

MARCH 2018

CMR INSTITUTE OF TECHNOLOGY



CMRIT

CMR INSTITUTE OF TECHNOLOGY

ACCREDITED WITH A+ GRADE BY NAAC



CMRIT CONNECT

QUARTERLY NEWSLETTER

DEC 17– FEB 18

Inside this issue

- Message from Principal and Vice Principal
- Department technical events and Club activities
- Key Initiatives
- CULTURA-18 and EXPEDITE-18
- Student achievements
- Placements

Editorial Board:

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 Program Coordinator, ISE
 Prof. Anand R,
 Asso. Prof, ISE
 Prof. Prasad B S,
 Asst. Prof, ISE



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 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 Institute of Technology

CMRIMS

CMR Law College

CMR Life Skills Institute

CMR Center for Business Studies

NPS International, Singapore

CMR N PUC, HRBR

CMR N PUC, ITPL

CMR NPS

Ekya Schools, ITPL

Ekya Schools, BTM

Ekya Schools, J P Nagar

Ekya School, Kanakapura Road

MESSAGE FROM THE PRINCIPAL

Dear Students,



Dr. Sanjay Jain
Principal

It is very nice to see the new version of CMRIT newsletter published from this semester. Being published at regular intervals, I am sure it will be able to capture all the exciting activities and initiatives being done at CMRIT, and will reach out to all our stake holders.

You had great time in February with mega inter-collegiate event CULTURA'18 organized at CMRIT. The event provided many of you a platform to unleash your talent as well as showcase your leadership skills in organizing the event. On academic front, we have initiated

several student-centric initiatives such as MOOC, flip classroom, mini-projects, student clubs, counselling, industry-connect activities, innovation and entrepreneurship cell, centres-of-excellence, and PREPARE program for placements. I hope all of you are actively participating in the same and taking full advantage of all the facilities and resources available at CMRIT.

We want all our student to excel professionally, develop a global perspective, innovate, and find solutions to the societal needs. We are always open to constructive criticism and would welcome feedback and suggestions from you and other stake holder to create a healthy ambience at CMRIT for your success.

All the Best!

MESSAGE FROM THE VICE-PRINCIPAL



Dr. B Narasimha Murthy
Vice-Principal

I am extremely glad to learn that the NEWSLETTER is being released. This NEWSLETTER is a platform for budding engineers and faculty to showcase their talent in Science, Technology and Arts. I hope that the activities will inspire the student community to achieve greater heights.

Congratulations to the Editorial team for this wonderful creation.

Wishing all success!



DEPARTMENT TECHNICAL EVENTS & CLUB ACTIVITIES

Technical events held during the quarter, Dec-2017 to Feb-2018 ,in all departments conducted by various student clubs.

Dept. of Basic Science

- Guest Lecture on "**\$600B Eigenvector: The story behind GOOGLE**" by Dr. Chandrasekar Vaidyanathan, Dayanand Sagar University, Bangalore.



Dept. of CIVIL:

- Refresher workshop on "**Survey Instruments**" by Prof. Guruprasad and Prof. Karthik N M .



- Workshop on "**Basics of Microsoft excel, word and Power Point**" by Prof. Vibha N Dalawai, Prof. Karthik N M, Prof. Naresh Dixit.

Dept. of CSE/ISE:

- Two-Day Workshop on "**INTERNET OF THINGS (IoT)**" organized in association with Computer Society of

India (CSI).

- Six days FDP on "**Mobile Application Development**" by Prof. Shivaraj, Prof. Kartheek G.C.R, Prof. Lohith Raj.

Dept. of EEE:

- A guest lecture on "**Automation Tools**" by Mr S Vinay Sai, Application Engineer at AGA.
- Two-day Faculty Development Program on "**Robust Control Systems**" by Dr. A. A. Powly Thomas, Principal, Gopalan Engineering College.



Dept. of MBA:

- 2 days FDP on "**Blended Learning & MOOCs**", by Vasanthi Srinivasan (IIM Bangalore), P C Narayan (IIM Bangalore) were the key speakers.

Dept. of MCA:

- Mr. Ravi Kumar, Center Head of LiveWire had delivered a session on "**Business Analytics**".

• Dr. PhaniKumar, Professor & Head- Innovation and Entrepreneurship cell, CMRIT delivered a session on "**Innovation in IT projects**".





DEPARTMENT TECHNICAL EVENTS & CLUB ACTIVITIES

Dept. of ECE/TCE:

- Guest Lecture on **Entrepreneurship** by Mr. Tyson Thomas, Software Architect, **Kadima Consulting, Bengaluru.**
- 2 day workshop on “**Wireless Networks and IOT using NS3**” by Dr. Shilpa Choudary, Associate Professor, MSRIT and Mr. Venu Pakalapaty, Director, Engineering, Qualcomm India.
- AICTE sponsored - “**Network Science and Engineering**” FDP by eminent speakers from IIT-Patna, IISc-Bengaluru, IIT-Ropar, NITK-Surathkal, VTU, Belgaum.



Dept. of Mechanical Engineering:

- AICTE sponsored 2 week FDP on “**Advanced Industrial Automation**”.
- Workshop on “**3D Printing Technology**” by Mr. Sagar M Baligheid, Dr. Vijayananda Kaup.



Student Clubs

- GOOGLE-SDC
- CODECHEF
- MOZILLA
- RISE
- ACE
- SME
- ETA
- FEEE
- TECHNOLIX
- SCIENCE CLUB

KEY INITIATIVES

Mini Projects

To inculcate practical in students knowledge, mini projects are planned. The mini projects for the current semester will be displayed on 5th May and parents are invited to witness the same. Exceptional mini projects will be identified and rewarded.

MOOC Courses

Students are encouraged to register in at least one MOOC course every semester which would help them to enrich their knowledge and make them more competent in this competitive world.

Programming Skills - Python & DBMS

“**Python & Database**” program has been launched to inculcate basic programming skills for 2nd year students of all streams. More than 450 students of different branches have registered for this 30 hours course.



PREPARE-Program

Personality and soft skills development, through our flagship **PREPARE** program, aimed for pre-final year students was conducted by external trainers. Apart from covering **Technical Aptitude, Quantitative Aptitude and Soft Skills**, the program also focused on technical trainings with respect to core and computational subjects:

- **EC/TC/ EEE: C, C++, Python, DBMS**
- **MECH/CIVIL: Python, DBMS**
- **CSE/ ISE: Full Stack, Big data Tools, C, Java, Python**

In addition to the above, the individual department has also planned refresher course on fundamentals.



Centre of Excellence (CoE)

Nine Centres of Excellence (COE) are being setup at CMRIT to conduct focused research activities.

- **CoE-Machine Intelligence and Big Data**
- **CoE-Data driven IOT**
- **CoE-Natural Resources Management**
- **CoE-Metallurgical Engineering**
- **CoE-Additive Manufacturing**
- **CoE-Signal Processing**
- **CoE-Integrated Circuits**
- **CoE-Material Science**
- **CoE-Sensors and Nano Electronics**

Innovation & Entrepreneurship Cell (I&E cell)

- Innovation & Entrepreneurship cell encompasses all branches of UG & PG courses. The mandate of I&E cell is two-fold

(a) **Provide support for patent filing and**

(b) **Create successful entrepreneurs.**

The ecosystem covers investors, mentors, equipment, facilities, discussions, design thinking & lean start-up strategies, establishing collaborations etc.

CONNECTING WITH COMMUNITY AND INDUSTRY

Students are encouraged to engage more with community and industry through MoUs, Industrial Visits and Industry scholarship.

Students of Department of ISE visited HAL industry on 19th February 2018. It provided an exposure to the students in the field of Indian defence equipment.



ALUMNI MEET

Alumni meeting was held on Saturday, 24th Feb 2018. The event provides an opportunity to alumni to interact with the juniors and guide them in various aspects, the event witnessed around 120 alumni participants.



COUNSELLOR SERVICE

National Certified counselor **Dr. George William** is available in our campus on all Fridays for full day to provide counselling service to the students and faculties. He has 15 years of experience in providing individual and group counselling services.

CULTURA-18

Cultura'18 was held on the 23rd and 24th of February . Our headliners for this edition of CULTURA were :-

Day 1 - DJ Rave N Crave

Day 2 - Arjun Janya live in concert

The inauguration of the fest started at 9am on 23rd, Feb 2018. The event was inaugurated by

Ms. Charu Nahata the Managing Director of

Applied Intelligence Group at Accenture, and followed by main stage events such as:- Desi Beats, Mad ads, Two For Tango, Switch Foot, Fashion Show, Followed by the DJ night on day1. Beat Boxing, Indian Solo, Kick n Crew, followed by the live concert of **Arjun Janya and Team** on day 2.

Along with the main stage events, 43 other individual events were conducted over the span of two days ranging from 1 vs 1 , gaming, to literary, theatre , Kannada , Art and Music events, The Valedictory was held in Dwani, with Chief Guest as **Sanjith Hegde**, who is an alumni of CMR. The title sponsor for this edition of Cultura was **Hyper Movie** produced by **M Big Picture Productions**. Gold Sponsor were **Myhna Properties**. Radio partner **Radio Indigo 91.9**. Banking partner **Canara Bank**. Transaction partner **Bank Of India**. Media partners **Praja TV** and **News 9**.



EXPEDITE-18

Department of Management Studies, CMRIT organised **Expedite 8.0- Management Fest**, as a part of Cultura 2018. It was incepted with an aim to bring together the best minds from various B-schools to compete and test their business mettle.



ETHNIC DAY & FOOD FEST

“Diversity makes the world more beautiful...!” In the era of modernization and westernization when most of the people are moving away from their own culture and history, events like Ethnic day enable the young to revive reverence for our own culture. With this aim, **Ethnic day was celebrated on 17th Feb 2018 at CMRIT.**

Department of Management Studies, CMRIT organised a “Food Fest” amidst the excitement of “Ethnic Day”. This was an initiative to indulge the creative minds in acquiring marketing skills and step towards becoming future entrepreneurs.



FUTURE ACTIVITIES

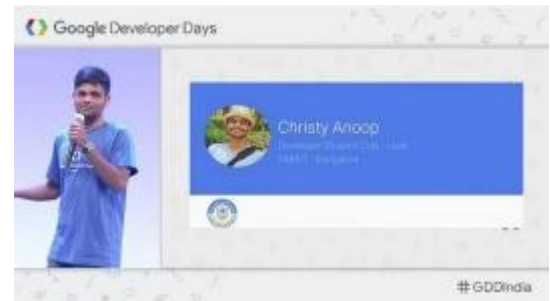
Following are some of the major events planned for the next quarter (Mar 18-May 18):-

Tentative Date	Organizing Department	Event
01/03/18 & 09/03/18	TCE	Workshop on “Arduino”
03/03/2018	CSE	Tech Talk on “Cyber Security”
07/04/2018	ISE	Seminar on “Software Testing Tools”
26/04/18	ECE	Workshop on “PCB Design”
26/04/18 & 27/04/18	ECE	Workshop on “ARM Made Easy”
27/4/2018	EEE	Industrial Visit
27/04/18	CIVIL	S. O. S - A Call for Help Poster Presentation on “Global Warming”. Mime on “Global Warming”
05/05/18	All	Project Exhibition
05/05/18	CSE	Tech talk on “Scrum@Corporate”
08/05/18	ME	Workshop on “MSM Modelling”

STUDENT ACHIEVEMENTS

CENTUM SCORERS: Following students secured cent percent marks in Engineering Mathematics, in the VTU examinations held during Dec 2017/Jan 2018

- Ms.Anju.K.P, 4th SEM CSE --Engineering Maths III
- Ms.Akhila B, CSE Che cycle----Engineering Maths I
- Mr.Suraj Kishore, CSE Che cycle----Engineering Maths I
- Mr. Sagun , CSE -Che cycle-Engineering Maths I



CO-CURRICULAR ACHIEVEMENTS:

1. Sonu S Babu of 4th Sem CSE was selected as Campus Ambassador for Pravega-2018, IISc, Bangalore.
2. Pavan Teja of 4thSem CSE was selected for Project leader for IoT internship,JSSATE College, Bangalore.
3. Christy Anoop of 8th Sem ISE, Lead for Google Developer Student Club (DSC) was one of the speaker at “Google Developer Program Lightning Talks” during Google Developer Days (GDD), India.
4. Shrikesh Suresh of 4th Sem ISE won 1st prize in Mad-Ads competition held PESIT south Campus.

ACHIEVEMENTS IN SPORT:

1. Sai Sunil K R of 4th Sem ISE was part of the team which won runners up prize in Devdar Christ Cricket Tournament event held at Christ University, Kengeri.
2. Hitash G.L of 6th Sem ISE Secured 1st place in Shuttler (Doubles) and 2nd Place in Shuttler (Single) conducted by Symbiosis Institute of Business Management during “REVELATION 18” Jan 2018.
3. Ms. Poornima N, 6th sem MCA secured the 3rd place in 4x100 meters relay race for girls and also won award in Fencing event.
4. Neymar Jr’s five, a globally established five-on-five football tournament kicked off their zonal in CMRIT. It was hosted by Red bull international with 36 teams participated in the event, CMRIT won the tournament.



5. Athletics team of CMRIT won the Overall Championship at the Annual Sports Meet held at CMR University on 16/02/2018. Ms.Sanchita – 1CR16EC147, Mr.Harsha A -1CR16EC046 won Best Athlete of the tournament award.



6. Darshan Prakash (1CR15ME406 currently in 8th sem) has been appointed as a coach for Karnataka Wheelchair Cricket Team and partici-

PLACEMENT

Some of the companies that visited CMRIT during quarter Dec 2017-Feb 2018:

