

DEC 2017

CMR INSTITUTE OF TECHNOLOGY

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



NEWS LETTER

INFO-RISES

2017-18

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Department of Information Science and Engineering is been accredited by National Board of Accreditation



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Dr. Sanjay Jain
Principal

VISION OF DEPARTMENT OF INFORMATION SCIENCE &

“To empower our students with necessary domain knowledge and professional skills in information technology for a global career to serve the society.”

MISSION OF DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

- *To build a faculty team with industry and academic exposure, capable of empowering and equipping students with necessary domain knowledge.*
- *To prepare the students for a global career in computing by enriching the curriculum with a blend of theory and practice.*
- *To develop industry relevant technical and communication skills with cross-cultural sensitivity through training programs, vibrant student clubs and student internships.*
- *To engage with industry and institutes of repute and collaborate in academics, research and development involving faculty and students.*



Prof. B Narasimha Murthy
Vice-Principal

MESSAGE FROM HOD

Dear Alumni, students and staff of department

It is my pleasure to bring out the updated information of the department for the last 6 months through this department newsletter to you. This endeavor is the result of efforts put in by a dedicated team of students and teachers. This newsletter offers a platform for showcasing our activities and sharing the journey of our department. We impart quality engineering education through sound theoretical knowledge, hands on laboratory as well as computational skill and exposure to recent technologies by visiting industries and having sessions on expert talk. We provide opportunities for students to participate in various technical and sports events/ Competitions. This newsletter is an attempt to highlight the achievements of our department and we have showcased the best and look forward to have more in the future.

-Prof. Prem Kumar Ramesh

HOD, Dept. of ISE

MESSAGE FROM PROGRAM CO-ORDINATOR

Dear students and staff of department

It gives me immense pleasure to present the latest edition of Info Rises. It is a depiction of the journey that has taken place in the department during the last semester. The department newsletter outlines the accolades and achievements of the students and the faculty. It is a treasure trove of knowledge and learning. It illustrates the artistic expressions of the students and provides them with a platform to commemorate their talents and excellence. I would like to congratulate the students on this memorable occasion.

- Prof. Manoj Challa

Program Co-ordinator, Dept of ISE



**Prof. Prem Kumar
Ramesh
HOD, Dept of ISE**



**Prof. Manoj Challa
Program Co-ordinator,
Dept of ISE**

TECHNICAL EVENTS

Mobile Developer Fest @CMRIT

Mobile Developer Fest (MDF) is a day long event series hosted by Google Developers in different college campuses across India for aspiring mobile developers. It offers hands-on training, speaker sessions across multiple product areas, and inspiring stories from Indian developers.



Mr. Anoop C J ,from 7th SEM ISE delivered a talk at Google Mobile Developer Fest (MDF) a day long event which was hosted by GOOGLE at



Mobile Developer Fest CMRIT on OCT 27th , 2017. It was attended by more than 500 students of CMRIT and other colleges across Bangalore.





TALKS AND SEMINARS

1. A Workshop ON “Revisiting COs and POs” BY Dr. Giridhar , Professor, Department of Civil Engineering , CMRIT was held on 25 th and 27 th July 2017.
2. A guest Lecture was jointly organised by Department of ISE & CSE on “Real time usage of cloud computing and virtualization” on 19th Aug 17 by Mr.Ashish Raghuvanshi, Senior software engineer(HP), Bangalore
3. A seminar was jointly organized by Department of ISE & CSE on " Indian and international education” on 28th Aug 17 at 10AM by Mr. Amith Ravindra.



MEET OUR SPEAKER

Mr. Amith Ravindra – is a 330 out of 340 scorer in GRE, 760 out of 800 scorer in GMAT, 100 percentiler (Verbal) in CAT and has counseled and successfully helped more than 100 students to get into prestigious, colleges such as Kellogg, Wharton, Duke, Kelly.



RISE CLUB ACTIVITIES



RISE-Representatives of Information Science & Engineering

GOAL OF RISE:

“To nurture to the needs of young minds with technological developments”

RISE (Representatives of Information Science Engineers) focuses to recognize the student achievements of outstanding performers, motivate students in their academics, and also provide a platform for awareness on the latest developments in Information Science and Engineering.



1. RISE Club (Department of ISE) organized a tech talk on "Engineering- Doing it the right way" by Mr.Abraar, an alumni of CMRIT on 9th of September at 11 am for 3rd sem students of ISE.



2. RISE student club (Department of ISE) and ACE student club (Department of CSE) had jointly organized a technical training program on “Introduction to Python & Android platform” on 1th of September.



3. A workshop was jointly organized by RISE and ACE on “WEB VIRTUAL REALITY” in association with Mozilla . Abhiram Ravikumar (Full Stack Web Developer, SAP Labs) and Rutuja Surve (Software Engineer, Infoworks) addressed the sessions which was attended by more than 80 students.



4. A session on higher education was organized by Dept. of ISE, CMRIT on 16 th October 2017 addresses by P N Santosh and Amith Ravindra, Byju’s Classes,,Bangalore.
5. A hands on session was jointly organized by RISE and ACE on “Machine Learning” on 1st November which was followed by a Hackathon. Microsoft student partners of CMRIT handled the sessions.

RISE COORDINATORS

Activities under RISE CLUB is always initiated and driven by students of ISE under the guidance of faculty members. Ms. Riya Regi and Ms. Pallavi of V ISE are acting as students coordinators, Prof. Prasad B S and Prof. Akhilaa are acting as faculty coordinator to ensure the club is driven in the right direction.

moz://a

MEET OUR SPEAKERS

Rutuja Surve

- Alma mater BITS, Goa , he is an open Source summer intern Mozilla project, Outreachy program, 2016, Student Developer Intern, OPNFV project, Linux Foundation Interned at Amazon, 2016 Interned at Nvidia, 2017 Mozillian Tech Speaker for WebVR, Pune. He is Currently working as a Software Engineer at infoworks, Bangalore

Abhiram Ravikumar

- Alma mater PESIT BSC, Contributed as a student volunteer at Mozilla and FSMK, Handled over 40 sessions and workshops on Web Development, Rust, Git version control as a Mozillian PAN India. His research in the area of data science has been published in many international conferences, one of which was adjudged as the Best Research Poster award at Comput-2016, an international conference by ACM India. He is a Mozilla Tech Speaker in Full Stack Web Development and Data Science. Currently, working as a full stack web developer at SAP Labs



ALUMNI MEET

Alumni meet of Information Science and Engineering stream of CMR Institute of Technology was held on October 7, 2017. It was inaugurated at Mech AV Hall, alumni's were addressed by HOD, followed by interaction with faculties of ISE department.

Alumni's interacted with the juniors by visiting the class rooms and addressed them regarding the challenges and opportunity in current industry and preparedness required to meet those needs. It was an interactive session and very much fruitful.

A delicious lunch was served for all the alumni members at the end of alumni reunion.



CONNECTING WITH COMMUNITY



As part of SWACCHATHA PAKHWADA-2017 On 9th of September, around 70 students from the CSE and ISE under the guidance of Department of CMR Institute of Technology under the guidance of faculty coordinator Prof. Akhila, visited various hospitals in Bangalore to spread awareness about cleanliness and waste disposal. They visited and surveyed hospitals and created reports based on their observations.



BLOOD DONATION CAMP

NSS unit of CMRIT organized a voluntary blood donation camp on 14/11/2017 on the occasion of Founder's Day. Students and faculties of Department of ISE voluntarily participated and donated blood during the same.



FACULTY DEVELOPMENTS AND ACHIEVEMENTS

SERVICE AWARDS



**Mr. Ramsankar Dubba
receiving 10 years service
award**



**Prof. R. Anand
receiving 5 years service award**

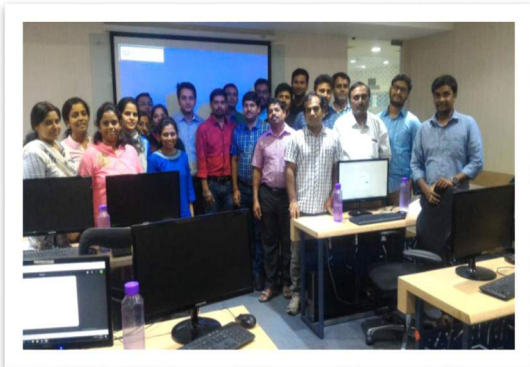


**Prof. Danthuluri Sudha
receiving 5 years service award**



**Prof. Sheetal R
receiving 5 years service award**

- Prof. Prasad M S and Prof. Lohith Raj attended five days (12th- 16th June 2017) workshop on Android Development Foundation course organized jointly by VTU & Google.



- Prof. Manoj Challa attended Computer Society of India - Bangalore Chapter (CSI-BC) - MSME Event "IT Adaption for MSME Sector" on June 24th 2017 at KASSIA Hall, Bangalore.



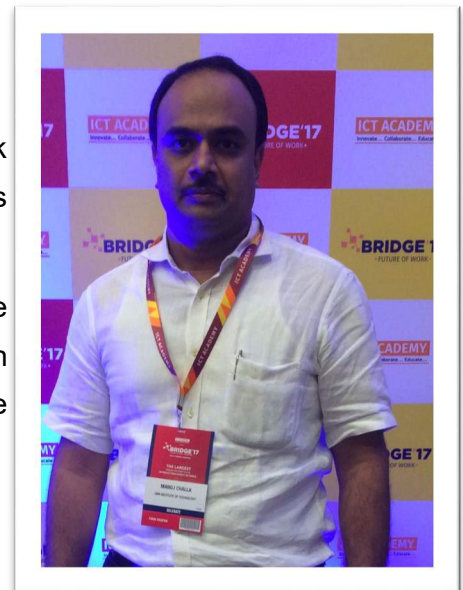
- Prof. Manoj Challa & Prof. Sheetal have been identified for the Inspire Faculty Partnership Model certificates by INFOSYS.



- Prof. Manoj Challa was selected as a Reviewer for Advances in Science, Technology and Engineering Systems Journal that is a well reputed Journal.

- Prof. Manoj Challa Attended Embedded Safety and Security Summit-2017 at Hotel Park Plaza, Bangalore on 22nd August 2017.

- Prof. Manoj Challa attended Red Hat Forum at The Lalit Ashok Bengaluru on 19 September Sharing some great industry insights .
- Prof. Manoj Challa- attended ICT Academy conference Bridge 2017 at Bengaluru, India's Largest Industry-Institute Interaction Event on 20th September 2017 (Wednesday) at Hotel Le Meridien, Bengaluru.



- Prof. Manoj Challa attended Inspire Event 2017 which was scheduled on 25th September 2017 at Infosys, Bangalore.
- Ms. Priyadarshini Attended one day FDP on Networking Simulation using Qualnet Software organized by DELLSOFT Technologies pvt.ltd, on 14th September, 2017.
- Mr. Manoj Challa, Mr. R.Anand and Ms.R Sheetal cleared online examination of IMAD (Introduction to Modern Application Development) July 2017 Edition offered by IIT Madras and Hasura.



- Ms. Priyadarshini Acted as resource person on Digital Marketing workshop in New Horizon College of Engineering on 15.09.2017 & 16.09.2017.
- Ms. Priyadarshini Acted as resource person on Android App Development workshop in New Horizon College of Engineering on 06.10.2017 & 07.10.2017 .
- Ms. Priyadarshini Acted as resource person on Mobile App Development workshop in New Horizon College of Engineering on 13.10.2017 & 14.10.2017

CONFERENCES AND PUBLICATIONS

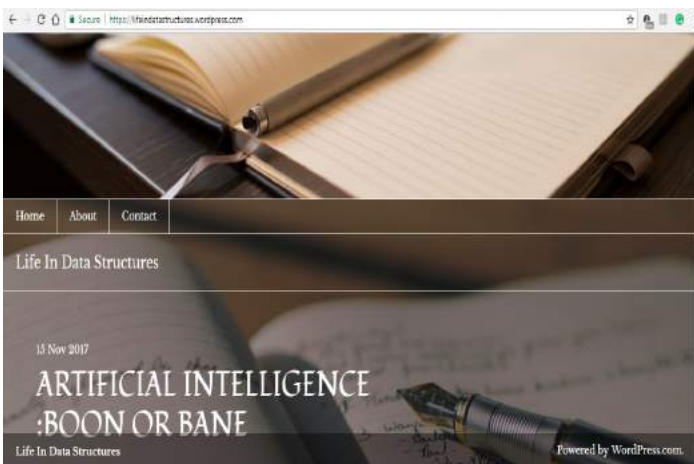
1. "Fuzzy Logic and Trust Based Clustering Approach to Improve the WSN Performance", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 16 (2017) pp. 6055-6064 - Prof. Manoj Challa
2. "Mining Query Facets using Multivariate Regression" International Journal Of Advancement In Engineering Technology, Management and Applied Science (IJAETMAS) ISSN: 2349-3224 || www.ijaetmas.com || Volume 04 - Issue 06 || June-2017 || PP. 36-47 Prof. R Anand
3. "A Secure Scheme for Detecting Provenance Forgery and Masquerade Attack in Wireless Sensor Networks", International Journal of Engineering Research and Advanced Technology ISSN 2454-6135 Volume 3, Number 12 (Dec 2017) pp. 16-23 Prof. Priyadarshini
4. "Secure Thumb Verified Online Deals" National Conference on Advances in Computing (NCAC 2017), 26th May, 2017. – Prof. D Sudha

TEACHING PEDAGOGY

Faculty staff and students of Information Science and Engineering are involved in a range of projects which use innovative techniques and technologies to enhance teaching and learning.

STUDENT BLOG

- Prof. Megha Sharma initiated “Life in Data Structures” a blog conceived, created, authored, edited and maintained by the ISE students of III semester. The blog aims at providing the students a platform to express their learning. One of the major attribute of this teaching methodology is to



enable the students to express and explain what they have understood. This boosts their confidence and eventually results in them perceiving the topic by delving deep, thus acquiring a crystal clear view. The blog can be found at the below link:

<https://lifeindatastructures.wordpress.com>

ROLE PLAY

- Prof. Priyadarshini asked students to do role play in topics from syllabus. This allowed them to understand the concepts deeply, increase students' eagerness to learn, engage self involvement, active learning, engage in the content, team collaboration, innovative thoughts, real-time learning. In this type of teaching the students will be more active. The students know real time implementation of the concepts and they won't forget the particular concepts.



STUDENT'S ACHIEVEMENTS

RESULTS AND ACADEMIC TOPPERS



NEHA BHARADWAJ
1CR13IS053
8TH SEM -88.53%



KAVYA S
1CR14IS043
6TH SEM-84.11%

TOPPERS

RESULTS

SEM	PASS %
VIII	96.94
VI	93.62
IV	74.79



RASHMISHREE RAUL
1CR15IS079
4TH SEM-89.25%



ROHIT RANU
1CR16IS084
CENTUM IN M2

CMR MEMORIAL SCHOLARSHIP

CMR Jnandhara Trust awards founder's day scholarship to meritorious students across all CMR institutes. During year 2017 eight hundred fifty nine applications were received for the memorial scholarship and Department of ISE feels proud that seven of our students were honored with this scholarship for this academic year.

SUJAYA SHETTY	BE. ISE V SEM
CHETHAN KUMAR.V	BE. ISE V SEM
SUDHA KUMARI	BE. ISE III SEM
AKASH.R	BE. ISE III SEM
UMANGA CHAPAGAIN	BE. ISE VII SEM
SUSHMITHA.S.R	BE. ISE VII SEM
KARTHIK.U.P	BE. ISE III SEM

AWARDS, SCHOLARSHIPS AND RECOGNITIONS

LEADERSHIP AWARD

Christy Joseph Anoop of VII ISE received **CMR Leadership award** for his exceptional leadership skills and overall cademic and non academic achievements.



- Anoop CJ, ISE, 4th year, was selected as Lead for the Google's student developer Club at CMRIT.
- Kavya S of 4th year received Arihant scholarship (given to meritorious girl students) by Prof. Selvarajan (EEE dept, IISc) funded Arihant Charitable Trust.
- Dhruv Mishra of 3rd year received "Huawei Scholarship for Excellence"



SAVE THE TREES INITIATIVE

Yamini U(5th Sem), model at Prasad Bidapa Model Management, was an active participant in the Save the Trees Initiative in Bibi Russell's exquisite, she has also modelled for Forever 21, Aldo accessories and Just Watches, modelled for clothes by Forever New and shoes by Steve Madden



STUDENT'S ACHIEVEMENTS

GOOGLE DEVELOPER DAY



 Women Techmakers
  Developer Student Clubs
  university innovation fellows

EMPOWERING WOMEN

Leadership | Entrepreneurship | Tech

Timings: 9:30am - 12:15pm Venue: Mech AV Hall

Agenda

Time	Topic	Speaker
9:30am-9:50am	Introduction To Women Empowerment	Sarina Zare
9:50am-10:50am	Design Thinking By UIF	Asher Sathya & Priyanka Srivatsava
10:50am-11:05am	Break	
11:05am-11:45am	Women Entrepreneurship	Nidhi Dokania
11:45am-12:15pm	Women Techmakers	Sukriti Paul (Manipal IT)

" ,Your value will be not what you know it will be wat you share "

Anoop C J gave a talk during Google Developer Days India - 2017 in a Lightning Talk Session on Day-2 of the event at the Community Lounge. He was the only DSC lead from the entire country to be present on stage at GDD.

He was also a speaker at "Women Empowerment and Women in Tech" workshop hosted by The Developer Student Club of CMR Institute of Technology , in association with the Women Techmakers and University Innovation Fellows.

AWARDS, SCHOLARSHIPS AND RECOGNITIONS

CO-CURRICULAR ACTIVITIES

Mr. Ravi Shankar and Mr. Shrikesh (Dept of ISE) members of CMRIT fashion team had participated in the east zone round of the Deccan Herald Fashion Show held on 19th of August at CMR Law College.

Hitaish GL(1CR15IS034) member in Men Badminton Team VTU Inter Zone runner ups.



Priyanshi Pandey 1CR15IS071 student of 5th semester was awarded with a trophy and a certificate for being the "most loyal student" at Shiamak Davar International (India) Pvt Ltd on 4th of June 2017

SRIKESH WON OPPO RFRESH FACE TIMES OF INDIA—1 ST PRIZE

PLACEMENTS 2017-18

Placements for the academic year 2017-18 is still halfway through and many reputed MNC's have visited CMRIT and have already recruited students of Information Science and Engineering department. Some of our esteemed recruiting companies who have completed their recruitment for the academic year are as below:



Deloitte.



MORE ON THE NEXT PAGE.....

PLACEMENTS 2017-18

Companies visited so far.....



AND MANY MORE YET TO VISIT.....



CMR Group of Institutions

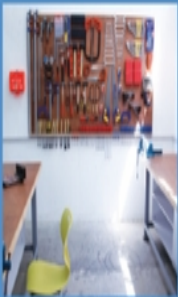
UNIVERSITY

- School of Architecture
- School of Economics and Commerce
- School of Engineering and Technology
- School of Management
- School of Media Studies
- School of Media and Technology
- School of Research and Innovation
- School of Social Sciences & Humanities



COLLEGES

- CMR Centre for Business Studies
- CMR Law School
- CMR Life Skills Institute
- CMR Institute of Management Studies (Autonomous)
- CMR Institute of Technology



SCHOOLS

- CMR National Public School, HBR Layout
- CMR National Public School, OMBR Layout
- CMR High School
- CMR National PU College, HRBR Layout
- CMR National PU College, ITPL
- Ekya School, ITPL
- Ekya School, JP Nagar
- Ekya School, Kanakapura Road
- Ekya School, BTM Layout
- NPS International, Singapore



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