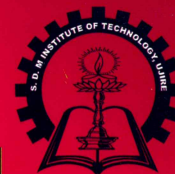


Poojya Dr. D. Veerendra Heggade
President, SDM Educational Trust (R.), Ujire

|| 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, Belagavi, Recognized by AICTE, New Delhi)

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IN THIS ISSUE...

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- Campus updates
- Campus events
- Campus achievements
- Faculty achievements

CHIEF EDITOR

Dr. K. Suresh

CO – EDITORS

Dr. Girish Kumar
Mrs. Naada E.
Mr. Raghuvveera Pandith

Editor's Voice.....

The concluded semester was quite memorable, as we bid farewell to the students of 2012 -2016 batch. I wish all our students a very good luck and bright future. I feel happy to announce that our students were benefitted through Pradhan Manthri Kaushal Vikas Yojna. Around 250 students participated and benefitted from this programme.

This issue of "ESSENCE – The Spirit within" brings in the various institutional and departmental activities carried out in the concluded even 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.



The energy of the mind is the essence of the life - Aristotle

[NEWS @ SDMIT]

Annual Day – 2016 Celebrations

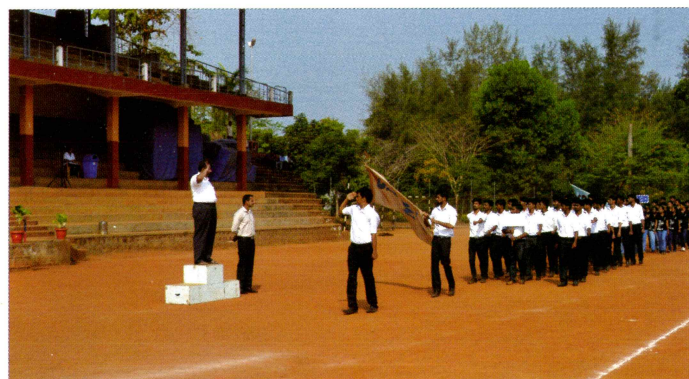
S.D.M. Institute of Technology, Ujire held it's Annual Day Celebrations on 29th March 2016. Sri J. Shrinavasa Raju, Chief Executive Officer, UTL Technologies, Bengaluru was the Chief Guest of the occasion. He addressed our students during the occasion and spoke about trends in technology for next few decades. Various Cultural programmes were performed by the students on the occasion.



Annual Day - 2016 Celebrations @ SDMIT

Annual Sports Meet 2016

S. D. M. Institute of Technology held it's Annual Sports Meet at Rathnavarma Stadium, Ujire on 28th March 2016. Dr. K. Suresh, Principal, Mr. Avadhut Kharat, Assistant Professor, Dept. of Physics and chairman of sports committee and Mr. Rajendra Prasad, Director of Physical Education were present on the dais. Various sports events were conducted on this occasion.



Annual Sports Meet - 2016



If seeds of good humanity and good culture are sown, the reward of a rich harvest can be reaped by generation to come. Education means such sowing, such implementing

Shri Narendra Modi
Prime Minister of India

“Awareness Programme on Support for Entrepreneurial and Managerial Development of SME through Incubators”

Ministry of Micro, Small & Medium Enterprises', Branch MSME Development Institute, Mangalore, organized an “Awareness Programme on Support for Entrepreneurial and Managerial Development of SME through Incubators” at S.D.M. Institute of Technology, Ujire on 27th February 2016. Mr. Ranga Prasad, Director, MSME, Bangalore, Mr. Ananda Murthy, Deputy Director, MSME, Bangalore and Mr. Socrates, Deputy Director, MSME, Mangalore were present on this occasion. Dr. B. Yashovarma, Secretary, S. D. M. Educational Society, Ujire was the Chief Guest on this occasion.



Awareness Programme on Support for Entrepreneurial and Managerial Development of SME through Incubators

Women's Day Celebrations at SDMIT

Women's day was celebrated at SDMIT on 8th March 2016. Dr. Shalip A. P., Professor, Department of Political Science, SDM College, Ujire was the Chief Guest of the occasion. On this event she spoke about the importance of celebrating Women's day on 8th of March and also enlightened us on need of creating awareness on gender issues. The event was organized by Ms. Rajatha, Librarian and Chairperson of Cultural committee.



Women's Day Celebrations at SDMIT

Climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your career.

God, our Creator, has stored within our minds and personalities, great potential strength and ability. Prayer helps us tap and develop these powers.

Those who cannot work with their hearts achieve but a hollow, half-hearted success that breeds bitterness all around.

Dr. A.P.J. Abdul Kalam



VTU Mangalore Zone and Inter Zone Men's Kabbadi Tournament

S.D.M. Institute of Technology, Ujire hosted "VTU Mangalore Zone and inter Zone Men's Kabbadi Tournament during 23rd to 27th April 2016. The event was inaugurated by Mr. Prashanth Rai, Pro Kabaddi Player in the presence of Dr. K. Suresh, Principal, SDMIT. A total of 13 teams participated from various colleges for the Mangalore Zone and a total of 16 teams participated from the entire state for the Inter Zone event. The winners and runners of the Inter Zone Tournament were Alva's Institute of Engineering, Technology and Management, Moodabidri and Vivekananda College of Engineering and Technology, Puttur respectively. The 3rd place in the tournament was secured by New Horizon college of Engineering, Bangalore. The medals and trophies to the champion teams were awarded by Dr. B Yashovarma, Secretary, S.D.M. Educational Society at the Prize Distribution function. Mr. Rajendra Prasad, Physical Director, SDMIT was the convener of the event and was co-ordinated by Sports Committee of SDMIT with support of entire staff and management.



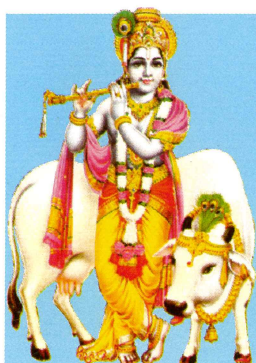
Kabbadi Tournament @ SDMIT UJIRE

Fare Thee Well – 2016

S.D.M. Institute of Technology, Ujire had organized Farewell Programme for final year students on 27th May, 2016. Mr. R.C. Jagadeesh, Director, Kluber lubrications India Pvt. Ltd, Bangalore was the chief guest of the occasion. Dr. B.Yashovarma, Secretary, S.D.M. Educational Society and Dr. K. Suresh, Principal were also present during the occasion. Mr. R. C. Jagadeesh addressed the students on this occasion and advised them to inculcate moral values along with technical knowledge. He also enlightened our students regarding the importance of cognitive learning in the technological domain. This Event was co ordinated by Prof. Ramkrishna Hegde, Assistant Professor (CSE) and Training and Placement officer, SDMIT.



Farewell Programme for Final Year Students



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 UPDATES]

IIT Remote Centre

FDP on "Use of ICT in Education for Online and Blended Learning"

Four Week AICTE Approved FDP on "Use of ICT in Education for Online and Blended Learning" was organized by IIT- Bombay through our remote centre. The first phase of the workshop was conducted on 14th and 15th May 2016. The second and third phase of the workshop was conducted on 4th- 5th June and 25th - 26th June 2016 respectively. The workshop is intended to train the faculties in effective use of online educational methodology, flipped classrooms with pedagogy learning. The workshop had lot of offline, online and face to face activities and assignments. Mr. Sukesh N., coordinator of Remote Center coordinated this workshop.



Bosch Rexroth Centre of Excellence One Week Workshop on "Automation"

Department of Mechanical Engineering and Bosch-Rexroth Center of Excellence had organized one week workshop on "Automation" for III year Mechanical Engineering students from 25th to 30th January 2016. During the training, students were exposed to the concepts of PLC, HMI/MMI, SCADA, AC Drives and Analog systems through theory and Practical sessions. Mr. Himanshu Kumar and Mr. Dev of Indwell Institute of Technology, Pune were the resource persons for the workshop.



One Week Workshop on Automation

Wipro Mission 10x Technology Learning Centre



- ❖ One day hands on session on UTLP kits conducted for all the faculty members of ECE department on 1st February 2016. Mr. Madhusudhana K., Mr. Amith K. Jain, Mr. Naveen Kumar H. N. and Mr. Varun Kumar K. were the coordinators of the session.
- ❖ 4th semester Students of ECE department were successfully trained to work on UTLP kits by conducting weekly sessions. Mini projects based on UTLP kits have been assigned for the trained students. These projects were continuously supervised by the coordinators of the programme. Mr. Madhusudhana K., Mr. Amith K. Jain, Mr. Naveen Kumar H. N. and Mr. Varun Kumar K. were the coordinators of the sessions.
- ❖ 8th semester students of ECE department have successfully completed the following projects on UTLP kits.
 1. Touch screen and GLCD based college catalogue system
 2. Health monitoring system for soldiers using UTLP kit.
 3. Department information system application based on UTLP kit.

[CAMPUS EVENTS]

Department of ECE

Technical Talk on “Design of Micro Strip Antenna using HFSS Tool”

Department of Electronics and Communication Engineering had organized technical talk on “Design of Micro Strip Antenna using HFSS Tool” for 6th Semester students on 5th Feb 2016. Prof. Halappa R. Gajera, Assistant Professor, Department of Electronics, University of Mysore, Post-Graduate Center, Hemagangothri, Hassan, was the resource person of the event. This event was coordinated by Dr. Jagadeesha S., Professor, Department of ECE..



A Technical Talk on “Design of Micro Strip Antenna using HFSS Tool”

Invited Talk on “Research Opportunities for Young Graduates”

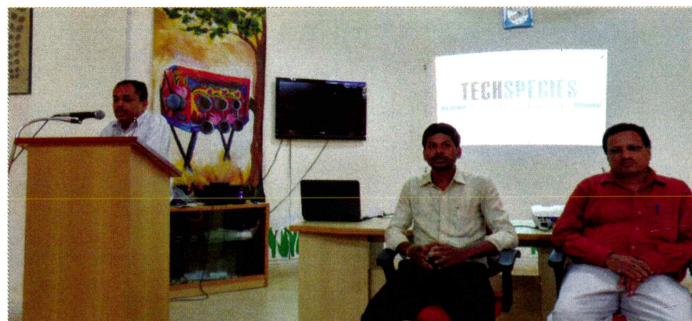
Department of Electronics and Communication Engineering had organized an Invited Talk on “Research Opportunities for Young Graduates” on 17th March 2016. Mr. Suraj Hebbar, Alumnus of SDMIT & Project lead, Pathshodh Health Care PVT. LTD., Bangalore was the invited guest for the event.



Invited Talk on “Research Opportunities for Young Graduates”

Inauguration of Technical Club “Tech Species”

Eagers Association of ECE department inaugurated a technical club “Tech Species” on 5th May 2015. Dr. K. Manjunath, Professor and Head, Dept. of EEE was the Chief Guest of the event. Prof. S. P. Hegde, Professor and Head, Dept. of ECE was the convener of the event. Prof. Avinash S., Dept. of ECE was the coordinator of the event. Prof. S. P. Hegde spoke on this occasion and advised students to make efficient use of this club to enhance their technical skills.



Department of EEE

Guest Lecture on “Hydro-Electric Plant Operation and Control”

Department of Electrical and Electronics Engineering had organized a Guest Lecture for the students of 4th, 6th and 8th semester on “Hydro-Electric Plant Operation and Control” on 9th March 2016. Mr. Ganesh Shetty, Manager - Electrical, Mr. Karunakar, Mechanical Engineer and Mr. Thippeswamy, Electrical Engineer, Bhorka Power Corporation Limited, Neria Mini-Hydel station were the resource persons of the event.



Guest Lecture on “Hydro-Electric Plant Operation and Control”

Workshop on “Motor Winding Practice”

Department of Electrical and Electronics Engineering in association with RUDSETI, Ujire had organized two days workshop on “Motor Winding Practice” for 6th semester students on 10th and 11th of May 2016. Mr. K.E. Humayun, trainer from RUDSETI, Ujire was the resource person of the event.

Workshop on “Domestic Electrical Appliances and Repair”

Department of Electrical and Electronics Engineering in association with RUDSETI, Ujire had organized two days workshop on “Domestic Electrical Appliances and Repair” for 4th semester students on 12th and 13th of May 2016. Mr. K.E. Humayun, trainer from RUDSETI, Ujire was the resource person of the event.

Industrial visits

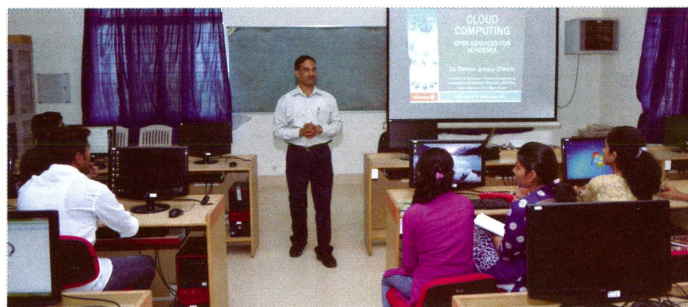
Department of Electrical and Electronics Engineering had organized the following Industrial Visits:

- “Varahi Underground Power House & Mani-Dam, Hosangadi, Udupi” for 4th semester EEE students on 24th February 2016.
- “Substation 33kV/11kV, Belthangady” for 6th semester EEE students on 26th February 2016.
- “Mangalore Refinery and Petrochemical Limited (MRPL), Mangalore” for 6th semester EEE students on 29th February 2016.

Department of CSE

Training Programme on “Core & Advanced Java”

Two Weeks Training Programme on “Core & Advanced Java” was organized by CSE department from 20th to 30th January, 2016. Principal Dr. K. Suresh inaugurated the programme and motivated students to make effective use of the training programme which would help them to get better placements. Dr. Thyagaraju G S, HOD, CSE was the convener of the training programme. He suggested students to participate actively in the training programme, clear their doubts without any hesitation & carry out the project work assigned to them in efficient way. He also spoke about the importance of the programming languages like java & Dot Net which are extensively used in the corporate industries.



Training Programme on “Core & Advanced Java”

Technical Talk on “Software Testing”

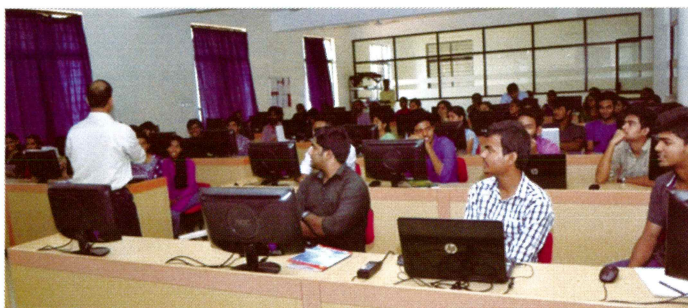
Department of Computer science and Engineering had organized a technical talk on “Software Testing” on 24th February 2016 for all 3rd & 4th year students. Miss. Ashwini & Miss. Evon from ASTUTE Technologies, Mangalore were the resource persons for the event. In this session, importance of testing in the field of Information Technology, differences between development & testing, Software Development Life Cycle, various tools used in testing & types of testing like: Manual, automation & performance testing were discussed. Dr. Thyagaraju G S, HOD, CSE was the convener of the event. Prof. Arjun K. & Prof. Rakshith M. D. coordinated this event.



Technical Talk on “Software Testing”

Student Development Programme on “Cloud computing-Open Software Services for Academia”

Department of Computer Science and Engineering had organized One- day Student Development Programme on “Cloud computing-Open Software services for Academia” for 6th semester students on 19th March 2016. Dr. Demian Antony D’Mello, HOD, Department of Computer Science and Engineering, Canara Engineering College was the resource person of the event. This event was inaugurated by Dr. K. Suresh, Principal. Dr. Thyagaraju G. S., HOD, Department of CSE was the convener of the event and Mr. Rakshith M. D., Assistant Professor, Department of CSE was the coordinator of the event.



Student Development Programme on “Cloud computing-Open Software Services for Academia”

Student Development Programme on “Big Data Analytics”

Department of Computer Science and Engineering had organized two day Student Development Programme on “Big Data Analytics” for 6th semester students during 19th to 20th March 2016. Prof. Guruprasad, Assistant Professor, Department of CSE, SDMIT was the resource person of the event. Dr. Thyagaraju G S, HOD, Dept. of CSE was the convener & Mr. Rakshith M. D., Assistant Professor, Dept. of CSE was the coordinator of the event.



Student Development Programme on “Big Data Analytics”

ASCII Day

ASCII Association of the Department of CSE had organized “ASCII Day” on 7th May 2016. Dr. Girish Kumar, Professor and Head, Department of Mechanical Engineering was the Chief Guest of the occasion. During his speech he motivated the students to participate effectively in the competitions & to take initiatives in conducting the activities on behalf of association in future so that it would benefit them in building their own personality with exceptional talent.

Dr. Thyagaraju G S, HOD, Dept. of CSE was the convener of the function. He encouraged the students to take part actively in the association events so that it would benefit them in developing their talent. He also suggested students to share their ideas with faculties & himself regarding the activities that could be conducted under the banner of ASCII Association. Prof. Pradeep Kumar K. G., coordinator of the association leading from the front took initiative in conducting curricular & extracurricular activities like debate competition, quiz competition & several other competitions in which students from 4th, 6th & 8th semester participated & won prizes.



Chief guest, HOD & Coordinator during the inaugural function of the ASCII Day

Faculty Development Programme (FDP) on “LaTeX for Documentation”

Department of CS&E had organized a Faculty Development Programme (FDP) on “LaTeX for Documentation” during 18th - 20th June, 2016. The participants of the FDP included the faculties from all departments of SDMIT. Dr. Girish Kumar, HOD, Department of Mechanical Engineering, was the Chief Guest of the inaugural function. He motivated the participants to take part actively in the workshop & also spoke about the significance of LaTeX in the area of research & development. Prof. Manjunath Prasad H R, Assistant Professor, Department of CSE, NMAMIT, Nitte was the resource person of the FDP. Dr. Thyagaraju G. S., HOD, Department of CSE was the convener of the FDP. Mr. Manoj Gadiyar, Mr. Rakshith M. D. & Mr. Arjun K. were the staff coordinators for the FDP.



Faculty Development Programme (FDP) on “LaTeX for Documentation”

Industrial visits

A Visit to "System Consultant Information India (SCII), Tumakuru" was organized for the students of 6th semester, Dept. of CSE on 9th May 2016. Prof. Pradeep Kumar K. G., was the faculty coordinator for the visit.



Students of 6th semester CSE at SCII, Tumakuru

Department of ISE

Workshop on "Getting Started with Developing Android Mobile Application"

Department of ISE conducted two days workshop on "Getting started with developing Android Mobile Application" on 27th and 28th February 2016 for the students of 6th and 8th semester. Mr. Nagesh Jatagond, Sr. Software Engineer, Mr. Jesudas Lobo, Software Engineer, Mr. Ashwith Raj A., Software Engineer, and Mr. Sushanth Bangera, Software Engineer, Robosoft Technologies, Udupi were the resource persons for the workshop.

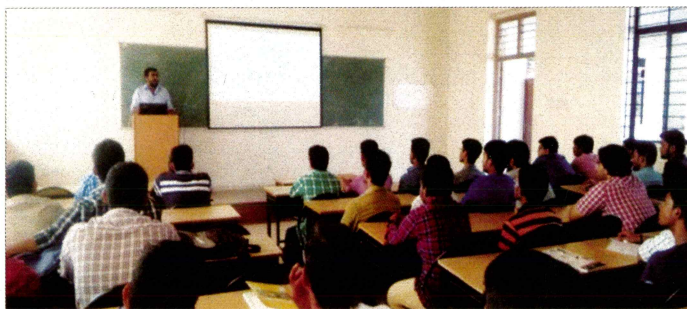
"Megha Cartoon" Contest

Department of ISE had organized "Megha Cartoon" contest on 26th February 2016. 32 students of various departments participated in the event. Event was inaugurated by Dr. K. Suresh, Principal, SDMIT & Prof. Dharmanna L., HOD, Department of ISE. This event was coordinated by Prof. G. P. Hegde, Assistant Professor, Dept. of ISE.

Department of Mechanical Engineering

Career Orientation Interaction

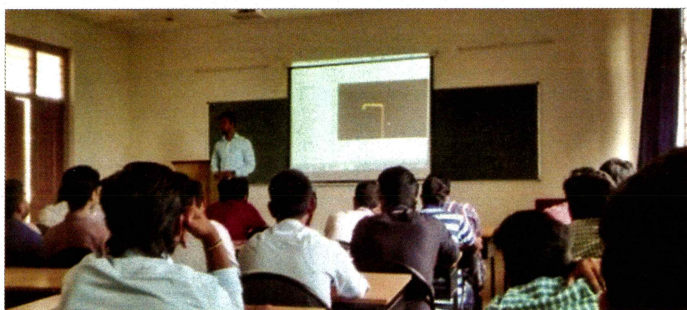
Department of Mechanical Engineering had organized a Career Orientation Interaction with Mr. Acharya Yaska, an alumnus of SDMIT on 22nd February 2016. During the session, Mr. Yaska spoke about "Higher Studies in U.S. and Europe".



Mr. Yaska Acharya providing the information about Higher Studies in Abroad

Technical talk on "Process Piping Engineering - Challenges and Opportunities"

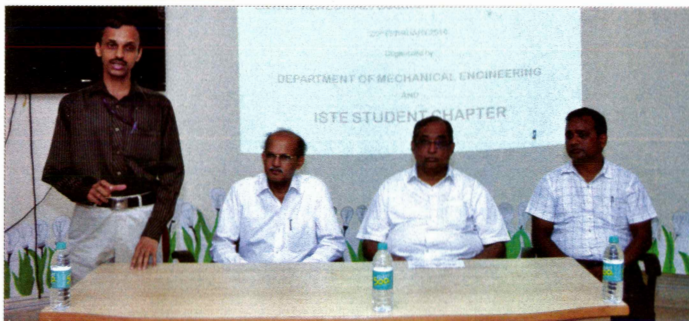
Department of Mechanical Engineering organized a technical talk on "Process Piping Engineering - Challenges and Opportunities" on 24th February 2016. Mr. Mithun Kumar of Petronet Limited, Mangaluru was the resource person for the session. The programme was coordinated by Mr. Premkumar S., Asst. Professor of the Department.



Talk on Process Piping Engineering

One day Workshop on “Idea Generation and Entrepreneurial/Business Plan Development”

Department of Mechanical Engineering had organized One Day Workshop on “Idea Generation and Entrepreneurial/Business Plan Development” in association with ISTE Student Chapter of the College on 25th February 2016 for Pre-final year Mechanical Engineering students. Mr. B.S. Revankar, Ex. Director, NITK-STEP was the resource person for the Workshop. Mr. Jayaram Bhat, Asst. Professor, Department of Mechanical Engineering coordinated the Programme.



Workshop on Idea Generation and Plan Development

Awareness Campaign on “University Engagement Programme”

Department of Mechanical Engineering had organized an orientation on “University Engagement Programme” of Selco Foundation for 2nd & 3rd year students of all branches in two phases. The first phase of orientation was conducted on 21st and 28th April 2016, Ms. Santhi D. and Mr. Danish G. of Selco Foundation were the resource persons for the Programme. Second Phase of orientation was arranged for potential participants of the programme belonging to 2nd and 3rd year of all branches on 13th May 2016. Broad problem definitions in various thrust areas were discussed in the meeting and different projects were allotted to various student groups. Ms. Santhi D. and Mr. Ningappa B. of Selco Foundation were the resource persons for the Programme. Faculty members Dr. Girish Kumar, Mr. Suresh N., Mr. Nityanand B. and Mr. Jayaram Bhat of Mechanical Engineering participated in the programme.



Awareness on Selco's University Engagement Programme

Interactive Session on “Opportunities Available for Graduate Mechanical Engineers in Automotive Service Industries”

An Interaction with Mr. Siva Chidambaram and Mr. Vetri Kumaran of TVS Iyengar Limited, Chennai was arranged by the Department of Mechanical Engineering for Final year students on 29th April 2016. During the interaction, the Resource persons enlightened about opportunities available for Graduate Mechanical Engineers in Automotive Service Industries.



Invited Talk on “Defence Opportunities for Mechanical Engineers”

Invited talk on “Defence opportunities for Mechanical Engineers” was organized by the Department of Mechanical Engineering on 15th April 2016 for final year students of Mechanical Engineering. Mr. M.R. Jain, Placement Officer and Rtd. Principal of SDMITI, Venoor was the Resource Person for the programme. Mr. Suresh, Asst. Professor, Department of Mechanical Engineering was the coordinator for the Programme.



Talk on “Defence Opportunities for Mechanical Engineers”

Technical Talk on “Mechanical Engineer – Expectations of Industry”

A technical talk on “Mechanical Engineer – Expectations of Industry” was organized by the Department on 26th April 2016 for II and III year students of Mechanical Engineering. Mr. Kiran Hebbar, Director, K.H. Designs, Bengaluru was the resource person for the programme. Mr. Shivaprasad B.L., Asst. Professor, Department of Mechanical Engineering was the coordinator for the Programme.

Technical Talk on “Non-Destructive Testing”

Dr. Girish Kumar, Professor and Head, Department of Mechanical Engineering delivered a technical talk on “Non-Destructive Testing” for III year students of Mechanical Engineering on 29th April 2016.



Talk by Mr. Kiran Hebbar



Talk on Non-Destructive Testing

Industry visit

A visit to Bharat Earth Movers Limited, Mysore was organized for III Year students on 9th April 2016. Mr. Sharath K.C., Asst. Professor, Mechanical Engineering was the faculty coordinator for the industry visit.

Memorandum of Understanding with Indwell Technologies, Pune

The institute signed a Memorandum of Understanding on 18th April 2016 with Indwell Technologies, Pune for Training and Internship in the area of Hydraulics, Pneumatics and Automation Technologies at Bosch-Rexroth Centre of Excellence.

Department of Civil Engineering

Technical Talk on “Cement”

Technical talk on “Cement” was organized by the Department of Civil Engineering on 4th March 2016. Mr. Shamir, Senior Engineer, Ultratech Cements, Mangaluru was the resource person. A cash prize sponsored by Ultratech was awarded to Ms. Prashasthi Hegde, III Year Civil during the function for obtaining highest marks in the subject “Concrete Technology”. The programme was coordinated by Mr. Raveesha P., Asst. Professor, Civil Engineering Department.

Technical Talk on “M-Sand and Civil Industry”

Technical talk on “M-Sand and Civil Industry” was organized by the Department of Civil Engineering on 14th March 2016. Mr. Nagesh, Senior Engineer, Ultratech Cements, Bengaluru was the resource person. The programme was coordinated by Mr. Raveesha P., Asst. Professor, Civil Engineering Department.



Technical talk on “M-Sand and Civil Industry”

Engineers Techno Week – 2016

Engineers Techno week – 2016 was conducted by the Department of Civil Engineering on 24th March 2016. The programme was sponsored by Association of Consulting Civil Engineers Mangalore, and ACC cements Ltd., Mangaluru. Mr. Ujwal d'Souza was the resource person for the event. Mr. Raveesha P. Asst. Professor, Civil Engineering Department coordinated the programme.



Workshop on “Total Station and its Applications in Advanced Surveying for Civil Engenderers”

Department of Civil Engineering had organized two days workshop on “Total station and its applications in advanced surveying for Civil Engenderers” during 2nd to 3rd May 2016 for 2nd and 3rd year students. Dr. S.G. Joshi, Professor, Department of Civil Engineering, S.D.M. C.E.T. Dharwad, was the resource person for the workshop.

Industrial Visits

Department of Civil Engineering had organized Industrial Visits for IV Semester Civil Engineering Students on 27th February 2016. Following industries were covered during the visit.

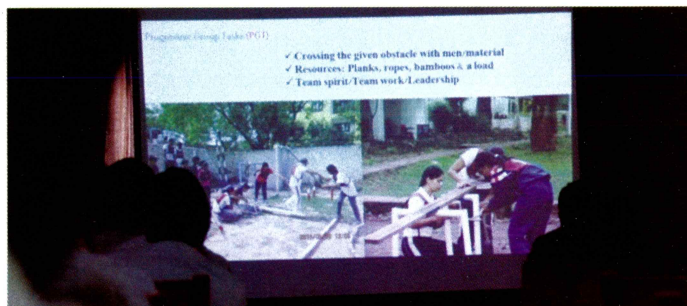
- Ultratech RMC Plant, Baikampady
- D.K. Nirmithi Kendra, NITK, Surathkal

The visit was coordinated by Mr. Raveesha P., Asst. Professor, Department of Civil Engineering.

Department of Basic Sciences

Informative talk on “Opportunities in Defense Forces”

Prof. Avadhut Shivaji Kharat, Department of Engineering Physics, delivered an informative talk on “Opportunities in Defense Forces” for the students of SDMIT on 20th May 2016. The talk had two sessions, the First session was on “Introduction of Defense Forces and Career Opportunities” for Engineers and the Second session was on “Services Selection Board (SSB) Interviews”. The motive of the talk was to encourage the young Engineers to join defense services as officers by making them aware of the tremendous opportunities for them, which includes on ground application of their technical knowledge along with adventure, facilities and the training which makes them leaders who can face, endure and win in all situations.



Informative talk on “Opportunities in Defense Forces”

Innovation and Entrepreneurship Development cell

Entrepreneurship Awareness Camps

Innovation and Entrepreneurship Development cell of SDMIT had organized the following EAC's:

- Entrepreneurship Awareness Camp for 6th Semester Computer Science & Engineering students was held on 18th & 19th February 2015. Mr. Sundar S.M., Asst. Director, MSME (Govt. of India), Mangaluru and Mr. B. S. Revankar, EDII trainer were the resource persons for the programme.



- Entrepreneurship Awareness Camp for 6th Semester students of Civil Engineering was held during 10th to 13th of March 2016. Mr. Sundar Sherigar, Assistant Director, MSME, Mr. Socrates K., Deputy Director, MSME and Mr. Revankar S., trainer, EDII were the resource persons of the event.
- Entrepreneurship Awareness Camp for 6th Semester students of ECE and EEE was held during 4th to 6th and 17th to 19th of March 2016 respectively. Mr. Sundar Sherigar, Assistant Director, MSME, Mr. Socrates K., Deputy Director, MSME and Mr. Revankar S., trainer, EDII were the resource persons of the event.



Entrepreneurship Awareness Camp

Robolution

Two days workshop named "Robolution" based on WLAN Controlled Robot and Home Automation was held at SDM Institute of Technology, Ujire on 2nd & 3rd April, 2016. The programme was conducted by TechTronix® in association with Innovation and Entrepreneurship Development Cell (IEDC). The workshop began with a formal function presided by Dr. K. Suresh, Principal. Dr. Basava T., Head of IEDC and R&D and Prof. Avinash S., Asst. Professor from Dept. of ECE and coordinator of the event were also present during the occasion. 60 students from various branches attended the training programme in which they had 'Hands-On' sessions on Arduino Microcontroller. The participants interfaced various electronic modules on the Arduino board and made their own Remote Controlled Robot, Bluetooth controlled Car, Line Follower Car and Home Automation Systems.



Workshop on WLAN Controlled Robot and Home Automation

Training and Placement Aptitude Training and Career Guidance Session

An Aptitude training and career guidance session was conducted by Placement and Training department of SDMIT on 10th February 2016. Mr. Anil Nair, Freelance aptitude trainer was the resource person for the event.



Pradhanamantri Koushal Vikas Yojana (PMKVY) Skill Development Programme

SDM Institute of Technology, Ujire In association with UTL Technologies Ltd., Bengaluru & Sadhguru Shikshana Prathistana, Udupi had Organized Pradhanamantri Koushal Vikas Yojana (PMKVY) Skill Development Programme in two phases. First phase of training was held during 26th February to 20th March 2016. Second phase of training Programme was held during 11th – 14th April 2016.

You have to grow from the inside out. None can teach you, none can make you spiritual. There is no other teacher but your own soul.

We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far.

You cannot believe in God until you believe in yourself.

Take Risks in Your Life If u Win, U Can Lead! If u Lose, U Can Guide!

Swami Vivekananda



PRATYUSHA 2016 – A Job Fair

Training & Placement department of SDM Institute of Technology, Ujire had organized “Job Fair – PRATYUSHA 2016” on 18th June 2016 in association with Sadguru Shikshana Pratistan, Udupi and UTL Technologies Ltd, Bengaluru. Eight leading companies from Bangalore actively participated in the fair and more than 400 students from various engineering colleges of Mangaluru region present for the job fair. Around 250 candidates were shortlisted for further rounds of selection processes by the companies during the event.



Job Fair – PRATYUSHA 2016

Campus Drives at SDMIT

The following Companies Visited our Campus exclusively for campus recruitments.

- Alpha 9 Marine services, Ahmadabad exclusively visited our campus on 18th February 2016.
- SMEC automation Pvt. Ltd., Bangalore exclusively visited our campus on 17th February 2016.
- QSpiders Technologies, Bangalore on 28th March 2016.
- SRM Technologies, Bangalore on 30th March 2016.
- RIIIT, Mysore on 13th April 2016.
- VDART software solution Pvt. Ltd., Bangalore on 22nd April 2016.
- ACT Broadband, Bangalore on 10th May 2016
- Hinduja Group, Bangalore on 21st May 2016
- Vee Technologies, Bangalore on 23rd May 2016
- HP, Bangalore on 18th June 2016
- IBM, Bangalore on 18th June 2016
- Dell, Bangalore on 18th June 2016
- HCL Technologies, Bangalore on 18th June 2016
- Airtel, Bangalore on 18th June 2016
- Vodafone, Bangalore on 18th June 2016
- Sadguru Shikshana Pratistan, Udupi on 18th June 2016.

Our students have participated in the following pool campus drives

- | | |
|------------------------------|-------------------------|
| • CADENCE Design Systems | • Wurth Electronics |
| • JUDO software | • Infoview Technologies |
| • Hewlett Packard Inc. | • Sonata software |
| • Amazon.com | • Hewlett Packard |
| • Triveni Turbines | • Kodilar Software |
| • EDC technologies | • SISB2 |
| • Tayana Software Solutions | • EMC Software |
| • Global Automation Pvt. Ltd | • MCDBERL Pvt. Ltd. |
| • IBM technology solutions | • Team ware solutions |
| • Mphasis | • Advance Health Care |

A total of 306 students of the academic year August 2015 - July 2016 have been placed till date.

[COMMUNITY SERVICES]

Blood donation Camp was organized by Red Cross unit of SDMIT on 16th March 2016. Dr. Rashmi Kunder, Pathologist, SDM Hospital, Ujire was the chief Guest of the occasion. 225 students voluntarily donated blood on this occasion.



Blood donation Camp by Red Cross Unit

[CAMPUS ACHIEVEMENTS]

Students Achievements

- Mr. Prithveesh K., student in 6th semester, Dept. of ECE has created a new National Record for “MOST STUDENTS TRAINED IN SOLVING RUBIK CUBES IN A YEAR” and it has been accepted in India Book of Records.



- Students of SDMIT won “Envision 2016” – Runners up Cup at inter college Fest organized by Srinivasa Institute of Technology, Mangalore. The following are the details of Prize winners during the event:
 - ◆ Vasudha Rao of IV Sem CSE won 1st Place in Classical Dance Solo.
 - ◆ “The Next Team” of SDMIT won 1st Place in Eastern Group Dance .
 - ◆ Paresh L. Arolkar of VIII Sem Mechanical Engineering won 2nd Place in Solo Singing.
- Ashith Surya of III Year Mechanical Engineering won following prizes in Inter-State Badminton Tournaments.
 - ◆ I Place in Men's Singles and Doubles events of Inter-State Badminton Tournament held at Sindanoor during 23-24 January 2016.
 - ◆ I Place in Men's Doubles and Mixed Doubles events of Inter-State Open Tournament held at Mangaluru during 30-31 January 2016.



Mr. Ashith Surya – Winner of two first Prizes in State Level Badminton events



- Mr. Sudhir Pai and Mr. Srinidhi M. of 6th semester EEE have attended and presented a Technical paper entitled “Simulated Impact of Sunlight on a Solar PV Panel” guided by Prof. Sathyanarayana P, in Technical Paper Presentation competition “TANTRAJNA” at KVG College of Engineering, Sullia on 20th April 2016. They Also won First Prize for the same during the event
- Mr. Vivek Joshi of II Year B.E. (Mechanical) won II Prize in the Chess Competition conducted by Association of Staff & Students for Computing Incredible Innovations (ASCII) of Department of Computer Science and Engineering, SDMIT, Ujire. The Prize was given in the function conducted on 7th May 2016.

Faculty Achievements

- Prof. Dharmanna L., H.O.D., Department of Information Science and Engineering was awarded with Ph. D. degree for his thesis entitled “Diagnosis of Glaucoma Disease through Image Feature Fractal Dimension” during May 2016.



- Prof. Vidya K., H.O.D., Department of Mathematics, was awarded with Ph. D. degree for her thesis entitled “Theoretical study of blood flow in small and large arteries” during May 2016.



- Dr. Rajatha, Librarian, SDMIT, Ujire was awarded with Ph. D. degree for her thesis entitled “Comparative Study of e-Resources with Special Reference to Affiliated Post Graduate College Libraries of Mangalore University” during May 2016.

Faculty Publications

- Dr. K. Suresh, Principal, SDMIT, published a paper titled "Implementation of Robust Acoustic Echo Cancellation in the Short Time Fourier Transform Domain Using Adaptive Filter" in the International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 5 (2016) pp 3708-3712.
- Prof. Dharmanna L., H.O.D., Dept. of ISE and Prof. Chandrappa, Assistant Professor, Dept. of C.S.E., authored a paper titled "A Novel Approach for Diagnosis of Glaucoma through Optic Nerve Head (ONH) Analysis using Fractal Dimension in the international journal Technique", International Journal of Modern Education and Computer Science (IJMECS)-web of science, ISSN 2075-0161, Vol. 8, issue 1, pp 55-61, January 2016.
- Prof. Basavaraj Patil presented a paper entitled "Master-Slave Architecture for Cloud Computing" in UGC Sponsored National Seminar on Current & Future Trends in Cloud & High Performance computing (HPC) at VCET, Puttur on 29th Jan, 2016.
- Prof. Basavaraj Patil, Assistant Professor, Dept. of ISE presented a paper titled "Secured Traffic Monitoring System for Wireless Multimedia sensor Networks", at 1st Doctoral Conference (DocCon), on 3rd March 2016 organized by ACM Chapter, CSI chapter Udaipur, Division IV, SIG - e-Agriculture Udaipur, India.
- G. P. Hegde and Shubhada V. P., Assistant Professors in the Department of ISE Published a Paper titled "Recognition of Expressions Based on Kernel Global and Local Symmetrical Weighted Fisher Discriminant Nonlinear Subspace Approach" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 5 (2016) pp 3558-3569. Scopus Indexed (Research India Publications).
- G.P. Hegde, Assistant Professor, Dept. of ISE published a paper titled "Kernel Locality Preserving Symmetrical Weighted Fisher Discriminant Analysis based subspace approach for expression recognition" Engineering Science and Technology, an International Journal, April 2016, Elsevier Publishers.
- Prof. Somashekar D.P, Assistant Professor, Dept. of EEE published a paper entitled "Forward-Flyback Converter for High Power Application Using Soft Switching Technique" at International Journal for Scientific Research and Development (IJSRD) during May 2016.
- Prof. Madhusudhana K., Assistant Professor, Dept. of ECE and Dr. Jagadeesha S. Professor, Dept. Of ECE has published a paper entitled "Performance Comparison of Non - Contact and Contact Feeding Technique for Rhombus Shaped Microstrip Antenna" in International Journal of Innovative Research in Computer and Communication Engineering, vol-4, Issue-5, 2016.
- Prof. Naveen Kumar H. N., Assistant Professor, Dept. of ECE, Dr. Jagadeesha S., Professor, Dept. Of ECE and Amith K. Jain, Assistant Professor, Dept. of ECE has published a paper entitled "Human Facial Expression Recognition from Static Images using Shape and Appearance Feature" at IEEE conference Proceedings, ICATCCT 2016.
- Prof. Madhusudhana K., Assistant Professor, Dept. of ECE and Dr. Jagadeesha S. Professor, Dept. Of ECE have published a paper entitled "Proximity Coupled Rhombus Shaped Sierpinski Fractal Microstrip Antenna for Wireless Applications" in International Journal of Innovations in Engineering and Technology (IJJET), Volume 7, Issue 1, June 2016.

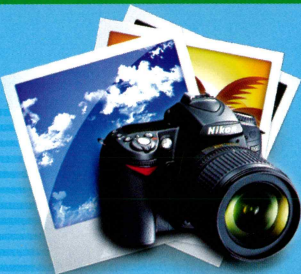


PHOTO GALLERY



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