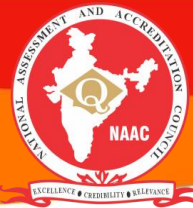


VEMU NEWS

NEWS LETTER/VOLUME 7/ ISSUE 1 /JANUARY-JUNE 2018



NAAC Accredited

Chairman's Message



Chairman

Prof. K. Chandrasekhar Naidu

Presently, a knowledge explosion is being used and ushered in our midst especially in Engineering and Technology. We are working with a vision of India 2020, to bring progressive changes in Science, Engineering and Technology which will bring progress and prosperity to our country. It is a pleasure to note the glorious stride of our budding institution. The joy and experience shared on our campus ensure the growth and development of the overall personality of all the students alike. It is great to notice interesting events taking shape frequently at our campus. All of us are equally delighted to witness the happenings of significant events and tremendous achievements. I wish to record my hearty congratulations to those who have brought laurels to the institution and I appreciate all of you for working together as a team. I am sure, it is just a beginning and there is lot more to be happening. Go ahead and continue the good work. I wish you all the best for achieving greater success and scaling newer heights in your education and career ahead.

Principal's Message



Principal

Dr. K V N V N Rao

I am delighted and fortunate to be the Principal of VEMU IT and work with the dedicated, innovative and caring staff members. It is an institution that focuses on the welfare of rural students in and around Chittoor district. I find each day a new kind of experience in all respects. It gives a chance to constantly widen our horizons.

I am pleased to release this NEWSLETTER. We get to know about the campus news, information, professional accomplishments of faculty, academic proficiency of students and inspirational stories of inspiring faculty as well as students in academics, sports, cultural and co-curricular activities.

We value your interest to stay connected with us and I hope this is just another means for the readers to keep in touch with the latest news of VEMU IT. I request the readers to have a look at each page to get in-depth information. We will continue with our vision to always maintain a "Students First College."

We welcome your feedback on this NEWSLETTER. I thank each and everyone for sparing time to read our NEWSLETTER.

Vision

To be a premier institute for professional education producing dynamic and vibrant force of technocrats with competent skills, innovative ideas and leadership qualities to serve the society with ethical and benevolent approach.

Mission

- ❖ To Create a learning environment with state-of-the art infrastructure, well equipped laboratories, research facilities and qualified senior faculty to impart high quality technical education.
- ❖ To Facilitate the learners to inculcate competent research skills and innovative ideas by Industry-Institute Interaction.
- ❖ To Develop hard work, honesty, leadership qualities and sense of direction in rural youth by providing value based education.

COLLEGE LEVEL ACTIVITIES

TRADITIONAL DAY

The college has celebrated Traditional Day on 12-01-2018 with a view to bring awareness among the students regarding our tradition, culture, customs, habits and habitats. It was conducted a day before the festival of Sankranthi. On this particular day, students participated in events like Rangoli, traditional games like Tip-Cat, Hide and Seek, Top Throwing, Kite- Flying, preparation of sweet pongal on heath Hoppers and Runners. These events were conducted to make the students understand the value of our ancient tradition, cultural heritage and note its significance.



INTERNATIONAL WOMEN'S DAY

The college has celebrated International Women's Day on 08-03-2018. The celebration was grandeur amidst the Chief Guest Dr.P. Udaya Bhaskar, APPSC, Chairman, Govt of AP. The occasion was celebrated with an objective to awaken the conscience of women to understand their roles in the development of society. The noteworthy speeches of the dignitaries inspired the audience. The faculty took active part in the activities conducted on the day. They enacted their roles enthusiastically and with great passion and zeal. Thus, the day became ever memorable and remarkable



PRAGNA 2K18

PRAGNA 2K18, A National Level Technical Symposium was organized by the department on 17-03-2018. The Vice-Chancellor of SPMVV, Dr. Durga Bhavani. Veeramachaneni was the Chief Guest of the august occasion. She made a speech on the importance of taking part in Technical Symposium. She assured the students that technical paper presentations give a wide scope to learn innovative ideas and get chance to interact with participants of varied fields from other places. The winners of the event were given prizes. There were participants from other local and non-local colleges. It was conducted with the logistic support and co-ordination of the department HOD, Ms.D.Sai Sireesha



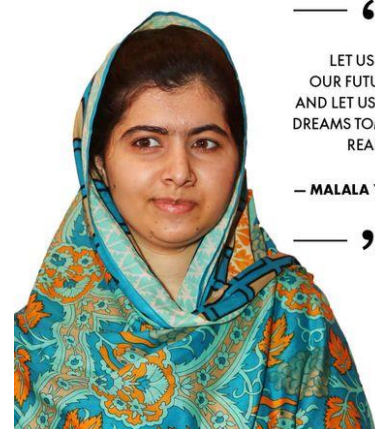
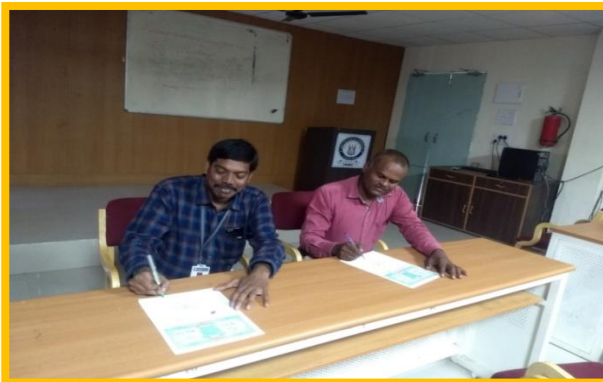
VEMU NAACH 2K18

The Department organized a grand scale of celebrations VEMU NAACH 2K18 on 18-03-2018 with the aegis of the Management of VEMU IT. The dignitaries were Sri. N.Amarnath Reddy, Ministry of Industries, Govt of AP. He was the honorable Chief Guest of the occasion. The other Guest of Honors were Sri.Pullivarthi Nani, Ex-MLA and President, TDP, Chittoor, Sri. Dora Babu, MLC, the Chairman of VEMU IT, Dr. K.Chandrasekhar Naidu. On the eve of this occasion, the toppers in academic proficiency were awarded cash prizes by the Chief Guest. The rank holders were appreciated by him. He spoke on the essence of ethical and moral values along with education. There were also cultural events. The students performed dances both Group and Solo, enacted Skit, Mime and Mimicry. It showcased their hidden talents.



MEMORANDAM OF UNDERSTANDING (MOUs)

Memorandum of Understanding between VEMU Institute of Technology, P. Kothakota and PANTECH Solutions, Chennai was made on 26-03-2018. The MoU is valid for a period of 6 years. The MoU was made exclusively for the benefit of ECE Staff and Students. PANTECH Solutions, Chennai has agreed to provide support for Industrial visits, Internships, Projects Assistance, Faculty Development Programs and Workshops etc.



— “ —
LET US MAKE
OUR FUTURE NOW,
AND LET US MAKE OUR
DREAMS TOMORROW'S
REALITY.
— MALALA YOUSAFZAI
” —

DEPARTMENT OF ELECTRONICS COMMUNICATION ENGINEERING

GUEST LECTURE

1. A Guest Lecture on “Neural Networks and Fuzzy Logic” was organized by ECE Department on 9th March 2018 for the benefit of its students. Dr G. Sreenivasulu, Professor, SV University College Of Engineering, Tirupati is the speaker. This lecture session covered topics like Types of Neural Networks, Firing rules, Algorithms, Transfer functions, feature extraction, key features and application of Fuzzy logic.



2. A Guest lecture on “PATTERN RECOGNITION APPLICATION” was organized by the Department of ECE for its students on 17th March 2018. Mr. Muni Sankar, Assistant Professor, Sri Padmavathi Mahila University, Tirupati is the resource person for the lecture. This lecture session covered topics like Speech Recognition, Character Recognition, Fingerprint, Text Characterization, Face detection etc.



SEMINAR

A One day Seminar on CMOS Sequential Circuits was conducted by Department of ECE. The seminar provided knowledge on various types of CMOS Circuits, Optimization Techniques by using CMOS Technology, various types of sequential circuits used for reducing power consumption, delay, area etc. The resource person for this program is Mr. K.V.Ramanaiah, Associate Professor, Yogi Vemana University College of Engineering, Prodduturu.



BOOT CAMP

An Innovation Hackthon 2018 (“Building Smart Villages”) in Collaboration with “SMART BRIDGE” was organized by the Department of Electronics & Communication Engineering. The Camp was held from 26th April to 29th April 2018. The Program aimed at providing Knowledge on Boot Camp with real time examples which are very helpful in getting jobs.



PROJECT EXPO

A Project Exhibition was organized by the Department of ECE on 13th March 2018 in ECE Projects Lab. The Students exhibited their innovative thoughts in the form of projects on Embedded Systems like Smart Irrigation System, Eye Detection Robot, Smart Dust bin, Home automation System and some Projects on VLSI.



PAPERS PUBLISHED BY FACULTY

1. T. Muni Reddy of ECE dept published a paper titled “*Real Time Human Emotion Recognition Using Artificial Neural Networks*” in IJARCSCE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.
2. S Chandana of ECE dept published a paper titled “*Design of Low Power Topologically Compressed Static Flip-Flop*” in IJARCSSE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.
3. M Poornima of ECE dept published a paper titled “*Microcontroller Based Single Phase Seven Level Inverter for Photo Voltaic System*” in IJARCSSE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.
4. R Rani of ECE dept published a paper titled “*IOT Based Home Security System Using Raspberry Pi With Email and Voice Alert*” in IJARCSSE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.

5. J V Pasha of ECE dept published a paper titled "*Enhanced Smart Security System for Intelligent Monitoring*" in IJARCSSE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.
6. U. Somalatha of ECE dept published a paper titled "*Design Of Low Power Topologically Compressed Static Flip-Flop*" in IJARCSSE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.
7. V Bharathi of ECE dept published a paper titled "*Microcontroller Based Single Phase Seven Level Inverter for Photo Voltaic System*" in IJARCSSE, April 2018, ISSN No-2277-128X, **Vol.8 (4)**.
8. B. Saroja of ECE dept published a paper titled "*Color Cancer Detection for Biopsy Images Using SFCM and ANN*" in Jour of Adv Research in Dynamical & Control Systems, April 2018, ISSN No-1943-023X, **Vol.10 (7)**.
9. B. Saroja of ECE dept published a paper titled "*Upgraded Spatial Gray Level Dependence Matrices for Textural Analysis in Colon Cancer Tissues*" in International Journal of Engineering and Technology, April 2018, ISSN No-2227-524X, **Vol.7 (2.20)**, DOI 10.14419/ijet.v7i2.20.14781.
10. Y Mahesh of ECE dept published a paper titled "*RFID Based Smart Trolley System*" in IJSRSET, April 2018, ISSN No-2394-4099, **Vol.4 (7)**, DOI 10.32628/IJSRSET1844380.
11. L Ramamurthy of ECE dept published a paper titled "*RFID Based Smart Trolley System*" in IJSRSET, April 2018, ISSN No-2394-4099, **Vol.4 (7)**, DOI 10.32628/IJSRSET1844380.
12. R Rani of ECE dept published a paper titled "*Reduction of Reflectors By Using Grapheme As An Antenna*" in IJCRT, March 2018, ISSN No-2320-2882, **Vol.6 (1)**.
13. U. Somalatha of ECE dept published a paper titled "*VLSI Design of High Performance DA-Based Reconfigurable FIR Filter For ASIC and FPGA Implementation*" in I-Manager's Journal on Circuits and Systems, February 2018, ISSN No-2321-7502, **Vol.6 (1)**, DOI <http://doi.org/10.26634/jcir.6.1.14494>.
14. S.Chandana of ECE dept published a paper titled "*VLSI Design of High Performance DA-Based Reconfigurable FIR Filter For ASIC and FPGA Implementation*" in I-Manager's Journal on Circuits and Systems, February 2018, ISSN No-2321-7502, **Vol.6 (1)**, DOI <http://doi.org/10.26634/jcir.6.1.14494>.
15. S. Chandana of ECE dept published a paper titled "*Design of High Performance of Aging Aware Multiplier By Using Adaptive Hold Logic*" in Int. Journal of Engineering Research and Applications, February 2018, ISSN No-2248-9622, **Vol.8 (2)**.
16. U. Somalatha of ECE dept published a paper titled "*Design of High Performance of Aging Aware Multiplier by Using Adaptive Hold Logic*" in Int. Journal of Engineering Research and Applications, February 2018, ISSN No-2248-9622, **Vol.8 (2)**.
17. B. Saroja of ECE dept published a paper titled "*Colon Cancer Detection Methods – A Review*" in Annual Research & Review in Biology, February 2018, ISSN No-2347-565X, **Vol.24 (2)**.
18. P. Lokesh of ECE dept published a paper titled "*Design of High Performance of Aging Aware Multiplier By Using Adaptive Hold Logic Circuit*" in Int. Journal of Engineering Research and Applications, February 2018, ISSN No-2248-9622, **Vol.8 (2)**.
19. R. Mallikarjuna Reddy of ECE dept published a paper titled "*A Novel Design and Implementation of Dual Use of Power Lines For Design For-Testability By Using LOC And LOS Technique*" in IJSRSET, February 2018, ISSN No-2395-1990, **Vol.4 (1)**.
20. P. Lokesh of ECE dept published a paper titled "*VLSI Design of High Performance DA-Based Reconfigurable FIR Filter For ASIC And FPGA Implementation*" in i-manager's Journal on Circuits and Systems, February 2018, ISSN No-2321-7502, **Vol.6 (1)**, DOI <http://doi.org/10.26634/jcir.6.1.14494>.
21. H. Chandrasekhar of ECE dept published a paper titled "*Multi Bit Errors Prediction and Correction In Memories Using Cost Efficient 64-bit DMC*" in International Journal of Scientific Research in CSE and IT, January 2018, ISSN No-2456-3307, **Vol.3 (1)**.

TOPPERS LIST

II-II



A Devika
174M5A0401
90.11%



S Sai Prathap Reddy
164M1A0495
87.89%

III-II



C Hari Krishna
154M1A0411
83.78%



V Sneha Latha
154M1A0498
81.89%

IV-II

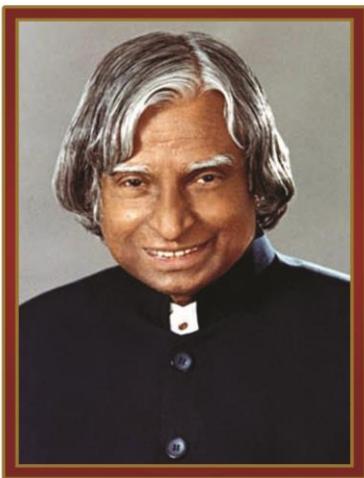


M Vidya
144M1A0479
88.36%



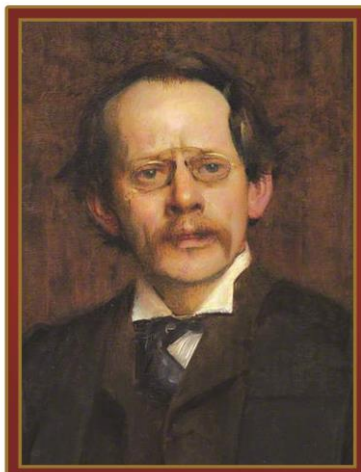
M L Mounika
154M5A0408
84.91%

SCIENTISTS OF ECE



Dr. A. P. J. Abdul Kalam

Avul Pakir Jainulabdeen Abdul Kalam (15 October 1931) usually referred to as Dr. A. P. J. Abdul Kalam, is an **Indian scientist** and administrator who served as the 11th President of India from 2002 to 2007. Launched Several Satellites Successfully He is also **Missileman of India**



BORN : 18 -12-1856 Sir Joseph John Thomson DIED : - 30-08-1940

He was an English physicist. He is credited with the **discovery and identification of the electron**, also finding the first evidence for **isotopes**. He invented the mass spectrometer. Awarded the **1906 Nobel Prize in Physics** for the discovery of the electron and for his work on the conduction of electricity in gases.



BORN : 25 - 04 -1874 Guglielmo Marconi DIED : 20-07-1937
Guglielmo Marconi known for his pioneering work on long-distance radio transmission and for his development of **Marconi's law and a radio telegraph system**. He is the inventor of radio, and he shared the 1909 Nobel Prize in Physics with Karl Ferdinand Braun. He is called as **Father of Wireless communication**

WORKSHOPS ATTENDED BY FACULTY

1. K. Mandal and R. Khadar Vali, faculty members of CSE Department have attended for a three days workshop on Machine Learning and its applications held at Sree Vidyanikethan Engineering College, Tirupati. The workshop was conducted from 03-01-2018 to 05-01-2018. This workshop mainly focused on the fundamentals of machine learning and its applications to solve various engineering problems.
2. Dr. D. Nageswara Rao, A. Bhanu Prakash, E. Murali and E. Sai Divya, faculty members of Department of CSE have participated in a three days workshop on Foundation of Artificial Intelligence & Machine Learning organized by Yogananda Institute of Technology & Science, Tirupati. The workshop was conducted from 21-02-2018 to 23-02-2108. The workshop mainly dealt with the fundamentals of artificial intelligence and machine learning and their significance in engineering applications.

SEMINAR ATTENDED BY FACULTY

Dr. A. Nageswaran, S. Tejasree, T. Kumar Raja, K. Mandal and R. Khadhar Vali, faculty of CSE Department have attended for a two days seminar on 3D Animation. The seminar was hosted by Annamacharya Institute of Technology & Science, Tirupathi from 12-02-2018 to 13-02-2018. This seminar has given some valuable insights on animation tools and techniques and 3D animation features.

FDP ATTENDED BY FACULTY

Mr. B. Rama Ganesh, Mr. G. Lokesh, Ms. B. Jalaja Kumari, Mr. D.R. Rajendra Prasad and Mr. G. Viswanath faculty of CSE have attended for a three day Faculty Development Program on Teaching Techniques. The program was conducted by Siddhartha Institute of Engineering And Technology, Puttur from 27-03-2018 to 29-03-2018. This FDP helped the faculty to understand the modern teaching techniques.

PAPERS PUBLISHED BY FACULTY

1. V. Goutham Prakash of CSE dept published a paper in International Journal and Magazine of Engineering Technology, Management and Research in June 2018.
2. S. Teja Sree of CSE dept published a paper in International Journal and Magazine of Engineering Technology, Management and Research in June 2018.

STUDENTS ACHIEVEMENTS

1. R. Husna and A. Thushitha, students of CSE Department have attended for a paper presentation contest organized by Kuppam Engineering College, Kuppam on 24-01-2018 and the students have won first prize.
2. M. Suma and P. Gayathri, students of CSE have participated in Poster Presentation contest in Techno Cultural Sports Fest hosted by Madanapalle Institute of Technology & Science, Madanapalle. The fest was held on 16-02-2018 and 17-02-2018. The students received second prize in the contest.
3. N. Muniraj and K. Mohan Krishna, students of CSE have participated in ITechnofest 2K18 (A model exhibition) arranged by the Department of CSE, SVCET, Chittoor. The exhibition was held on 28-03-2018 and 29-03-2018 and the students got second prize in the exhibition.

4. T.S. Poojitha and S. Thasmiy, students of CSE have participated in AAROHAN, a paper presentation contest organized by Mother Theresa Institute of Engineering and Technology, Palamaner on 31-03-2018 and won second prize in the contest.
5. T.S. Poojitha and V. T. Thapan, students of CSE have participated in QUIZ competition as part of TECH BLOOM 2018 an event organized by SVCE, Tirupathi. The event was held on 21-04-2018. The students have won first prize in the competition.

TOPPERS LIST

I YEAR



K Pushpa Latha
164M1A0540
CSE-A
86%



Nanga Sasikala
164M1A0560
CSE-A
83.62%



T Yatheesha
164M1A0599
CSE-B
84.6%



V T Thapan
164M1A05B0
CSE-B
83.38%

II YEAR



Doddala Sindhu
154M1A0518
CSE-A
80.41%



GS Supriya Reddy
154M1A0526
CSE-A
78.18%



Patnam Lavanya
154M1A0578
CSE-B
78.45%



B Niharika
164M1A0540
CSE-A
77.8%

III YEAR



P Nithya
144M1A0546
77.84%



S Saritha
144M1A0559
77.34%

WORKSHOP

A two days workshop on Soft Computing Techniques in Power Systems was organized on 10-02-2018 and 11-02-2018. Dr. A. Lakshmi Devi, Professor, S.V. University College of Engineering, Tirupathi and Dr. A. HemaSekhar, Professor, VEMU Institute of Technology are the resource persons. The two days workshop mainly focused on application of artificial neural networks and fuzzy logic in power system operation and control.

SEMINAR

A seminar was organized by the Department of EEE on Importance of Ethics and Values for Successful Career on 17-02-2018. All the II, III and IV B.Tech students have attended the program. Mr. Susheer Sandra, Psychologist and Motivational Speaker is the resource person for the program. He emphasized on work ethics and value systems to be adopted for a successful career.

GUEST LECTURE

A guest lecture on Power Systems Operation and Control was conducted by EEE Department for the benefit of its students. The lecture was conducted on 22-03-2018. Dr. S. Farook, Professor, SVEC, Tirupathi is the speaker. He enlightened the students with suitable applications and examples of operation and control of power systems.

INTERNSHIPS

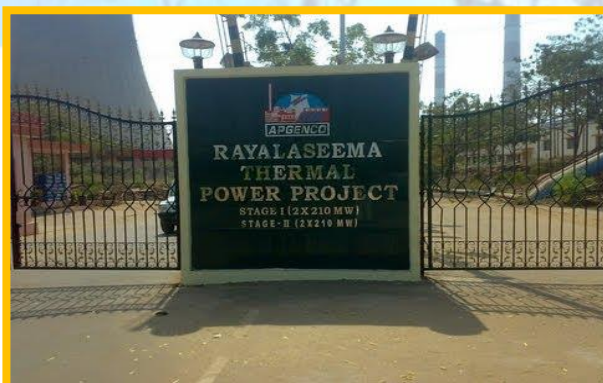
A total of 5 students have attended for Internship at Power Lab Instruments, Chennai from 11-06-2018 to 29-06-2018. Power lab instruments, Chennai is known for supplying laboratory equipments and instruments for EEE, ECE and ME branches. During the internship, students have learnt about the design and development aspects of hardware and software of various laboratory equipments / instruments.

ASSOCIATION ACTIVITIES

A guest lecture on “Future Scope for Electrical Engineering” is organized by the Department of EEE under association activities. Dr. A. Lakshmi Devi, Professor, S.V. University College of Engineering, Tirupathi is invited to deliver the guest lecture. The event was held on 04-04-2018. Her lecture helped the students to understand the future job prospects for EEE students and how mould their careers.

INDUSTRIAL VISIT

An industrial visit to Rayalaseema Thermal Power Project (RTPP, APGENCO), Muddanur was organized for the benefit of III B.Tech. EEE students on 05-03-2018. Mr. M. Murali, faculty of EEE Department accompanied the students. The visit helped the students to understand the thermal power generation and distribution methods.



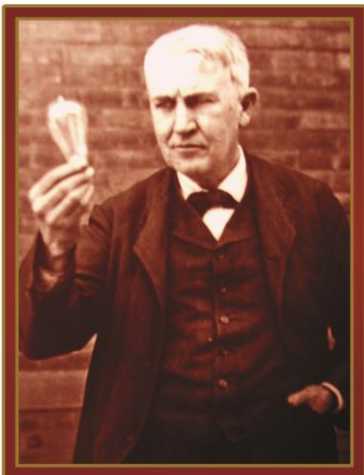
STUDENTS ACHIEVEMENTS

1. B. Lava Kumar, student of III B.Tech. attended for SYNERGY'18 organized by VIT University, Vellore and won first prize. The event was held on 23-02-2018.
2. V.T. Tharun and T. Ramesh, students of II B.Tech participated in TECHNOSANGRAM-2K18 organized by Annamacharya Institute of Technology, Tirupathi. The event was held during 16-03-2018 and 17-03-2018 and the students have won first prize.
3. B.Dhana Sekhar and P.D. Reddemma, students of III B.Tech participated in Siddhartha Quest – 2017 organized by SIETK , Puttur on 20-03-2018 and won second prize.
4. P. Giridhar Reddy and T. Ramesh, students of III B.Tech have participated in CIENCIA 2K18 (A National Level Technical Symposium) organized by CVR College of Engineering, Hyderabad and won second prize. The event was held on 05-04-2018.

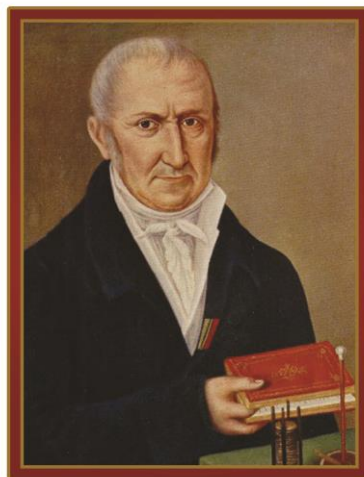
STUDENTS PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

1. C.K.Thulasimala, student of EEE Department published a paper titled, "*Harmonic reduction strategy of Z-Source inverter fed brushless DC motor using harmonic filter*", IJSETR (International Journal of Scientific Engineering and Technology Research), **Vol.7 (5)**, ISSN:2311-8885, PP1013-1017, May 2018.

SCIENTISTS OF EEE



BORN : 11-02-1847 Thomas Alva Edison DIED : 18-10-1931
He was an American inventor and businessman. He developed many devices including the **phonograph**, **themotion picture camera**, and a long-lasting, practical **electric light bulb**. He was one of the first inventors to apply the principles of mass production.



BORN : 18-02-1745 Alessandro Volta DIED : 5-03-1827
He was an Italian physicist known for the invention of the battery in the 1800s. Known for Invention of the electric cell Discovery of methane Volt Voltage Voltmeter. Notable awards Copley Medal (1794)



BORN : 17-12-1797 Joseph Henry DIED : -13-03-1878
He was an American scientist. While building electromagnets, Henry discovered the electromagnetic phenomenon of self-inductance. He also discovered mutual inductance independently of Michael Faraday, (1791-1867),

WORKSHOP

A One day workshop on Intellectual Property Rights was organized by the Department of Mechanical Engineering on 17-01-2018. Mr. Pradeep Kumar, Manager, KSCST, Patent Information Center, IISC Campus is the resource person. The objective of this Workshop is to discuss various forms of Intellectual Property Rights such as Patents, Copyrights, Geographical Indications, Layout Designs, and Industrial Designs etc. Also, valuable information is given about the characteristics of all types of IPRs and their economic importance. He also discussed the advantages of getting patents and other form of IPRs. In his concluding remark, Mr. Pradeep said that, though late, the regime of patenting has arrived in India and we should take full advantage of the situation.



ENTREPRENEURSHIP AWARENESS CAMP

The Entrepreneurship Awareness Camp was conducted at VEMUIT, P.KOTHAKOTA, for 3 days from 19th February to 21th February 2017. The camp has created awareness among the students about various facets of entrepreneurship while highlighting the merits of pursuing such a career option. In Entrepreneurship Awareness camp, more than 100 students are exposed to different aspects of entrepreneurship, including opportunity guidance, services offered by agencies of support system etc.,

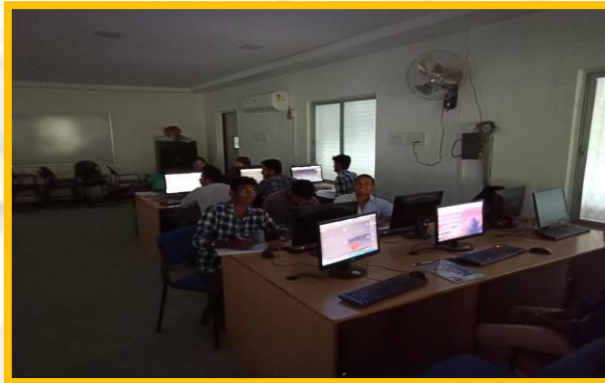
PAPERS PUBLISHED BY FACULTY

1. P. Ajay Kumar, M. Dora Babu, G. Ramesh, K. Balaji of ME dept published a paper titled "*Development and Analysis of Wind Mill Blade*" in International Journal of Innovative Technology and Research (IJITR), Jun – July 2017, ISSN No-2320 – 5547.
2. M. Dilip Kumar, K. Sai Rohith, E. Anand Kumar of ME dept published a paper titled "*Fabrication of Auto roll Punching Machine*" in International Journal of Engineering Reaearch and Tehnology (IJERT), April 2017, ISSN No-2278 – 0181.
3. M. Narendra, K. Balaji, G. Ramesh of ME dept published a paper titled "*Design and Analysis of Load Carrying Trolley*" in International Journal for Scientific Research & Development, 2017, ISSN No-2321-0613.
4. Ramesh Ganugapenta, Suresh Ganta, K. Balaji, M. Dora Babu of ME dept published a paper titled "*Thermal and Transient Analysis of Heat Pipe Cooling in Drilling Applications*" in International Journal of Scientific & Engineering Research, 2017, ISSN No-2229-5518.
5. P. Dilip Kumar, G. Ramesh, G. Suresh of ME dept published a paper titled "*Structural and Vibrational Analysis of Wheel Rim*" in International Journal of Advance Research, Ideas and Innovations in Technology, 2017, ISSN No-2454-132X.
6. B. Naresimha Reddy, G. Suresh, G. Ramesh, K. Balaji of ME dept published a paper titled "*Evaluation of Design Alternatives for Automotive Index When Handling General Vibration Standards*" in International Journal of Innovative Technology and Research, July 2017, ISSN No-2320-5547.

DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP

A Workshop on Revit architecture & Structures was organized by the Department of Civil Engineering in association with APSSDC. The workshop was held from 15/2/2018 to 28/02/2018. Mr. V Brahmesh , Miss. Kanyakumari & Miss. G Ramya, are the resource persons for the workshop. The workshop was conducted for IV B.Tech. Civil Engineering students. At the end of the workshop students are able to understand and appreciate the unique features of Revit software such as Walk through, rendering etc., where one can represent the reality of the buildings, interior and structure virtually. Also, they came to know that, Revit possesses three different modules viz. architecture, structure and MEP. Revit architecture is extremely user friendly and there are particular tools to build walls, doors, windows and other components which aren't available in AutoCAD. Also, drawing in 2D automatically produces a 3D model which is extremely advantageous. One can also edit the material of the structure and use the properties.



GUEST LECTURE

The Department of Civil Engineering has organized a guest lecture on Green Concrete for the benefit of its II and III B.Tech. Civil Engineering students. Dr. P. Ram Mohan, Associate Professor, School of SMBS, VIT University is the speaker. From this lecture the students came to know that, concrete which is made from concrete wastes that are eco-friendly are called as "Green Concrete". The concrete waste that are generally used are slag, power plant wastes, recycled concrete, mining and quarrying wastes, waste glass, incinerator residue, red mud, burnt clay, sawdust, combustor ash and foundry sand. The speaker enlightened the students about the steps involved in preparing green concrete and its applications.

ADD ON COURSE

A One week value added course on surveying using total station was organized by Civil Engineering Department from 19/03/2018 to 23/03/2018. II B.Tech. Civil Engineering students have attended for the workshop. Mr. Subramanyam, DSNM Global Solutions, was the resource person. In this workshop, the students have learnt that Total station is the combination of electronic theodolite which is integrated with microprocessor, electronic data collector and storage system. The instrument can be used to measure horizontal and vertical angles as well as sloping distance of object to the instrument. Also, students came to know that, data collected and processed in a Total Station can be downloaded to computers for further processing. Mr B. Ramu, Assistant professor and Mr M. Vinod, Assistant professor from the Department of Civil Engineering co – ordinated the training program.



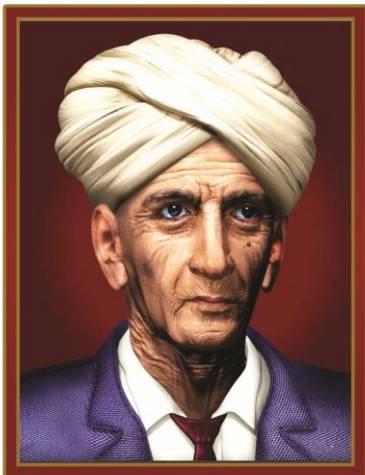
FACULTY ACHIEVEMENTS

1. Mr. B. Ramu, Assistant Professor, Department of Civil Engineering has received a cash reward of Rs.10,000/- and a certificate of appreciation for securing 100% pass percentage in the subject titled, "Project Management for Construction" and the course was taught for III B.Tech. students.
2. Mr.M. Vinod Kumar, Assistant Professor of the Department has received a cash reward of Rs. 10,000/- and a certificate of appreciation from the Chief Guest of College Annual Day for getting 100% pass percentage in the subject titled, "Construction Failures & Repairs". The subject is taught for III B.Tech. Civil Engineering students.

TOPPERS LIST

Name of the Student	Roll No.	Year/Sem	Percentage	Rank
C Thulasi	174M1A0108	II/I	85.125	First
A.Kiran	184M5A0101		83.5	Second
K.C.Swathi	174M5A0114	III/I	85.12	First
B.Vani	174M5A0102		80.87	Second
G.Sasikumar	154M1AO110	IV/I	81.44	First
V.Kumar	164M5AO112		76.2	Second

SCIENTISTS OF CE



BORN : 15-09-1860 Sir Mokshagundam Visvesvaraya DIED : 14-04-1962

Role: Engineer, Nationality: Indian
 Fields: **Civil Engineering**
 Notable awards: **Bharat Ratna (1955)**
 Member of London Institute of Civil Engineers



BORN : 9 - 08 - 1757 Thomas Telford DIED : 2 - 09 - 1834

He was the "**Father of Civil Engineering**". He was a Scottish civil engineer, architect and stonemason, and a noted road, bridge and canal builder. Such was his reputation as a prolific designer of highways and related bridges, he was dubbed The Colossus of Roads, and, reflecting his command of all types of civil engineering in the early 19th century, he was elected as the first President of the Institution of Civil Engineers

DEPARTMENT OF HUMANITIES & SCIENCES

TOPPERS LIST

2017-2018 SEM-II



M Niharika
174M1A0556
CSE-A
93.88%



S Vanitha
174M1A0492
ECE-B
89.5%



Y Divya Sree
174M1A05B8
CSE-B
93.25%



P Nuthana Nagasai
174M1A0371
ME
89.53%



A Jyothi
174M1A0202
EEE-A
88.13%



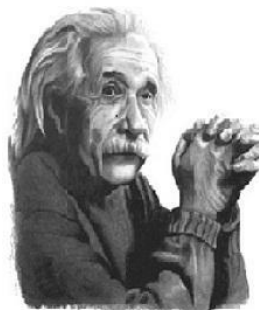
C Thulasi
174M1A0108
CE
82.38%



B Bojappa
174M1A0414
ECE-A
86.25%



G Reddy Prasad
174M1A0329
ME
85.38%



Education is what remains
after one has forgotten what
one has learned in school.

Albert Einstein

DEPARTMENT OF MBA

GUEST LECTURE

A guest lecture on “Empowerment of Retail Investors in Primary market” was conducted by the Department of MBA on 08-02-2018. Dr.B.M.Rajasekhar, Professor, Department of Management Studies, KMM Institutions, Tirupati is the speaker. The lecture has created an awareness on retail investors, issues in primary market, methods improve economic status of the retailers etc., Mr. M.Praveen Kumar, and C.Bhupathi, Faculty of Department of MBA have coordinated this programme.



UGADI SAMBARALU

To make the students recognize and understand the importance of Telugu festivals Ugadi Sambaralu was organized by VEMU Institute of Technology. In this eve the students and faculty members have participated enthusiastically in different competitions of cultural importance. All the students and faculty have attended the fest with traditional dress i.e boys with white shirt and dhoti, girls with half saree or saree.



ASSOCIATION ACTIVITIES

As a part of association activities, paper presentation contest was conducted for both Junior & Senior MBA students on 12-02-2018. The objective is to hone the presentation skills of the students. Head of the Department Dr.C.Sambaiah and senior faculty members of the Department gave some valuable tips to the students.



TOPPERS LIST

MBA I SEM RESULTS



N Sai Sindhu
174M1E0008
MBA-I Year
83.1%



S Firoz Begum
174M1E0017
MBA-I Year
80.6%



K Divya
174M1E0069
MBA-I Year
80.5%



A Supriya
174M1E0003
MBA-I Year
80.4%



R Mohitha
174M1E0009
MBA-I Year
80.2%

MBA IV SEM RESULTS



N Karthika
164M1E0079
MBA-II Year
86.4%



S Priya
164M1E00B4
MBA-II Year
85.2%



C Roopa
164M1E0012
MBA-II Year
85.0%



T Sharmila
164M1E00C4
MBA-II Year
84.2%



K Vani
164M1E0059
MBA-II Year
83.2%

PLACEMENT DATA

S. No	Name of the Company	Date	No. of Selections	Package
1	Rathna Packaging	09-01-2018	14	1.4
2	Just Dial	10-01-2018	11	1.6
3	Tech Mahindra	06-02-2018	20	1.4
4	Ram Tech corporation	19-03-2018	17	1.8
5	Data Matics	05-04-2018	5	1.2
6	Mobius	09-04-2018	12	1.6

What qualities are most important for a manager to be an effective leader? It's a question often asked and one that makes us sit back and think. Below are the top 10 qualities in rank order, according to their frequency listed.

Inspires a Shared Vision

An effective project leader is often described as having a vision of where to go and the ability to articulate it. Visionaries thrive on change and being able to draw new boundaries. It was once said that a leader is someone who -

"lifts us up, gives us a reason for being and gives the vision and spirit to change."

Visionary leaders enable people to feel they have a real stake in their work. They empower people to experience the vision on their own.

According to Warren Bennis ***"They offer people opportunities to create their own vision, to explore what the vision will mean to their jobs and lives, and to envision their future as part of the vision for the organization."*** (Bennis, 1997)

Strong leadership skills promote a "following" among employees and team members and though not all will play, everyone will have a role regardless of the contribution to the collective effort.

A Good Communicator

The ability to communicate with people at all levels is almost always named as the second most important skill by managers. A manager's leadership calls for clear communication about goals, responsibility, performance, expectations and feedback.

There is a great deal of value placed on openness and directness. The manager is also the team's or department's link to the larger organization. The manager must have the ability to effectively negotiate and use persuasion when necessary to ensure the success of the team or project. Through effective communication, managers support individual and team achievements by creating explicit guidelines for accomplishing results and for their career advancement.

Integrity

One of the most important things a manager must remember is that his or her actions, and not words, set the modus operandi for the team. Good leadership demands commitment to, and demonstration of, ethical practices. Creating standards for ethical behavior for oneself and living by these standards, as well as rewarding those who exemplify these practices, are responsibilities of leaders. Leadership motivated by self-interest does not serve the well being of the team. Leadership based on integrity represents nothing less than a set of values others share, behavior consistent with values and dedication to honesty with self and team members. In other words the leader "walks the talk" and in the process earns trust.

Enthusiasm

What is the difference between empathy and sympathy? Although the words are similar, they are, in fact, mutually exclusive. According to Norman Paul, in sympathy the subject is principally absorbed in his or her own feelings as they are projected into the object and has little concern for the reality and validity of the object's special experience. Empathy, on the other hand, presupposes the existence of the object as a separate individual, entitled to his or her own feelings, ideas and emotional history (Paul, 1970). As one student so eloquently put it, "It's nice when a project leader acknowledges that we all have a life outside of work."

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Competence

Simply put, to enlist in another's cause, we must believe that that person knows what he or she is doing. Leadership competence does not however necessarily refer to the leader's technical abilities in the core technology of the business. As project management continues to be recognized as a field in and of itself, leaders will be chosen based on their ability to successfully lead others rather than on technical expertise, as in the past. Having a winning track record is the surest way to be considered competent. Expertise in leadership skills is another dimension in competence. The ability to challenge, inspire, enable, model and encourage must be demonstrated if leaders are to be seen as capable and competent.

Ability to Delegate Tasks

Trust is an essential element in the relationship of a leader and his or her team. You demonstrate your trust in others through your actions - how much you check and control their work, how much you delegate and how much you allow people to participate. Individuals who are unable to trust other people often fail as leaders and forever remain little more than micro-managers, or end up doing all of the work themselves. As one project management student put it, "A good leader is a little lazy." An interesting perspective!

Cool Under Pressure

In a perfect world, projects would be delivered on time, under budget and with no major problems or obstacles to overcome. But we don't live in a perfect world - projects have problems. A leader with a hardy attitude will take these problems in stride. When leaders encounter a stressful event, they consider it interesting, they feel they can influence the outcome and they see it as an opportunity. "Out of the uncertainty and chaos of change, leaders rise up and articulate a new image of the future that pulls the project together." (Bennis 1997) And remember - never let them see you sweat.

Team-Building Skills

A team builder can best be defined as a strong person who provides the substance that holds the team together in common purpose toward the right objective. In order for a team to progress from a group of strangers to a single cohesive unit, the leader must understand the process and dynamics required for this transformation. He or she must also know the appropriate leadership style to use during each stage of team development. The leader must also have an understanding of the different team players styles and how to capitalize on each at the proper time, for the problem at hand.

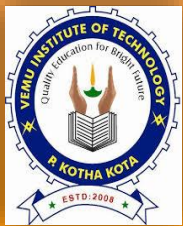
Problem Solving Skills

Although an effective leader is said to share problem-solving responsibilities with the team, we expect our leaders to have excellent problem-solving skills themselves. They have a "fresh, creative response to here-and-now opportunities," and not much concern with how others have performed them. (Kouzes 1987)

VEMU NEWS

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