CMRIT CONNECT

CMRIT
CMR INSTITUTE OF TECHNOLOGY, BENGALURU.
ACCREDITED WITH A+ GRADE BY NAAC

CMR INSTITUTE OF TECHNOLOGY

Inside this issue

VISION

"To be a nationally acclaimed and globally recognised 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 realise 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.*

The CMR Group

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

MESSAGE FROM THE PRINCIPAL & VICE-PRINCIPAL

Dear Reader,

The even semester at CMRIT was full of excitement as all the students and faculty got involved in the student-centric initiatives. The winning of Smart India Hackathon , co-winner of SRISHTI-2018 and several awards in sports, social, and cultural events were some of the key highlights of the semester.

We congratulate our students who stood among the Top 5% based on their performance at NPTEL MOOC courses across the country. The students from all streams worked in small groups and demonstrated their mini projects with interesting ideas and proof of concepts.

The session delivered by our students at Stanford University Innovation Fellows program on Design Thinking to students and faculty from institutions across the world has been a proud moment for CMRITians. The student club activities also bloomed across the departments. The TEDx event was professionally organized. Inter-collegiate hackathon was successfully conducted for student teams from various institutes.

Dr. Sanjay Jain
Principal

Our 2nd year students went through a course on Python and database. The PREPARE program for our 3rd years students empowered them with aptitude and technical skills. Many of our final year students got placed in reputed companies with higher salary packages. Mentoring, professional counselling, and intensive coaching helped our students to excel in academics. We also saw a good number of research papers, innovation, grants from various agencies, and consultancy activities carried out by faculty members. The nine centres of excellence gave demonstrations of activities carried out in their area of expertise. Our innovation and entrepreneurship cell obtained grants from several agencies to carry out its activities on technological solutions for social problems.

I want to take this opportunity to convey my best wishes to all my students, as well as thank my staff members for all their efforts. Inputs and support from parents, alumni, industry contacts, and other stake-holders continue to help CMRIT in pursuing its vision. My sincere thanks to the editorial team for bringing out this wonderful edition of CMRIT newsletter!

Dr. Sanjay Jain
Principal

Dear Reader,

I take this opportunity to congratulate all the achievers in various activities and toppers in MOOC certification courses.

I am delighted to see the achievements made by our students and staff in this term. This news letter will inspire our students and staff to participate, organize and excel both in curricular, co curricular, extracurricular activities in future.

I congratulate the editorial team for their efforts to bring out this nostalgic news letter with lot of information.

My best wishes to all my dear students to achieve stupendous success in current semester examinations.

Dr. B Narasimha Murthy
Vice-Principal

Dr. B Narasimha Murthy
Vice-Principal

DEPARTMENT TECHNICAL EVENTS

Technical events held during quarter March 2018 to May-2018.;

Dept. of Basic Science and Mathematics: Guest lecture on "**Qualitative Learning** "by **Mr.Kukkuteswara Rao**,Consultant, Capgemini, Bangalore.

- Guest lecture on "**Water Pollution and Control**" by **D.R. Kumaraswamy**, Chief Environmental Officer, Karnataka Pollution Control Board, Bengaluru

- Expert talk on **"Ferroelectric Materials for Photovoltaic Devices"** by **Dr. Shyamashis Das**, Research Associate (PDF), Solid State & Structural Chemistry Unit, Indian Institute of Science, Bengaluru.

- Techical seminar on **"Morphological, Mechanical and Barrier properties of polymer composites and nanocomposites" by Dr. Hanna J. Maria**, Research Associate (PDF), International and Inter University Centre for Nanoscience and Nanotechnology, Kerala.

- Guest talk on "**Innovations in Engineering and challenges as Entrepreneur**" by **Mr Rajat**, Director EKOAMIKA

Dept. of CIVIL Engineering: Guest talk on **"Stabilized mud construction for load bearing masonry"** by **Dr.Yogananda** and **Mr Pramod**, Founder MRIN-MAYEE, Consultants on Mud Blocks and Building Alternatives.

- Guest talk on **"Career opportunities and Technological advances in Renewable Energy"** by **Mr Renjith**, GeneraL Manager, Wind Energy Division (GE).

- Technical talk on **"Modern trends in structural engineering design"** by **Radhesh Prabhakar,** Director ,Operations,Bharath Engineering Innovation Design & Consultancy Pvt. Ltd.

- Workshop on **"Design, drawing & Detailing of Framed Building and cross verify the values by ETabs/STAAD PRO"** by Guruprasad H C, & Navanath M.P.

- Seminar on **Career in Structural Engineering** by **Mr. Keerthi**, **Mr. V P Naik, Mr. Pathalingappa**,Director, CEO, Structural Engineer,G2G Engineering Services.

- Expert talk on "**Use of Latest Technologies in Planning of Highway/ Expressway Alignments"** by **Ms. Sarala M S**, General Manager Secon Pvt Ltd.
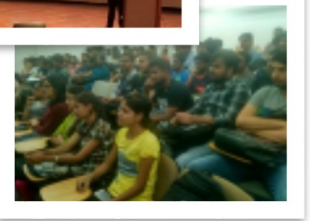
Dept. of CSE:

- Guest Talk on **"Cyber security"** by **Prashast Baliga**, RSA security, Bengaluru.

- Talk about **Higher education** by Team from Global research, Bengaluru and by Delegates from ETS.

- Guest Lecture on **"Deep dive on Bigdata & AI"** by **Shreeja achutan**, Head- Big data analytics, Cognizant, Bangalore

- Guest lecture on **"Machine Learning and Microsoft Cognitive Services"** by **Amit Khandelwal** and **Pooja Kamath**, Senior PFE and PFE, Microsoft, Bangalore

- Guest lecture on **"Scrum@Corporate"** by **Shruti Agarwal**, Application Developer, SAP,Bengaluru .

Dept of ISE:

- Expert talk on "**SAP automation Tools"**, by **Mr. Prabhakar Gudi, Mr.Gopal Gudi** , SAP , AMAZON .

    - Seminar on **Higher studies** by **Mr. Imran**, Planet education.
    - IoT Sessions on **Introduction to Freedom Hardware** .
    - Seminar on **SAS programming** by team from **Cyntel**, Bangalore

Dept. of ME:

- Guest Lecture on **"Power generation"** by **Dr, Suresh M V** Manager,J J Engineering.

- Expert talk on **Robotics** as a career by **Shreyas Vernakar**, CEO & Co founder, Rove labs Pvt. Ltd.

- Technical talk on **"principles and practices of standardization BIS"**, **Dr.Beauty K Jha,**Scientist,BIS, Bangalore and Technical talk by **Mr. Shivashankar** of Prolific Systems and Technologies Pvt. Ltd. on Industrial Automation, PLC and SCADA.

    - **"Ideology to Design thinking"** -Hands on by **Mr. Asher John Sathya**, University Innovation Fellow, D.School at Stanford University.

Dept of ECE:

- Guest Lecture on "**Automotive Electronics"** by **Mr. Naveen Babu**, Professor, SRM University.

- Guest lecture on "**Artificial Intelligence"** by **Trupti Ranjan Swain**, CEO, Octal Frames, Bengaluru

- Expert Talk on "**SOC OVERVIEW"** by **Mrs. Soumya Hegde**, Senior SOC designer, INTEL, Bengaluru.

- Seminar on **"Building gaps between academics & Industries"** by **Mr. Shivakumar & Mr. Sandeep P**, Project Manager & Technical Expert, Bosch Limited, Bengaluru.

- Expert Talk on "**Data - The New Gold** by **Mr.Ravishankar"**, Consultant in Financial Modelling, Investment analysis of M & A.

- **Design and fabrication of PCB** by **Deepak,** CEO, Magneton .

- Hardware IOT Workshop on **Sensors interfacing with NOdemcu** Dev Board Kit by **Niranjan, Sohom B**, RTL Designer in association with FSMK .

- Guest Lecture on **Augumented Reality** by **Kunal Singh**, Android Developer, FlippAR.

Dept of EEE:

- Workshop by **Mr. Vinay Sai**, Application Engineer, AGIIT

- Technical talk on **overview of Embedded systems** by **Mr Kishore**, Senior software engineer, Robert Bosh,Bangalore

- Career Guidance seminar by **Mr. Shijo**, Technology Solutionist, Microsoft.

Dept of TCE:

- Technical Talk on **"Embedded System Design"** Using FPGA, by **Arup Tripathy**, Sandeepani School of Embedded System,

- Seminar on "**Higher Education Opportunities Abroad"** by **Sashirekha,** Operations and Marketing Manager, Planet Education, Udupi-Manipal Highway,Laxmindra Nagar,

- Expert talk on "**Machine Learning"** by **Mr. Chandrakant Pattekar**, Cloud Practice Lead, Ericson India, Bengaluru Division,

Dept of MBA:

- Expert Talk on **"Balanced Scorecard"** by **Mr. Abdul Mateen**, Asst. Professor, CMRIT, Dept. of Management Studies.

- Guest Lecture on **"Writing Skills"** by **Mr. Ziya Qureshi** Founder- Speak Out, Speak Out, Bangalore

- Expert Session on **"B-Plan Writing"** by **Mr.Rakesh Godwani**-IIM-B Faculty, **Ambarish kenghe**- Director-Myntra, **Shaleel Nalakesh**- Executive coach-IPL.

Dept of MCA:

- Guest Lecture on "**Current Trends in IT"** by **Ms. Shiva Mangala**, IBM .

- Industry - Academia - Coffee meet with **Ms. Shiva Mangala**, IBM, Mr. **P. Srinivasalu,** Technical Analyst, Infosys , **Mr. Subhasish Bhattacharya**, Sr. Software Engineer,Gizbel Technologies Pvt. Ltd

- Guest Lecture on "**Development of Web Applications"** using Java by **Mr. P. Srinivasalu**, Technical Analyst, Infosys.

- Workshop on **"Hadoop Single Node Cluster"** by **Mr.Shyam Sundar,** research scholar, NAL, Bangalore.

TEDx CMRIT

TEDxCMRIT was born to bring together incredible people with varying interests, passions and talents, encouraging them to teach each other what they know best. It is more than just an event. It's in our nature to always search for answers to questions that baffle us.

In 2018, we chose the multi-dimensional word **"PERIOD;"** to be our theme. The audience included students, urban planners, policy makers, and those otherwise interested in bringing about changes for a better tomorrow. Talks by seven speakers which included two performers as well. The event covered various talks ranging from suicide prevention by Nelson **Vinod Moses**, importance of transgender rights protection by a renowned lawyer - **Jayna Kothari** and Sustainable menstruation options by **Smita Kulkarni** to **Sourav Karmakar's** unique take on Space and **Mike Murali's** amazing interpretation of fun and it's importance . The two performances included **Mariyam Saigal** , a slam poet and **No Treble**, an acapella group.

<CMRITHACKS/>

CMRITHACKS an inter college 24 hrs hackathon event was organized by CODECHEF club which involved extreme programming to solve the problems of Tourism domain.12 teams across the state registered for the event and event started at 4:30PM on 05/05/2018 and went on till 4:30 PM on 06/05/2018. RED BULL was beverage partner for the event. Team from MSR Applied science, Bangalore bagged the first prize and team from CMRIT, Bangalore were the runners-up. Team of student organizers and volunteers were guided by Prof. Manoj Challa, Prof. Prasad B S and Prof. Akhillaa .

STUDENT CLUB ACTIVITIES

CODECHEF: Activities included programming contest-"CMRITCODES", Beginners coding session and Inter college 24hrs Hackathon event "<CMRITHACKS/>".

FSMK-GLUG: Activities included panel discussion on Open Software, 'Talkout Loud' – Open debate on "Internet should be open or not?".

GOOGLE DSC: Activities included community session workshop and workshop on web development using HTML5 and CSS3.

CSI: Computer Society of India student club conducted workshop on Hana Cloud Platform by Mr. Mohammed Oubaidullah, Developer, SAP Labs, Workshop on Ruby on Rails by Mr.Arun, Sr. Software Engineer, Verse Innovation Pvt. Ltd.

MOZILLA: Technical talk on open source coding by Anirudh Nair,Panchal Viral Ashok,Piyush Raj,Gomathi students of CMRIT.

ROTARACT: ROTRACT club in association with MBA department visited NGO and Orphanage and provided community service.

DEPARTMENTAL TECHNICAL CLUB ACTIVITIES

Student technical clubs across all departments conducted a total of 102 different activities between Mar – May 18 which included workshops, competitions , tech talks etc.

RISE/ACE CLUB

DEPT OF ISE/CSE

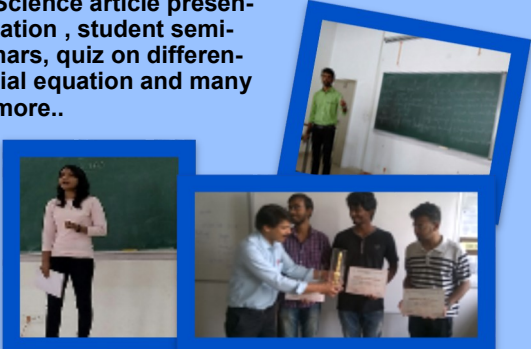Workshop on web development, photoshop, PHP, MySQL, technical quiz and many more..

SCIENCE CLUB (E=MC²)

BASIC SCIENCE DEPARTMENTS

Science article presentation , student seminars, quiz on differential equation and many more..

TECHNOLIX/ ETA

DEPT OF TCE/ECE

Tech hunt, Tech quiz, Counter Strike competition, workshop on MATLAB, augmented reality, Android development and many more...

ECOBIZZ/PROTOCOL CLUB

DEPT OF MBA/MCA

Management quiz, story board– branding strategy, Book review, mock GD and Personal interviews, Technical quiz, Technical report writing and many more..

SME/SCE

DEPT OF ME/CIVIL

Eureka-tech quiz, Case study on Urban Transport planning, Sesssion on GD interviews Mr. Divyesh Misthry, Mr. Maharudresh, session on opportunities for Mechanical engineers and many more...

FEEE

DEPT OF EEE

Group discussion, workshop on app development, Extempore- session on technical basics and many more...

KEY INITIATIVES

Mini Projects Exhibition and Parents meet

The mini project exhibition and parents meet was conducted on 5th May, where parents and other stake holders were invited to witness the student's creativity. Exceptional mini projects were identified and rewarded. Few of the selected projects were also promoted for inter college competition. A total of 2207 mini projects were built by students of all semesters and across all branches.

CHAMPIONS AT SRISHTI-2018

CMRIT emerged as the Champion team at SRISHTI-2018, an annual technical event organized by ABVP which encourages students to come up with interesting and new projects. CMRIT won 5 First prizes, 2 Second prize , 1 Third Prize and 4 consolation prizes in the overall event under different categories.

MOOC Courses

A whopping 1680 students completed their MOOC courses via different online sources such as NPTEL, CourseEra, Udemy, Edx. As a part of continuous learning and quality enhancement 119 faculties have also completed the MOOC courses on latest technology. Many of the faculty and students have also secured top places in these courses at all India level.

Programming Skills - Python & DBMS

As another key initiative to enable the students with necessary skill set institute has successfully completed Python/DB course for all 2nd year students. It involved Total 7 sessions (3 hrs/session). Course content was framed by Infosys and it was offered free of cost to all the participants. Around 300 students were benefited with this course.

Centre of Excellence (CoE)

CoE-Machine Intelligence and Big Data: The CoE has initiated research on aspects based sentiment analysis. Besides these projects, the CoE also involved in activities which include setting up multi-node Hadoop clusters, and development of two applications for BMTC bus tracking, and time table generation.

CoE-Data driven IOT: As a step towards becoming a top-notch research centre, the Data-Driven IoT lab has showcased working prototypes of IoT applications relevant to the present needs of the Indian society. A host of exciting research work is being carried out by the team to automate the IoT end-to-end framework.

CoE-Natural Resources Management: CoE- Natural Resources Management consolidates research initiatives in three broad areas viz., water conservation, energy savings and waste management for sustainable infrastructure development. In the efforts to raise funds for research, 3 research proposals have been submitted to DST.

CoE-Additive Manufacturing: Student batches from the current 4th and 6th semester were engaged in the realization of many of the CoE activities and objectives. The engagements were in the form of mini-projects and final year project. All the three batches won prizes in their respective project categories. The primary intent was to encourage student participation so as to ensure a steady stream of interested students involved in the innovation and product development endeavors of CoE.

CoE-Metallurgical Engineering: Initiated procurement of optical microscope with image analyzer from Carl Zeiss. CoE lab set-up is under way with the installation of equipment's.

Innovation and Entrepreneurship Cell: It has received 4 funded research grants and enabled another four grants for our sister schools. The activities ranged from design thinking training for students, participation in competitions, application of scholarships/awards, development of applications for competitive exam & job training, training for faculty in "project management", filing patent, creating ecosystem of patent aware intellectuals in college, representing CMRIT to Karnataka government's startup cell, industrial interaction, tying up with alumni, initiating systems in place for geographical indication (GI) filing for societal benefit, submission of grant proposals for research innovation as well as for I&E cell establishment etc.

CoE-Material Science : CoE Materials Science members submitted five proposals to different funding agencies during the last quarter including DST special calls and UGC-DAE-CSR.

CoE-Signal Processing: Faculty members and students involved in the COE Signal processing worked on key areas to enhance their knowledge in the field, get a hands-on experience of the latest technologies used in signal processing and also to build teams which can carry out research together.

CoE-Integrated Circuits :Centre of Excellence-Integrated Circuits aims to be a world-class IC design center, designing integrated circuits and systems for applications in medical technology, clean technology and consumer electronics. The center's research activities can be broadly divided into the following major areas, namely analog, mixed signal, energy harvesting, low-power RF and mm-wave ICs.

CoE-Sensors and Nano Electronics : Sensors & Nano Electronics COE submitted one proposal for funding during the last quarter and one paper got published. Centre initiated research in development of lab on chip technology for analytical tools and prototype for DO sensor and pond analytics.

CONNECTING WITH COMMUNITY AND INDUSTRY

Industrial visit were arranged by various departments to ensure students are aware of the state-of-the-art in technology.

- Visit to **VST Trillers & Tractors**, Bangalore by Dept of MBA.

- Visit to **ISRO satellite centre** by IV semester students of ISE/CSE, visit to **HAL**, Bangalore by VI sem students of ISE/CSE.

- Visit **Hoodi receiving station, varahi Hydro power plant** by students of EEE,

- Visit to **Sumadhura Soham and water treatment plant** at Thorekadanahalli by students of CIVIL department.

INFOSYS CAMPUS CONNECT

Successfully completed roll out of 5 batches from CSE,ECE,TCE,ISE,CIVIL departments. More than 350 third year students have registered for FP5.0 test on Python, DBMS,OOPS and completed exam on 25th April 2018.They will be receiving certificates from Infosys.

- Students of Mechanical engineering visited **TVS** manufacturing unit.

As part of CSR The students of Rotaract Club, Department of Management Studies visited an orphanage under **Sri Sai Krupa Charitable Trust, Chikkabasavanapura** with the aim of spreading happiness and warmth among children and as an initiative to motivate and highlight the importance of education. The students conducted Literary acts towards enhancing the academic and co-curricular activities.

ALUMNI

Alumni association was formed followed by the alumni meet in the previous quarter. An active participation of Alumni Association is anticipated in the areas of Technical Assistance, Placement support, Student Training in current technologies and Mentoring of projects.

COUNSELLOR SERVICE

National Certified counselor **Dr.George William** is providing counselling service to the needy students and faculty members. 82 students visited counsellor and 75% students felt they were benefitted by the counselling service. 5-8 students are visiting the counsellor every week.

FACULTY ACHIEVEMENTS

NATIONAL TOPPERS IN NPTEL CERTIFICATION EXAMS

PREM KUMAR RAMESH 90%
CMR INSTITUTE OF TECHNOLOGY

Dr. Prem Kumar Ramesh, HOD, Dept of ISE received **Top 1%** Elite certification from NPTEL for the course **Patent Law for Engineers and Scientists".**

Prof. Surya Varchasvi has received **Top 2%** NPTEL Certification for the Course "**Analog Circuits**".

DR. SHYAMSUNDER HEGDE 67%
CMR INSTITUTE PF TECHNOLOGY

SURYA VARCHASVI D 93%
C.M.R. INSTITUTE OF TECHNOLOGY

Dr. Shyamsunder has received Top 2% NPTEL Certification for the course "**Semiconductor Optoelectronics**".

Prof. Sumit Mohanty has received Top 2% NPTEL Certification for the course **"Patent Law for Engineers and Scientists".**
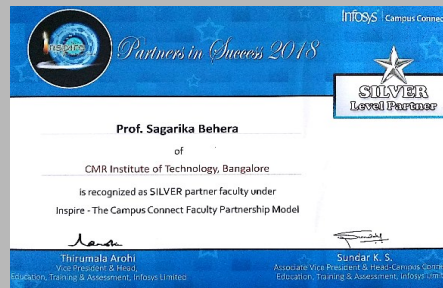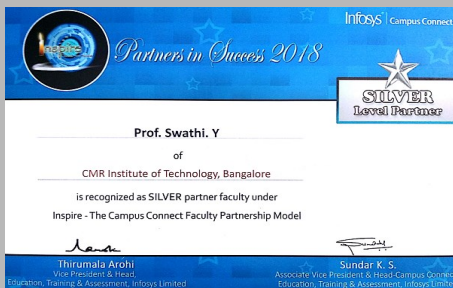
SOCH AWARD

Faculties of CMRIT, Under the leadership of **Prof. Phani Kumar Pullela, Prof. Karthik NM (Civil), Prof. Srinivas Reddy (Mechanical)** and alumni **Gowtham Reddy & Mohsin Ali Khan** (CO3 Structural Systems) and PhD students **Sharath Kumar D** were selected for **"Solutions for Community Health (SOCH award)"** in the category of **Sanitation & Waste Recycling from Govt of India. The award ceremony was in New Delhi on 20th March and it carries Rs 15 Lakh project for CMRIT to be completed in 6 months duration.**

INFOSYS INSPIRE FACULTY PARTNERSHIP AWARDS

Prof. Swathi.Y, **Prof. Sagarika Behera** received **Silver Level Partner Award** and **Prof. Manoj Challa, Prof. Anand R, Prof.Sudhakar.K.N, Prof. Kiran Babu T S, Prof. Poonam Vijay Tijar, Prof.Madhuri M, Prof. Kartheek GCR, Prof. Sheetal R** and **Prof.Swetha K V** received **Bronze Level Partner** Award from Inspire Faculty Partnership Awards – 2018 conducted by **Infosys Campus Connect** on 23/03/2018.Infosys Has recognized CMR Institute of Technology as **"Advanced Partner Institute"** during Partner in Success-2018

Dr. Paras Nath Singh presented a paper tilted **"A DEEP DIVE TO ANACONDA USING PYTHON &JUPYTER NOTEBOOK"** at Proceedings of ICT Section, Invited Speakers, 105th Indian Science Congress, on 19th March 2018,

Dr. Paras Nath Singh Recognized as **Expert Committee** Member in **CMR University** on 19/05/2018.

Dr. Prem Kumar Ramesh Won third prize for the PoC work **"Ontology based resource management for IoT Deployed with SDDC"** presented in the IEEE CCEM 2018 Pre-conference Workshop, 7th April 2018.

Mr. Shivakumara M J and Mr.Mahananda received consultancy amount **Rs. 10000** form Soil testing and services. April 2018.

Ruchir A J, received consultancy for **Tensile Strength test on Reinforcement bar**, Prime Living Builders worth Rs. 1600.

Shivakumara M J received consultancy from Insitute and Laboratory Soil testing for SBC, Mr.Sheshadri Patel, Jakkur village, Behind jakkur aerodrome, Yelahanka for Rs.16000.

Abhishek Javali presented paper titled **"Energy Consumption Aspects and %G waveform"** in IEEE international Conference on Wireless Communications, Signal processing and Networking at SSN College of Engineering Chennai.

Suganya.S presented a paper titled **"Throughput Optimization of Coexistent LTE-U and WiFi in next Generation Networks"** at IEEE international Conference Indiacom-2018 .

GRANTS & PATENTS

Innovation & Entrepreneurship Cell achievements includes grand challenges awards of 10 lakh each, one SOCH award of 15 lakhs, one foldoscope grant of 8 lakhs, four foldoscope awards of 4 lakh each, selection of one team in FKCCI Manthan finals, one patent filed from DST nanomission grant, generation of new project interest from alumni (Smart phone enabled classroom) & industry, for flex banner products (Rs 60,000), seawater desalination (Rs 3,00,000/-)

STUDENTS AT INTERNATIONAL FORUMS

GOOGLE I/O 2018 CONFERENCE

Anoop C J of ISE department was one among the 5 who were selected for Google I/O 2018 out of the 184 DSC Leads in India. Google I/O is the biggest developer conference the world anticipates every year. He was staying at the The Plaza Suites, Santa Clara and all his expenses were covered by Google.

May 6 & 7: Global Google Developer Group (GDG) Summit 2018: Anoop was given a speaker invite by my manager to represent the DSC program in India. He spoke about DSC-CMRIT and how it has evolved and changed student lives in just 9 months since the initiation

of program in India on August 2017. Anoop represented DSC-India and DSC-CMRIT in front of representatives from 99 countries.

May 8 to 11: Google I/O: Anoop attended Google I/O to witness

Mr. Sundar Pichai, CEO, Google live on stage and spent most of his time in the Google offices in San Jose, San Francisco and the headquarters at Mountain View meeting Googlers from around the globe, conferences, filming, sharing past DSC experiences and discussing the future of DSC.

SILICON VALLEY MEETUP

Asher John Sathya of Mechanical and **Priyanka Srivastava** of CSE, CMRIT were selected for **'SILICON VALLEY MEETUP'** by **'Fabs'** in world wide for the leadership role at the Silicon valley meetup , they presented "**Ignite Talk"** at **Stanford University**. Conducted sessions events and workshops at the **Google headquarters Mountain View, USA**, as well as at Stanford University between 14th to 20th of March 2018.

STUDENT ACHIEVEMENTS

NATIONAL TOPPERS IN NPTEL CERTIFICATION EXAMS

CLINTON J 80%
CMR INSTITUTE OF TECHNOLOGY

- **Rajat Kumar** received Top 2% in NPTEL certificate with 86% for course "**Introduction to Modern Application Development**" in April 2018.
- THEJAS AM received NPTEL certificate with 85% for course "**programming data structures and algorithm**" and top 5% python course in April 2018.
- **Sandhya J M** Awarded with Elite class certificate from NPTEL online courses for "**Data base Management System**" in April 2018.
- **Vinit P Kannani** received Top 5% in NPTEL certificate for course "**Introduction to Modern Application Development**" in April 2018.
- **Mr.Clinton** of 6th sem stood one among the top 5% in the NPTEL course **"Aircraft Maintenance"**.
- **Vikram J** of J section, 1st year was among the Top 5% in the **"patent drafting for beginners"** nptel course.
- **Shabari Vignesh** from 6th semester CSE is one among the Top 5% in the NPTEL course "Artificial Intelligence: Knowledge Representation and Reasoning"

AT INTERCOLLEGE EVENTS & SPORTS

- **Misha P** was the 1st Runner Up in **Smart India Hackathon 2018** at Coimbatore, Tamil Nadu on 30th March to 31st March 2018.

- **MANOGNA M** was the runner up form **Smart India hackathon** National wide Competition in April 2018.

- **Namratha V** secured the first place in internship cum workshop on **"IOT"** given the role of System Architect in the team and project secured the first place conducted by NPTEL Online course on Jan 24th to 31st May 2018.

- **Umang Kumar Agarwal, Fozail Akram, Ebenezer B** won third prize in state level quiz competition organized by laboratory for electro optics systems, ISRO, Bengaluru on 16/5/2018.

- The **ISE Department** emerged as the **winners** in the **Inter-Department Cricket Tournament** held at CMRIT.

- Sai Sunil K R, student of 4th semester ISE, was a part of the team that won the **Runners-up prize** in the **Inter Collegiate Zonal Tournament** (Feb 26th - March 6th) organized by VTU, the **Intercollegiate Cricket Tournament** (May 2nd - May 5th) organized by University Visvesvaraya College of Engineering and the **Devdar Christ Cricket Tournament** (April 19th - 26th) held at Christ University, Kengeri.

- CMRIT **Football Team** secured **Second Place** in the **UVCE Football Tournament** (ESPORTIVO-2018) held at Bangalore University Football Ground from 9th May to 11th May-2018, organized by University Visveshvarya College of Engineering, Bangalore.

CHAMPIONS AT SRISHTI-2018

CMRIT won Co-Championship at **SRISHTI-2018**

FIRST PRIZES:

- **S S MONISH** received First Prize for **TRAVEL SENSEI project in** Final year Computer science category.

- **Bipin Kumar** received First Prize for **Site Characterisation of East Bangalore** in Civil Paper presentation category.

- **NETHAJI S** received First Prize for **FOLDABLE ELECTRIC BIKE project in** Final year Mechanical Engineering Category.

- **SAIPRASAD RAGHUVEER REVANKAR** received First Prize for **Automobile accident avoider using driver's pulse variation** project in Avishkar Robotics and automation Category.

- **Shyamsharath** received First Prize for **Sustainable indigenous power solutions with affordable infrastructure** project in Avishkar Renewable energy Category.

SECOND PRIZES:

- **SURAJ R** received Second Prize for **PURIFICATION OF LAKE WATER** in Final year Mechanical Engineering Category.

- **Akash Porwal** received Second Prize for **Energy Absorption Capacity and Shear Strength Characteristics of Waste Tire Crumbs and Soil Mixtures** project in Final year Civil Engineering Category.

THIRD/CONSOLATION PRIZE:

- **Shivi** received Third Prize for **Efficiency of okra seeds as coagulant in treating water** in Avishkar Waste management Category.

- **Varun Kumar Saini** received Consolation Prize for **VirtuAlive** project in Final year Computer science category.

- **Sanjay Kashyap** received Consolation Prize for **Crack detection in a bridge** in Avishkar IOT category

- **RAVANATH C** received Consolation Prize for **OPTIMIZED 3D PRINTER** in Final year Mechanical Engineering Category.

- **DIVAKAR** received Consolation Prize for **EXPERTIMENTAL STUDYING PARTIAL REPLACEMENT OF FINE AGGREGATES WITH WASTE PLASTIC in** Final year Civil Mechanical Engineering Category.

PLACEMENT

List of companies that visited CMRIT during quarter Mar 18– May 18:

FUTURE ACTIVITIES

Some of the activities planned by various departments for the next quarter includes:

Sl. No	ACTIVITY PLANNED	DEPARTMENT	DATE
1	Graduation Day	All	17th Jun
2	Training on Basic and Advanced Engineering Knowledge	CSE	13-21 Jul
3	Workshop on Data Science with Python	CSE	23rd Jul -4th Aug
4	Workshop on Full Stack Development	CSE	23rd Jul -4th Aug
5	Big Data Analysis	ECE/TCE/EEE	16-17 Jul
6	VLSI/Cadence	ECE/TCE/EEE	18-21 Jul
7	Advanced Training Program - PGDIAMES	ME	Jul 16-Aug 14
8	Post Graduate Diploma in Advanced Mechanical Systems (PGDAMS)	ME	Jul 16-Aug 14
9	CAE Training from ELEATION, Pune	ME	Jul 15– Jul 31
10	Training on STAAD and ETABS through IEC	CIVIL	Jul 15- Jul 31
11	Autodesk Training on Advanced AutoCAD and Rivet	CIVIL	Jul 15- Jul 31
12	Workshop on Data Science with Python	ISE	Aug 13–18
13	Workshop on Full Stack Development	ISE	Aug 13–18
14	ReactJS and React Native Workshop	MCA	Jun 20-22
15	Machine Learning and Big-Data Workshop	MCA	Jun 18-19
16	Business analytics workshop	MBA	Jul 25-31
18	SAP FI CO	MBA	Aug –Sep