



Pooja 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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IN THIS ISSUE...

NEWS @ SDMIT

Campus updates

Campus events

Campus achievements

Faculty achievements

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Editor's Voice.....

It's my immense pleasure and indeed a proud moment to present the second volume of ESSENCE-The Spirit Within, the newsletter which brings in the various events conducted by the institution. One semester has passed leaving us with a handful of wonderful events conducted at the institution and department levels.

It is the team spirit that has led all the members of SDMIT to move towards progress. I whole heartedly wish and appreciate the coordinators of all the departments, who made their sincere efforts to bring out this new volume of newsletter.

A special thanks to the designer Mr. Ashwin, who has done a wonderful work to make this volume colourful.

EDITOR
Dr. K SURESH



"The essence of teaching is to make learning contagious, to have one idea spark another." - Marva Collins.

[NEWS @ SDMIT]

Principals' and Placement Officers' Meeting

The meeting of Principals and Placement Officers of combined placement group was held at S. D. M. Institute of Technology, Ujire on 16th July 2014. The meeting was chaired by Dr. Shrinivasa Mayya D., Principal, SIT, Mangalore. Dr. K. Suresh, Principal, SDMIT, Ujire accorded the welcome speech to the attending members and pointed out the importance of English communication and vocabulary for

better placements in the companies. He insisted that each Faculty engaging classes should give importance to the Placement along with his/her subjects. Mr. Mahadev Prasad, Placement coordinator of the combined team, presented the agenda of the meeting. The meeting concluded with several resolutions to ensure better placements for the academic year 2014-15.



Principals and Placement Officers Meet at S. D. M. Institute of Technology

Orientation Day for First Year Students

Orientation Program for 1st year Engineering students was held on 4th August 2014 at Seminar Hall of S. D. M. College of Naturopathy and Yogic Sciences. The program was inaugurated by Srimat Swami Jitakamananda Maharaj, Ramakrishna Ashrama, Mangalore and presided over by Dr. D. Veerendra Heggade, President SDME society,

Ujire. Dr. B. Yashovarma, Secretary, SDME Society, Ujire, Dr. K. Suresh, Principal, SDMIT, Ujire and Dr. Manjula, Dean (PG Studies), S. D. M. College, Ujire were also present during the programme.



Dignitaries on the Dais during Orientation Day

"Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success".

Swami Vivekananda

Wipro Mission 10X Workshop

India is the largest producer of engineering graduates in the world every year. Yet, not all of them are industry ready. This situation leads to high un-employability levels. The employability of engineering graduates can only be enhanced by enhancing the quality of engineering education. Ensuring that engineering students are well-equipped for a dynamic, successful career and preparing them to become capable engineering professionals in a world full of changes, is a major challenge to be faced by all engineering colleges of the country. To help overcome this challenge, engineering faculty members have to be empowered with new methods of teaching. Wipro Mission10X certificate programmes offer a unique opportunity

to the faculty members of the engineering colleges to go beyond their conventional teaching practices and experiment with innovative learning.

A three day faculty workshop was conducted by the team of Wipro Mission 10X on 11th, 12th and 13th September 2014 for the faculty members of S. D. M. Institute of Technology, Ujire. The workshop was inaugurated by Dr.K.Suresh, Principal, who also delivered the key note address. Dr.B. Shridhar Bhat, Placement Officer extended welcome speech and introduced the resource person to the gathering. Mr.Bhuvan Sundar, Wipro Technologies, Bangalore was the trainer for the workshop.



Mission 10X Teaching Empowerment Workshop

Inauguration of Wipro Mission 10X Technology Learning Centre

Wipro Mission 10X Technology Learning Centre (MTLC) was inaugurated on 13th September 2014 at S. D. M. Institute of Technology, Ujire by Dr. Rajendra Joshi, Senior Manager, Wipro Technologies. Mr. Veerappaji, Academic Relationship Manager, Wipro Technologies, Dr. K. Suresh, Principal, and Dr. B. Shridhar Bhat, Placement Officer were also present on the occasion. In his address Dr. Joshi stressed upon the importance of three essential attributes of an engineer- problem solving, deep learning and teamwork. He also

said that students must be involved in more projects so that they can inculcate these essential attributes and become industry ready. Mr. Veerappaji, briefed about the various facilities provided in the Wipro MTLC trainer boards and also he spoke about the importance and benefits of the MTLC Centre at S. D. M. Institute of Technology, Ujire. Dr. K. Suresh delivered the Presidential address and spoke about the relevance of training the teachers. He hoped that MTLC would be used for the maximum possible extent to benefit the students.



Inauguration of MTLC at SDMIT, Ujire

AGAMYA – 2014

"AGAMYA -2014" was organized by the students of S. D. M. Institute of Technology, Ujire on 23rd September, 2014 to celebrate Teachers Day & Engineers Day. Various sports and cultural events were conducted by the students for both teaching and non-teaching staff as a part of AGAMYA-2014. Dr. B. Yashovarma, Secretary, SDME Society, Ujire was the Chief Guest. Dr. K. Suresh, Principal, Dr. B. Shridhar Bhat, Placement Officer and Prof Uday Kumar Malla, Dean – Student Welfare were also present on the dais. Dr. K. Suresh

welcomed the gathering and expressed his gratitude towards the students for conducting such a well-organized event for the staff of SDMIT. Dr. B. Shridhar Bhat, in his speech, explained about the depth of relation a teacher and students can have, and the impact that a teacher can make in a student's life. Dr. B. Yashovarma expressed his appreciation for innovation and creativity shown in design of the invitations for the event and decoration of the stage.



View of the Dais during "AGAMYA – 2014"



Inauguration of "AGAMYA – 2014"

VTU Mangalore Zone and Inter Zone Men and Women Badminton Tournament

VTU Mangalore Zone and Inter zone Men and Women Badminton Tournaments were conducted from 27th October to 31st October 2014 at Indraprastha Auditorium. The event was inaugurated by Dr. N. Balakrishna Bhat, Chief Medical Officer, S. D. M. Hospital, Ujire. Dr. K. Suresh, Principal and Dr. B. Yashovarma, Secretary, S. D. M. E. Society were also present on the dais.

18 teams participated in the men's category and 8 in the women's category of Mangalore zone competitions. The NMAMIT, Nitte won

the First Prize in both Men's and Women's categories while Sahyadri College of Engineering and Management, Mangalore became Runners Up in both the events. The zonal competition was followed by Inter-zone competitions in which 14 teams participated in men's category and 13 in women's category. The winners and runners in the Men's category were RVCE, Bangalore and BIT, Bangalore respectively. The 1st and 2nd places in women's category were bagged by MSRIT, Bangalore and KLE CET, Belgaum respectively.



VTU Mangalore Zone and Inter Zone Men and Women Badminton Tournament

Raastriya Ektha Divas Celebrated at SDMIT, Ujire

Raastriya Ektha Divas was celebrated at S. D. M. Institute of Technology, Ujire on 31st October 2014 on the occasion of Birth Anniversary of Sardar Vallab Bhai Patel. On this occasion a Marathon (Run for Unity and Security) was held from the college to Ujire circle by students. Dr. K. Suresh, Principal, inaugurated the Marathon. Prof. Avadooth, Sports Committee Chairman and Mr. Rajendra Prasad, Director of Physical Education co – ordinated the program.



Run for Unity on the Occasion of Raastriya Ektha Divas

Kannada Rajyothsava Celebrations.

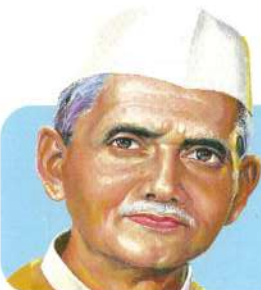
S. D. M. Institute of Technology celebrated Kannada Rajyothsava on 1st November 2014. This programme was organized by Kannada sangha Unit of SDMIT. Prof. Kulamarva Ganapathi Bhat, Principal, Govt. College, Punjalkatte was the Guest of Honour for the occasion. In his address, he appreciated the nature of kannadigas by stating “ಸಹಿಷ್ಣುತೆ ಕನ್ನಡಿಗರ ಮೊದಲನೆಯ ಗುಣ. ಎಲ್ಲವನ್ನೂ ನಾವು ಸಹಿಸುತ್ತಾ ಎಲ್ಲರೊಂದಿಗೆ ಬೆಳೆಯುವ ಗುಣ ನಮ್ಮವರದ್ದು.” Kannada Sangha Unit conducted various competitions like Essay Writing, Pick and Speak, Quiz and Singing on this occasion. Best performers were appreciated by awarding the prizes during the ceremony.



Inauguration of the program



A view of Audience



“The preservation of freedom is not the task of soldiers alone. The whole nation has to be strong. We all have to work in our respective spheres with the same dedication, the same zeal and the same determination which inspired and motivated the warrior on the battle front. And this has to be shown not by mere words, but by actual deeds”.

Shri Lal Bahadur Shastri

Music Appreciation Program

Music has always been an integral part of our culture. Music is one of the few activities that involve using the whole brain. It has surprising benefits not only for learning language, improving memory and focusing attention, but also for physical coordination and development. "Music medicine" has only begun to receive serious scientific consideration, with rigorous medical research on it. Prof. Udaya Kumar Malla, HOD, Department of Chemistry organized

"Music Appreciation" program on 1st November 2014 at Seminar Hall for the 1st year Chemistry Cycle students. He played audios and videos of different ragas and musical instruments and explained about those musicians and effect of ragas on human body. Prof. Malla brought the students into the musical world and students were enthralled by the music.



"Musical Appreciation" Program by Prof. Uday Kumar Malla

[CAMPUS UPDATES]

MoU between VTU and RGBSI

Dr. K. Suresh, Principal, SDMIT, Ujire attended MoU Signing ceremony between Visvesvaraya Technological University (VTU) and Rapid Global Business Solutions India (RGBSI) regarding providing internship to BE graduates in order to improve their employability was held on 8th August 2014 at VTU Regional Center, Bangalore. Dr. D.H. Rao, Dean (Academics), Dr. Nanua Singh, President & CEO, RGBSI and Principals of various Engineering Colleges were present during the occasion.

MoU between SDMIT and iSoft Technologies

Dr. K. Suresh, Principal, S. D. M. Institute of Technology, Ujire signed MoU with iSoft Technologies, Mangalore on 19th August 2014. This MoU enables our students to carry out their internship and develop projects at iSoft Technologies.

Infosys Campus Connect Road Show Program

The Infosys campus connect Road Show Program was organized on 21st August, 2014. The main thread of discussion was academia-industry partnership. The Presentation was given by Ms. Kavya Gopi, Lead, Educational and Research Department, Infosys Pvt Ltd., Mangalore. The main intention of this program is to make students to be industry-ready so that their chance of employability in an IT enterprise improves.



SDMIT-SIT Research Review Meeting

A research review meeting was conducted on 1st September 2014 with Dr. Shambhu K. Shastry and Dr. Assis Sarkar, Centre of ART, SIT, Tumkur. The discussion was mainly focused on the progress made on the various research proposals developed as a part of SDMIT-SIT MoU. Prof. Subrahmanya Bhat, Prof. Satyanarayana P., Prof. Lakshmisagar P.S., Prof. Raveesh, Prof. Antheesh, Prof. Sukhesh, Prof. S. P. Hegde and Dr. Girish Kumar were present in the meeting.



SDMIT-SIT Research Review Meeting

Job Oriented Training Programme

As a part of MoU between S. D. M. Institute of Technology, Ujire and Winyasa Technologies, Bangalore a Job Oriented Training Programme on Unigraphics for VII Semester Mechanical Students was successfully conducted during the semester.



Job Oriented Training on Unigraphics by Winyasa Technologies, Bangalore

Value Added Courses

Value added course is an extracurricular activity conducted for students of all semesters irrespective of their branch. Value added course is aimed to impart cumulative knowledge on various technical and non technical fields apart from academics. The courses were coordinated by Prof. S.P Hedge, HOD, Department of ECE, along with Prof. Amith K. Jain, Assistant Professor, Dept. of ECE. Value Addition Courses of following six categories were successfully conducted during the semester.

- ▶▶ Communication Skills
- ▶▶ Project Management
- ▶▶ Carrier Guidance & Personality Development
- ▶▶ Applications of Microprocessor
- ▶▶ How electronic devices work?
- ▶▶ Applications of cloud computing.
- ▶▶ Industrial Hydraulics



Value Addition Course on Industrial Hydraulics at Bosch-Rexroth CoE

Value Addition Course on Applications of Microprocessor by Prof. Anusha Anigol

Techtronic's Workshop

As a part of Value Addition, a workshop on "Arduino – microcontroller board" was organized by Prof. Lakshmisagar P.S., Dept. of Physics and Prof. Asha C. S., Dept. of ECE. Introduction to the microcontroller based projects was initiated with the design of an Arduino based remote controlled car. This session was application oriented and taught students to build their own hobby projects based on Arduino microcontroller.



Participants with Principal in the Workshop



Arduino based Bluetooth controlled Welcome board

IIT-Bombay-Kharaghpur Remote Centre

A two week Faculty Development Program on Control systems was conducted by IIT – Kharaghpur Remote centre from 2nd December 2014 to 12th December 2014.



FDP on Control Systems conducted by IIT – Kharaghpur Remote centre



Infrastructure Development



View of the New Hostel Blocks



Pooja ceremony of the new blocks

Two new Hostel blocks were added recently to the infrastructure. The capacity of the each block is 560. The Pooja ceremony of the new blocks was held on 6th – 8th September 2014.

[CAMPUS EVENTS]

Department of Electrical and Electronics

Awareness on Lighting Technology and Lighting Controls for Energy Saving

The Department of Electrical and Electronics Engineering in conjunction with Training and Placement Department organized an invited lecture series on "Awareness on Lighting Technology and Lighting Controls for Energy Saving" by Indian Society of Lighting Engineers (ISLE) on 3rd September 2014 in Training hall, SDMIT, Ujire. The program was inaugurated by Mr. M.S.N. Swamy, Chairman, Indian Society of Lighting Engineers (ISLE), Bangalore. Dr. Girish Kumar, Dean (Academics) welcomed the gathering. Dr. B. Shridhar Bhat, Placement Officer delivered keynote address. Prof. Subrahmanya Bhat of Electrical and Electronics Engineering proposed vote of thanks. Mr. Bhavani Prasad, senior member of Indian Society of Lighting Engineers (ISLE) was also on the stage. There were around 200 student participants.



Inauguration of the Lecture Series

Department of Electronics and Communication

Wipro Mission 10X – UTLP Practitioner Training Program



Mission 10X – UTLP Practitioner Training Program

One day Wipro Mission 10X – UTLP practitioner training program for the faculty members of various departments was organized by the department of Electronics and Communication on 22nd August 2014. The main objective of this training program is to inculcate team-work, communication and deep learning, through projects based on UTLP board. This program also tries to provide industry level experience of real time project completion through three phases of Planning + Execution + Testing to the students.

"We are responsible for what we are, and whatever we wish ourselves to be, we have the power to make ourselves. If what we are now has been the result of our own past actions, it certainly follows that whatever we wish to be in future can be produced by our present actions; so we have to know how to act".

Swami Vivekananda



Accelero - Botix Workshop

A robotics based workshop was conducted on 16th and 17th August 2014 by Mr. Lohith and Mr. Rajanish from Technophilia Systems, Mumbai. This workshop was co-ordinated by Prof. S. P. Hegde, H.O.D., Department of ECE.



Accelero – Botix Workshop held at Training Hall of SDMIT.

“Just Robotics” Workshop

One day workshop on “Just robotics” was conducted by Mr. Brijesh C.A., Electrono Solutions Pvt. Ltd., Bangalore on 1st September 2014. This workshop was coordinated by Prof. Shriram P. Hegde and organized by the Department of ECE. More than 100 students from various branches participated in the workshop.

Mr. Brijesh C.A Interacting with Students during the Workshop ►►



Workshop on “Developing Working Skills in Programming”

Two days Workshop on “Developing Working Skills in Programming” was conducted on 6th and 7th September 2014 by Mr. G. Shrinivasan, Freelance Consultant, Hyderabad. The workshop was intended to develop the programming skills of the students by solving the case studies on real time situation. Students are trained in the areas of data structures, representation of program, sorting and searching techniques, usage of stack and queues during the workshop.



Mr. G. Shrinivasan Interacting with Students during the Workshop

One day workshop on “How to Do Academic Projects without Spending for Consultancy”

One day workshop on “How to Do Academic Projects without Spending for Consultancy” by iSoft Technologies, Mangalore was organized on 19th September 2014. Mr. Raghavendra was the main resource person. The workshop was co-ordinated by Prof. Nagaraj Shet and organized by the Department of ECE. Usage of different microcontroller boards and interfacing of various devices were demonstrated in the workshop.



Inauguration of the Workshop



Mr. Raghavendra Interacting with Students

MTLC Training for Students

Training sessions on Unified Technology Learning Platform (UTLP) kits was conducted for students of various disciplines in two phases. The first phase of training was held on 26th September 2014 and second on 31st October 2014 at Wipro Mission 10X Technology Learning Centre by Prof. Madhusudana K., Prof. Amith K. Jain, Prof. Naveen Kumar H.N. and Prof. Varun Kumar S. K.



Students Working on Wipro UTLP Boards



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

Principal, Faculty Members, Staff and students of S.D.M.
Institute of Technology Heartily Congratulate
Dr. D. Veerendra Heggadeji for being conferred with
Padmavibhushana Award.

Department Computer Science and Information Science Engineering Workshop on “OBJECT ORIENTED SOFTWARE ENGINEERING”

On occasion of Engineers day celebration, the Department of CSE organized a seminar on "OBJECT ORIENTED SOFTWARE ENGINEERING" on 15th September 2014. Dr. Thyagaraju G. S., HOD of CSE Department delivered talk on Dr. Sir M. Visvesvaraya's achievements and contributions to Engineering field on the occasion. Deepthi S. and Priya Kamath of MIT, Manipal were the resource persons.



Seminar on Object Oriented Software Engineering

Workshop on Simplifying Programming

Department of Computer Science & Engineering organized a one day workshop on “Simplifying Programming” on 2nd November 2014, for 2nd year students. Mr. Vinay Raveesh, Senior Software Engg, Robert Bosch Pvt. Ltd., Bangalore was the resource person to this event. This workshop mainly focused on the basics of C & C++ coding skills.



Dignataries on the Dais



Mr. Vinay Raveesh



A view of the Audience

Inauguration of the Association of Department of Computer Science & Engineering



Inauguration of the Association of Department of Computer Science & Engineering

Inauguration of the Association of Department of Computer Science & Engineering and Logo launch Program was held on 12th November 2014. Dr. K. Suresh, Principal, SDMIT was the Chief Guest of the occasion. During his speech he advised students to utilize the association for exhibiting their talents. He suggested to conduct Technical Talks, Seminars and Workshops under the association banner. He also hoped that active participation of students in

association activities would result in the improvement of confidence and communication. The Vision and Mission of the association were narrated by the Head of Department, Dr. Thyagaraju & Mr. Vipin Student of 3rd year CSE read out the activity report of the Association. Later, there was a prize distribution to the winners of various activities carried out under the Association.

Technical talk on “Research Methodology and application of Technology in Cancer Research”

The Department of Information Science Engineering organized a technical talk on “Research Methodology and application of Technology in Cancer Research” for the Faculty Members of S. D. M. Institute of Technology, Ujire on 20th December 2014. Mr. Olof Olsson, Lund University, Sweden was the Resource Person for the event. The technical talk was co-ordinated by Dr. Siddhaling Urolagin, Head, Dept. of ISE.



Technical talk on “Research Methodology and Application of Technology in Cancer Research”

Department of Mechanical Engineering Technical talk on “Importance of Quality in the Technical Field”



Department of Mechanical Engineering organized a technical talk on “Importance of Quality in the Technical Field” on 23rd August 2014. Dr. Thirumaleshwara Bhat, Dean (Quality Assurance), St. Joseph Engineering College, Mangalore was the Resource Person.

Technical talk on “Simulation Engineering and Current Trends”

The Department of Mechanical Engineering organized a technical talk on “Simulation Engineering and Current Trends” to V and VII Semester students of Mechanical Engineering on 1st September 2014. Dr. Kumar, Additional Director and Mr. Sanjeev Kumar, Senior Engineer of Kshipra Simulations, Bangalore were the Resource Persons.

Technical Talk on “Advances in Simulation Engineering”

Department of Mechanical Engineering organized a Technical talk on “Advances in Simulation Engineering” on 13th October 2014 for pre-final year students. Mr. Ganesh Keerthi D. G., and Dr. Kumar from Kshipra Simulations, Bangalore were the resource persons. Dr. Kumar spoke on the recent simulation techniques using in industries and briefed about the recent and future scenario of the industrial marketing. Mr. Ganesh Keerthi explained about the job opportunity in simulation engineering. He also offered some technical tips about job interview for the students.



Dignitaries on the Dais



Mr. Ganesh Keerthi Addressing the Students

Department of Civil Engineering “Techno-week” Technical Talk Series



Techno-week” Technical Talk Series

The Department of Civil Engineering had organized Technical Talk Series on 22nd September 2014 at Training Hall. The Technical Talk Series was supported and sponsored by The Association of Consulting Civil Engineers, Mangalore as a part of Techno-week celebrated in connection with Engineers Day.

The first talk was on “High performance concrete for durable structures” by Mr. Manjunath S. B. The information related to various types of high performance concretes like self-compacting concrete, high volume fly-ash concrete, ultra-high performance concrete was given during the talk. The second talk was on “Civil Engineering - A Pride” by Mr. Anil V. Baliga. During the talk, various fields of Civil Engineering and related scopes were discussed. The talks were followed by the interactions of resource persons with students.

At the end, Principal conducted a panel discussion with Office Bearers of the Association of Consulting Civil Engineering regarding the continuation of relationship for knowledge sharing and conduction of programmes.

Innovation and Entrepreneurship Development Centre Entrepreneurship Awareness Camp

A series of DST sponsored “Entrepreneurship Awareness Camp” was conducted by the Innovation and Entrepreneurship Development Centre of SDMIT, Ujire. These programs were co-ordinated by Dr. Basava T., Head, IEDC. The details of the programs are as follows:

- During 27th – 29th October 2014 an EAC was conducted for 5th Semester Electrical, Mechanical and Civil Engineering students. Mr. Sundar S.M., Asst. Director, MSME (Govt. of India), Mangalore and Mr. Raja K.G., Principal, M.B. Institute of Management Studies, Kasaragod were the resource persons for the programme.



Innauguration of EAC



Mr. Raja K. G.



Mr. Sundar S. M.

- During 10th – 12th November 2014 an EAC was conducted for 5th Semester Electronics and communication Engineering students. Mr. Sundar S.M., Asst. Director, MSME (Govt. of India), Mangalore and Mr. Raja K.G., Principal, M.B. Institute of Management Studies, Kasaragod were the resource persons for the programme. Students were taken to Boruka Mini Hydel Power Plant, Nidle and Shri Venkateshwara Rice Mills, Ujire for field visit.



Innauguration of EAC By Sundar S.M.



Bhoruka Mini Hydel Power Plant, Nidle



Shri Venkateshwara Rice Mills, Ujire

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 15th December to 27th December 2014. This event was organized by Mr. Basava T., Head IEDC and was co-ordinated by Mr. Sridhar T., Dept of M.E. and Mr. Somashekar D.P., Dept of EEE.



Faculty Development Program on “Entrepreneurship for Academicians”

S.D.M. Institute of Technology observed two minutes silence on 17th January 2015 to pay tribute to victims of Peshawar terror attack on School Students.

Department of Placement and Training

Pre-Placement Training



Trainers Interacting with the Students during Training Session

The Pre placement training program was conducted for final year students by Innovation Unlimited Training Services, Bangalore in three phases. The first phase was held from 24th to 30th July 2014 and second phase was conducted from 22nd to 24th August 2014. Third Phase of Pre-placement training program was successfully conducted from 9th to 11th October, 2014. After the training session a mock written test on aptitude and technical concepts were also held for the benefit of the final year students. The program was co-ordinated by Mr. Ramkrishna Hegde, Training Officer. The training was conducted to prepare the students for the placement activities. There were nearly 240 students participated in the training program.

Campus drives at SDMIT

With the main objective of shaping the career of students, SDMIT has established the department of Training and Placement to facilitate the educated and skilled young engineers to the Industry. SDMIT successfully conducted three placement drives in the campus. Also, our students have participated in the pool campus drives held at various colleges of the district.

► **Span InfoTech Pvt. Ltd.** Conducted a campus drive at SDMIT, Ujire, on 30th September 2014

► **Tech Mahindra Pvt. Ltd.** Conducted a campus drive at SDMIT, Ujire, on 6th November 2014.

► **Syscon (SCIL) Pvt. Ltd.** Conducted a campus drive at SDMIT, Ujire, on 11th November 2014.

► Our students participated in **pool campus drive** of following companies

- | | | | |
|-----------------------------------|---------------------------------|-----------------------------|---------------------------------|
| ● Robosoft Technologies | ● i – Wave Technologies | ● IBM Corporation | ● Mphasis Pvt. Ltd |
| ● Razor think Technologies | ● Cognizant Technologies | ● Unisys Corporation | ● Sankalp Semiconductors |

Awareness Talk on “Careers after Engineering”

Awareness Talk on “Careers after Engineering” was arranged on 31st October 2014 which was followed by interaction with the resource persons of TIME, Mangalore. A common aptitude test to know the percentile ranking of the individual competency of the students was held after the talk.



Awareness Talk on “Careers after Engineering” by TIME, Mangalore

Learning Resource Center Book Exhibition

A book exhibition was organized by Learning Resource Center on 6th and 7th August 2014. Nearly 3,000 books were displayed in this Exhibition for the benefit of the students as well as faculty members. Along with technical books there were also general books displayed in this exhibition. It is expected that such displays help students and faculty members to analyze the content of the books in a better way. This book exhibition was co-ordinated by Ms. Rajatha, Librarian.



Inauguration of Book Exhibition at Training Hall, SDMIT

Sharada Pooja at library

On the occasion of Dussehra festival Sharadha Pooja was organized by kannada sangha unit of SDMIT at the Learning Resource Centre on 1st October 2014. There were Bhajans by Faculty members and Students during the occasion.



Sharadha Pooja at library

NSS Activities

Swacch Bharath Abhiyaan

Mahatma Gandhi Said "Sanitation is more important than independence". He made cleanliness and sanitation an integral Part of the way of living. His dream was total sanitation for all. Swacch Bharat Abhiyaan is a national level campaign initiated by the Government of India to have a clean India by 2019. This campaign was officially launched on 2nd October 2014 at Rajghat, New Delhi. The NSS unit of SDMIT, Ujire initiated "Swacch Bharath Abhiyaan" at College Campus on 2nd November 2014. Faculty members and students from various departments actively participated in the event and cleaned the college campus.



Community Services

- Prof. Nitin & Prof. Pradeep Kumar K. G. conducted a technical workshop on "Package oriented Programming Language" at SDM English Medium School, Ujire on 7th November.



Technical workshop on "Package oriented Programming Language" at SDM English Medium School

- Prof. Nitin conducted a workshop on "Developing a Software Design: UML Perspective" at Alva's Institute of Engineering & Technology, Moodbidri on 18th September, 2014.

[CAMPUS ACHIEVEMENTS]

Student Achievements

Our students participated in the Technical fest "JOSHIANA 5.0" organized by St. Joseph college of Engineering, Mangalore and won prizes in various competitions held at the Technical fest. The details are as follows:

- Suraj B. of 3rd semester CSE secured 1st Place in IT best manager contest of IT Fest "JOSHIANA 5.0" organized by St. Joseph College of Engineering on 26th & 27th September 2014.
- Vipin Rai, Elizebeth Thomas, Deeksha Nayak & Harshavardhan secured 2nd place in IT products launch contest of the fest.



Acharya Yaska

Acharya Yaska of VII Semester Mechanical participated in One Day Conference: Industry - Technology - Management Students Meet organized by Confederation of Indian Industry (CII) and RIIT on 15th September 2014 at Chamundi Vihar Indoor Stadium, Mysore.

Sports Achievements

- Ashith Surya of III Semester Mechanical won following prizes during various state level Shuttle Badminton events held during the semester:

- [1] First Prize in Mysore Division Level held during 20-27 September 2014 at Udupi.
- [2] First Prize in State level (open) competition held on 6th November at Bangalore.
- [3] First Prize in State level (open) competition held on 10th November at Tumkur.
- [4] Third Prize in State level event of Dasara Competitions during 20-27 September 2014 at Mysore

He is also selected for VTU team to represent University at National level competitions.

- Anjum Safder of III Semester Mechanical won following prizes during various state level State Level Karate events held during the semester:

- [1] Third Prize in State Level Karate Championship – 2014 held on 21st September 2014 at Mysore.



Ashith Surya



Anjum Safder



Sohan Shetty

[2] Third Prize in 46-55 kg category in 7th Western Open National Level Karate Championship held during 31st October – 2nd November 2014 at Mangalore.

- ▶ Sohan Shetty of V semester ECE created a New Meet Record in VTU Inter Collegiate Power Lifting Competition. (120 kg category)
- ▶ Yathish B.V. of V semester ECE won Gold medal in VTU Inter Collegiate Weight Lifting and Power Lifting Competition, with new meet record (120Kg category). He has also been selected for All India Inter University competition to be held at Punjab.
- ▶ Throw Ball team of SDMIT secured runners up in the VTU Inter Zone throw ball tournament, held at NIEIT, Mysore during 11 & 12 October 2014.
- ▶ Kavyashree B.M. of III Semester Civil participated in VTU State Level Inter-Collegiate Wrestling Competition held at KLS VDR IT, Haliyal during 17-19 October 2014. She won the First Place in the competition and selected for National Level.



Kavyashree B.M.

[FACULTY ACHIEVEMENTS]



Dr. Basava T.

Dr. Basava T. was awarded with Ph.D from Visvesvaraya Technological University, Belgaum for the thesis entitled "Development and Characterization of Si-epoxy-Eglass polymer composite material" Under The Guidance of Dr. A. N. Hari Rao, Professor, SJCE, Mysore

S.D.M. Institute of technology congratulates the following faculty members for successively completing their Comprehensive viva- voce.

- a. Prof. Manjunath R.
- b. Prof. Subrahmanya Bhat.
- c. Prof. Dharmanna L.
- d. Prof. Satyanarayana P.
- e. Prof. Raveesha P.

Publications by the Faculty Members in the National / International Journal

- ▶ Dr. Jagadeesha S, Mr. Bharathraj, Mr. Madhusudhan, Mr.Chithesh. of Dept. of ECE published a paper titled "E-shaped Microstrip Antenna with Improved gain for wireless Applications" in International Journal of Electronics and Electrical Engineering (IJEE), Vol.6 Number 1, June 2014, PP:46-52 (ISSN : 0973-7383)
- ▶ Dr. Thyagaraju G.S. of Dept of CSE published a paper titled "Design and Development of Mobile Phone Based Healthcare System for Emergency Situation" in the International Journal of Computer Trends and Technology (IJCTT), volume 12 number 3, June 2014, ISSN: 2231-2803, pp 119-122.
- ▶ Mrs. Veena Bhat of Dept of EEE published a paper titled "Effective Cluster Head Selection based on EDM for WSN", in the IUP Journal of Computer Sciences (IJCS41407) on July 2014.
- ▶ Mr. G.P. Hegde of Dept. of ISE published a paper titled "Real Time Voting System Using Face Recognition for Different Expressions and Pose Variations" in IJRET: International Journal of Research in Engineering and Technology. eISSN: 2319-1163 | pISSN: 2321-7308, Volume: 03 Issue: 07 | Jul-2014.
- ▶ Mr. Dharmanna L of Dept. of CSE has published a paper titled "Automated Detection of Neovascular Glaucoma through Fractal Dimension Method" in International Journal of Computer Science & Information Technologies, volume 5 number 4, July 2014, ISSN: 0975-9646, pp 5252-5257.
- ▶ Prof. S. P. Hegde of Head, Dept of ECE has published a paper titled "MATLAB Implementation of DWT-SPHIT algorithm" in PISER bimonthly journal during August 2014. ISSN 2347-6680(E), PISER 14, Volume.02, Issue: 04/06.
- ▶ Mr. G. P. Hegde of Dept. of ISE "Brief Survey of Facial Expression Recognition Using Subspace Methods" International Journal of Education & Applied Sciences Research (IJEASR) ISSN :2349-2899, ISSN 2349-4808, Vol 1, Issue 4 Aug-2014, pp75-76.
- ▶ Prof. S. P. Hegde of Dept. of ECE "FPGA Implementation of Efficient architecture for 5/3 lifting DWT" in IOSR VLSI & Signal processing journal during Sep-Oct 2014 Volume 4, Issue 5, Ver. I, PP 18-23
- ▶ Prof. S. P. Hegde of Dept of ECE published a paper titled "Implementation of CDF 5/3 lifting Wavelet Transform" in International conference IRAJ held at Bangalore on 4th October 2014
- ▶ Mr. G. P. Hegde of Dept. of ISE published a paper titled "Happiness Expression Recognition at Different Age Conditions" International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 01, Issue 04, [October - 2014], e-ISSN: 2349-9745, p-ISSN: 2393-8161

- ▶ Mr. Dharmanna L. of Dept of CSE and Mr. Mahesh M. of Dept of ECE published a paper titled "Early Detection Of Glaucoma Through Retinal Nerve Fiber Layer Analysis Using Fractal Dimension & Texture Feature" in International Journal of Research in Engineering & Technology, Volume 3, Issue 10, pp. 158-163, October
- ▶ Dr. K Suresh et. al, Principal, Published a paper titled "ANN Predicting Model Based Tampered Image Reconstruction", 3rd ICRAMAV, published in Elsevier International, JNTUH, Hyderabad, November 5-7-2014, ISBN- 978-93-5107-302-4, pp:40-44
- ▶ Dr. Jagadeesha S. of Dept of ECE published a paper titled "Design of Sierpinski Carpet Fractal antennas with different feeding methods", International Journal of Engineering Technology Management & Applied Sciences (IJETMAS), ISSN: 2349-4476, Vol.2, Issue 6, and Nov 2014.
- ▶ Mr. G. P. Hegde of Dept of ISE published a paper titled "A Comparative Study on various State of the Art Face Recognition Techniques under varying Facial Expressions" paper has been accepted for presentation at the 49th Annual Convention of Computer Society of India (CSI-2014) on Dec-2014 and published in Springer AISC Series.
- ▶ Mr. G.P.Hegde of Dept of ISE published a paper titled "Comparative Study On Various Facial Expression Techniques" Recent Advances in Biometrics for Security Applications (Special Issue for Recent Patents on Computer Science), UAE, December (2014), ISSN: 2212-4047 (Online), ISSN: 1872-2121 (Print)
- ▶ Dr. Siddhaling Urolagin & Ms. Anusha Anigol of Dept. of ISE published a paper titled "Font Identification using Gabor Features at Sub image Level and Bin Based Technique", Paper Accepted to be published in IEEE international conference in intelligent system and control, Jan, 2015, Coimbatore, Tamilnadu India.
- ▶ Dr. K Suresh et. al, Principal, Published a paper titled "Implementation of an Adaptive Filter Algorithm with Sub Band Filtering Approach on Acoustic Echo Cancellation", Proc: International Conference on Clean Green and Sustainable Technology in Biotechnology and Chemical Engineering STM Journals(2014).
- ▶ Dr. K Suresh et. al, Principal, Published a paper titled " Spectral Processing Methods for Degraded Speech Signal", in International Journal on Digital Signal Processing (CIIT), Vol.6, ISSN 0974-9594
- ▶ Dr. K Suresh et. al, Principal, Published a paper titled "Modified Spectral Subtraction Scheme for Enhancing Speech Signal", in International Journal of Advanced Information Science and Technology, Vol.6, No.6(2014), ISSN : 2319-2682
- ▶ Dr. Girish Kumar et. al, Dept. of Mechanical Engineering published a paper titled "Polyethylene Glycol as a Corrosion Inhibitor for lead and lead free solders in Acidic Medium" in the International Journal of Mechanical Engineering and Robotics Research (Publication details: Vol. 4, No. 1, January 2015, ISSN 2278 – 0149).
- ▶ Mr. Nithyanand B et. al, Dept. of Mechanical Engineering presented a paper titled "Effect of Granite and Carbon in Aluminium Matrix Hybrid Compistes" in the National Conference on Emerging Trends in Engineering and Management held at JSS Academy of Technical Education, Bangalore on 7th November 2014.
- ▶ Ms. Akshatha Rao, Asst. Professor, Dept. of CSE presented a paper titled "AUTOMATED DETECTION OF DIABETIC RETINOPATHY THROUGH IMAGE FEATURE EXTRACTION" at International Conference on Advances in Electronics, Computers & Communications.

PHOTO GALLERY



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