

Samachar

Monthly Newsletter

Vivekananda College of Engineering & Technology

Nehru Nagar, Puttur - 574 203, DK, Karnataka State - INDIA



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Placement Drive at VCET

Companies and jobs are back with a bang in our campus. We see a surge in the number of companies and job offers. Salary Packages have so far increased between 10 per cent and 20 per cent. We are getting a good response from companies. Many new companies have also come forward to participate in placements. Fifty companies, including SAP, Tech Mahindra, Cadence, and CoreEI have made their presence. HCL recruited two students of ours this month. Numerous companies have come forward to offer Internships to our MBA Students. Some include IDBI, Greet Technologies and SisGreen Technologies. Some students also opt for higher studies or appear for the Graduate Aptitude Test in Engineering to join public sector companies. To encourage entrepreneurship, VCET is also leaving the option open for students to come back to campuses and participate in the placement process.



Swachh VCET Abhiyan

Swachh VCET Team has come out with few ideas to bring an awareness of cleanliness within and outside the campus among all of us and our dear students. A ppt is circulated among all the DUGC members to be give in their respective classes. This ppt was prepared by Meghana and Mahima of first year. Every branch will be assessed for clean classrooms after May 1st 2015 and on May 10th the branch with most clean classrooms will be announced and displayed on the front Notice board. This would continue every fortnight. The SV Team members will also assess the staff rooms of each

branch from May 1 and on May 10 the cleanest department will also be announced and displayed on the front Notice board. This would continue every fortnight.



Stunning Performers



Viyon Robin Veigues

Mr. Viyon Robin Veigues and Mr. Shreenidhi of final year Mechanical Engineering bagged 2nd place in National Level Paper presentation competition "THANTRAJNA - 15" held on 11th of April 2015 at KVGCE, Sullia

Mr. Viyon Robin Veigues of final year Mechanical Engineering has presented a paper entitled "BIOMASS BRIQUETTES" in SAMBHRAM 15 - A National Level Cultural and Technical Fest held on 23rd & 24th of February 2015 at Shree Devi Institute of Technology, Mangalore.

Mr. Avil Brian Serrao won 2nd place in Auto CAD Competition held at Shri Devi Institute of Technology Mangalore on 23rd and 24th of February 2015.

"I will not let anyone walk through my mind with their dirty feet".

— Mahatma Gandhi

A talk on writing research / technical papers



Dr. Mahesh K K

Research and Development Promotion Cell (RDPC) organized a talk on 15-04-2015 in A.V. Hall on the topic, "How to write research / technical papers - Part-II". Dr. Mahesh K. K., coordinator of RDPC delivered a presentation. Faculty and students were given insight into how to write research / technical papers. The participants were given guidance on how to present their results and extract conclusions through scientific discussion in a paper. Further, reviewer's expectation in a scientific/technical paper has also been highlighted in the talk.

The students of the final year project work of B.E., M.Tech. and MBA are encouraged to communicate their results to the international, national journals and the proposed 'VCET Journal' as short communications. Further, the papers submitted to "JNANASANGAMA - 2015" and "NCSIP2015" in the prescribed IEEE template will be professionally reviewed by the respective committees and selected for the publication in "VCET Journal".

The talk also addressed the broader context of research publications by the faculty members who are pursuing their higher education by research, such as, Ph.D. and M.Sc. (Engg). The resource files prepared for the purpose have been shared online among the faculty and students.

Pleasing performances in CHAKRAVYUH - 15

Alva's Institute of Engineering and technology Moodbidri hosted a National Level three days Inter Collegiate Techno Cultural and Technical fest "CHAKRAVYUH - 15" for Engineering students. A team of 6 members from VCET participated in this event. Mr. Nithin Shankar.V, Pavan Mathew, Shravan B.M, Avil Brian Serrao of 3rd Year Civil Engineering bagged prizes in several competitions. Nithin Shankar.V & Shravan B.M shared first prize in Ground Photography, Mr. Avil Brian Serrao and Pavan Mathew won 1st and 2nd place in Auto CAD (A Dream land) and Rapid Survey respectively.



ENVISION 15

Amritha A K and Kruthika J S & Roopa R N and Ramya H of 6th sem Computer Science Engineering have participated in A National Level Paper Presentation Competition "ENVISION 15" held at Srinivas Institute of Technology, Valachil, Mangalore on 26th Feb 2015 and won 1st & 2nd prize respectively

A team of 5 members Chinmaya Hegde, Shreeharsha Damle, Anusha K L, Chaithra B M & Nanda A R from Information science attended A National Level IT Fest "ENVISION15" on 27th February 2015. Nanda A R presented a paper on googles "Project Loon", Chaithra and Anusha presented a paper on "Neurosynaptic Core Chips". Apart from this students bagged 1st prize in 'Bag The Job" Competition with cash prizes.



VCETians at VTU Fest

Four days inter-collegiate Youth Fest "UTSAV" was organized by VTU, Belagavi from 28th to 31st March 2015 at VTU Campus. This fest was specifically designed for providing students with cultural environment so as to shape their all round personality and develop their physical, mental, social, aesthetic and spiritual dimensions. A team of 24 participants lead by Prof. Sudarshan M L had participated in this mega event. VTU fest witnessed few spectacular performances by VCETians.

INDUSTRIAL EXPOSURE

The department of MECHANICAL ENGINEERING had organized a 4 days industrial visit from 22nd to 25th of April 2015 for the 6th semester students. The students have visited the following companies like L&T Construction ltd, ACE Designers ltd, HMT Machine tools ltd, Shivasamudra Solar power plant, COCO-COLA India private ltd, VOLVO Construction equipment near Bangalore and Mysore region. Around 51 students accompanied by 4 staff members participated in the visit & benefited by this.

This industrial visit provided students with an opportunity to learn physically through interaction, working methods & employment practices. Visiting a company gave students a practical perspective on the world of work; it gave them exposure to current work practices as opposed to possibly theoretical knowledge being taught at college. And also got insight regarding the internal working environment of a company & how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be revised in lectures.



The department of civil has organized a one day industrial visit on 20th of April for 6th semester students. The students have visited newly constructing Aqueduct for Bhadra dam, Pump house, and have seen the working procedure of power plant, drainage inspection gallery of Bhara River Project (BRP) at Bhadravathi. Assistant Engineer Ms.Rakshitha and Mr.Megharaj had given a brief talk on the construction and design of various irrigation structures like Canal drop, Weir and so on. Students have acquired detailed knowledge which would help in their academics. Around 85 students and 5 teaching staff from the department participated in the visit and were benefited by this.



Department of civil Engineering has also organized three days industrial visit to 8th sem students on 5th, 6th, 7th of April. Students have visited Mattupatty Dam and LULU Mall a biggest mall with multi car parking system within. A total number of 83 students with 3 teaching staff from the department have actively participated in this visit.



Department of computer science, Information Science and engineering has conducted 3 days industrial visit for 79 students of 6th semester on 21st, 22nd and 23rd of April 2015. The students visited Arius global Mysore, College Fever, cuisine link, Handsrel, Sanemi Technology and OJS technology, Bangalore. Students attended a talk on Entrepreneurship by Mr. Kushal, Ms. Shwetha at JSS Education trust, Bangalore and and a talk on Service and Product by Mr. Pranesh of Arius global, Mysore.

The youth need to be enabled to become job generators from job seekers.

- A. P. J. Abdul Kalam

Inauguration of Parent Relation Center



A Parents Relation Centre (PRC) was inaugurated on 28th March 2015 at Keshava Sankalpa Hall and Parents Meet was arranged to brief about the objectives of PRC. Sri Vishweshwara Bhat Bangaradka delivered the presidential address on this occasion. Latest developments in the institute and its vision was shared with the parents. Principal also handled an interactive session with the parents to know about their feedbacks and suggestion in this regard. Event co-ordinator Mr. Vijay V S welcomed the gathering and Ms. Madhavi Pai gave vote of thanks

Workshops

A workshop on **Software Testing** was conducted on 28th of march 2015 in department of Information Science and Engineering by a Resource Person Mr. Girish Aithal, was held at New Block CAED Lab, VCET. Around 34 Pre final and 32 Final year ISE students with 8 staffs had actively participated in this event.

A Workshop on Simplifying Pointers was held on 28th of February 2015 in department of ISE by a Resource Person Mr. Mahesh B L & Mr. Kaushik It was held in the Network Lab. Around 22, 2nd year ISE students and 4 teaching staffs from the department participated in this workshop.



Two day workshop on "SIMULATION ON ELECTRONIC CIRCUITS USING ORCAD TOOLS" was conducted on 25th and 26th of April 2015 in department of Electronics and Communication by Prof. Vinay P and Prof. Suhandas with the help of Mr Dinesh and Mr Rajesh .The main objective of this program was to provide hands on experiment on circuit simulation tools. Around 60 students participated in this workshop. It helps students to draw a circuit with Cadence OrCAD (schematic capture) and simulate it using PSpice. The use of a computer simulation program allows the student to easily subject the circuit to various stimuli (such as input signals and power supply variations) and to see the results in either a tabular format or plotted out graphically using PSpice

FACT

Google uses an estimated 15 billion kWh of electricity per year, more than most countries. However, google generates a lot of their own power with their solar panels.

MATHS

Checking with Digit Sums

Both Addition and Multiplication preserve Digit Sums

$$\begin{array}{r} 21 \rightarrow 3 \rightarrow 3+5=8 \\ + 14 \rightarrow 5 \rightarrow 8 \\ \hline 35 \rightarrow 8 \end{array} \quad \begin{array}{r} 26 \rightarrow 8 \rightarrow 8+8=16 \rightarrow 8 \\ + 35 \rightarrow 8 \rightarrow 8 \\ \hline 61 \rightarrow 7 \end{array}$$

If the sum of the Digit Sums does NOT equal
The Digit Sum of the sum, then there's a problem!

$$\begin{array}{r} 21 \rightarrow 3 \rightarrow 3 \times 5 = 15 \rightarrow 6 \\ \times 14 \rightarrow 5 \rightarrow 8 \\ \hline 294 \rightarrow 6 \end{array} \quad \begin{array}{r} 26 \rightarrow 8 \rightarrow 8 \times 8 = 64 \rightarrow 1 \\ \times 35 \rightarrow 8 \rightarrow 8 \\ \hline 910 \rightarrow 1 \end{array}$$

If the product of the Digit Sums does NOT equal
The Digit Sum of the product, then there's a problem!

SUDOKU 5

	2		1	7	8		3	
	4		3		2		9	
1								6
		8	6		3	5		
3								4
		6	7		9	2		
9								2
	8		9		1		6	
	1		4	3	6		5	

Enjoy Ginger

The volatile oils in ginger have long made it a useful herbal remedy for nasal and chest congestion. Pour 2 cups of boiling water over a 1-inch piece of peeled, grated ginger; steep for 10 minutes; and strain. Add a pinch or two of cayenne pepper to the water and drink as needed.

Simplicity is the outcome of technical subtlety. It is the goal, not the starting point.

- Maurice Saatchi