sports and cultural events were conducted by the students for both Teaching and Non Teaching Staff as a part of AMBIORA 2015. Dr. K. Suresh, Principal and Prof. Udaykumar Malla, Dean, Student Welfare inaugurated the program.



AMBIORA 2015 at S. D. M. Institute of Technology

[CAMPUS UPDATES]

IIT Remote Centre

One Week ISTE STTP for Coordinators

- Mr. Vinay M. R., Assistant Professor, Department of Civil Engineering participated in coordinators workshop on "Introduction to Structural Engineering" at IIT-Bombay During 28th September to 2nd October 2015.
- Mr. Lakshmi Sagar P. S., Assistant Professor, Department of Physics participated in coordinators workshop on "Engineering Physics" at IIT-Bombay during 7th September to 11th September 2015.

Two-Week ISTE STTP on Engineering Physics

Two-Week ISTE STTP on Engineering Physics was conducted at SDMIT, Ujire, Through IIT- Bombay Remote Centre during 8th December to 18th December 2015. Workshop was open for all the faculties from Engineering Colleges and Science Colleges.

MTLC Sessions

Training sessions on Unified Technology Learning Platform (UTLP) kits was conducted for students of various disciplines on 9th October 2015, at Wipro Mission 10X Technology Learning Centre by Prof. Madhusudhana K., Prof Amith K. Jain, Prof. Varun Kumar S.K., and Prof. Naveen Kumar H. N.



Training Sessions on UTLP Kits

[CAMPUS EVENTS]

Department of Electrical and Electronics

One Day Workshop on “Communication Skills”

Department of Electrical and Electronics Engineering had organized one day workshop on “Communication Skills” for 7th semester and 5th semester students on 24th September 2015. Prof. Sooryanarayana Bhat, SDM College Ujire, was the resource person of the event.

Two-day’s Workshop on “Repair of Domestic Appliances”

Department of Electrical and Electronics Engineering organized a Two-day workshop for 7th semester EEE students on “Repair of Domestic Appliances” at RUDSETI Campus, Ujire on 6th and 7th November 2015. The sessions were conducted by Mr. Humayoon, trainer, RUDSETI, Ujire.

Inter-Departmental Quiz Competition “Techno-Quiz”

Department of Electrical and Electronics Engineering organized an Inter-departmental Quiz competition “Techno-Quiz” during 05th – 6th November 2015.

Department of Electronics and communication

Interactive Session on “How to Face an Interview”

The E&C department Association “EAGERS” had organized an interactive session on “How to Face an Interview” for pre-final year students on 30th September 2015. The final year students “Shyna Bollamma, Neena Ann George, Arun Vijayan and Sakhare Nitin Narayan” of the department took an initiative to guide 5th semester students by conducting mock tests and group discussions. Important tips and guidelines to crack the interview were shared by our final year students during this event. Prof. Mahesh M, Prof. Raghuvveera Pandith and Prof. Mahesh D. S. coordinated the session.



Interactive Session on “How to Face an Interview”



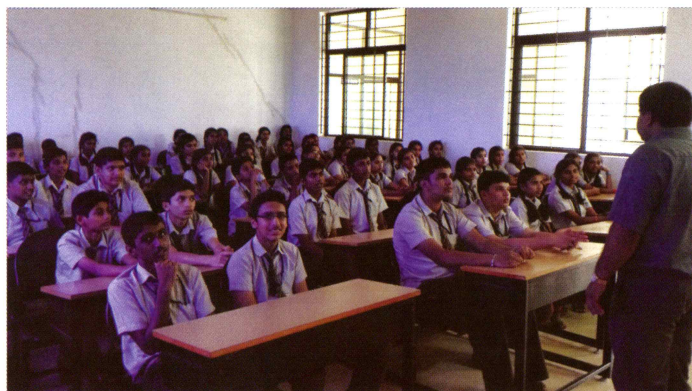
- “Before you start some work, always ask yourself three questions - Why am I doing it, What the results might be and Will I be successful. Only when you think deeply and find satisfactory answers to these questions, go ahead.”
- “Once you start working on something, don't be afraid of failure and don't abandon it. People who work sincerely are the happiest.”

-Chanakya



Project Exhibition

Department of ECE had organized Project Exhibition for high School Students of S.D.M.E.M. School, Ujire on 5th October 2015. Projects on Home automation like Automatic control of lights and fan, Automatic control of doors, etc. were displayed during the event. This event was coordinated by Prof. Varunkumar S.K., and Prof. Naveen Kumar. H.N. Prof. Amith K. Jain. Prof. Subramanya Bhat, Dept of EEE had an interactive session about automatic packaging of mineral water bottles with the students during the occasion. About 80 students from Std. X participated in the event.



Project Exhibition for High School Students of S.D.M.E.M. School, Ujire

Workshop on “Programming Skills”

Electronics & Communication Association conducted Two days workshop on “Programming Skills” on 28th - 29th August 2015. Trainer Mr. Srinivas G, Freelance Technology Consultant, Hyderabad, trained 5th Sem EC students on Programming areas like C, Data Structures, Object Oriented Programming and Java. The workshop was proposed to enhance programming skills of the students by solving various case studies on real time condition.



“Happy is the nation which can rise to the necessity of but few law books, and needs no longer to bother its head about this or that institution. Good men rise beyond all laws, and will help their fellows to rise under whatever conditions they live. The salvation of India, therefore, depends on the strength of the individual, and the realisation by each man of the divinity within.”

— Swami Vivekananda —



Department of Computer Science and Engineering

Peer-to-Peer learning

The CS&E departmental association ASCII organized a new event called Peer-to-Peer learning on 22nd August 2015. Prof. Pradeep Kumar, Assistant Professor in the department coordinated the event. About 24 Final year students actively participated in the event. In this event final year students taught basic concepts of C programming to the third semester students. It was observed that students showed active participation and rehearsed programming concepts with hands-on experience from their senior wards.



“Self-learning” Programme

Dept. of CSE had organized a “Self-learning” programme for 5th semester students on 6th October, 2015. This event was coordinated by Prof. Suchetha & Prof. Anusha G Rao, Assistant Professors in the Dept of CSE. Dr. Thyagaraju G S, Prof & HOD initiated the event & motivated students to actively participate in the event.

Prof. Raghavendra Patil, Prof. Rakshith M. D. & Prof. Arjun K. from the department were invited to make the judgments on the student’s work, presentation & understanding about the relative topic. Students were divided into various groups having 5-6 members in each. They were asked to discuss and choose a topic from their current syllabus and work on the topic together. They were given 1 hour for the preparation and were free to use any resources for the preparation as well as for the presentation.



Students Presenting Their Topic of Interest

Student Development Programme (SDP) on “OOPS USING JAVA” & “DATA STRUCTURES USING C”

Dept of CSE had organized 2 days Student Development Programme (SDP) on “OOPS USING JAVA” & “DATA STRUCTURES USING C” for 3rd & 7th semester students during 2nd – 3rd October, 2015. The programme was inaugurated by Dr. K. Suresh, Principal, SDMIT. Prof. U P Kulkarni, Prof. G C Karur & Prof. Govind from SDMCET, Dharwad were the resource persons of the SDP. Prof. Manoj Gadiyar & Prof. Rakshith M D coordinated the SDP. Prof. Arjun k & Prof. Shruthi H R actively participated in the SDP. During this occasion Gandhi Jayanthi was also celebrated by the Dept. of CSE by garlanding the portrait of Mahatma Gandhiji & by paying tribute to the great man who struggled to make India independent.



Principal and HOD with Resource Persons during the Inaugural Function

SDP on “BIG DATA USING HADOOP”



Principal, HOD's of CSE/ISE & Resource Persons during the Inaugural Function

Two days Student Development Programme (SDP) was organized by CSE and ISE department on “BIG DATA USING HADOOP” for 5th & 7th semester students during 10th – 11th October, 2015.

Dr. K. Suresh, Principal inaugurated the SDP and motivated students to make use of such technical skill development programmes that helps them to shape up a bright career in future. The welcome speech was given by Prof. Dharmanna L, HOD, ISE who introduced the resource persons Mr. Srinivas & Mr. Praveen Kumar who came all the way from Hyderabad for conducting the SDP. He also motivated the students to make effective use of SDP. Dr. Thyagaraju G S, HOD, CSE delivered the vote of thanks where he expressed his gratitude towards the Management & Principal for the encouragement and co operation extended. Prof. Shobha Sharma from ISE & Prof. Rakshith MD from CSE coordinated the event.

Department of Information Science and Engineering

Hands-on Session on “Operating System Installation”

The Department of Information Science and Engineering organized a Hands-on session on “Operating System Installation” for the students of all branches of SDMIT on 29th August 2015. This program was inaugurated by Prof. Dharmanna L, HOD, ISE Department and conducted by Prof. Basavaraj Patil, Assistant Professor, Department of ISE. Various topics like types of O.S., History and Architectures of different O.S. were discussed during the session, which was later followed by Hands on Installation of Operating systems.



Inter Department Aptitude Test

Inter Department Aptitude Test

Department of ISE had organized an Inter Department Aptitude Test on 4th September 2015. More than 100 students participated in the event. Prof. Dharmanna L., H.O.D., Dept. of ISE and Prof. G. P. Hegde, Association Chairman Inaugurated the event, Prof. Usha G. R. and Prof. Shubhada V. P. coordinated the event.

Inauguration of “ISE Department Staff and Student Association”

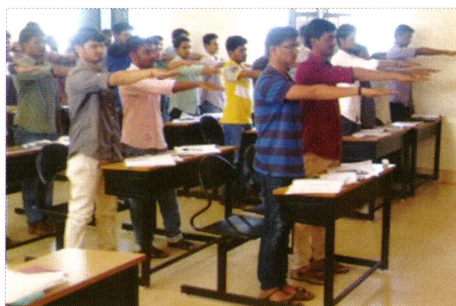
“ISE Department Staff and Student Association” was inaugurated on 2nd November 2015 by the Chief Guest Shri P. Jeevandhar Kumar, Chief Executive Officer, SDME Society, Ujire. Dr. K. Suresh, Principal and Prof. Dharmanna L., HOD of ISE Dept were also present during the occasion. A “Classical Musical Program” was also held on this occasion.



Department of Mechanical Engineering

National Unity Day

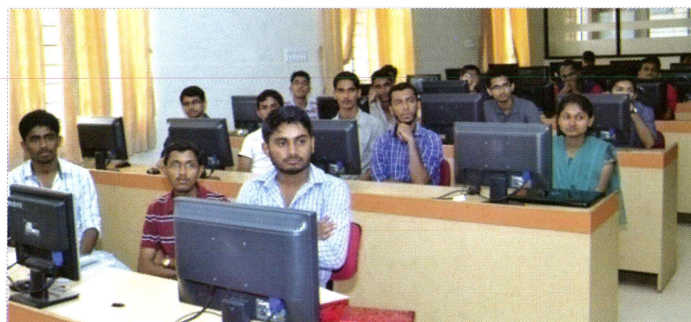
National Unity Day was observed in the Departments of Mechanical and Civil Engineering on 31st October 2015 on account of Birth Anniversary of great national leader late Sardar Vallabhbhai Patel. Unity pledge was taken by the students and staff during the occasion.



Students and staff taking Unity Pledge during National Unity Day

Workshop on “AUTOMATION”

Department of Mechanical Engineering organized 6 days workshop on “AUTOMATION” for Final year Mechanical Engineering students from 3rd August to 8th August 2015. In the training students were exposed to the areas of PLC, HMI/ MMI, SCADA, AC Drive and Analog system through Theory and Practical sessions. Mr. Himanshu Kumar and Mr. Dev of Indwell Institute of Technology, Pune were the Resource persons for the workshop. The programme was coordinated by Prof. Sridhara T., Prof. Jayaram Bhat and Prof. Sunil Ragha.



Workshop on “Google Apps for Education”

Department of Mechanical Engineering had organized a workshop on “Google Apps for Education” for the students of 4th year, 3rd year and 2nd year on 28th August, 16th September and 31st October 2015 Respectively. Prof. Lakshmi Sagar P. S., Department of Physics and Prof. Sukesh N., Department of Mechanical Engineering were the Resource persons for the programme.



Google Apps for Education –Training by Prof. Lakshmisagar P.S.

Technical talk on “Job Opportunities and Design aspects on learning CATIA Modeling & Analysis Software

Department of Mechanical Engineering had organized a Technical talk on “Job Opportunities and Design aspects on learning CATIA Modeling & Analysis Software” for II and III year students on 15th September 2015. Mr. Basanagowda of Manjunatha Design Solutions, Bangalore was the Resource Person for the talk.

Technical talk on “Possible Projects in the Areas Renewable Energy and Automation”

A Technical talk on “Possible Projects in the Areas Renewable Energy and Automation” was conducted to Final year Mechanical Engineering students on 31st August 2015. Prof. Sathyanarayana P. of Electrical Engineering Department briefed about the possible project problems in the fields of solar energy, wind energy and bio-mass energy. Prof. Sridhara T. of Mechanical Engineering Department briefed about the projects that can be carried out in Bosch-Rexroth Centre of Excellence of SDMIT. At the end Dr. Girish Kumar presented the list of projects funded by KSCST and thrust areas for funding. Prof. Premkumar was also present during the occasion.



Technical talk on “Possible Projects in Renewable Energy and Automation”

Tech-Booth - Technical Exhibition on Engineer's Day

Engineers Day was celebrated by Mechanical Engineering Students on 15th September 2015. Dr. K. Suresh, Principal. Presided over the function. A Documentary on Sir. M. V. was shown during the occasion. Dr. Girish Kumar, Professor and Head, Mechanical briefed about the Life and Achievements of Sir. M.V., Prof. Mahesh B. Patil, Prof. R. Manjunath, Dr. Basava T., Prof. Sukesh N. of Mechanical Engineering and Prof. Vinay Shyam D. of Civil Engineering shared their industrial experiences during the programme. After formal function, technical exhibition "TECH BOOTH" was held in which eleven Engineering concepts were exhibited by students of different engineering streams in the form of charts and presentation.



Lighting Lamp during Engineers Day



Participants Watching Documentary on Sir. MV



TECH BOOTH Exhibition on Engineers Day



Dr. Shambu Shastry Addressing the Students

Awareness Talk on "Critical National Challenges Faced By the Country"

Dr. Shambu K. Shastry, Executive Director, Centre of ART, SIT Tumkur enlightened Final year students of Mechanical and Civil Engineering on 21st September 2015 about Critical National Challenges faced by the country and associated project ideas to address the issues.



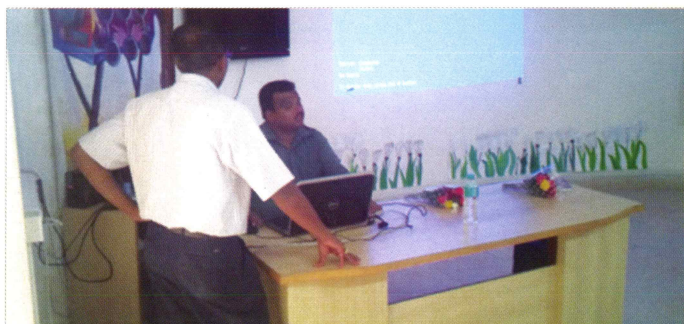
"Valuable advice can sometimes come from an unexpected source, and chance events can sometimes open new doors"

"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, Co-Founder, Infosys

Technical talk cum workshop on “Thermal Fluid Simulation and Manufacturing Analysis”

A Technical talk cum workshop on “Thermal Fluid Simulation and Manufacturing Analysis” was conducted for IV year Mechanical Engineering students on 3rd October 2015. Mr. Sathyanarayana and Mr. Santhosh N.L. of DHIO Reserach and Engineering Limited, Bangalore were the Resource Persons. Prof. Jayaram Bhat, Asst. Professor, Department of Mechanical Engineering coordinated the programme.



Technical Talk on “Thermal Fluid Simulation and Manufacturing Analysis



Prof. Naveen Kalal (Explaining the Working of Gyroscope)

Technical Talk on “Gyroscopic Applications”

A technical talk on “Gyroscopic Applications” was conducted for IV Year Mechanical Engineering students on 14th October 2015. Prof. Naveen Kalal of Canara Engineering College, Benjanapadavu was the resource person for the talk. Prof. Mahesh B. Patil, Asst. Professor, Department of Mechanical Engineering coordinated the programme.

Webinar on “Opportunities for Pro-E/UG Engineers in Auto-Robotics Industry”

An interactive webinar on “Opportunities for Pro-E/UG Engineers in Auto-Robotics Industry” was arranged for Final Year Mechanical Engineering students on 27th November 2015. Mr. Sudheendra and Mr. Nishanth of Winyasa Technologies, Bangalore were the resource persons for the webinar. Mr. Suresh N., Asst. Professor, Department of Mechanical Engineering coordinated the Programme.



Department of Civil Engineering

Technical talk on “Basics of Photogrammetry and Remote Sensing”

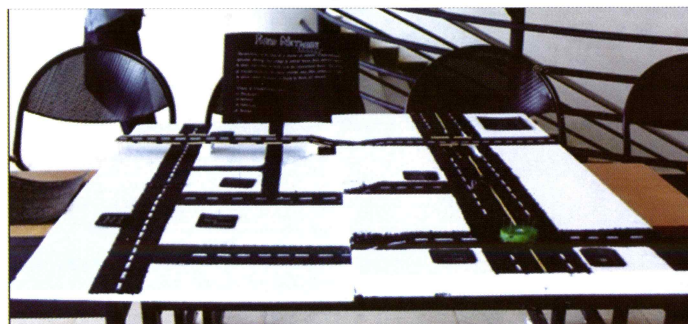
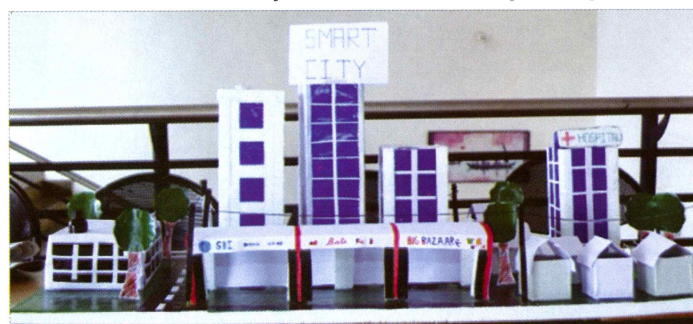
A Technical talk on “Basics of Photogrammetry and Remote Sensing” was conducted to IV and III year Civil Engineering students on 28th August 2015. Dr. Gangadhara Bhat H., Professor, Department of Marine Geology, Mangalore University was the Resource Person for the talk.



Talk on “Basics of Photogrammetry and Remote Sensing” by Dr. Gangadhara Bhat of Mangalore University

Engineers Day Celebration

Engineers Day was celebrated by the students of Civil Engineering on 23rd September 2015. An exhibition of models was arranged on the occasion in which II and III year students of Civil Engineering exhibited number of models related to Civil Engineering structures.



Model Exhibition by Civil Students

Technical Talk Series cum Workshop

The Department of Civil Engineering organized Technical Talk Series cum Workshop on 23rd September 2015 as a part of Techno-week celebrated in connection with Engineers Day for the students and faculty of Civil Engineering. The workshop was supported and sponsored by The Association of Consulting Civil Engineers, Mangalore and Ramco Cements Limited. The first talk of the workshop was on “Basics of Civil Engineering” and the talk was delivered by Dr. H.C. Chennagiri Gowda. The second talk was on “Pile Foundation” and it was delivered by Mr. Arun Prabha. The students and faculty of Civil Engineering Diploma (from SDM Polytechnic) also attended the workshop. Prof. Raveesha P., Asst. Professor, Civil Engineering coordinated the workshop.



Garlanding the Portrait of Sir. M.V.



Audience of the Workshop

Department of Basic Sciences

Guest Lecture on “Search for an Extra Terrestrial Life”

The Department of Physics organized a talk on “Search for an Extra Terrestrial Life” for the physics cycle students on 8th October 2015. Prof. Ramesh Bhat, Principal, Sri Mahaveera P.U. College, Moodabidri, was the resource person of the event.

Techtronics - 2015

The Department of Physics of SDMIT, Ujire in collaboration with SDM PG College organized a workshop on robotics named as Techtronics 2015 on 26th, 27th and 2nd of October 2015. The workshop was coordinated by a group of students under the guidance of Prof. Lakshmisagar P. S. and Dr. Chethan Rao. The workshop aimed at promoting the essential graduate attributes of teamwork, effective communication, self-training, deep learning and problem solving skills.



Techtronics - 2015

Guest Lecture on “Sonochemistry and its Applications”

The Department of Chemistry organized a guest lecture on “Sonochemistry and its Applications” for chemistry cycle students (1st semester) at seminar hall on 31st August 2015. Rtd. Professor, Dr. Manjunath Somayaji was the resource person of this event. Dr. Manjunath Somayaji explained about the impact of a low energy ultrasound on the rate of chemical reaction in a great way.



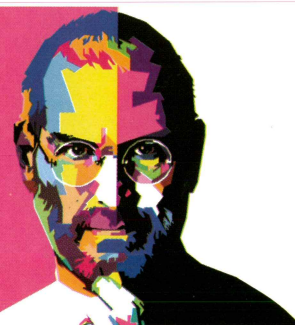
Guest lecture on “Sono Chemistry and its Applications”

“Sometimes when you innovate, you make mistakes. It is best to admit them quickly, and get on with improving your other innovations.”

“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



84th Birth Anniversary of Late Ex-President, Dr. A.P.J. Abdul Kalam

The Department of ISE and Mathematics celebrated the 84th Birth Anniversary of Late Ex-President, Dr. A.P.J. Abdul Kalam on 15th, October 2015 at SDM Institute of Technology, Ujire. The program was inaugurated by Dr. K. Suresh, Principal, SDMIT, Dr. Vidya K, HOD of Mathematics and Prof. Dharmanna L, HOD of ISE. The event was coordinated by Mr. Basavaraj Patil, Dept. of ISE and Mr. Ramesh, Dept. of Mathematics.

Principal Dr. K. Suresh addressed the gathering and inspired the students by remembering the achievements of the late Ex- President, Dr. A.P.J. Abdul Kalam. A quiz competition for the students was also conducted during this occasion.



Innovation and Entrepreneurship Development Centre Robozest Workshop

The Department of Mechanical Engineering, Innovation & Entrepreneurship Development Centre and ISTE Chapter organized Robozest Workshop for students on 18th and 19th September 2015. More than 100 students of different engineering branches participated in the workshop. Resource persons from IIT – Kanpur facilitated the deliberations. Mr. Genesh C. Shet and Mr. Madhu G. of IV Year Mechanical coordinated the programme.

Faculty Development Program on “Entrepreneurship for Academicians”

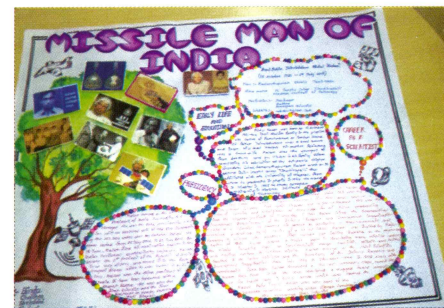
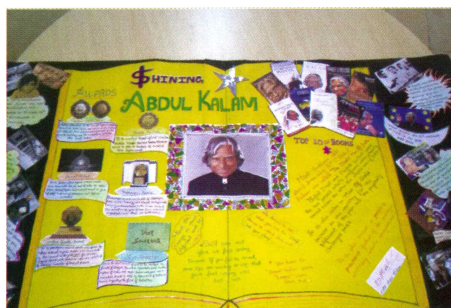
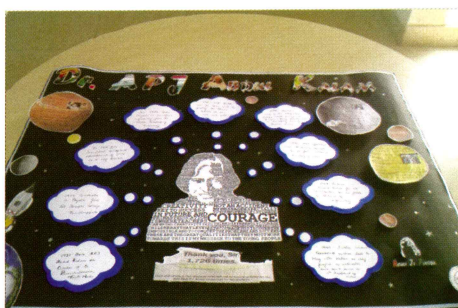
A two week Faculty Development Program on “Entrepreneurship for Academicians” Sponsored by DST, New Delhi and EDII, Ahmadabad was organized from 7th December to 19th December. This event was organized by Dr. Basava T., Head IEDC and was co-ordinated by Mr. Sridhar T., Dept of M.E., Mr. Anil Prabhu, Mr. Naveen Pagadh, Dept. of ISE., Mr. Vinay Sham, Dept. of Civil, Mr. Mahesh M., Dept of ECE and Mr. Somashekar D.P., Dept of EEE.



Faculty Development Program on “Entrepreneurship for Academicians”

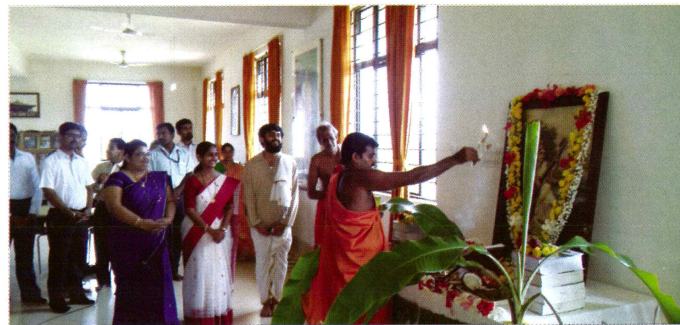
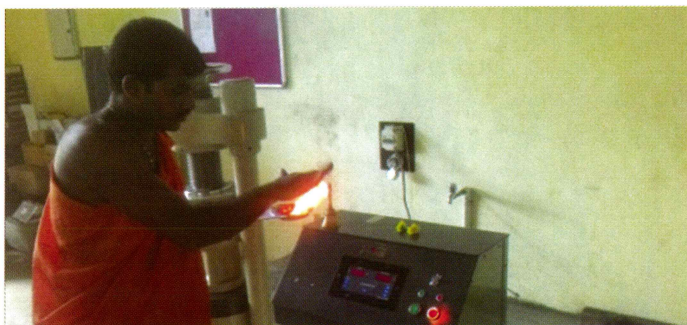
[MISCELLANEOUS ACTIVITIES]

- The Department of Computer Science and Engineering had organized an "Inter Department Chess Competition" for all the students of SDMIT during 23rd to 26th September 2015. The program was inaugurated by Dr. Thyagaraju G S, H.O.D., Dept. of CSE and was coordinated by Prof. Chandrappa S., Assistant Professor, Department of CSE. 44 students from various departments participated in this event. Shyam Sundar of I Semester, F Section secured 1st place & Vivek Joshi, of III Semester, Mechanical Engineering secured 2nd place in the event.
- The Department of Information Science and Engineering organized the following inter department events:
 - Intra-college "CARROM Tournament" from 29th September 2015 to 3rd October 2015.
 - Wall Magazine Competition on 14th October 2015, with the Theme "A Tribute to Missile Man of India Dr. A. P. J. Abdul Kalam."



Wall Magazine Competition held by Dept. of ISE

- Ayudha Pooja and Sharada Pooja was celebrated at SDMIT, Ujire on 21st October 2015. Students, Hod's, Faculty members and other staffs of the institution were present during the occasion.



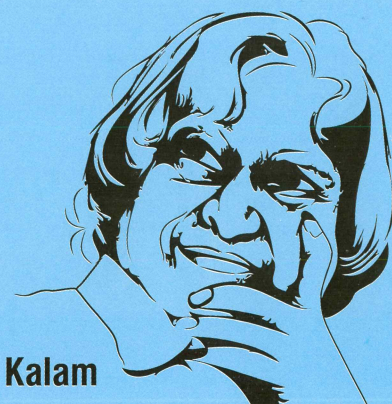
Ayudha Pooja and Sharada Pooja Celebrations @ SDMIT.

"If you want to shine like a sun. First burn like a sun."

"Don't take rest after your first victory because if you fail in second, more lips are waiting to say that your first victory was just luck."

"Man needs difficulties in life because they are necessary to enjoy the success."

Dr. A.P.J. Abdul Kalam



[TRAINING AND PLACEMENT]

Pre Placement Training

Pre placement training for all the final year students was held on 8th and 9th August 2015 by Innovation Unlimited Training Services, Bangalore. The program was coordinated by Mr. Ramkrishna Hegde, Training Officer. The training was conducted to prepare the students for the placement activities.

Campus Drives at S.D.M. Institute of Technology

- **Robosoft Technologies** exclusively visited our campus on 29th August 2015 for campus recruitments.
- **Global Edge Software Ltd.** exclusively visited our campus on 30th September 2015 for campus recruitments.
- **Span Infotech Pvt. Ltd.** exclusively visited our campus on 22nd September 2015 for campus recruitments.
- **Tech Mahindra Limited** exclusively visited our campus on 19th August 2015 for campus recruitments.



Pre-Placement Talk by Tech Mahindra Limited.

Our students participated in pool campus drive of following companies:

- | | | |
|--------------------------|--------------------------------------|------------------------------|
| ➤ Maventic technologies. | ➤ IBM Corp. | ➤ Manipal Group Pvt. Ltd. |
| ➤ Odessa technologies. | ➤ Evive Software Analytics Pvt. Ltd. | ➤ L & T InfoTech. |
| ➤ Retailon technologies. | ➤ TechJini Solutions Pvt. Ltd. | ➤ Cigital Software Pvt. Ltd. |
| ➤ UST-Global. | ➤ XLDynamics Pvt. Ltd. | ➤ Trianz Inc. |
| ➤ I-Wave Systems. | ➤ Mphasis Pvt. Ltd. | ➤ New Tech Solutions. |
| ➤ Accord Software. | ➤ Good through Software Pvt. Ltd. | ➤ HP Inc. |

A total of 66 students have been placed during the period.

[COMMUNITY SERVICES]

“GO GREEN” Movement

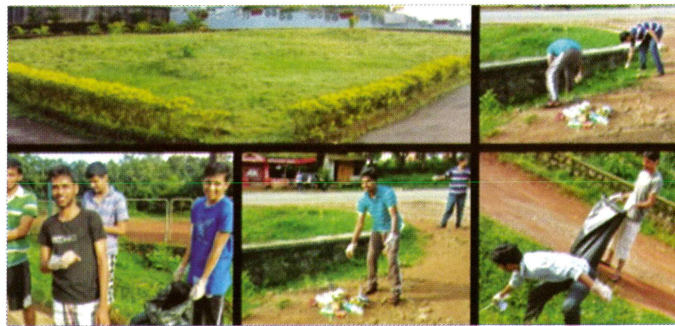
NSS unit of SDMIT, Ujire organized a “GO GREEN” movement on 12th September 2015. NSS volunteers of the institution planted saplings across various places within the campus of SDMIT, during this occasion.



“GO GREEN” Movement at SDMIT Campus

Swachatha Abhiyan

Students of III Year Mechanical Engineering participated in Swachatha Abhiyan on 2nd October 2015 on account of Gandhi Jayanthi.



Swachatha Abhiyan

[CAMPUS ACHIEVEMENTS]

Best ISTE Faculty Chapter Award

S.D.M. Institute of Technology, Ujire was awarded with "Best ISTE Faculty Chapter Award" at 12th ISTE Faculty convention held at PES University, Bangalore during 6th - 7th November 2015.

Best ISTE Chapter Award



S.D.M. Institute of Technology, Ujire was awarded with "ISTE Best Chapter Award - Karnataka Section" for the year 2015 at 45th Annual National convention and International Conference held at H.V. Mandal's College of Engineering and Technology, Amravathi, Maharashtra. Shri. Hansrajji Ahir, Union Minister of State for Chemicals and Fertilizer, Govt. of India, Shri. Girishji Bapat, Minister of Food, Civil Supplies and Consumer Protection, Govt of Maharashtra, Dr. Ranjeev Patil Minister of state home (Urban Development), Govt. of Maharashtra and Dr. Pratapsinh K. Desai, President, ISTE, New Delhi were among the dignitaries present during the Award Ceremony.

Student Achievements

- Ashith Surya of III Year Mechanical got selected for VTU Badminton Team to participate in Inter University Sports Competition.
- Preetham M.N. of III Year Mechanical along with Neerendra Hegde of II Year ISE participated and presented a project in Science Exhibition organized by Pilikula Regional Science Centre and IEEE Mangalore Subsection at Pilikula, Mangalore on 19th and 20th September 2015.
- Akshith Shetty and Aditya Shetty of IV Year Mechanical Engineering won I Prize for the paper "Areca Nut Dehusker using Rubber Mat" in the ISTE Karnataka State Students Convention held on 12th September 2015 at SDMIT, Ujire.

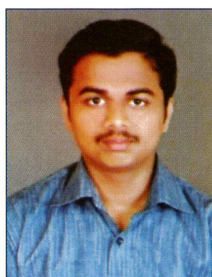


Preetham M.N. and group receiving the II Prize from Dr. Vinod Thomas, Director, MIT, Manipal in Project Competition during Engineers Day at Mangalore

- Preetham M.N. of III Year Mechanical along with his associates Madan C.S., Keshava Shreenidhi of II Year ECE and Neerendra Shreenidhi of II Year ISE won II Prize for the project “Auto Bots – Home Automation System” in the Project Competition “Do-it-yourself” organized by KDKUEA, Mangalore and IE (I), Mangalore Centre on 15th September 2015 as a part of Engineers Day Celebrations at Mangalore. The project was guided by Prof. Lakshmisagar P.S. of Physics Department.
- Sharath Krishna K., Shiva Kumar T, Stephen K. A., Vinay T., of III Year ECE, won III Prize for the project “Smart Home” in the Project Competition “Do-it-yourself” organized by KDKUEA, Mangalore and IE (I), Mangalore Centre on 15th September 2015 as a part of Engineers Day Celebrations at Mangalore.
- Sharath Krishna K., Shiva Kumar T, Stephen K. A., Vinay T., of III Year ECE, has participated in the UN declared & UNESCO Supported “2015-International Year of Light and Light Based Technologies” under project “Beyond the Bulb” in Regional Science Centre, Pilikula, Mangalore.
- Vipin Rai of 7th sem CSE, Vagesh S Mublimath of 7th EEE and Pranav S Badachikar of 5th sem ISE secured 3rd place in 'Technical Quiz Competition' organized by KDKUEA, Mangalore on 29th Aug 2015 at Sri Devi institute of technology, Mangalore.
- Vivek Joshi and Tejrav Gidaveera of II Year Mechanical Engineering participated in VTU level zonal chess competition held at SJMIT, Chithradurga during 30-31st August 2015.
- **Preetham M.N. of III Year Mechanical was invited as Resource Person for the “Techtronics – Workshop on Robotics” conducted at SDM PG College, Ujire on 26th and 27th September 2015. The Programme was coordinated by Prof. Lakshmisagar P.S. and Dr. Chethan Rao of Physics Department.**

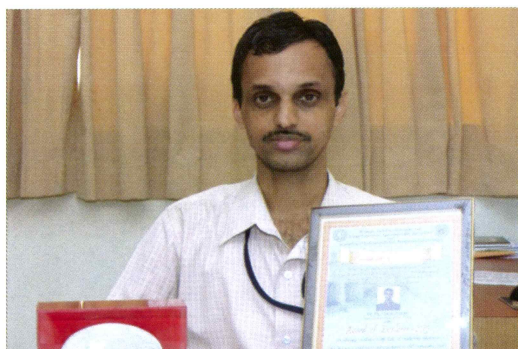
**Akshith Shetty****Aditya Shetty****Ashith Surya**

- **Yathish B. V. of 7th sem ECE won First Prize in VTU state level weight lifting and power lifting completion held at Global Academy of engineering, Bangalore.**
- Vivek Joshi of II year Mechanical Engineering was selected as “Best Chess Player in Belthangadi” based on his performance in International FIDE rated Open Chess Tournament held at Belthangadi during 14th -18th October 2015.
- Students of III and IV year Mechanical and Civil Engineering have conducted a session with practical demonstrations in the programme “Rajaa with Majaa” – winter camp for rural school children organized by Selco Research Foundation at Ratna Manasa on 16th and 17th October 2015.
- Kavyashree B.M. of III Year Civil Engineering got selected for the National Level Wrestling Tournament based on her performance in the VTU inter-collegiate single zone Wrestling Tournament held on 19th and 20th October 2015 at Koramangala Indoor Stadium, Bangalore.

**Preetham M.N.****Vivek Joshi****Kavyashree B.M.**

Faculty Achievements

- Dr. K. Suresh, Principal has been appointed as member of VTU Consortium Steering Committee by the VTU University, Belgaum. The University has established a VTU consortium for e-Resources to libraries, to help the affiliated colleges in acquiring e-Resources on an affordable cost through Consortium mode.
- Dr. K. Suresh, Principal, SDMIT, Ujire has been appointed by VTU as Chairman of B.O.E. for the Department of Electronics and Communication for the academic year 2015-16.
- Dr. Basava T., Associate Professor, Department of Mechanical Engineering has been appointed by VTU as Member of B.O.E. of Mangalore Region for the academic year 2015-16.
- Mr. Suresh N. of Mechanical received "Distinguished Speaker" certificate for successful conductance of sessions in workshop "Google Apps for Education" at SDMC, Ujire.
- Dr. Thyagaraju G S, H.O.D, Dept. of CSE, authored the following books
 - "Programming in C-Made Easy" which was published by Lambert Publishers, Germany on September 2015.
 - "Programming in C & Introduction to Data Structures", 2nd Edition which was published as e-book by kindle & Amazon during December, 2015.



Award of Excellence conferred to Dr. Girish Kumar by Engineers Associations during Engineers Day at Mangalore

- Dr. Girish Kumar, Professor and Head of Mechanical Engineering, was conferred with "Award of Excellence - 2015" by Kodagu, Dakshina Kannada and Udupi Engineers' Association and Institution of Engineers (India) Mangalore Local Centre during Engineers day on 15th September 2015 at Mangalore.

Faculty Publications

- Dr. K. Suresh, Principal, Presented a paper titled "Implementation of Robust Acoustic Echo Cancellation in the Short Time Fourier Transform Domain Using Adaptive Filter", in International conference on Nanomaterials and Nanotechnology (NANO-15), Center for nanoscience and technology at K.S. Rangasamy college of technology (Wiley Journal), during 7th – 10th December 2015.
- Dr. K. Suresh, Principal, published a paper titled "Effect of fullerene doping on the electrical properties of P3HT/PCBM layers", in the journal of Material Science in Semiconductor Processing, Elsevier 36 (2015) 7–12 IF: 1.8.
- Dr. Girish Kumar, Professor and Head of Mechanical Engineering, Prof. Sathyanarayana P. Asst. Professor, Electrical Engineering and Prof. Lakshmisagar P.S., Asst. Professor, Physics published a paper titled "Effect of Shading on the Performance of Solar PV Panel" in the "Energy and Power" (Publication details: 2015, Vol. 5(1A), pp. 1-4)
- Dr. Girish Kumar, Professor and Head of Mechanical Engineering, published a paper titled "Effect of Heat Treatment Variables on the Abrasive Wear Behaviour of Al-6061 Alloy and Al 6061-SiCP Composites Using Taguchi Technique" in the "American Journal of Materials Science" (Publication details: 2015, Vol. 5(3C), pp.151-156)
- Prof. Somashekar D.P, Assistant Professor, Dept. of EEE, published a paper on "Analysis of Distributed Generation Sources Considering Parameter For Distribution System Operational Planning" in International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353, Volume 14 Issue 2, 2015.
- Prof. Dharmanna Lamani, Professor and Head, Dept. of ISE and Prof. Chandrappa S., Assistant Professor, Dept. of CSE, published a paper entitled "Automated Diagnose of Neovascular Glaucoma Disease using advance Image Analysis Technique" in the "International Journal of Applied Information Systems (IJAIS)" ISSN 2249-0868 Foundation of Computer Science FCS, New York, USA Volume 9 –No. 1, September 2015.
- Prof. G.P. Hegde, Assistant Professor, Dept. of ISE, Published a paper entitled "Symmetrical Weighted Subspace Holistic Approach For Expression Recognition" in the "International Journal of Computer Science & Information Technology (IJCSIT) Vol 7, No 4, August 2015

- > Prof. Dharmanna Lamani, Professor and Head, Dept. of ISE Published a paper entitled, "Segmentation of Retinal Nerve Fiber Layer in Optical Coherence Tomography (OCT) Images using Statistical Region Merging Technique for Glaucoma Screening", International Journal of Computer Applications (0975-8887) (IJCA), Volume 128 - No. 10, pp. 32 -35, October 2015.
- > Dr. Girish Kumar, Professor and Head of Mechanical Engineering, Prof. Sukesh N., Asst. Professor of Mechanical Engineering and Prof. Lakshmisagar P.S., Asst. Professor of Physics published a paper titled "Heat Transfer Analysis of Fin Performance for PVT Absorber" in the "Journal of Mechanical Engineering and Automation" (Publication details: 2015, Vol. 5(3B), pp. 1-4).
- > Prof. Chandrappa S, Assistant Professor, Dept. of CSE, and Prof. Dharmanna Lamani , Professor and Head, Dept. of ISE published a paper titled "Segmentation of Retinal Nerve Fiber Layer in OCT Images Using Statistical Region Merging Technique for Glaucoma Screening", in International Journal of Computer Applications Foundation of Computer Science (FCS), NY, USA, (0975 - 8887) Volume 128 - No.10, October 2015, doi-10.5120/ijca2015906658, ISBN:973-93-80889-77-0.
- > Prof. Chandrappa S, Assistant Professor, Dept. of CSE, and Prof. Dharmanna Lamani, Professor and Head, Dept. of ISE published a paper titled "Automated Diagnose of Neovascular Glaucoma Disease using advance Image Analysis Technique" in International Journal of Applied Information Systems 9(6):1-6, November 2015, DOI-10.5120/ijais2015451374.
- > Prof. Chandrappa S, Assistant Professor, Dept. of CSE and Dr. Dharmanna Lamani, Professor and Head, Dept. of ISE, published a paper titled "Different Clinical Parameters to Diagnose Glaucoma Disease: A Review", in International Journal of Computer Applications (0975 - 8887) 42-46, ISBN: 973-93-80886-37-0, DOI: 10.5120/20295-2743, Volume 115 - Number 23, November 2015.
- > Prof. Madhusudhana K, Assistant Professor, Dept. of ECE & Dr. Jagadeesha S. Professor, Dept. of ECE, published a paper titled "Rhombus Shaped Reconfigurable Micro strip Antenna for CDMA wireless Applications" in ICTACT Journal on Communication Technology (Publication details: Volume 06, Issue 04, December - 2015, ISSN (Online):2229-6948
- > Prof. Mohan Naik R., Assistant Professor, Dept. of ECE, Presented a paper titled "A Comparative Analysis of Secret Sharing Schemes with Special Reference to e-Commerce Applications" (details: 978-1-4673-9563-2/15) at IEEE International Conference on Emerging Research in Electronics and computer science and Technology (ICERECT-2015) during 17th to 19th December 2015. His paper was awarded with "Best Paper Award" during the occassion.



PHOTO GALLERY

