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Department of Computer Applications welcomes you to yet another issue of Seasonal Delights, the platform that showcase our thoughts, talents and actions.

Seasonal Delights is not just the portrayal of the achievements of the quarter and other relevant news but also a look book of various talents, emotions, thoughts and creativity in the department.

The MCA Department had another great year. The department continues to gain new heights, achieve new targets, and initiate exciting activities leading to newer promises and higher expectations in the future.

Classroom learning, extra hours of preparation for exams, improvement tests, project developments... these activities play an imperative role in determining our potential.

But in this saga of success, our flair remains undiscovered.

To unlock our treasure of concealed talents and divulge our achievements, we have come up with this issue of Seasonal Delights.

Learn more about the MCA ians and many great happenings and accomplishments we have achieved. I am sure you will witness a department with promising opportunities, unstoppable growth, immense energy and confidence to make a constant improvement.

We invite you to read the Newsletter and be a part of our wonderful journey to success.



On 5th of September 2017 a guest lecture was held on Computer Networks. Ms. Savitha from JETKING Institute was the trainer. She has more than 20years of experience. It was a hands-on session on wired and wireless networks using Cisco Softwares.

Demo on connectivity of network was also discussed. She started the session by asking few questions related to computer network.

topic on wired network connection, was discussed point to point connection by taking two nodes (PC's) and showed us how the packets being transferred.

She also taught us how to assign IP address to the nodes in static way as well as dynamic (DHCP) way using a server.

She continued the session with multipoint connection where we used switches and routers. She gave a brief explanation about the packets being transferred using switches and routers for different networks.

Finally, she ended the session by explaining the wireless network connection .

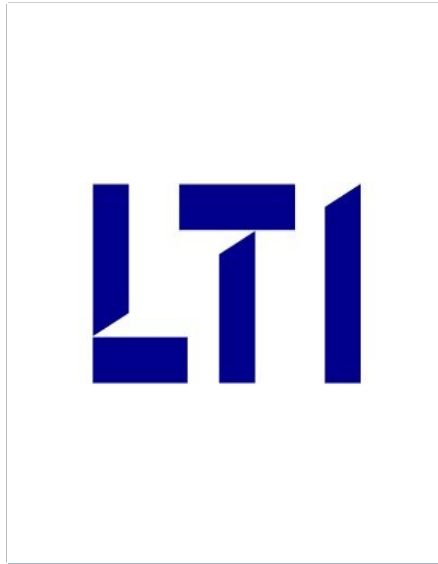
CONCLUSION: The two hour session was conducted very useful to us. It gave us better insight on Computer Networks and helped us to learn new things.



Mr. Seetharam, Software Engineer from ROBERT BOSCH has conducted a two hour session on JVM and Internal Architecture of JAVA.

During this session he discussed the importance of the JAVA Language and its base for any job requirement and he also discussed about JAVA Compiler and Interpreter, Android 's compatibility with JAVA and ideas for developing projects in JAVA.

This was held on the 19th AUG 2017 at 10am to 12 pm. A memento was presented to the guest by Prof. Gomathi.T, HOD , Dept. of MCA. Vote of thanks was delivered by Ms.Thanuja.



DELOITTE :

Deloitte is one of the "Big Four" accounting firms and the largest professional services network in the world by revenue and number of professionals.

Deloitte provides audit, tax, consulting, enterprise risk and financial advisory services with more than 263,900 professionals globally. This company visited our college for placements and many students took the interview.

Larsen & Toubro Infotech (LTI) :

A subsidiary of Larsen & Toubro, is a global IT solutions & services company based in Mumbai, India. LTI is ranked number 6th in Indian IT sectors in 2013–2014. The company has 39 registered offices in 27 countries.

It employs standards of the Software Engineering Institute's (SEI) Capability Maturity Model Integration (CMMI) and is a Maturity Level 5 assessed organization. Sanjay Jalona is the new MD & CEO of LTI.

Sachin Soman of third year MCA was placed in this company .

TCS :

TCS is an India based multinational information technology (IT) service, consulting and business solutions company Headquartered in Mumbai, Maharashtra. It is a subsidiary of the Tata Group and operates in 46 countries.

TCS is one of the largest Indian companies by market capitalization (\$80 billion). TCS is now placed among the most valuable IT services brands worldwide. TCS alone generates 70% dividends of its parent company,



Synechron Inc :

Synechron is a New York-based information technology and consulting company focused on the financial services industry including capital markets, insurance, banking and digital.

Synechron was founded in 2001 by Faisal Husain, Zia Bhutta and Tanveer Saulat. In 2007, the company acquired 110 Technologies, a testing services company. Synechron acquired SysCore Solutions, a technology strategy and data architecture company, in 2008.

Pooja C B of third year MCA was placed in this company.

Codilar Technologies :

Ecommerce is all set to take the retail sector by storm and we, at Codilar, are generating superior technologies and best practices to create a better world for the e-commerce industry.

We have an efficient team of solution specialists and designers with an eye for unmatched creativity. A force of certified Magento experts in providing key feature in websites.

Ahmed Arsalan of third year MCA was placed in this company.

Analytics Quotient :

The country code Top Level Domain for Antarctica Adaptive quantization, a quantization process that provides efficient compression Oracle Advanced Queuing, a message provider used in the software products of the Oracle Corporation Adversity quotient, in psychology, a score that measures the ability of a person to deal with adversities in his or her life Anthraquinone, an aromatic organic compound Aqueous solution, dissolved in water Autism-spectrum quotient, a test for autism spectrum conditions in ad.

Sukanya P of third year MCA was placed in this company.

ACHIEVEMENTS



Stephen Sebastian S from the second year MCA is a Dancer who did his Bachelors in CMRIMS . He is specialized in Lyrical Hip-Hop and does a lot of choreographies for schools and colleges.

He was the finalist of the 2016 Fresh Face event which was held in CMRIT where he performed for All of me-John Legend and in the same year he was the finalist in the Radio Mirchi event where he danced to Ey Sandakaari, a Tamil number.

The year 2017 was a year of success for Stephen because again he participated in the Fresh Face event and this time he secured **2nd Runner** up when he switched his foot for DESPACITO and this was featured on the **Times Of India newspaper** (Picture on the left) . Yet again Radio Mirchi conducted their event in CMRIT and Stephen was the **Winner of the event** where he performed for Prathi Baari from Kirik Party .

Lekhana Uthaiah from the 2nd MCA participated is one of the most expressive dancer. Her expressions for different genre of songs stand out in her.

In the year 2016 she participated in the Oppo Fresh face Event and she was the winner from the girls (performed on the song cham cham of Baaghi movie) representing CMRIT and it was featured in the Bangalore Times newspaper. She is Presently the **Placement coordinator of MCA** .



Poornima N, a student of MCA 2nd Year has bagged sports award in fencing who was Coached by Debang Singh and Lakshmeesh Manjunath.

Following are the achievements and Awards :

2014-15 = All India inter University Fencing (patiala) ,2015-16 = All India Inter University Fencing (Chandigarh) ,2016-17 = All India Inter University Fencing (Amritsar) (Bronze Medal) ,

2016-17 = All India Jain University Extravaganza (Bronze Medal) ,Best Appreciation Outstanding Achievement Award (2015), Best Appreciation Outstanding Achievement Award(2016), Best Appreciation Outstanding Achievement Award (2017),Achievers Award (2017).CMR Scholarship(2017).

Leader in the Making



A Leader is a torch bearer who instills determination and motivation in all hearts. Department of MCA has such a leader among the students.

Sachin Soman, student of MCA 5th semester has been awarded the CMRIT Leadership Award on the occasion of Founder's Day program on 18th November 2017.

As a responsible citizen he has started an NGO named Friends Expression Of Charity Group.(FEOC).

He has also held the post of technical secretary, Fest Coordinator for PG-Studies for the year 2015-16 and 2016-17, and Placement Coordinator for the batch 2015-18.

He has also had excellent academic records and got places in L.T.I. recently.

From the Leader's Pen

There have been several special moments in this journey of 3 years, but the one that I would always keep close to my heart is November 18th 2017 , where I had the privilege to receive one of the most precious thing a student can achieve in his life time.

Yes, that moment when I got to the stage, this time not to perform nor be a representative, but to be awarded for the leadership skills which were inculcated in me by my teachers, friends and family who had played a vital role in shaping me this way.

The teachers who stood by me, saw the best in me and made sure that I bring out the better of the best. I remembered all of them and I cannot thank enough for what they all have done for me and I thank the Department of MCA for always being such a huge support and trusting on all my work.

It was a great feeling. That immense pleasure gave me goose bumps. I realise that its my duty and responsibility to keep up the recognition given to me. I will always ensure that I will keep moving forward. Maybe slow but steady.

As I realise my strength, I will keep trying to convert my weaknesses to strength. I promised myself that I would do my best to make all those inspiring people who lightened my path, proud of all my future ventures too.

Jai Hind !

- Sachin Soman

SOCIAL RESPONSIBILITIES



Friends Expression of Charity (FEOC)

Birthday parties be like “ Cut cake -> Throw a party -> Enjoy with friends”. Well, this Friends group celebrates it differently. They find an orphanage, contribute some cash towards buying something useful for the needy and find happiness out of it! This very thought made them think a step forward and went out to have a charity group. Started with a team of 8. Now they have more hands that has come forward to help them reach out to more and more people. They have also expanded their horizon up to Chennai and they have a second team working from Chennai.

Everyone would want to help each other in need, yes after FEOC was formed they had more people contacting to just tell that they would like to be a part of this venture. All everyone needs is a trusted contact where they can follow up to help people in need. And they are happy that FEOC has proven to be trust worthy. This would not have been possible without the help of our family, friends and MCA dept. CMRIT ,their constant support and encouragement has helped us be the CHANGE. A CHANGE that has brought hope to many.

Keerthana Ashok (passed out MCA student), Sachin Soman of the third year are the main founders and organizers of this trust . Team FEOC is building its base strong and will emerge as one of the trusted charity group to seek help.

We don't do Charity, We Express Charity!





FRIENDS EXPRESSION OF CHARITY
ABHINAYA PAROPAKARA - 2
 Express Charity
Deena Seva Charitable Trust


 Lets aid each other to Combat AIDS

Deenanilaya, Kothanur – Post, Bangalore 560 077
DATE & TIME
8th October 2017, 3:00 – 5:00 PM

REQUIREMENTS:
 Biscuits, Jam, Fruits, Bread
 Cooking Oil, Rice, Urad Dal
 Washing Soap, Washing Powder,
 Bathing Soap, Coconut Oil, Phenoyl

CONTACT DETAILS
 SACHIN SOMAN : 8095054861
 MAIL TO : friends9charity@gmail.com
 FACEBOOK : @FRIENDSEOC
MONETARY HELP IS ALSO ACCEPTED!



A team of delegates from Google India visited CMRIT campus for a session with the technical students, acknowledge their talent and encourage them to think out of box. MCA 3rd year students had participated in the event.

This workshop was organized to give an insight about technologies currently in use in the industry and other various upcoming technologies to the students.

To begin with, a session was conducted on various tools and technologies that Google use and later a test was taken on whatever was taught in the session.

The team had set up a model where the students could play different kinds of games which were using advanced technologies. The day went very well for the team as well as for all other students who got enough food for technical thought and encouragement to develop and explore new things.

TECH TALKS

Department of Computer Applications introduced Tech Talks for the 2nd and 3rd year students. Every student is given an opportunity to take a technical topic of their own choice related to current or upcoming technologies and demonstrate using a presentation in front of their classmates. As a result students are acquiring knowledge on newer technologies and gaining confidence from public speaking.

Each student will do a thorough research on the technical topic selected by them, prepare a presentation using which he or she can explain the technology to the class and should be able to answer any question or doubt that the other students in the class raises. In the process, the student is getting in depth knowledge about the new technology which was not there in the syllabus.

Being able to communicate well is also a very valuable skill and is the need of the hour. Having technical knowledge does not make much sense if one is not able to communicate with others and share information. As knowledge workers when the students will join the IT industry, this training in public speaking will be of immense use to them.

Aptitude/Pick N' Speak

Aptitude classes were started in the Department of Computer Applications to improve logical thinking capabilities among students. In these sessions students were made to answer multiple choice type questions. The questions were categorized into groups like verbal ability, numerical ability, patterns, logical reasoning etc.

Spelling and grammar are improved in verbal ability. Numeric ability includes basic mathematics. Pattern and logical reasoning will strengthen logical thinking abilities of the students.

In order to make the sessions more interesting, activity like pick and speak was started where a student is made to pick a random topic, think quickly in about a minute about the topic and need to talk about to the topic for few minutes. The sessions used to be interactive and useful.

My experience as a student in Department of Computer Application is another fun filled page of memories in the book of my life. This is the place where I discovered myself personally and professionally. Being a MCA student and learning the course is a pleasure.

Faculties of this department are just great and they try to help us in all the ways possible. MCA department just feels like a family. I have explored new avenues of technologies and learnt a lot. I am proud to be a part of this department and doing my master's degree here.

Thank you !

- PRIYANKA YADAV (Technical Secretary)



The first and second semester of MCA in CMRIT was certainly an great experience. During the first semester, it felt like you should be excited to be in college, but you're just not. You're constantly confused by people who say "I love college" and "College is the best time of your life." After few months time I saw the reason. You'll come to really love where you're at. You'll believe that your campus is beautiful, you'll find a group of friends who you can really talk to and not stress about fitting in with. And you'll hate the thought of being away from college and its endless opportunities and freedom.

Since "experience is often the most valuable thing you have to offer." I was able to learn many things to get motivated from my friends and teachers , and have a very successful and enjoyable first and second semester — and I'm hoping to keep using my experiences to improve and grow as a student and person.

- SOLOMON CHINTADA (Class Representative)



College life is the best time in every student's life. I am a part of CMR family for total of 4 years now. First three for my BCA from CMRIMS, then one year for MCA in CMRIT and 2 more years to go. I take pride in calling myself a CMRIAN. CMRIT helped me explore the various hidden talents that I possess. Leadership quality is one such talent. I started as a class representative, then a Newsletter coordinator (PG) for the year 2017 – 2018. I was able to successfully handle all responsibilities I was given.

I sincerely thank all my teachers whose constant encouragement and support molded me to what I am.

College life is incomplete without friends. I thank my friends for helping me through thick and thin and also being a constant support whenever I needed. I am sure the day I will walk out of this college I will have my head held high and carrying the bag full of wonderful memories.

-SUBHASHINI R.R (Newsletter Coordinator)



College makes you feel protected. You have lesser stress and lesser worries. But once you step out the world is entirely different. You are no longer under the umbrella of a student.

It's not simply quoted that student life is the best. Well I do miss out few things. Everyday rush to class for attendance, sleep during a boring session, bunk a test, write assignments, laugh for no reason, exam , library, fest, internals, externals,.... Ah nostalgic!

I would never forget the confidence and encouragement given by our beloved teachers and our HOD. Their inspiration helped me to take a step forward and try to do something big. Yes, my step towards being an entrepreneur has begun, something that was a dream is now coming to real. Apart from this I also work as a HR at Zolostays picking up so recruitment strategies and also building my managerial skills.

Working for your better future is good but working to make other's future better is a blessing. Along with the help of my college friends I have a charity group where we pay visit to orphanages/ old age homes to extend our helping hands to lighten their lives. I thank God for giving us the opportunity and strength to serve them.

The journey will not end here. Life after CMR has given wings to my dreams and made me a better person.

- KEERTHANA ASHOK

Technical Secretary, Class Representative



My entry into CMR after finishing my BCA was an unforgettable occasion in my life. I felt especially energized on the first day and also nervous at the same time. I wanted to do MCA course as I had just finished my BCA. With not much of aims and dreams about the future, I stepped into MCA.

But God had completely different plans for me I guess. He made me meet few people who had immense knowledge, that never give up attitude, passion towards life and many more. They were my teachers. And college is incomplete without them. As the Sanskrit chant says " Ajn- yanaatimir Andhasya Jnyaananjana Shaalaakayaa, Caksurunmiilitam Yena Tasmai Shri Gurave Namaha ". It is the teacher who helps or motivate students to reach heights. (meaning: Hail to guru, Who Removes Darkness of Ignorance from our Blind Eyes by showing the Light of Knowledge) .In My MCA life, I had very good lecturers, whom I can't forget, without whom I wouldn't be in this position. And after 3 years I came out of CMR with knowledge, aim, and goal about the future.

When it comes to friends I don't know what to say. "When you are away from home and lose yourself in the path of life, it is friends who help you". Thank God, I had few of them who helped me to get myself back.

Overall it was really good experience spending 3 years in CMR and those 3 years taught me many things. I can't explain my experience in few lines or pages. Moreover, experience can't be explained it should be experienced

- DEEPAK BHARADWAJ
EX-CMRITE



FRESHER'S PARTY : MASQUERADE



FRESHER'S PARTY : MASQUERADE



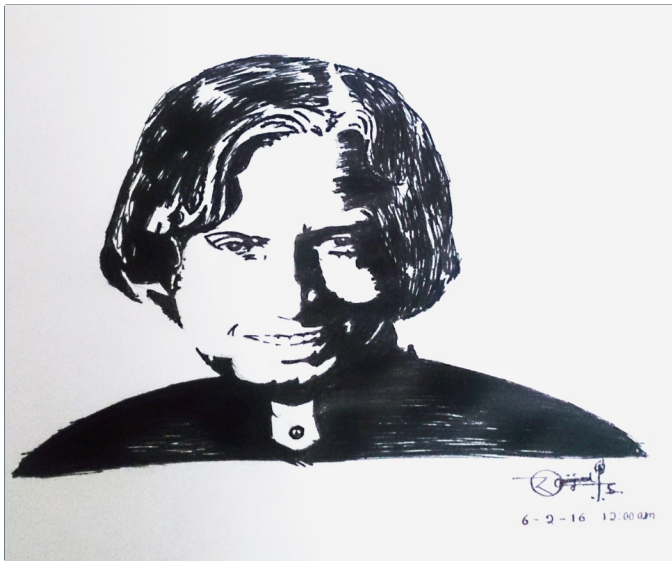
THE HAPPY SNAPSHOTS

Here are few of the best moments of the MCA final year batch who enjoyed to the best at CMRIT





Anil S, a student of 2nd year MCA is a talented artist. He does wonders with pencil. The portraits he make are very lively . Here is one of his best art !



Sharath Kannan from the third year MCA is one of the best coders in the batch ! He has participated in many fests and won in coding and debugging contests. His recent feat is he **won First Place in the Web Designing competition held in CMRIT**. He is known for his ability of finding out his own logic for different algorithms and he s also developed an Application which works on Android Phones called **Diligent**. Diligent is designed to simplify the needs of students and college administration. The software helps in keeping track of Students' complete academic details . It includes personal information, internal assessment and attendance. It facilitates smooth functioning and operation, keeping pace with latest Technology. It is simple and easy to learn, information is organized and safe.

Chaitra R, student of 2nd year MCA, is well known for her creative painting who uses colors to bring out the beauty in her paintings. She has participated in lot of events and here is one of her best !



Vijay Vishwakarma is a 3rd year MCA student who takes art into a different new level. He does paintings and sells them online. People love his art and that encourages him to improve further

He s also a **professional Photographer** who takes brilliant pictures of minute regular things and bring them to life. Such a talent!

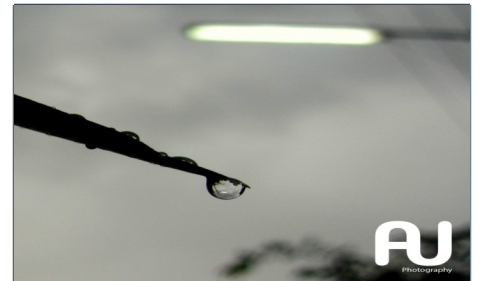


PROUD MOMENTS

Ajay of 2nd year MCA has not only made the MCA department proud but also the entire CMRIT with his talent. He is a professional photographer whose work is fascinating and won lot of awards. He loves to capture the beauty of the nature which is mesmerizing .

He also loves to take his friends picture as part of his journey in CMRIT. His love for the photography has made him shine out of all. His works are appreciated by all, and his works are featured in lot of newspapers .

His best feat is one of his winning Photograph for a competition is kept at a mall in Koramangla for the public to view .



Many other students have showcased their talents in order to bring fame to the MCA department . Few of them are :

1. **Sukanya P** of the third year MCA has been the VTU topper for three semesters. She has also received award on CMRIT Foundation Day for being an extremely diligent student.
2. **Roopa** of second year MCA had received scholarships on CMRIT Foundation Day.
3. **Shivaraj** of Third year MCA had received scholarships on CMRIT Foundation Day.
4. **Chandan S** of the second year MCA he played an important role in the Kannada Rajyotsava Event happened in CMRIT he was one of the main organizers for the event . He is also involved in lot of events outside college and does welfare work for people who are in need . He s also a big Upendra Fan and does lot of charity in the name

VTU TOPPER

SUKANYA 3rd yr. MCA



Why we LOVE social media ??

I welcome you to the world of SOCIAL NETWORKING.

HISTORY OF SOCIAL MEDIA :

The roots of social Media Starts from Blogging, Google, AOL, ICQ and Compu-Serve. Social Media has become popular in the recent past but the concept of social media and has started from way back in 1969.

Why social media?

On click of a button we get numerous information. FACEBOOK, YOUTUBE AND TWITTER are the 3 top used social networking sites. Be it a family function, be it a social gathering or be it promoting a business, be it anything, you have the social media for your rescue. Children of these days don't really read story books because kindle has eased the burden of searching the book stores.

Are you a business man? looking for promoting your business? then not to worry Facebook is one such medium where there are 1,100,000,000 estimated monthly visitors, surely many out of this 1,100,000,000 needs your service.

Time Saving, easy, fast to communicate, informative, easy to promote one's business, Hhelps in socializing with as many people as possible, to self-occupy when free, share photos/ information/thoughts... Social media is a perfect solution to most of our needs this days.



Auto Driver Omkarnath-Katharia

Auto driver Omkarnath Katharia offers free packets of water and food to the street vendors who sell knick-knacks at the traffic signals of Delhi

Rising temperatures and heat waves during summer are the biggest topics of conversations right now. When people with roofs over our heads and electricity to install fans and coolers feel the wrath of the sun to such an extent, we can imagine how difficult it must be for those without houses or any sort of equipment to protect them from the scorching heat.

Realizing their plight, one auto driver in Delhi is trying to help street vendors selling small items at the traffic signals by providing them with snacks and water. His name is Omkarnath Katharia.

Omkarnath has been driving an auto since 2012. After becoming an auto driver, he realized the hardship of staying on the road for the entire day. Whether it's summer, winter or monsoon, auto drivers don't have the option to sit indoors. While dwelling on his own plight in the summer of 2012. Ever since then, he started carrying several small packets of snacks and a carton filled with packets of water in his auto.

At every traffic signal, he hands out these packets to the street vendors and talks to them. When some people enquired about his initiative and offered help, he also set up a small donation box that now helps him cover some of the costs of the things he distributes. Hats off to this great man and his dedication to help the society.



- KRISTOPHER LAWRENCE 2nd Year MCA

The SEO (Search Engine Optimization)

SEO is just a process of making a website visible to the users in the search engine.

Why SEO for business?

When people search for a services that is related to the one's business then obviously one would want their website to be on the top of the list.

No user will ever try to look into every page that Google or any other search engine suggests. So whatever the user types related to the business in question, that has got to be on the top of the list.

How to become Google's favorite?

Google wants to give its users the best! So the search algorithm also has got to be the best! Google uses the most complex mathematical ALGORITHMS to find the best matching website with the search string.

As a business person one needs to look into the 3 major factors:

1. Grade (Quality)
2. Credence (Trust)
3. Sovereignty (Authority)



- SHABNAM AFSHAN 2nd Year MCA

Augmented reality: Augmented reality is the integration of digital information with the users environment in real time.

Virtual reality creates totally artificial environment where the augmented reality uses the existing environment and overlays few information on top of it. It is related to a more general concept called computer -mediated reality, in which a view of reality is modified by a computer.

This new technology blurs the line between what's real and what's computer generated by enhancing what we see, hear, feel and smell. Augmented reality adds graphics, sound, haptic feedback and smell to the natural world as it exists. Original versions of Augmented reality are already on some cell phones, particularly in applications for iPhone and phones with Android OS.

Augmented reality is an other step further into the digital age as we will soon see our environment change dynamically either through a Smartphone, glasses, car, windshield and even Windows in the near future to display enhanced content and media right in front of us.

This has amazing applications that can very well allow us to live a lives more productive be more safely and more informatively. We will no longer be able to recognise what is real and what is virtual, our world will become a convergence of digital and physical media.



- KISHMA THINGUJAM 2nd Year MCA

Vision and Mission of Department of Computer Applications:

Vision:

To evolve as a center of excellence in computing education producing globally competent professionals who can contribute for the betterment of society.

Mission

M1: To prepare students for a global career in computing by enriching the curriculum with a blend of theory and practice.

M2: To build a faculty team with industry and academic exposure to nurture competent professionals.

M3: To engage with industry and institute of repute and to collaborate in academics, research, development and consultancy involving faculty and student.

M4: To envisage and implement real world project and foster continuous learning amongst students through life-skill, industry relevant programming and internship.

EDITORIAL TEAM:

The editorial team is extremely thankful to all the students, faculties and everyone else in CMRIT who has encouraged us and helped us in the process of making this newsletter. We would need all the help in the future to make the newsletter more interactive and informative.



Ms. Gomathi T - HOD, MCA



Ms. Moumita Roy - Faculty Coordinator



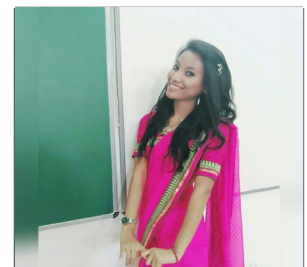
Ms. Daya T – Faculty Coordinator



Mr. Stephen S - Lead Designer



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