

QUARTERLY NEWSLETTER
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CMRIT CONNECT



CMR INSTITUTE OF TECHNOLOGY

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Send your Feedback and
 suggestion on CMRIT
 Connect at
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The CMR Group

<i>CMR University</i>	<i>CMR Life Skills Institute</i>	<i>Ekya School, ITPL</i>
<i>CMR Institute of Technology</i>	<i>CMR National PU College</i>	<i>Ekya School, J.P Nagar</i>
<i>CMRIMS (Autonomous)</i>	<i>CMR National Public School</i>	<i>Ekya School, Kanakapura Road</i>
<i>CMR University School of Legal Studies</i>	<i>NPS International School, Singapore</i>	<i>Ekya School, BTM Layout</i>
		<i>Ekya School, Byrathi</i>

MESSAGE FROM THE PRINCIPAL



Dr. Sanjay Jain
Principal

Dear Reader,

CMR Institute of Technology is channelizing the energy of its students towards its vision to produce 'competent' professionals with attributes to serve the society.

Our faculty are key to this transformation process - guiding and mentoring each and every student during their sojourn at CMRIT. One of our key focus areas is to enhance confidence, creativity, and competence of our students.

To achieve this, CMRIT has started a series of hackathons on Python, R, 'Embedded with IoT', AutoCAD, and social ideas in the current semester. Our students are also participating in several external hackathons, competing with the best of their counterparts from institutes of national and international repute.

CMRIT's 'Innovation & Entrepreneurship' cell and thirteen 'Centres of Excellence' are providing a pedestal for creativity and research. Our students and faculty are engrossed into many innovative, research, and social projects with sponsorship from private bodies, government agencies, and CMRIT management.

Our 'Tie-your-LACES' program has taken momentum in the last two months where our pre-final year students have undergone one of the best 'Aptitude' and 'Soft skills' trainings. This is followed by technical trainings to prepare them for the placement season beginning from July 2019. We strive to make our students stand-out among their peers in the competitive world. Our new 'career advisor' also helps our students to chart out their individual career path.

We are happy to share that one of our final year students got a package of eighteen lakhs rupees at VMware. In total, over five hundred offers are made till date by more than eighty companies that visited our campus in the current academic year.

At CMRIT, we also create excitement among school students about science and technology. Many PU students visited our unique 'Maker-space' facility and got trained on Laser cutting machine and 3D printer. I hope this quarterly edition of 'CMRIT Connect' will give you a glimpse of our activities.

Dr. Sanjay Jain
Principal

MESSAGE FROM THE VICE-PRINCIPAL



Dr. B. Narasimha Murthy
Vice Principal

Dear Readers,

The quarterly news letter "CMR Connect" has become very popular among parents, students and all other stakeholders for its vibrant content. My congratulations to the editorial team for their continuous efforts for bringing out an excellent news letter consolidating all the activities happening in the campus. Hope this will motivate many other students and faculty to scale greater heights.

Dr. B. Narasimha Murthy
Vice Principal

HOD'S COLUMN

Dear Reader,

As the computer science technocrats of CMRIT, we focus on designing and implementation of solutions for real world problems. From academics to co-curricular activities, determination and a never-say-die spirit are embedded in the heart of every student not only making them brilliant students but good human beings. We are creating an environment for research, entrepreneurs and professional who possess skills and aptitudes in an array of functional disciplines.



Dr. Jhansi Rani P
HoD, Dept of CSE

I am very happy with the progress the department has made by imbuing in its students value-based education synergized with modern teaching-learning methods to produce a generation of well-informed and emotionally sound. I am positive that in times to come we will continue this journey with elevated enthusiasm and persistently provide a platform of holistic learning to the learners young generation.

My very competent team of professors strives to focus on each and every student, monitor and mentor them, appreciate their achievement and encourage them to overcome their shortcomings.

Special emphasis is on Outcome Based Education (OBE) and Experiential Learning. All the faculty members create appropriate, meaningful and participative learning sessions and also appreciate the efforts of the students with all generosity and broadness of vision.

I expect all my young technocrats to focus on their cherished goals and strive hard to accomplish them transcending mediocrity and procrastination.

Dr. Jhansi Rani P
HoD-CSE

COEs AND I&E CELL

CoE- Materials Science The student project titled “Innovative Application of Optical Sensing for Heavy Metal Detection in Water towards Effective Pollution Control” operated under **COE Sensors & Nanoelectronics** and jointly guided by Dr. Chaitanya and Prof. Vinay has been selected for FAER-McFee Scholar program in December 2018. The project aims to develop colorimetry based optical detection setup and associated microelectronic circuitry for an optical sensor to detect heavy metals in waste water at ppm level. The scholarship has been awarded to three students working under the project Ms. Maheshwari, Ms. Rashmi T, and Ms. Anushka Jemima to be completed by May 2019. The FAER-McFee project will be mentored by an expert faculty from Indian Institute of Science Prof. Srinivas T at their ECE department which has been in collaboration with Prof. Dwarakadasa at Karnataka Hybrid Microdevices Ltd., Electronic city, Bengaluru.



CoE-Sensors & Nano electronics

Over the past few months at **COE Materials Science** research centre, we have developed over last few years a strong research program on solar energy harvesting with three of its faculty, Dr. Shamsundar Hegde, Dr. Ramdas & Dr. Chaitanya involved in preparing nano-sized oxides, composites and chalcogenide materials to harness sunlight for photoconversion targeting photovoltaic and dye degradation photocatalysis applications. The program started with obtaining a DST funded project and further expanded as more faculty joined the unit. Currently the research facility for this includes a wet-chemical synthesis lab that can synthesis nanocrystals down to 3-4 nm range to micron sized particles, multi-layered thin films by RF sputtering and chemical bath coating, powder X-ray diffractometer for structural analyses and Spectrophotometer for electronic structure investigations. Ms. Sangeetha attended a international conference in December 2018 and presented a paper on development of polymer coated mixed oxide composites that showed very interesting luminescence quenching in the visible region, a prerequisite for good photoconversion efficiency. We will be updating in the forthcoming issues with more specific details of some of the interesting works that are being carried out by faculty and research scholars working with the COE



under this program. Many student projects have also been undertaken connected to solar energy harvesting and environmental remediation both at the research centre and at the chemistry department during the just ended semester.

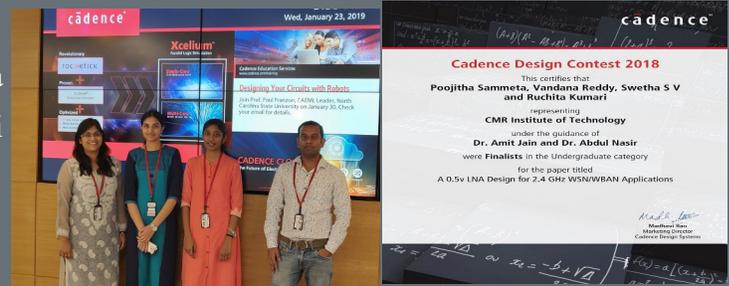
CoE– Natural Resource Management- Water and Energy

Prof N. Soundarya is working on sustainable usage of wastes by designing eco-friendly mud- blocks and plastic bottle bricks using GGBS (ground granulated blast furnace slab). In addition, she is developing a low cost fly ash and lime amended compost from canteen wet waste with coco-peat. Dr. Smaranika Panda is working on chemical and physical characterization of fine particulate exposure for street vendors at different land uses of Bangalore city. Further, the air quality variation during different extreme events such as Diwali are being studied. Dr. Asha has developed a module for harnessing energy from pavements using piezoelectric crystals and refinements are still made to the module to maximize the power output. A snap shot of the piezoelectric module developed is presented here.



CoE-Integrated Circuits (IC)

Team from CoE-IC were finalist in cadence India Design Contest 23rd January 2019. Prof Rahul Tiwari presented his paper in an IEEE conference



CoE-Signal Processing



With the objective of becoming a self sufficient and internationally renowned research center in signal processing, COE has started different research projects to learn and develop various tools and applications of the field.

- The mini projects for second and third year students were completed with exuberance and eagerness. The major projects for final year B.Tech students are still going on and students have made substantial progress. These projects are aimed at encouraging students to explore the field of signal processing and encourage them to go for higher studies in the same.
- The COE has also proposed a real time integrated traffic monitoring algorithm which aims at increasing the actual flow of the traffic by controlling the stopping time for each lane based on the clearance rate of

the lane. Also, in case of emergency vehicles, the algorithms detect the direction of the vehicle and ensure that it gets the least waiting time possible. We are also working on a in-vehicle driver's health monitoring system, where the ECG signal of the driver is acquired, de noised and various health parameters of the driver are measured.

CoE-Intelligent Energy Systems

Mega Application titled, “Micro-Energy Management System”, has been identified during December 2018. It has been planned to develop the latest applications in the micro energy extractors which is environment-friendly and capable of generating energy from various non-conventional energy sources through Bio-batteries, Bloom box, Waste energy extraction and Free Electric generator. A Research paper titled, “Overview and Recent Scenario of Biomass Gasifier Plants in Tamilnadu – A Field Survey” authored by M.Mohamed Iqbal and Kashif Ahmed has been accepted for presentation in ICAECT 2019 and it will be published in Springer LNEE (Scopus Indexed). A Seminar on, “Research Insights and Publication strategies”, was organized on 18.01.2019. Dr.R.Ganesan, Chairmen, National Foundation for Entrepreneurship Development, Coimbatore was the Chief-Guest. Dr.M.Mohamed Iqbal, Head of the CoE presented the Mega Application titled, “Micro-Energy Management Systems”, during Faculty Orientation Program held during 21-23, January 2019.



CoE-Intelligent Robotic System

Center of Excellence in Intelligent Robotic Systems (CoE - IRS) was introduced in Jan 2019. This is the multidisciplinary research center and it is parked under the department of Electrical and Electronics Engineering, CMRIT.



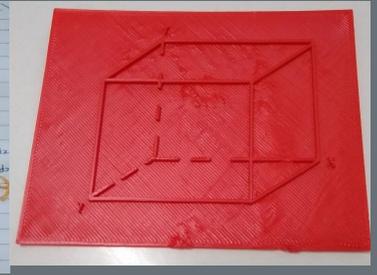
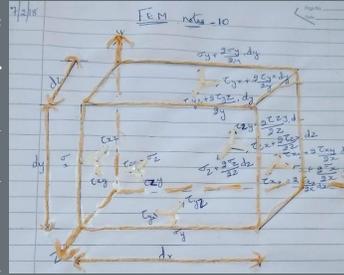
CoE-Additive Manufacturing

3D PRINTING SUPPORTS THE BLIND BRAILLE PICTURE BOOKS –The Tactile Book project

In 2018, Mr. Giridhar N V, a second year B.E student from Mechanical Engineering department lost his eye-sight because of Dengue fever. The faculty members, with the support from Giridhar's parents, have given their best to help him with teaching, learning and content delivery. As the first-cut solution to understanding the illustrations found in the courseware, schematics were rendered as shown in fig(a). Here, threads were glued to the sheet to represent lines so as to provide an embossing effect. Subsequently, the department faculty

help them with 3D printed sheet shown in fig (b). The 3D printers developed in-house were employed for this purpose. A 150×100 sheet depicting the diagram could be printed in 60 minutes. The latter have been found to be flexible, rugged and durable.

DELTA-TYPE FUSED DEPOSITION MODELING MACHINE



A team of four students are involved in the development of delta-type FDM 3D Printing machine for generation of printed components. Delta FDM printers uses a different system of movement for the printer nozzle. Instead of XYZ rods, delta printers support the extruder with three arms, which are attached to three vertical posts arranged in a triangle. Each arm can only move vertically up and down, but by moving each arm independently the extruder will be able to move in all directions.

CoE-Metallurgical Engineering

As part of the CoE Mega application, we have been actively working on the development of a lightweight aluminum composite with agro-waste and industrial waste filler particles. The work was initiated with the help of students of 3rd Semester and faculty members (Prof. Harisha P and Prof. Chandan K R) of Mechanical Engineering department. We have done some preliminary studies and found that the addition of these light waste fillers improved the wear resistance properties of the aluminium matrix. The results of the work carried out were sent to two reputed conferences and have been accepted for presentation.



CoE-Financial Markets

Centre Will server the following purpose:

- Better Understanding of Working Of Financial Markets Through Data Visualization And Analysis
- Markets Include Equity, Currency, Commodity, Money Market, Fixed Income And Derivative Markets
- Will Support The Investment Banking Program Courses Like Fixed Income, Equity Research, Portfolio Management, Currency Markets, Commodity Markets, Trading Strategies And Quantitative Trading Using Simulated Markets
- Will Support Participation Of Students In Various Domestic And International Investment Banking And Trading Competition
- Will Support Actively The Setting Up And Running Of A Student Managed Fund

CoE-Data driven Internet of Things

A Two-Day Workshop on INTERNET OF THINGS USING RASPBERRY PI was held on 21st and 22nd February 2019. To create awareness among students and faculty members in the basics of Internet of Things, applications and its implementations using Arduino Uno and Raspberry Pi. Workshop was jointly organized by the Department of ISE, sessions were planned and prepared justifying the title. Schedule was shared with participants at the time of registration. We had 4 sessions per day where all the sessions were occupied by demonstrations followed by lunch. After lunch, it was fully hands on with simple case studies using Arduino Uno and Raspberry Pi. Registration process was as per the brochure in circulation. Earlier workshop was inaugurated by Dr. Sanjay Jain , Principal , CMR Institute of Technology. Mr.Udhay, and Mr.Sai Krishna , Technical Architects, Lydor Software, Bangalore presented the complete demonstrations in simple Internet of Things experiments using Arduino Uno Boards . There was a good response to this workshop with around 60 participants registered.



I & E Cell

- Sanction of AICTE Prerana: 10 Lakhs for Empowerment of SC/ST students for higher studies through systematic coaching
- AICTE SAMRIDHI: Rs 20 Lakhs for Empowerment of SC/ST students through entrepreneurship.
- Unnat Bharath Abhiyan Grant: 5 Lakhs

Conclusion of Grand Challenges Karnataka & BIRAC SoCH grants & development of indigenous products

CMRIT received one grant each from government of Karnataka & Government of India for Sewage water treatment & utilization of associated sludge in May 2018. This project was handled by I&E faculty Prof. Srinivas Reddy, Prof. Karthik NM, Prof. Chidhananda, Prof. Sowmya Reddy, Prof. Mahesh S Gour and ably supported by the young researchers of I&E, Sharath Kumar D, Chandrappa M, Anand Raja C, Ramesha GN, and Manohar S. Some students, to name a few, Kounshik, Nithesh, Tanish, Raju, Srinivas, Murthy (all Mechanical) have contributed for the success of the projects. As a part of this project, the I&E Team has developed a Mobile STP (first of its kind), patented formulation for sewage sludge bricks, a 100L, 1000L, 10,000L and 25,000L/ day and have shown functional display of the same in front of the IKP knowledge park & Government of Karnataka officials. These two government projects have been successfully completed and the government of Karnataka project is now being considered for next level funding of Rs 50 lakh and the results are awaited.

100 L/day



1000 L/Day



25000 L/Day



Sludge Bricks



• Grand Challenges Karnataka team on CMRIT Site visit



Patents Filed

Patent Title

Patent reference Number

A COMPOSITION, A PROCESS OF PREPARING THE COMPOSITION, A METHOD OF TREATING WASTEWATER AND A DEVICE

201741045746, Complete Specification

AN ADAPTER FOR A WATER ATOMIZER

20184104888

Sludge Based Composition, Structures And Methods of Preparation Thereof

201941001964, Provisional

METHODS AND SYSTEMS FOR ANTIGRAVITY SLUDGE BASED SEPARATION

201941001965, Provisional

A METHOD OF TREATING WATERBODY

201941001801, Provisional

M-sand Slurry Based Composition, Structures and Methods of Preparation Thereof

201941001758, Provisional

Workshop

The I&E Cell, as part of its societal outreach, has organized an intellectual property-a full day workshop on “Geographical Indication”. In a country where the debate focused on how many jobs are being lost due to urbanization, invasion of Chinese products and tightening of external regulatory ecosystem, CMRIT I&E cell

has taken up this GI program to sustain and create rural jobs.

Grand Challenges Karnataka: Water atomizer Universal Design adapter

The I&E Cell team under the leadership of Prof. Srinivas reddy has successfully completed the Government of Karnataka's grand challenges project for creation of a water atomizer .



Research publication Writing for PhD Student

I&E Cell has conducted on test basis "PhD student research paper writing skill training".

Meeting at Engineers India Building on Varthur & Bellandur Lake

Our entrepreneurs CO3 structural systems was invited to be part of the MEL sponsored dredging work of the Varthur lake. Prof. TV Ramachandra of IISc asked all the civic groups to share



their experiences and challenges faced during lake rejuvenation projects.



BDA site Meeting

CMRIT I&E cell team comprising of Prof. Srinivas Reddy, undergraduate students of CMRIT and researchers of CO3 Structural systems were invited for a field visit and discussion with Honourable Supreme Court appointed committee on monitoring Lake rejuvenation steps headed by Justice Santhosh Hedge.

WORKSHOPS

Department of ECE organized a 5-day Workshop on VLSI and Embedded system from 28th Jan to 1st Feb 2019, External resource persons from different companies like NAL, TI, WIPRO GE, ADA, LIVEWIRE, Mento Graphics, INTEL, Dyumnin, ENTUPLE have addressed the participants

“VLSI & EMBEDDED WORKSHOP-2019”



GROUP PHOTO OF WORKSHOP PARTICIPANTS

Department of TCE organized a 3-day Workshop on Digital Image Processing using MatLab from 11th Feb to 13th Feb 2019



Department of TCE organized a Two-Day Workshop on Internet of Things (IoT) by Mr. Suprith in association with Tequed Labs, Bengaluru on 21st & 22nd Feb 2019



Department of Physics (BS) organized a Workshop on PHYSICS EXPERIMENTS FOR ENGINEERS on 22nd Feb 2019

DEPARTMENT TECHNICAL EVENTS

DEPARTMENT OF MANAGEMENT STUDIES

- The Department of Management Studies organized an awareness program on the " Courses for Career in Finance field" by Mr Karthik CS, Director- Knowise Learning Academy on 17th Dec 2018.
- Department of MBA organized a Guest Lecture on Art of Communication by Mr Kalyan Bose head- corporate communications, BEML 12th Jan 2019



- The Department of Management studies organized a seminar on " the investor's awareness " to the faculty members of CMRIT on 21st Feb 2019

- The Department of Management studies organized a seminar on NISM” FOR ALL MBA STUDENTS OF CMRIT on 26th Feb 2019

DEPARTMENT OF MASTER OF COMPUTER APPLICATION

- Department of MCA organized a Three-day Training Programmes on OOPs using Python, PYTHON & Database Integration by Moumita Roy, Assistant Professor, CMRIT from 29th Jan 2019 to 31st Jan
- Department of MCA organized a Training Programmes on programming skills training by Dr. Vakula Rani , Professor, CMRIT on 10th Jan 2019.



- Department of MCA organized a Guest Lecture on Mobile Application Design Architecture in Cloud Platform by Mr. Niranjana Balasundaram, Netgear- Bangalore on 15th Feb 2019
- Department of MCA organized a Guest Lecture on Insight on Data science by Mr. Priyadarshi, Knowlexon Innovation & Technology, Bangalore on 9th Feb 2019.



DEPARTMENT OF BASIC SCIENCE

- The Department of Basic Science organized an expert lecture on the " Piezoelectric smart materials" by Dr. P K Panda, NAL Scientist, Bangalore on 21st Dec 2018



DEPARTMENT OF CIVIL ENGINEERING

- Department of Civil Engineering had organized one week Extensive Survey at Melkote Site.



- Department of Civil had organized an expert lecture on "Sardar Sarovar (Narmada) Project" by Shri K.S.Srinivas on 19th February 2019
- Department of Civil had organized an expert lecture on "DYNAMIC ANALYSIS OF MASONRY STRUCTURES" by Dr Nanjunda



Rao K S. Chief Research Scientist; IISc, Bangalore on 25th Feb 2019

- An expert lecture was organized on " be Responsible-an e-waste initiative" by Ms. Ameya and Mr. Ankith, Project coordinator, Ensyde an NGO on 18th Feb 2019

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- Department of CSE organized a Guest Lecture on "MOOC Platforms" by Mr Mr. Dominic P.D, Training Consultant (Alumni) on 21st Feb 2019

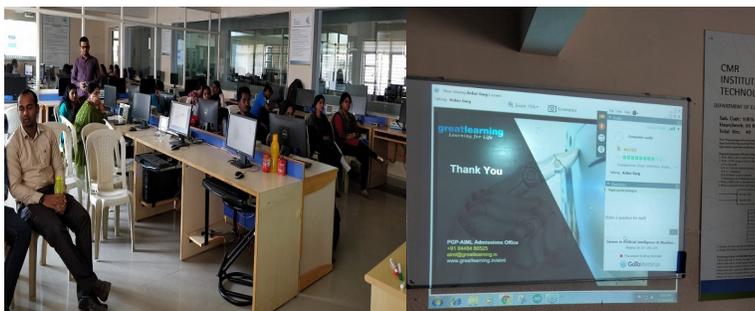


DEPARTMENT OF ELECTRICALS AND ELECTRONICS ENGINEERING

- Department of EEE in association with The Institution of Engineers (India), Students Chapter organized a Seminar on "Emotional Intelligence" by Dr. R. Venkatesh, EI-Expert Trainer, CEO, Diksha IT Edge, Coimbatore, TamilNadu. on 26th Feb 2019

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- Department of ECE had organized an Expert Lecture on Careers in Artificial Intelligence & Machine Learning by Ankur Garg B.Tech (IITD), MBA (IIM-A) Great Lakes on 30th Jan 2019
- Department of ECE had organized a Guest Lecture on “Overview on IOT” by Mr. Lokesh B Sai Ram Live wire technology, Bengaluru on 20th Feb 2019



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

- Department of ISE had organized an Expert Lecture on Basics of IoT with Industry use cases by Mr. S Balachandar, Application development Head on 9th Feb 2019



DEPARTMENT OF MECHANICAL ENGINEERING

- Organized a guest lecture on “Manufacturing Technologies in Aerospace Sector” by Dr. K. Venkateswarlu, a Principal Scientist in Materials Science Division at NAL, Bangalore on 9th Feb 2019
- Organized a guest lecture on “Application of Genetic Algorithm in Engineering Design Optimization” by Dr. Suresh M V J J, an Engineering Manager at GE India, Bangalore on 13th Feb 2019
- Department of Mechanical Engineering had organized a guest lecture on “Space Electric Propulsion” by Dr T.S. Sheshadri, Professor in the Department of Aerospace Engineering, IISc, Bangalore on 28th Feb 2019

DEPARTMENT OF TELE COMMUNICATION ENGINEERING

- Department of TCE had organized a guest lecture on Printed Circuit Board Design by Mr. Kotresh, CEO, Tequed Labs, on 11th Feb 2019
- Department of TCE had organized a guest lecture on Internet of Things by Mr. Supreeth on 14th Feb 2019.
- Department of TCE have organized a guest lecture on Opportunities in IT Industry by Mr. Arkadev and Mr. Vipin on 23rd Feb 2019



INSTITUTE LEVEL CELLS

IQAC CELL

- IQAC Cell organized a three-day “The CMRIT staff orientation program” from Jan 21st to 24th 2019. Around 175 faculty members from all the departments attended the program to learn about various initiatives of CMRIT. It was designed to orient them on various generic aspects of teaching learning, mega projects, instructional methodologies, and assessment and evaluation techniques.



EE&C CELL

- The EE&C cell organized an awareness session on ‘Opportunities through GATE’ on 22 February 2019 in the Civil AV Hall. The session was primarily held to provide more information on the GATE examination and was targeted towards the 2nd, 3rd and 4th year BE students from all departments. There were three speakers from two coaching institutes NavathaGope (VANI Institute), Maruthin Nagarjuna (Assistant Manager, VANI Institute), Dinesh Kumar (Organizer, IITians GATE Classes, Marathahalli) and the students were also addressed by faculty Dr Smarnika Panda (Associate Professor qualified in GATE) and Mr Shashank Dubey (Assistant Professor qualified in GATE).



MAKERSPACE

- Makerspace had organized an Training program for KK English School on the " 3D Printer and Laser Cutter" on 20th Dec 2018.
- A group of 60 students and faculty of CMR National Public School, Bangalore, visited our CMR Institute of Technology on 18 January 2019.
- A group of 6 student of Ekya school visited Makerspace@ CMRIT to get hands-on experience on Laser cutting machine.
- Young Undergraduate Maker Program has started from 25th Feb. in Makerspace
- Make your visiting card: Laser cut business cards can be quite impressive with even simple designs. Makerspace@cmrit uses Balsa wood for making visiting card using laser cutting Machine



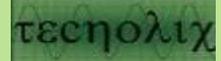
e-YANTRA/PBC CELL

- CMRIT team of e-yantra, IIT, Bombay, team ID: #694: Dr. Paras Nath Singh(Team Leader)-CSE, Prof. Sudatta Mohanty-ECE, Prof. Sumit Mohanty-EEE, Prof. Venkatesh Naik-Mech has completed online TBT(Task Based Training) successfully in record time (5 weeks) and placed in C group awardee from IIT Bombay.

Student Clubs

TECHNOLIX/ETA

DEPT OF TCE/ECE



ETA club organized an OPEN CHALLENGE ON VERILOG on 12th Feb 2019 , a seminar on “Entrepreneurship – Struggles Vs Success”, “Connections in the dark”



FEEE
DEPT OF FEE



FEEE Students Club had organized competition on Electrical & Electronics Circuits , Group Discussion Cyber crime , PCB Design and Fabrication – Hardware Training .



SCIENCE CLUB (E=MC²)

Science Club of BS organized a talk on “Emotional Management” by Mr.Kedar Rao, CMRIT Alumni on 11th Dec 2019, a seminar competition on 13th Dec 2019, a Alumni talk by Mr. Kapil Shastri, Design Engineer Shneider-electric on 27th Feb 2019





**SME/SCE
DEPT OF ME/CIVIL**



ECO club organized an activity named " Breathing through wall - a green building concept" on 28th Feb 2019, IGBC Student chapter launch was inaugurated on 20th Feb 2019 for Civil department by Dr.Hariharan Co chair IGBC, Mr.Selvarasu LEED Consultants , Siddesh and Ashok IGBC Bangalore, Society of civil engineers club organized an activity named " MAD FOR CAD" on 22nd Feb 2019



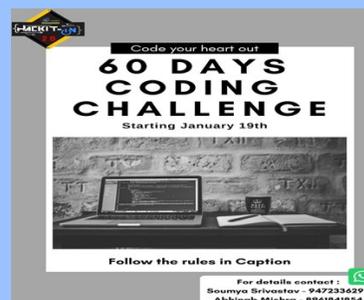
Society of Mechanical Engineers Club organized ALUMNI INTERACTION with Mr. Kapil Sastry on 14th Feb 2019 , Tech talk on OPTIMIZATION USING GENETIC ALOGORITHM, Crazy Cadd event on 22nd-Feb 2019



**RISE/ACE CLUB
DEPT OF ISE/CSE**



ACE club had organized "IOT Modeling with Tinker CAD " on 26th Feb 2019



CodeChef club of ISE organized a 60 Days Coding Challenge starting from 19th Jan 2019



MARKETING / PROTOCOL CLUB

DEPT OF MBA/MCA

Marketing Club had organized a Demo session on SPSS 25.0 , Protocol CLUB have organized Dazzle Coding Competition was Conducted in JAVA language, Logo Quiz event .



CONNECTING TO THE INDUSTRY

INDUSTRIAL VISITS

- Department of MBA had organized an industry visit to BEML, Tippasandra on 16th Jan 2019
- Department of BS organized a field trip to VINAYAKA ENERGY TECH, Bangalore on 21st Feb 2019
- Department of CIVIL Engineering organized a VISIT TO SURVEY OF INDIA on 28th Feb 2019



CONNECTING TO THE COMMUNITY

A Free Medical Camp was conducted at Marasandra Village, Bangalore on 09.02.2019, Saturday by the Department of Information Science and Engineering in association with External Examination and Competition Cell, CMR Institute of Technology – Bangalore. The camp was supported by 2 doctors and 2 staff members from Suraksha Multi Speciality Hospital, Varathur.(Connecting to Community). Around 70 people of Marasandra Village have been benefited through this free medical camp (Free General Medical Checkup, Free Blood Pressure and Diabetes Checkup).



The Innovation club of CMRIT organized a village Idea trip to People's Trust in Sadenhalli on 23rd Feb 2019. 44 students along with 3 Faculty members, Prof.Sharmila K P (ECE), Ms Vivia John(CSE), Mr Joseph Sajan (MECH),. Mr Senthil Kumar, Founder of Save Mom also accompanied during the journey to People's Trust. The interaction with the villagers proved to be a learning experience for many students and the student teams that were formed brainstormed over the prospective innovative solutions to aid the villagers in improving their current lifestyle.



TYL (TIE YOUR LACES)

TYL Training and Placement

Following TYL Trainings were held across all branches and semesters to enable the students with state of the art technology and skills:

- 5 Day - TYL workshop and certification exam was organized for all 4th SEM students from 11th Feb to 15th Feb 2019 in different areas like – R Programming, Embedded with IOT and Auto CAD.
- One day TYL Crash Course on Python was organized on 23rd Feb 2019.
- Crash Aptitude training for 3rd year MCA students, held on 2nd & 3rd Jan 2019.
- Aptitude (Quantitative & Logical reasoning) training for 2nd year MCA students, held from 7th to 12 Jan 2019.
- Programming Skills Training for non-placed BE and MCA students, held from 28th to 31st Jan 2019.
- Aptitude & Soft Skills training for 3rd year BE CSE students, held from 24th Jan to 8th Feb 2019.
- Aptitude & Soft Skills training for 3rd year BE CSE students, held from 9th Feb to 23 Feb 2019.

TYL Hackathon-1

TYL Hackathon was organized on 16th Feb 2019 in specific programming languages and tools like R Programming, Embedded with IOT and Auto CAD. External experts evaluated and Top teams were appreciated & certificated for each category. External experts from industry and Alumni are evaluated all the teams.

Winners for TYL Hackathon :

• R Programming -

First Place: Team **Asterix** (Richard Delwin Myloth, Sayan Pal, Pillai Vignesh Suresh Kumar, Neeraj Kumar, Prakhyath Jain)

Second Place - Team Haveli Boys(Zeeshan Islam, Yash Mathur, Viraj Patel, Vishal Kunder, Vedant Barbhaya)



- **Auto CAD - Civil -**

First Place - Team **The engineers** (Mahesh kumar, Girsh c, Neelkanth jitesh , Yashwantha)

- **Auto CAD - Mech -**

First Place - Team **OSnap** (Akshay Madhusudan, Abel Thomas, Ajay **Kumar**, Akshay Graj)

- **Embedded with IOT -**

First Place - Team **GLITCH** (Abhimanyu Raju, Amlan Dash, Raghavendra C, Furqaan Shariff)

Second Place - Team **INDUS INSTRUMENTS** (Dipro, Pranav, Naveen Taj, Lavanya S)



TYL Hackathon –2

- TYL Hackathon was organized on Python Programming - 24th Feb 2019. External experts evaluated and Top teams were appreciated & certificated for each category. External experts from industry and Alumni are evaluated all the teams.

Winners of TYL Hackathon on Python –

First Place - Team Asterix (Richard Delwin Myloth, Sayan Pal, Rushyant S, Sristi Sinha, Ramya T)

Second Place - Team Apex (Vignesh, Rahul, Sumedha, Abhimanyu)



Career Guidance program was held for 6th Sem ECE students on 04th Feb 2019.



Companies visited for campus placement during the quarter Dec-18 to Feb -19

opentext™

software AG

CYIENT



Unilever

vmware®



NTT DATA

DELL EMC



And many more.....

STUDENT ACHIEVEMENTS

- ◆ Vinodhini Satya of CIVIL presented a conference paper on "IMAGE BASED MEASUREMENTS TO ESTIMATE BEARING CAPACITY OF HOLLOW DRIVEN PILES UNDER IMPACT LOADING" in 2018 edition of Indian Geotechnical Conference, held at J. N. Tata Auditorium, IISc, Bengaluru.

- ◆ KRISHNA KESHAN (1CR17CS062) of CSE was selected as the Lead of the Developer Student Club community for CMRIT Campus

- ◆ ABHINAB MISHRA (1CR17CS004) of CSE was selected as Google Crowd source Community Campus representative .



- ◆ Students of the CMRIT music club took part in the event Indian Group Singing at the ST.JOSEPH'S FEST on the 13th of December 2018 and achieved the 1st Place in it. The Names of the participants are Apurva Shivakumar, Souptik Mukherjee, Neelanjali.S, Rohit Nair, Umesh Giri, Noirit Chaki, Shantanu Singh Parihar, Sharanya. H.M, Gauri Moghe, Dhatri Mudumbi.



- ◆ Shubham Singh, student of ECE department has been selected to represent VTU in All India Inter University Kick Boxing Championship to be held at Andhra University, Vishakapatnam from 8th to 11th march 2019.



- ◆ Nganba Iron of CSE department participated in 29th Senior National Fencing Championship representing Karnataka State from 29th January to 8th February 2019 which was held at Guwahati(Assam).



◆ Shravani from ECE department participated in 9th Hockey India Women senior Nationals representing the Bengaluru Hockey Association's (BHA) hockey team from 1st to 10th Feb 2019 which was held at Hisar, Haryana.

◆ Sanjana M from Mechanical department participated in All India Inter University yoga Championship representing the VTU university from 4th to 8th Feb 2019 which was held at University of Madras, Chennai, Tamil Nadu.



◆ HARI PRANAV A (ICR17IS033) of ISE won an amount of Rs.1000/- in state level Quiz conducted by Bar camp Bangalore and awarded by Coyote Consultants LLP on 26th Feb 2019

◆ VEDANT BARBHAYA (ICR17IS106), VIRAJ PATEL (ICR17IS107), VISHAL KUNDAR (ICR17IS110) won the 2nd prize in R Programming TYL Hackathon on 16th Feb 2019



◆ M JAGAPREETHAA (ICR17IS051) of ISE was Awarded the title of "Natya Kalamani" by Sri Kalyana Kamakshi Amman Temple Navarathiri Sabha on 25th Feb 2019



◆ NIDHI PODDAR (ICR15EC118) and S. GITANJALI (ICR15EC160) of ECE have Won Inter-College Level Navrachana Project Expo 2018 awarded by Livewire

FACULTY ACHIEVEMENTS

- ◆ Mr. RUCHIR A JAHAGIRDAR received a grant of 2.5K from Bhagirath Construction on Concrete Cube Test.
- ◆ Mr. RUCHIR A JAHAGIRDAR received a grant of 1K from Prime Living Project Pvt LTD on Concrete Cube Test.
- ◆ The 2018 edition of Indian Geotechnical Conference was held at J. N. Tata Auditorium, Bengaluru on 13th December, Dr..Asha.M.Nair served as part of organizing committee of IGC 2018.



- ◆ Dr.Jhansi Rani of CSE served as Journal Reviewer in IJICS.
- ◆ Dr. Paras Nath Singh served as Journal Reviewer in "Third IEEE International Conference on Electrical, Electronics, Communication, Computer Technology & Optimization Techniques".
- ◆ Dr. V.Ilango of Department of MCA, was invited to delivered a Key Note Lecture on "Human Computer Interaction and Cognitive Engineering" in the Special Session "Emerging Trends in Nanotechnology, Embedded Systems and Computing Sciences" of the ICCMSO-2019.
- ◆ Prof. GomathiT, of Department of MCA has successfully completed Internshala Woman Ambassador Program .
- ◆ Dr. Paras Nath Singh served as chairperson and Resource Person at 106th



Indian Science Congress Association, Information and Communication Science & Technology held at Lovely Professional University, Phagwara, Jalandar .

- ◆ Dr. S. Gokula Krishnan, Associate Professor, Department of Management Studies, served as a Ph.D external evaluator in Bharathiar University on Feb 22nd 2019
- ◆ Prof. SHARMILA K.P, Associate Professor, ECE Department represented India as a Classical Dancer in the International Dance Festival, Singapore on 24-2-19 and also received an award from Dr. Lim Wee Kiak, MP for Sembawang GRC (Canberra)
- ◆ Dr. Paras Nath Singh, Professor, CSE received faculty award as "Best professor of CSE (National) 11th



Innovative Education Leadership award by STARS of the industry and DNA, at aj Lan Ends Mumbai"

- ◆ Dr. Paras Nath Singh, Professor, CSE received "3rd Awardee as team" by National of TBT of e-Yantra by IIT, Bombay under MHRD Ministry for e-Yantra Lab in CMRIT.



- ◆ Prof. Karthik N M of CIVIL Received consultancy Grant Amount of Rs.12000 for Soil testing

Research Paper, Book &Articles

- ◆ Dr. R Muralishankar of ECE published research paper titled “Performance Comparison of Cepstral Features for Language Identification using Convolutional Recurrent Neural Networks” in IEEE INDICON 2018
- ◆ Rahul Tiwari of ECE published research paper titled “A Multiband Fractal Antenna for Major Wireless communication bands” in IEEE ICECCT 2019
- ◆ Prof. S GOKULA KRISHNAN of MBA published research paper titled “Gulf Cooperation Council Banking Performance Analysis – An Exploratory study in the International Journal of Research in Humanities Arts and Literature.
- ◆ Prof. M.S.Kokila of MBA published research paper titled “Challenges and Opportunities” in a National Conference in Recent Trends in Management, IT and Psychology held at Surana College.
- ◆ Prof. Priyadharshini A published research paper titled “-A Survey of Security issues in MANET” in International Journal of Multidisciplinary.
- ◆ Prof. Rajendra Prasad Reddy of ME published research paper titled “" Synthesis of Fatty Acid Methyl Esters(FAME) from Schizochytrium Marine Microalgae oil" in Science Direct/Materials Today Proceeding in Elsevier.
- ◆ Prof. Shreyas P published research paper titled ““Effect of Various Welding Parameters on the Mechanical Behavior of 316L Stainless Steel-Galvanized Steel Weld”” in 2nd International Conference on Recent Advances in Materials and Manufacturing Technologies
- ◆ Prof. Jyoti M R and Prof. Chetan H of ECE published research paper titled “Design and Performance Analysis of Differential Amplifier for Various Applications” in Journal of Computational and Theoretical Nanoscience
- ◆ Dr. R.Muralishankar of ECE published research paper titled “Capacitive analysis of a Narrowband powerline communication channel under Impulsive Noise” in COMSNETS 2019
- ◆ Prof. Amit Jain of ECE published research paper titled “Design and simulation of nanoelectronic data

transfer system with an emphasis on reliability and stability analysis” in SPRINGER

- ◆ Prof. Vinay B K of ECE published research paper titled “EVOLUTIONARY TESTING TECHNIQUES FOR SEQUENTIAL CIRCUITS” in ICEECCOT-2018
- ◆ Prof. Sudhakar KN of ISE published a research paper titled “PEAR—Protocol for Energy Aware Routing with Security in Wireless Sensor Networks” in Scopus - Journal of Computational and Theoretical Nano science
- ◆ Prof. Sateesh of ISE published research paper titled “Teacher Less Teaching - An Adaptive Technology Platform” in Future of Learning Conference 2019, Learning 4.0 organized by IITB & IIMB
- ◆ Prof. Sateesh published research paper titled “ISchool - Open Innovative School In a Society” in Future of Learning Conference 2019, Learning 4.0 organized by IITB & IIMB
- ◆ Prof. Geetha S published research paper titled “Enhanced Energy in Sensors by Avoiding Voids and Saving Sensitive Data on Cloud Using B+ Tree Index with Retrieval of Query Predicates” in Springer
- ◆ Prof. CHINNAIYAN published research paper titled “Reliable AI Based Small Sensors for Managing Irrigation Resources in Agriculture – a review” in Springer -Lecture Notes on Data Engineering and Communications Technologies, vol 15. Springer, Singapore
- ◆ Prof. CHINNAIYAN of ISE published research paper titled “Centralized Reliability and Security Management of Data in Internet of Things (IoT) with Rule Builder” in Lecture Notes on Data Engineering and Communications Technologies, vol 15. Springer, Singapore
- ◆ Prof. CHINNAIYAN of ISE published research paper titled “Reliable Digital Twin for Connected Footballer” in Springer - Lecture Notes on Data Engineering and Communications Technologies, vol 15. Springer, Singapore
- ◆ Prof. Kokila M S of MBA published research paper titled “New Frontiers in India – Emergence of Crypto currency with special reference to Bitcoin” in Universal Review, UGC Approved Journal
- ◆ Dr. Paras Nath Singh of CSE published research paper titled “Searching faster in Big Data-Applied Machine Learning” in Indian Science Congress Association
- ◆ Prof.Helen Josephine from MCA published research paper titled “NOVEL PRE-PROCESSING FRAMEWORK TO IMPROVE CLASSIFICATION ACCURACY IN OPINION MINING” in International Journal of Computing
- ◆ Dr. Muralishankar R from ECE published research paper titled “An Objective measure to assess Musical Noise using Connected Time-Frequency Regions” in NCC-2019
- ◆ Dr. Muralishankar R and Prof. Sutapa Sarkar from ECE published research paper titled “Performance

Analysis for spectrum sensing of Energy Detector with Optimal Threshold under Noise Variance Uncertainty” in WiSPNET

- ◆ Dr. Muralishankar R from ECE published research paper titled “Performance Characterization of Broadband Powerline Communication for Internet-of-Things” in WiSPNET2019
- ◆ Dr. Muralishankar R from ECE published research paper titled “Entropy-based Spectrum Sensing Under Symmetric Alpha Stable Impulsive Noise” in WiSPNET2019
- ◆ Dr. Muralishankar R from ECE published research paper titled “Recovering Bits from Thin Air: Demodulation of Bandpass Sampled Noisy Signals for Space IoT” in conference -IPSN 2019
- ◆ Prof. Chetan Gowda from ECE published research paper titled “Detection Of Harmful Bacteria In Water Using Phc Sensors And Analysis Of The Quality Factor” Conference-ICCET 2019
- ◆ Dr. Binish Fatimah from ECE published research paper titled “Multiscale Modeling using Signal Adapted Filter Bank” Conference-ICCET 2019
- ◆ Dr. Bijayani Panda, Chandan K R and Harisha P from Mechanical published research paper titled “Development of Novel Stir Cast Aluminium Composite with modified Coconut Shell Ash Filler” at ICMMM 2019 conference
- ◆ Dr. Bijayani Panda from Mechanical published research paper titled ““Eect of Multiple Shot Peening on the Fatigue Behaviour of UNS S32760 and Ti6Al-4V weld in Seawater” presented before the NRB panel
- ◆ Dr. Bijayani Panda, SHREYAS. P from Mechanical published research paper titled “Eect of Various Welding Parameters on the Mechanical Behaviour of 316L Stainless Steel-Galvanized Steel Weld” at ICRAMMT-2018
- ◆ Dr. Tukaram Shet, from Physics department published research paper entitled "Enhanced piezoelectric properties of (NaBi) substituted Sr2Bi4Ti5O18 ceramics " in the International Journal " Journal of American Ceramic Society"
- ◆ Dr. A. Suvitha from Physics published research paper titled "Spectral Investigations by DFT method”, in International Symposium on MCGPD 2019, Chennai
- ◆ Dr. A. Suvitha from Physics published research paper titled “X-ray and NMR spectral investigation”, in International Symposium on MCGPD 2019, Chennai. Her Presentation got selected as BEST POSTER AWARD

Ph D Award

- ◆ Dr. Vakula Rani J was awarded PhD for the thesis “ **Design, Analysis and Bit level Implementation of effective and Efficient Multipliers : An Innovative Vedic approach** “

PATENTS FILED

Prof. Chinnaiyan of ISE has filed for patents on " System and Method for Real Time Disease Monitoring of Poultry Farming Using Internet of Things and Imagery Analytics" and " System and "Method for Reliable Data Aggregation By Wireless Sensor Nodes in Maize Field" with the Submission Numbers 201841046061 and 201841046063 respectively.

SERVICE AWARDS**Award for 15 years of service**

NAME	DEPARTMENT
Dr. M Manjunath	Chemistry
Sharmila K P	ECE

Award for 10 years of service

NAME	DEPARTMENT
Vinutha S	Accounts
Swathi Y	ISE
S K Krishnappa	MECH-NT
Anju Das	EEE

Award for 5 years of service

NAME	DEPARTMENT	NAME	DEPARTMENT
Latha Mageshwari	Admin	Dr. Rajesh Gopal	Physics
A V Ramesh	Gardner	Dr. Chaitanya Lekshmi Indira	Chemistry
David Kumar	Placement	Neralla Vijay	Chemistry-NT
Dr. Shyamsunder Hegde	Physics	Smruti Rekha S	Mech
Prahant Hatti	Mech	Harsha B K	Mech
Sita Rami Reddy	ECE-NT	M Charles Paul	EEE-NT
Puttaswamy N	EEE-NT	K Raj Kumar	EEE-NT
Preeti Jacob	CV	Vibha N Dalawai	CV
Dr Asha M Nair	CV	Dr Deepa Anand	IS
Santosh Kumar	LIB	Viresh M Katti	LIB
Yasodhamma	HSK	Annapoorna	HSK
Anusuya	HSK	Yellamma Y	HSK
Nagaratna C	HSK	Bagyamma	HSK
Shantamma K	HSK	D Lakshmama	HSK
Narayanamma G	HSK	Asokan K	Security
Suresh Bahadur	Security	Ganesh Bahadur	Security

FUTURE ACTIVITIES

Activities planned between March to May 2019

S.No	Date	Activity	Department / Cell
1	8th March 2019	Guest Lecture on Ramsey Theory by Prof. Pradeesha, IIITB	Mathematics
2	12th March 2019	Inauguration of e-Yantra by IIT Bombay	PBC Cell
3	13th March 2019	Workshop on Machine Learning	ISE
4	14th March 2019	State of art technologies for Surveying	CIVIL
5	16th March 2019	Awareness Session on Opportunities Through GATE	EE&C Cell
6	20th March 2019	Paper Presentation Competition on Recent Technologies in Electrical Engineering	EEE
7	22nd March 2019	Cultura-19	
8	22nd March 2019	Expedite 9.0 : Management Fest	MBA
9	23rd March 2019	Alumni Meet	SC&A Cell
10	27th March 2019	Guest Lecture on Visual Basic/.Net Framework by Prakash B G, Senior Software Engineer, Accenture	CSE
11	8th April 2019	Hands on Workshop on Industry 4.0 -Technologies and Challenges by Mr. Senthil Subramaniam, Senior Manager Bosch India	Mechanical
12	10th April 2019	Guest Lecture on Chalcogenide Glasses by Dr. K. Ramesh	Physics
13	22nd April 2019	Workshop on Machine Learning	TCE
14	24th April 2019	Extempore	Chemistry
15	24th April 2019	Digilogica : A Digital Logic Problem Solving Competition	ECE
16	2nd May 2019	Mini Project Display by IV and VI Sem B.E. TCE, EEE, CIV, MECH Students	
17	3rd May 2019	Mini Project Display by IV and VI Sem B.E. CSE, ISE, ECE and IV Sem MCA Students	
18	3rd May 2019	Two-Days Social Hackathon	
19	4th May 2019	Mini Project Display by B.E., MBA, MCA, M.Tech II Sem Students	
20	4th May 2019	Parents-Principal Meet	
21	17th May 2019	Programming Quiz contest - CSI	PBC Cell
22	18th May 2019	Guest Lecture on Windows Presentation Foundation by Mr. Alkesh Mungra, Software Engineer, CME Group	MCA

STUDENT COUNCIL



Sophia
Literary Secretary



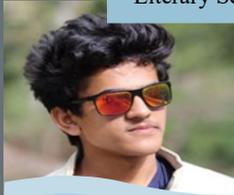
Pradhan Vignesh Gowda J
President



Pranamy
Secretary



Chandrama
Technical Secretary



Sanjay B Kashyap
Literary Secretary



Shwetha Sathish
Literary Secretary



Lekhana
Technical Secretary



Abhishek
Technical Secretary



Mageshwari.K
Placements



Kushal M
Cultural Secretary



Mahesh J
Cultural Secretary



Nikhil B K
Hostel Secretary



Vaisakh M
Placements



Suraj Reddy
Placements



Shrikesh
Cultural



Monogna
Hostel Secretary



Vinutha S Hanchate
Hostel Secretary



Shravani B
Sports Secretary



Sai Sunil
Sports Secretary



Sakshi Jaiswal
Public Relations



Vishal R
Hostel Secretary



ALUMNI ASSOCIATION



Alumni Interaction

Alumni interacted with all fellow students and student council members to discuss about the challenges and expectations of industry. Mr. Utsav, Ms. Aishwarya Murali, Mr. Kapil Sastry, Mr. Vishal Kumar Singh, Ms. Sri Harshitha, Mr. Abraar Syed, Mr. Umanga and Ms. Anusha Prabhu served as alumni evaluator's in judging the teams for Hackathons.



VISION

“To be a nationally acclaimed and globally recognized institute of engineering, technology and management, producing competent professionals with appropriate attributes to serve the cause of the nation and of society at large”

MISSION

CMRIT seeks to realize its Vision with a Mission to:

- *Create the necessary infrastructure appropriate to the needs of the programmes and activities of the institution.*
- *Attract and retain well-qualified faculty and supporting staff.*
- *Create and facilitate an ambience for interdisciplinary engagement, leading to a healthy competition among students and staff, in pursuit of excellence through lifelong learning.*
- *Develop and operate mutually-beneficial programmes, partnering with industries, institutes and individuals of national and international repute.*
- *Create mechanisms to understand societal needs and provide solutions for the betterment of society.*

From the Editor's desk

Dear Readers,

A milestone has just passed by and we are here yet again with another issue of CMRIT CONNECT, Vol-02, Issue-03, the newsletter of CMR Institute of Technology, Bangalore.

It has been an exciting term to see both the student community and the teaching fraternity excelling every day in research/academics and other extracurricular activities. Several achievements have been amassed in and through CMRIT in the last few months which we proudly unveil in this issue. It is great to see each member of CMRIT family with diverse thoughts yet pressing towards the common goal to achieve and excel within and beyond academics. It's our real pleasure to present to you this edition of CMRIT CONNECT.

We extend our heartfelt gratitude to all those who have extended their helping hands for making this Issue materialized.

Editorial Team

Testimonial's -Alumni's and Parents



years of encouragement, support, and their unwavering belief in their students' abilities”

“CMRIT is an institution which educates through challenge. It takes students out of their comfort zone, driving them to question the status quo, and see things critically. Education at this institution builds character by pushing students to raise the bar and exceed their own expectations. It is centered around the philosophy of learning through practice, and this extends well beyond the confines of the classroom. For these reasons, I always thought CMRIT to be an institution where one could become one what one wanted to become. But in the years that have passed, I've come to appreciate that this is also an institution where one realizes what one wants to become, and gains the confidence to chart one's own course. Herein lies the difference between an institution that teaches, and one that educates. CMRIT has had an important role in my own development as an engineer and as a scientist, and I remain indebted to the wonderful faculty at this institution for the

Dr. Sumeet Kumar (2004- 2008)

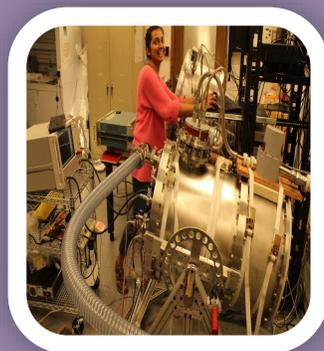
**CEO, Innatera Nanosystems BV, Delft, The Netherlands
Project Manager, Delft University of Technology, The Netherlands**

“CMRIT transformed this poor student with a not-so- great CET rank into a college rank holder. I did work hard but an equal part – if not more – was played by my teachers whose efforts, patience and guidance gave me the precious gift of actually learning how to think. Any school can teach a student a formula. Very few can truly explain to that student how he/she can apply that formula to a real-world problem – that is the essence of Engineering.”

**Mr. Karan Jumani, (2000 - 2004)
R & D Engineering Manager, Knowles Corp, USA.**



“My four years at CMR Institute of Technology were memorable for igniting my interest in electronics and for forming some wonderful friendships that I still count on today. Beyond the prescribed curriculum, there was additional impetus from the faculty to have exposure to industry and academia. These came in the form of talks and interactive sessions with industry professionals, alumni, and encouragement to attend conferences. A strong placement cell bringing several top employers for on campus recruitment and alumni & faculty providing information, necessary references to pursue higher education in the country and abroad, opened many opportunities for me and my peers for life after graduation. I look back fondly, eight years after leaving the halls of CMRIT”



**Ms. Mayuri S (2006-2010)
Scientist (Raman Research Institute) & Postdoctoral Scholar (Lawrence Berkeley National Lab)**

“When I reflect on my four years in the CMRIT undergraduate program, I conclude that the experience not only made me a better engineer but also prepared me in unpredictable ways for my career. Through classes with incredibly supportive classmates and professors who were nothing short of champions, I was challenged to discover talents I didn’t know I had. The faculty allowed me to express myself freely both on a personal and intellectual level—they truly supported me with any interest I had or any situation I was facing. The faculty and administrative members of CMRIT were always supportive, kind and, more importantly, treat students as colleagues. Every single student’s intellectual potential can be fully explored owing to the rigorous training and constant mentorship one gets from CMRIT. It was a wonderful time in my life, and the best educational experience I’ve had.

A lot of people think back to undergrad school and shudder.; In my case, I think back to four years of uninterrupted good time.”



VINU J (2007 – 2011)

**Research Intern NVIDIA Research Labs, California &
Ph.D. Candidate, School of Computing, University of Utah**

“Hello! My name is Krishna Kumar. My son J Gautham Krishna Kumar is currently in his IV semester Engineering at CMRIT. The institution has Makerspace infrastructure to encourage students to explore new product development, the faculty encourage the students to undertake small projects to help them develop their skills to translate learning into solving real world problems. By assigning a mentor for each student, they make sure the student is on top of his academic performance. Our son has participated in the Tennis tournament conducted by Visweswaraya Technological University. They conduct periodic workshops and encourage students to take part in the same. Besides that ,the faculty members encourage him to take MOOC courses. They have a dedicated placement officer who has had industry experience. We feel this will enable graduating students to get suitable placements. Overall they have set the platform for the student(s) to excel in all the areas to come out as a well rounded individual.”



**Mr. K Krishna Kumar,
Business Developer, Health Cubed India Pvt. Ltd., Bangalore**

“As a parent of an Engineering aspirant, my experience with CMRIT has been excellent so far. The facilities provided for students are state of the art, and if compared, better than most of the other institutes in Bangalore. The sprawling campus and the energetic atmosphere that greets one, is simply exemplary. As a parent, my daughter’s safety has been my biggest concern and the university has never disappointed me on that front. Plus, based on the reviews I’ve received from my daughter, I can say that the faculty are very helpful and have expertise in their respective domains. I had a pleasant experience with the administration and did not face any difficulty in the admission procedures. In a nutshell, it has been a sheer pleasure to have my daughter being a part of CMRIT



**Mr. Jayant Kumar
Head – Projects, Ashirvad Pipes Pvt. Ltd.**

Gallery



