



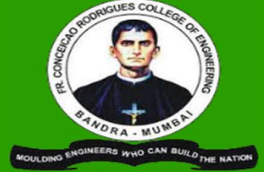
MOULDING ENGINEERS WHO CAN BUILD THE NATION

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The Byte Stream

Official Newsletter – Issue 3 - Year 2021
Department of Computer Engineering

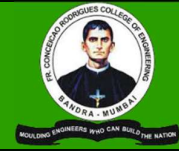
In the Issue



Department of **Computer Engineering** was established in 1991. The department offers B.E. in Computer Engineering, a four-year degree program with an intake of **120** students. It has excellent infrastructure and highly qualified and professionally skilled faculty. The department conducts various training programs to help faculty and students to improve their technical knowledge. It has signed MoU with several companies like Tata Consultancy Services, IBM and D-Link. Graduates of our department have been recruited by major IT companies such as TCS, Accenture, Morgan Stanley, JP Morgan Chase, ZS, Seclure, SAP, Amdocs to name a few.

1. **Vision - Mission - PEO - PSO**
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3. **Editor's Desk**
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12. **Placements**
13. **Internships**
14. **Articles**
15. **Certifications**





Vision, Mission, PEO and PSO

Vision

To grow as a center of excellence and prepare high quality engineering graduates capable of excelling in their chosen field of an enterprise through an innovative and rigorous approach to education.

Mission

- To blend theoretical knowledge with practical applications by imparting high standard technical education.
- To provide the techno-managerial skills for achieving excellence in their respective area of specialization.
- To encourage faculty involvement in pursuing academic excellence through quality research and publications.

Program Educational Objectives

At the completion of the program, graduates will have the ability to

- Analyze, formulate and provide solutions for real world problems with social ethics using fundamental scientific, mathematical and computing knowledge.
- Adapt to the ever-changing technologies in computer science and apply them in multidisciplinary scenarios.
- Develop and demonstrate leadership and interpersonal skills to work individually and as part of a team.

Program Specific Outcomes

PSO1 Apply fundamental computer science knowledge to solve real world problems.

PSO2 Design and Implement software systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration to architectural, algorithmic and security aspects.

Message from HOD's Desk



Dear Students,

I trust that you are taking care of yourself and helping your family well in this time of crisis.

I am very happy that our department is releasing 3rd Issue of the 'The Byte Stream' as a forerunner of the department activities to highlight hidden talents. As you are aware, we have successfully completed our theory & practical sessions on time for the Academic Year 2020-21 courses by streaming the videos. The COVID-19 pandemic has changed education forever. It had created the unique opportunity to improve teaching/learning in the short and long-term. In line to this, the college & university also devised a mechanism to conduct on-line examinations.

Overall, I think it is fair to assume that the vast majority of you liked it!

I am elated to tell that the department stands on the strength of experienced and well qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate your future. With great demand in industry and great placement opportunities, the department stands tall and proud.

I am also very proud of your creative potential and original thinking based wide spectrum of achievements. You are not only academically sound and disciplined but also shown brightly at technical, non-technical forums at National & International level.

Hence, I am hopeful that this small piece of information will develop a deeper sense of belonging to the institute.

Wish you all the Best

Dr. B. S. Daga (HOD)

Dept. of Computer Engineering



Message from Editor's Desk



*Creativity is thinking new things,
Innovation is doing new things,
Innovation distinguishes between a leader and follower,
Innovation is the ability to see change as an opportunity,
Inspiration comes during work not before it,
Education is Passport to the future.
GLORIFY YOUR FUTURE*

Dear Readers,

Prof. Swati Ringe here!

We are exuberant to acclaim that we are ready with all new hopes and hues to bring out the third issue of the newsletter "The Byte Stream 2021" of the Department of Computer Engineering, Fr. Conceicao Rodrigues College Of Engineering.

This newsletter is indeed a pious attempt to make our budding talents give shape to their creativity and learn the art of being aware because I believe that our success depends upon our power to perceive, the ability to observe, and the power to explore. This newsletter is a medium to provide proper acknowledgment and respect for all activities and achievements of students and faculty.

We hope this issue will inspire us for a new beginning enlightened with hope, confidence, and faith in each other in the journey ahead.

We extend our sincere thanks to college management and beloved Principal Dr. Srija Unnikrishnan for continuous encouragement. We are thankful to our Head of the Department, Dr. B. S. Daga, for his constant support in various departmental activities and this newsletter. We also thank all the Students, Faculty, and Alumni for their support and contribution.

Stay Safe and Take Care.

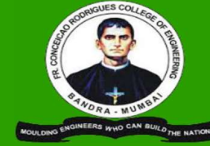
If you have any questions, comments, concerns, or constructive suggestions, we'd love to hear them, so please e-mail! swati@fragnel.edu.in

Happy Reading!



pooja.panchal@frcrce.ac.in

Alumni Corner



Subrai Pai, Senior Product Manager, Dexcom

I graduated from CRCE in 2012 with a degree in Computer Engineering.

The four years that I spent in CRCE have played an integral part in where I am today. When Swati Ma'am reached out to me and asked me to share my thoughts with all of you, I thought long and hard about what I could share that you will find useful. In an ideal world, we all would have been having this conversation, sitting in Samvaad or on the stairs, sipping chai from the canteen, and sharing samosas. But the world we are in today, penning an article 'old school style' seemed like a perfect way to have a conversation with you all.



First off, I hope this finds all of you and your family in good health. The past year has been a challenging year for all of us on so many levels – professional, personal and everything that comes in between. As the entire world has been ravaged by a global pandemic, it is now more than ever that the bonds of friendship, which we form during the formative years we spend in college, are more important than ever. CRCE was the place where some of my deepest bonds were formed, and they are as relevant today as they were all those years ago.

Below are some of my musings that I would like to share with you, with the hope that it will help you navigate some tough times that may lie ahead.

Health – both physical and mental

'Health is wealth' is an adage that all of us are familiar with, however unfortunately often the emphasis is on physical health. Mental well being, which is equally if not more important, often gets overlooked. Having the ability to stay calm when things are not going your way, balanced when there is pressure all around – these are some things that practicing mindfulness helps with. This may sound like a cliché, but having a sound mind in a sound body is an important tool in your arsenal as you navigate this journey called life.

Focus on Experiences, Not Things

These four years that you spend in college are truly a unique time in your life, where you have the opportunity to try and experience new avenues, which will create indelible memories. Be bold to chart your own path, and have confidence in your abilities to succeed. Liked a subject that was not a part of your curriculum? Join a student club where you can learn more about it, and get practical knowledge about the subject. Always wanted to talk but were nervous going on stage? Participate in the CRCE Memorial Debate. Always had a blast dancing during Ganpati festival but are conscious dancing in front of your teachers and friends? Take part in the Class dance during Euphoria. Don't be afraid to fail – it is the best teacher. Be comfortable being uncomfortable. Know that growth and progress comes from being outside your comfort zone. Know that you will never know everything, but always be willing to learn.

Alumni Corner



Be Intensely Curious

There is a nice question on Quora, where someone asked how they could be the next successful entrepreneur – and the top voted answer was by Justine Musk, Elon Musk's ex wife. She explained how being determined and working hard is the minimum you need to succeed – what actually sets you apart is your curiosity. Be intensely curious about the world – and not just about things that you like. Have the courage to ask questions - the right questions. Asking the right questions with curiosity will help you uncover what the right problems you want to solve, and your experiences and mental and physical well-being will help you solve those problems.

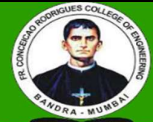


Advice is like a blessing – it is free, and everyone loves to give it, including yours truly. What I have shared above is based on my experience and learnings – some of it will be good for you, and probably a lot of it will not resonate. As with all other things, hopefully this will provide food for thought, and help you chart your path forward.

In closing, I am confident that I wouldn't be the only alumnus to say that the time I spent in CRCE has left a permanent mark on me, which has held me in good stead in my career, and will continue to do so in the long run. Treat your time at CRCE like a painting canvas – use it to experiment with different colors and themes to help you paint your glorious future.



Alumni Corner



MOULDING ENGINEERS WHO CAN BUILD THE NATION

Cognition is a deemed synonym of a student's journey in a technical institution. Though I can't vouch for this, I would also like to ascertain that CRCE, for me, has played a role far bigger than this. A place that has given me great mentors, lifetime friends, tons of unforgettable memories and loads of motivation and zeal. Every other person I met in CRCE had something to teach me. It wouldn't be wrong for me to say that I owe a lot my personality traits to my CRCE peers. While I can go on and on like this, now that I am going to talk to the next gen of CRCE who are soon to enter the corporate tiger's lair, I thought of putting down some of my learnings or rather realizations without sounding like a gyani. Because as we all know sharing is caring!



Dhana Nandini Rajaruban
(Batch: 2009-2013) Strategy
Consultant- Deloitte USI

Before we get started just take a sigh of relief, I wouldn't be explaining how to become a technical wizard or a subject matter genius, I am sure everyone here is smart enough to figure it out. Savoir faire is the word on spotlight!

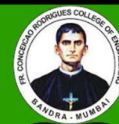
Little less than a year back, I was reading an article about Sundar Pichai. He manifestly had a good list of success mantras to share with his readers, but one statement particularly captured my attention. His views on making others feel fruitful. Indeed, a small piece of appreciation can make a big difference to the esteem of the receptor and the rapport you share with them. And this is important because today's world runs on team efforts. While it's important to be competitive and ahead of the race, behold the fact that you must first be part of a team. It is not important to be right all the time. Accept and value everyone's opinion. That's how dream team is formed, functions and flourishes.

No matter where you go or what you do, hold on to your roots. Back during school days, I used to attend Bhagavad Gita classes on my parents' insistence, questioning myself the usefulness of doing so. It was some 10 years later when I had to confront the world on my foot, did I realize the role these good old value systems have played in crafting my personality. Do not underestimate the power of exercises that build morals and ethics because they decide the standards and credibility you will eventually acquire in the society.

Once you kick-start your career, you will be a part of a global community. You will be working with people from different nationalities, culture, and religion. MNCs will spend millions in ensuring that you interact and develop a comfort zone with people from across the world. In this derby race to mingle with the multiracial ecosystem, do not divulge from your natural self. It's vital to preserve your self-identity. Trust me the cosmopolitan crowd will love you for your novelty.

Under-grad is the space where you will get ample time to paddle and decide what you are passionate about. Both within and outside your academic ring. Ensure to explore every aspect. May it be doing a research project or dabbling into creative writing or public speaking or sports. Just give it a try. In the fullness of time, you will realize what you need! That was a lot of information to consume in one go. But I am optimistic that even when taken in drips these titbits will act as retrofits aiding you while you fly out with beaming colors. Cheers!

Class Pictures



SHAPING ENGINEERS WHO CAN BUILD THE NATION



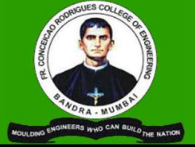
BE COMPS



2021



Class Pictures

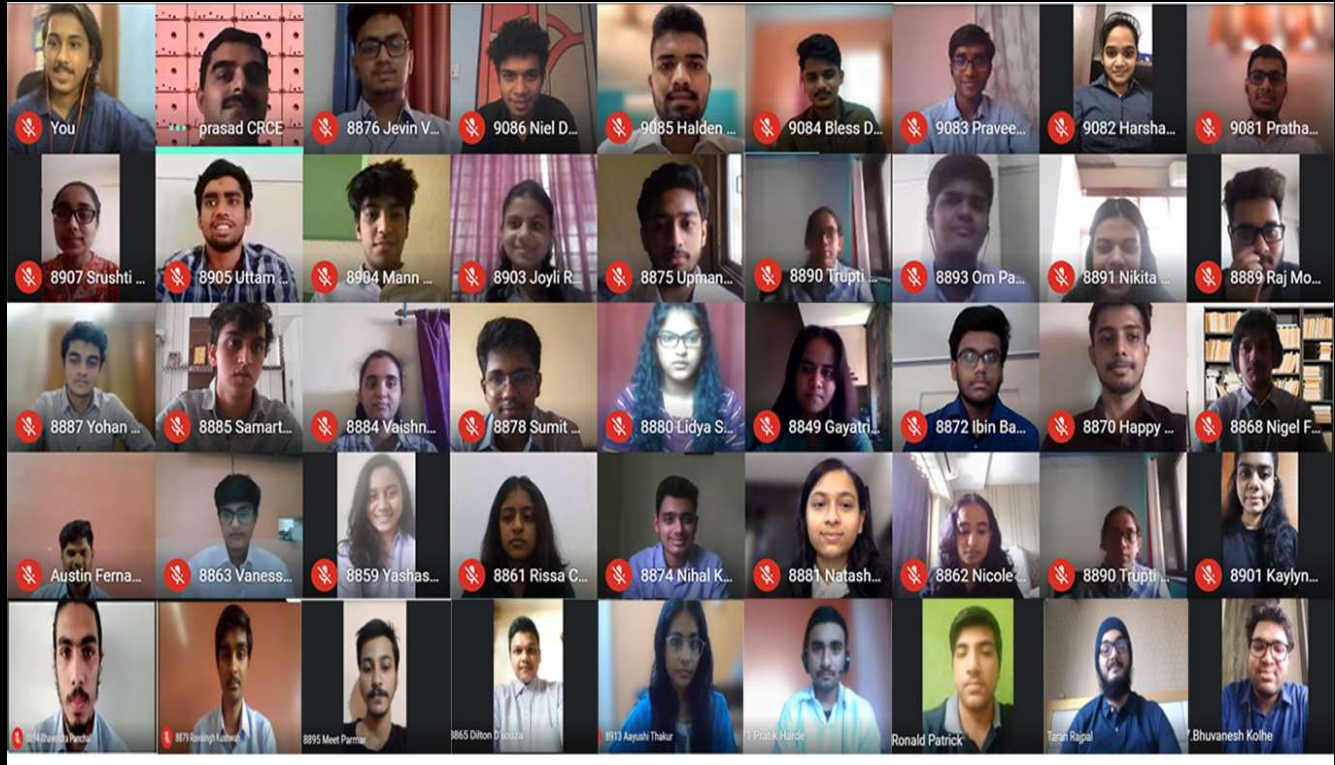


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Class Pictures

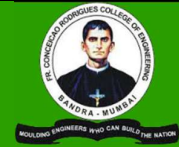


SE - A (COMPUTERS)



SE - B (COMPUTERS)

Student Achievements



Paper contests, Design contests, Any other awards, achievements

Final year students – **Simran D'souza, Riya Gupta and Dishank Oza** secured 1st place in Technical paper presentation competition, organized during Crescendo – A National level Technical Festival, CRCE, Mumbai, March 2021.

Final year student – **Mahek Male**, secured 2nd place in Project Competition, organized during Crescendo – A National level Technical Festival, CRCE, Mumbai, March 2021.

Final year student – **Mahek Male**, Winner of Best Overall Hack at HackHealth 2021 (Stony Brook University, New York)

Final year student – **Simran D'Souza, Riya Gupta and Dishank Oza** secured third place in project competition – Software on “Hand Tracking and Gesture Recognizing communication system for disabled people” organized during Crescendo – A National level Technical Festival, CRCE, Mumbai, March 2021

Final year student – **Riya Gupta** secured 2nd place in Mechathon, organized during Crescendo – A National level Technical Festival, CRCE, Mumbai, March 2021.

Final year student – **Kevlyn Kadamala** – Team CROSS Coders declared the winners of Smart India Hackathon2020 – Software Edition.

Final year student – **Kevlyn Kadamala**, won the Best Quantum Computing Hack award at MacHacks one of the North America's only Artificial Intelligence Focused hackathons, February 5-7 2021, McMaster University, Ontario

Final year student – **Elita Menezes**, Winner of Best Overall Hack at HackHealth 2021 (Stony Brook University, New York)

Final year student – **Shaileshkumar Mishra**, 1st Runner up in Code Hunter, Shivaji College, Delhi University.

Final year student – **Shaileshkumar Mishra**, 2nd Runner up Codex(SIES College).

Final year student – **Sherwyn D'Souza and Darlene Nazareth** ranked in top 10 in Facebook's Wit.ai Hackathon.

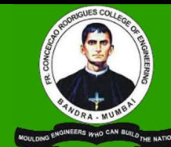
Final year student – **Shubham Pednekar**, India Singapore Hackathon 2020 Finalist (Domain - Medical Waste Management)

Final year student – **Shubham Pednekar, Mario D'Souza, Khalid Shaikh, Rahim Churana, Alok Yadav**, Ariaen Correa SIH 2020 Winner by Cisco Devnet (PS AM289)

Final year student – **Khalid Shaikh**, secured 276th Rank in TCS CodeViita 2020

Final year students – **Abhishek Ahirao** stood 2nd in Mechathon, organized during Crescendo – A National level Technical Festival, CRCE, Mumbai, March 2021.

Student Achievements



Paper contests, Design contests, Any other awards, achievements

Final year student – **Sanfer Noronha** secured second prize in hackathon, , organized during Crescendo – A National level Technical Festival, CRCE, Mumbai , March 2021.

Final year student – **Dishank Oza** secured 1st prize in Circuit Wi , , organized during Crescendo – A National level Technical Festival, CRCE, Mumbai , March 2021.z competition

Final year student – **Amurto Basu ,Shubham Bhate, Mahesh Desai, Cassia Vaz, Sherwin Pillai, Carol Sebastian, Elvis D'Souza** , Finalist of Smart India Hackathon 2020.

Final year student – **Anuj Purandare ,Anuj Joseph, Abhishek Magvekar,Rachel Jose, Hardik Trivedi, Samuel Davis**, Finalist of Smart India Hackathon 2020.

Final Year student –**Kevin Ruffin and Pranay Bagrecha**, Runner up, CRMD-2020, National Level Debate competition held at CRCE, Bandra, September 2020.

Third Year students - **Bilonikar Shreya, Mendonca Carol, Phadakale Divita** won 3rd Prize in Ingress Hackathon national level (Team iCode) on February 13-14, 2021 by Mar Baselios college of Engineering and Technology (autonomous), Thiruvananthapuram, Kerala.

Third Year students – **Purohit Suryansh, Reddy Ganesh, Shetty Sanath Krishna and Tomar Ayush Devendra** were declared the winners of the Beta 3.0 national level hackathon winner (Code Asylum) held by NIT Bhopal.

Third Year Computer Engineering student – **Sanfer Samson Noronha** won 2nd Prize in Hackathon organized during Crescendo – A National level Technical Festival, CRCE, Mumbai , March 2021

Third Year Computer Engineering student – **Kevlyn Kadamala** won the prize for Best Quantum Hack and Best use of Google Cloud in Hackathon MLH- MackHacks 2021.

Third year student – **Tripathi Sudheer Vijaykumar**, Global Rank 324, August Long Challenge Div 1, Codechef, Aug 2020.

Third year student – **Tripathi Sudheer Vijaykumar**, Global Rank 866, Google Kickstart Round H, 2020.

Third year student – **Tripathi Sudheer Vijaykumar**, Rank 3, Codebattle 2.0, inter college coding competition by codemistic, Sept 2020.

Third year student – **Tripathi Sudheer Vijaykumar** Winner, Team Tricode, Unscript Mixed Hackathon, Nov 2020 organized by CRCE, Bandra, Mumbai

Third year student – **Tripathi Sudheer Vijaykumar** ,Winner, Team Tricode, Hackathon organized during Crescendo – A National level Technical Festival, CRCE, Mumbai , March 2021.

Second year student - **Kolamparambil Ian Joseph**, declared winner of SharkHacks, 4-6 Decemeber 2020.

Student Achievements



Paper contests, Design contests, Any other awards, achievements

Third year student – **Samyak Gaur**, Runners up, Team catastrophe, Unscript Mixed Hackathon, Nov 2020 organized by CRCE, Bandra, Mumbai.

Third year student – **Ajani Yameen Tanveer**, Runners up, Unscript Mixed Hackathon, Nov 2020 organized by CRCE, Bandra, Mumbai.

Third year– **Dabre Chelsea Moses**, Top 10 rank at Hack36 National level Hackathon April 2021

Third year student – **Dias Mario Jonas**, 3rd Place winner Alcoholic 2.0 May 2021 organised by Codelabs CRCE, Mumbai

Third year student – **Mascarenhas Nicola Mary**, 1st place , medical device for improving neonatal care, April 23-25, 2021 organised by Mh2 Maharashtra Health Hackathon team

Third year student – **Purohit Suryansh Bhupesh Reddy Ganesh Bheemesh Tomar Ayush Devendra, Shetty Sanath Krishna**, winner Version Beta 3.0 national level hackathon winner (Code Asylum) 2021 held by NIT Bhopal.

Third year student – **Shetty Sanath Krishna**, has built a storage drive, “Save as blockchain” for Pistis.io pitched in gsv summit, ORU university and several more universities which was highly appreciated.

Third year student – **Shetty Sanath Krishna**, has developed “IMS Global badges” for baking of the digital badge.

Second year student – **D’Souza Dilton** secured THIRD PLACE IN 26th INTERNATIONAL E-KATA OPEN WFSO KARATE CHAMPIONSHIP

Second year student - **Chettiar Rissa and Sequeira Rachel Lawrence** secured First Place in National Level Robotics Competition(BrainWreck organized by MIT AOE), 16-17 March 2021.

Second year student – **Upmanyu Jha**, won top 10 Best Performers award in Ethical hacking training By Internshala.

Second Year student – **Mohare Prachi, Jayesh Badwal, Manan Shah** (Team- DevGeeks), Runner up Unscript Rookies Nov 2020 organized by CRCE, Bandra, Mumbai organized by Fr. CRCE, Mumbai, 21st & 22nd November.

Second year students – **Raj Mourya** , secured first place in Alcoholic1.0 place, Best SE team (Code Debuggers) in Hackathon organized during Crescendo – A National level Technical Festival, CRCE, Mumbai , March 2021.

Second year student - **Thakur Aayushi and Sreenivasan Murugan** won Best Circuit Design in National Level Robotics Competition(BrainWreck organized by MIT AOE), 16-17 March 2021.

Second year student - **Almeida Alan Anthony**, won First Prize at Open Coding Competition , St. Francis Institute of Techonlogy, 27 February, 2021.

Second year student - **Almeida Alan Anthony**, won First Prize in Scavenger Hunt competition t Virtual Colloquium 2021 on 'IT for Gaming' organized by St. Francis Institute of Technology, 27 February 2021, First Prize.

Events Organized Councils- IIC - FrCRCE

Prof. Kranti wagle, Prof. Ashwini Pansare, Prof. Swati Ringe



Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in formative years. MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses. This is why IIC-Fr.CRCE is established.

IIC-FrCRCE received 4.5 stars rating in the academic year 2019-2020

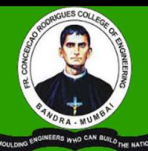


The third version the body; IIC-Fr.CRCE3.0 organized various IIC /MIC events in the college; Some of which are as follows:

- 1.
1. My Story - Life of an Entrepreneur - Motivational session by Gaurav Sen
2. Entrepreneurship and Innovation as a Career Opportunity Webinar
3. Exploring the Start-up dream: Plan to execution!
4. Entrepreneurship and Innovation as Career Opportunity
5. My Story - Motivational Session on Innovator's Life, success story and future scope
6. Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship)
7. Webinar on Design Thinking, Critical Thinking and Innovation Design
8. Design Validation
9. Entrepreneurship development phases
10. Unscript Hackathon 2k20 and Unscript Rookie's Hackathon 2k20- Android App Development by Mozilla
11. Identifying intellectual components at the early stages of innovation
12. Session on Process of Innovation Development
13. Orientation Session on National Innovation and Startup Policy (NISP) by **Prof. Swati Ringe**
14. Idea Competition with **E-Cell**
15. Toycathon - MIC event
16. Mentoring Session for Future Innovators -Student Entrepreneurs of CRCE
17. Bootcamp Digital Marketing
18. Cresendo-Project Competition a Step Towards Innovation, Mechathon, Hackathon

Events Organized Councils- IIC - FRCRCE

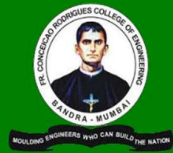
Prof. Kranti wagle, Prof. Ashwini Pansare, Prof. Swati Ringe



17. workshop on Business Model Canvas (BMC) by **Prof. Hitendra Vaishnav**
18. Internship Expo – TEDX CRCE
19. Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs
20. Session on innovation and Startup Ecosystem by Network Enabler
21. Orientation session for everyone during FE induction by Innovation Ambassador **Prof. Swati Ringe**
22. Session on “Lean Start-up & Minimum Viable Product/Business”- Mentoring Session
23. Session on Prototype Validation - Converting Prototyper into a Startup.
24. Workshop on Intellectual Property Rights (IPRs) and IP management for start up
25. Interactive Session/Mentoring Session with "Successful Start-up founders" (Entrepreneurs in Campus)
26. Session on “How to plan for Start-up and legal & Ethical Steps” by **Prof. Swati Ringe**
27. Workshop on Prototype/Process Design and Development – Prototyping
28. Business Modelling and Plan Development
29. Journey- Innovative Project to Product
30. My Story-Landing A Dream Job and Living a Startup Dream
31. Generation of Minimum Viable Product by **Prof. Saurabh Kulkarni**
32. Concept of Startup Ecosystem by **Prof. Heena Pendhari**
33. Concept of branding and promotion for startups by **Prof. Sangeeta Parshionkar**
34. A perfect Pitch Deck Presentation by **Prof. Vaibhav Godbole.**
35. Activities for improvement of creativity by **Prof. Roshni Padte**

Events Organized - Councils

Mozilla Club : Prof. Mahendra Mehra



Fr. Conceicao Rodrigues College of Engineering
Presents
FR. CONCEICAO RODRIGUES MEMORIAL HACKATHON
UNSCRIPT 2K20
21st and 22nd November 2020
Cash Prizes worth 60k+
24hrs Event
4 members per Team
WEB/MOBILE APPS BLOCKCHAIN MACHINE LEARNING
Free Entry
#unscript2k20 #frcrce #codelabscrce #mozillacampusclub
Devfolio SYBGEN DERMALOG The Drouled Store TCS TATA CONSULTANCY SERVICES

EventName: Unskript2K20 Mixed Hackathon
Date: 21st -22nd Nov 2020
Description: Judges and Mentors from Industry

Fr. Conceicao Rodrigues College of Engineering
MOZILLA CAMPUS CLUB CRCE PRESENTS
Webinar : **ROADMAP TO BECOME A CYBERSECURITY SPECIALIST**
Date : 27th March, 2021
Time : 4:00 pm to 5:00 pm
Platform : Google Meet
Mr. Rohit Date
Cyber Security Associate at BDO in India
Alumni of Fr. CRCE
For further Queries Contact:
Sahaana : +91 9987752158
Vedaant : +91 9511246039

Event Name: Roadmap to Cyber Security
Date: 27th March 2021
Description: Mr. Rohit Date, Cyber Security Association at BDO, India

Fr. Conceicao Rodrigues College of Engineering
MOZILLA CAMPUS CLUB CRCE PRESENTS
Webinar :
How to prepare for AWS Certification
Lessons from the field
Mr. Pranit Rajee
Alumni of Fr.CRCE,
Cloud Support Engineer - I
(Deployment) at Amazon Web Services
Day: Saturday, 31st October 2020
Time: 3:00pm to 4:00pm
Platform: Google Meet
For further Queries Contact:
Sahaana : +91 9987752158
Vedaant : +91 9511246039
Register here

Event Name: How to prepare for AWS Certification
Date: 31st October 2020
Description: Mr. Pranit Rajee, Cloud Support Engineer, AWS

Fr. Conceicao Rodrigues College of Engineering
MOZILLA CAMPUS CLUB CRCE PRESENTS
Webinar :
DESIGN VALIDATION
SPECIFICALLY USING DOUBLE DIAMOND APPROACH
Date : 5th December, 2020
Time : 2:00 to 3:00 pm
Platform : Google Meet
Mr. Ismail Akbani
Faculty at Symbiosis Institute of Technology
Design Thinking Master Practitioner
Innovation Researcher
For further Queries Contact:
Sahaana : +91 9987752158
Vedaant : +91 9511246039

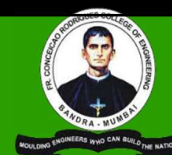
Event Name: Design Validation Using Double Diamond Approach
Date: 5th Dec 2020
Description: Mr. Ismail Akbani, Faculty at Symbiosis Institute of Technology.

Fr. Conceicao Rodrigues College of Engineering
MOZILLA CAMPUS CLUB CRCE PRESENTS
Webinar :
Prototype Validation
Converting Prototype into Startup
Date : 10th April, 2021
Time : 4:00 pm to 5:00 pm
Platform : Google Meet
Speaker : Mr. Rudragouda Patil
Assistant Professor | Entrepreneur Educator at MIT
Academy of Engineering, Alandi
For further Queries Contact:
Sahaana : +91 9987752158
Vedaant : +91 9511246039

Event Name: Prototype Validation
Date: 10th April 2021
Description: Mr. Rudragouda Patil Assistant Professor, Entrepreneur Educator at MIT

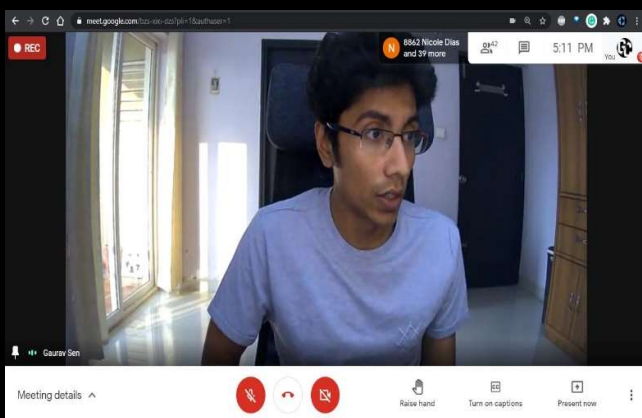
Events Organized - Councils

CSI : Prof. Ashwini Pansare



EventName: Prototype/Process Design & development
Date: 10th April 2021

Description: The workshop was conducted by Mr. Amit Lokhande, IIC innovation Ambassador, DBT_BIRAC research fellow, CS NRF national research BARTI, PHD Tech pharmaceuticals ICT.



EventName: My story: Landing a dream job and Living a start up dream

Date: 7th April 2021

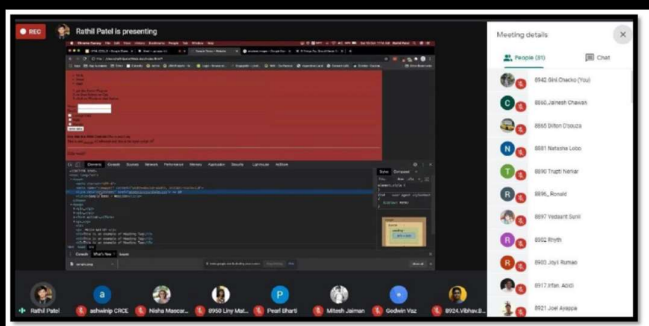
Description: Mr. Gaurav Sen, Founder of Interview Ready, Former SE at UBER, Former Platform Engineer at Directi



Event Name: My story-Motivational Session for succesful Innovators

Date: 28th Nov 2020

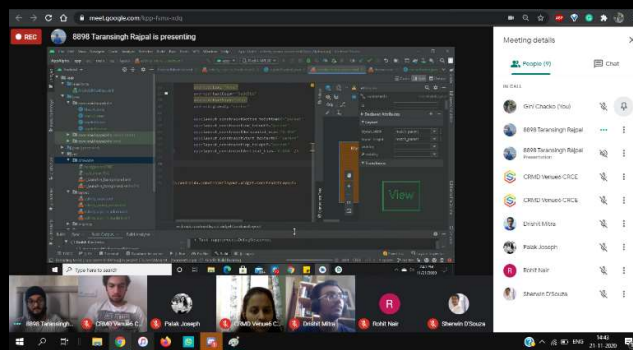
Description: Ms. Vandana Thakur, Co-founder WENN, IIC Innovation Ambassador, PHD Scholar Meerut Institute of Engineering



EventName: Web development Boot camp

Date: 10th Oct 2020

Description: Mr. Rathil Patel, Solution Engineer at Browserstack



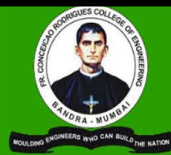
EventName: Unskript 2K20 Rookies hackathon

Date: 21st - 22nd Nov 2020

Description: Judges from industries

Events Organized - Councils

CodeLabs : Prof. Roshni Padte



Event Name: How to start with Data Science
Date: 26th Sept 2020

Description: Krish Naik, YouTuber and Co-Founder of iNeuronai

Event Name: AlgoHolic 1.0
Date: 11th Oct 2020

Event Name: Object Oriented Programming in Coding Interviews
Date: 25th Oct 2020
Description: Akash Palghadmal, Analytical Development Analyst at MSCI Inc. and Princeton Baretto, student at Fr. CRCE

Event Name: UNSCRIPT 2K20 Mixed Hackathon
Date: 21st - 22nd Nov 2020
Description: Judges and Mentors from Industry

Events Organized - Councils

CodeLabs : Prof. Roshni Padte



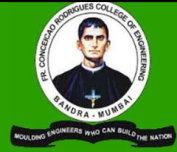
Event Name: Design Thinking, Critical Thinking and Innovation Design
Date: 29th Nov 2020
Description: Edwin Clement, Software Engineer at BrowserStack

Event Name: Competitive Coding and Placement Preparation
Date: 21st Feb 2021
Description: Mamta Kumari, Co-Founder of PrepBytes

Event Name: How to Plan for Startup's Ethical and Legal Steps
Date: 28th April 2021
Description: Prof. Swati Ringe, Dept. of Computer Engineering, Innovation Ambassador, NISP Coordinator, IIC Member

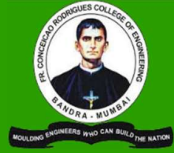
Event Name: Alcoholic 2.0
Date: 2nd May 2021

Publications



Title of the Paper	Authors (Faculty/Students)	Conference/Journal
Comparative Analysis of Fake News Detection using Machine Learning and Deep Learning Techniques	Prof. Merly Thomas, Nerissa Pereira, Simran Dabreo, Linnet Rodrigues	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.7, Issue 4, page no.1379-1385, April-2020, http://www.jetir.org/papers/JETIR2004387.pdf
Analysis of Semantic and Stylistic Image Generation	Prof. Merly Thomas, Kenrick Fernandes, Jerome Nicholas	International Journal of Emerging Technologies and Innovative Research (www.jetir.org UGC and issn Approved), ISSN:2349-5162, Vol.7, Issue 5, page no. pp632-641, May-2020, http://www.jetir.org/papers/JETIR2005230.pdf
IoT Based Smart Traffic System	Prof. Sujata Deshmukh, Chinmay Gaonkar, Prerna Pallan, Sumedh Bhatkar	IIIE journal, under Process
A Mobile Application for Detection and Classification of facial acne	Prof. Roshni Padate ,Hazel Lobo, Shreya Raut, Renita Augustin	Alochana Chakra Journal Volume IX, Issue VI, June 2020, ISSN NO: 2231-3990, Scientific Journal Impact Factor -6.3
Fire Detection System Using Convolutional Neural Network	Prof. Roshni Padate , Dhananjay Chobhe ,Davina Pinto	Alochana Chakra Journal ,Volume IX, Issue XII, June 2020, ISSN NO: 2231-3990. Scientific Journal Impact Factor -6.3
Teaching pre-schoolers using VQA : A Web app that answers natural language questions.	Prof. Swati Ringe, Sharwari Marathe, Rajesh Manjrekar, Raksha Shetty	Zeichen Journal -September 2020, Vol 6, Issue 9
Drone Delivery-Application and Path Optimization	Prof. Swati Ringe ,Vedant Sakhardande, Cajetan Rodrigues, Atharva Atre	Alochana Chakra Journal , September 2020, Vol 9, Issue 9
Categorization of diabetic retinopathy and identification of characteristics to assist effective diagnosis	Prof. Ashwini Pansare, Simran Gadkari, Jnnell Mathians , Merlin P	Third IEEE international conference on " Emerging smart computing nad informatics" on 5th-7 th March 2021
A Detection, Tracking and Alerting System for Covid-19 using Geo-Fencing and Machine Learning	Prof. Dipali Koshti, Kevin Cheruthuruthy, Surya Pratap Shahi, Mayank Mishra	IEEE Sponsored 5th International Conference on Intelligent Computing and Control Systems (ICICCS-21), May 6-8- 2021, organized by Vaigai College of engineering, Madurai, India.
Smart Street lamps A solution to Urban Pollution	Prof. Supriya Kamoji , Dipali Koshti , Joshua Noronha	2nd International Conference on Inventive Research in Computing Applications (ICIRCA) 2020 organized by RVS college of Engineering and Technology , Coimbatore, India, on 15-17 , July 2020
Virtual assistance using question generation/ Answering	Prof. Supriya Kamoji, Carol Sebastian, Princeton Baretto, Sherwin Pillai	4th IEEE Sponsored International Conference on Communication, Information and Computing Technology (ICICT 2021), June 25-27-2021, Organised by SPIT Mumbai, India

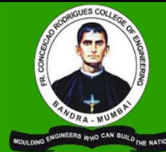
Publications and Faculty Contributions



Title of the Paper	Authors (Faculty/Students)	Conference/Journal
Selection of optimal cricket team based on the players performance	Prof. Monali Shetty, Sankalp Rane	IEEE XPLORE ISBN:978-1-7281-5371-1, International Conference on Communication and Electronics Systems 2020 -July 2020
Blockchain and AI in Pharmaceutical Supply Chain	Prof. Monali Shetty, Sherwyn Dsouza, Darlene Nazareth, Cassia Vaz	Springer SSRN , International Conference on Smart Data Intelligence ICSMDI 2021
Leveraging Deep Learning for Nail Disease Diagnostic	Prof. Mahendra Mehra, Steve D'Costa, Ryan D'Mello, Joseph George and Dr. D.R. Kalbande	4th Biennial International Conference on Nascent Technologies in Engineering, IEEE Conference (Scopus indexed) , Jan 2021
College Project Preservation and Emulation using Containerization over Private Cloud	Prof. Mahendra Mehra, Ajani Yameen, Mangalorkar Krish, Nadar Yohann and Kalbande Dhananjay	Fifth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS DEC 2020) Springer LNNS. ISBN Number - 2367-3370 Series
Leveraging Deep Learning and IoT for monitoring COVID19 Safety Guidelines within College Campus.	Prof. Mahendra Mehra , Sahai Vedant , D'Costa Jason , Srivastava Mayank and Dr. Kalbande Dhananjay	10th International Advance Computing Conference (IACC 2020) Springer CCIS

Faculty Name	Other contribution
Dr. Sujata Deshmukh	Reviewer for International conference ICAST2021
	Judge for Software Project Competition Crescendo 2021, FRCRCE
	Ph.D. Evaluator Sri Satya Sai University of Technology & Medical Sciences, Sehore (M.P.)
Prof. Ashwini Pansare	Judge for Crescendo Hackathon 2021, Fr.CRCE, Bandra
Prof. Dipali Yogesh Koshti	Reviewer for International IEEE Conference ICCICT-2021
	Judge for Crescendo Hackathon 2021, Fr.CRCE, Bandra
	Judge for 6th National Level Project Showcase - "Vidavardhini's National Project Showcase (VNPS) 2021" on 14th May 2021.
Prof. Monali Shetty	Judge for Crescendo Hackathon 2021, Fr.CRCE, Bandra
Prof. Mahendra Mehra	Member Board of Studies for Information Technology Stream at Bhavans college (Autonomous)
	Guest lecture on cloud for manufacturing at ANNA UNIVERSITY, MIT CAMPUS CHENNAI, 23rd September 2020
	Resource Person for Webinar on Arp Poisoning Attacks and Its Countermeasures held at St. Francis College of Engg, 23RD NOVEMBER 2020
	Judge for Synergy Hackathon 2021, Fr.CRCE, Bandra
	Judge For Technical hackathon Hackstomp 2021, UCOE, Naigaon

Faculty Achievements



BOOKS – CERTIFICATIONS – SPEAKERS

Institution's Innovation Council
Cordially invites to join a session on
**HOW TO PLAN FOR STARTUPS-
LEGAL AND ETHICAL STEPS**

RESOURCE PERSON
Ms. Swati Ringe
Assistant Professor
Department of Computer Engineering
Fr. Conceicao Rodrigues College of Engineering
Bandra West, Mumbai

June 12, 2021 - 11:00 AM

To join the meeting, Click
<https://meet.google.com/yjd-csqc-axx>

Co-ordinator: Mr. S. Gokulnathan, Assistant Professor
Convenor: Dr. K. Harikrishnan, IIC Coordinator
Patron: Dr. N. Muthumani, Principal

New Edition
MU

Strictly as per the New Revised Syllabus (REV-2019 'C' Scheme) of Mumbai University w.e.f. academic year 2020-21 (As per Choice Based Credit and Grading System)

Computer Network and Network Design

Semester IV - Information Technology (Code : ITC402)

Same Subject, Same Authors with New Publication
J. S. Katre **Monali Shetty**

Includes:
● Solved University Question Papers Upto Dec. 2019.

TechKnowledge Publications

DEVOPS BOOTCAMP

Arup Vithal
Mahendra Mehra

SYBGEN Learning

This is to certify that
Prof. Swati Ringe
of
Fr. Conceicao Rodrigues College of Engineering, Bandra, Maharashtra
has successfully completed Innovation Ambassador Training conducted by MoE's Innovation Cell & AICTE, New Delhi.

Prof. Anil D. Sahasrabudhe, Chairman, AICTE
Dr. Akhay Jee, CHO, MoE's, Innovation Cell

Certificate No - 1753 Validity: For IIC 3.0 Calendar Year Date of Issue: 16-02-2021

Thadomal Shahani Engineering College
TPS III, P. G. Kher Marg, Bandra (w)

E- Certificate of Appreciation

This certificate is presented to **Prof. Sunil Dilip Chaudhari** from **Fr. Conceicao Rodrigues College of Engineering, Bandra** to acknowledge his valuable contribution as a resource person for the topic "**Server side Programming using Servlet and JSP**" in one week online National level STTP on "Programming in JAVA", organized by Computer Engineering Department, Thadomal Shahani Engineering College, Bandra, Mumbai, from 13th-18th July 2020.

Ms. Manisha Dumbre, Coordinator
Ms. Juhi Ganwani, Coordinator
Dr. Tanuja Sarode, Co-convenor
Dr. G. T. Thampi, Convenor

3rd IEEE INTERNATIONAL CONFERENCE
on
Emerging Smart Computing & Informatics (IEEE-ESCI 2021)
29 - 30 March 2021
Technically Co-Sponsored by IEEE

Organized by
All India Shri Shree Sri Memorial Society's
INSTITUTE OF INFORMATION TECHNOLOGY
Kamori Road, New BTD, Pune - 411001, Maharashtra, India

Certificate of Appreciation

Best paper of the Session

This is to certify that **Dr. Prof. Monali Shetty** of **Fr. Conceicao Rodrigues College of Engineering, Mumbai** has presented **Best Paper of the Session** in 3rd IEEE International Conference on Emerging Smart Computing and Informatics (IEEE-ESCI 2021) during 29 - 30 March 2021. He/She presented a technical paper titled **Integration of DevOps, Kubernetes and Kubernetes in Cloud Native Architecture**.

Dr. V. K. Bhatnagar, Technical Programme Chair
Dr. P. G. Maiti, General Chair

AIT SIRG MCAET

SYBGEN
Certifying Cyber Generation

CERTIFICATE OF EXCELLENCE

THIS CERTIFICATE IS AWARDED TO

Mahendra Mehra

On successful passing of Exam **SG_317**
SYBGEN **DevOps** Boot Camp

27-May-2021 3 Years 4106390
Date Valid Upto Certificate Number SG-CQAC Chair

Prof. Anil D. Sahasrabudhe, Chairman, AICTE
Dr. Akhay Jee, CHO, MoE's, Innovation Cell

Certificate No - 1840 Validity: For IIC 3.0 Calendar Year Date of Issue: 16-02-2021

SYBGEN
Certifying Cyber Generation

CERTIFICATE OF EXCELLENCE

THIS CERTIFICATE IS AWARDED TO

Mahendra Mehra

On successful passing of Exam **SG_309**
SYBGEN **Blockchain** Boot Camp

22-Dec-2020 3 Years 3632197
Date Valid Upto Certificate Number SG-CQAC Chair

Prof. Anil D. Sahasrabudhe, Chairman, AICTE
Dr. Akhay Jee, CHO, MoE's, Innovation Cell

Certificate No - 1840 Validity: For IIC 3.0 Calendar Year Date of Issue: 16-02-2021

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CERTIFICATE OF EXCELLENCE

THIS CERTIFICATE IS AWARDED TO

Mahendra Mehra

On successful passing of Exam **SG_317**
SYBGEN **DevOps** Boot Camp

27-May-2021 3 Years 4106390
Date Valid Upto Certificate Number SG-CQAC Chair

Prof. Anil D. Sahasrabudhe, Chairman, AICTE
Dr. Akhay Jee, CHO, MoE's, Innovation Cell

Certificate No - 1840 Validity: For IIC 3.0 Calendar Year Date of Issue: 16-02-2021

FDP/STTP/Events Organized



FDP on "ESSENTIALS OF LINUX ADMINISTRATION"

16th -17th April 2021

INVITED SPEAKERS



LinkedIn

Prof. Mahendra Mehra
Ph.D Scholar,
Assistant Professor, Computer Engg
Certified Linux Trainer
CRCE, Mumbai



LinkedIn

Mr. Paresh Chalke
Sr. DevOps Engineer
Disney Streaming Services
Stockport, England, United Kingdom



LinkedIn

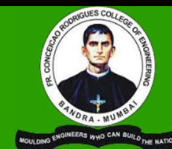
Dr. Gautam M. Borkar
Associate Professor, CSE Dept
RAIT, Mumbai
RHEL Certified professional, CCNA certified
and DevNet Certified

Workshop on "Ethereum Powered DAPP Deployment in Blockchain Technology"- Department of Computer Engineering of Fr. Conceicao Rodrigues College of Engineering organized **National Level Faculty and student Development** online Program on "Ethereum Powered DAPP Deployment in Blockchain Technology", in association with "Programming fiesta" from 27-31 May 2020. As this was a paid workshop during lockdown period, 27 participants all over India participated and gained a holistic understanding with the certification from programming Fiesta and Fr.CRCE.

FDP on "Disruptive Technologies of Industry 4.0"- Department of Computer Engineering of Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, organized online a five days' workshop on Disruptive Technologies of Industry 4.0 from 30th May to 3rd June, 2020.

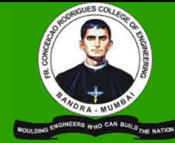
Student Development Program on "Grooming for Placements By Industry Experts"- Department of Computer Engineering of Fr. Conceicao Rodrigues College of Engineering in collaboration with Placement Cell organized a first ever online five days Student Development program on "Grooming for placements by Industry Experts" from 24th to 28th May, 2020. The objective of the program was to groom upcoming batches of students from all branches of our college to be job ready for placements in IT/Software and other core industries. The program received an overwhelming response of **428** participants from all branches of First year to final year students.

FDP-STTP Attended



Faculty Name	Title of the FDP/STTP/Workshop
Prof. Merly Thomas	IIC Online Sessions (17 days) conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi
	Online Workshop On ML & AI Using Covid-19 Virus Data Analysis
	Ethnus AWS Discovery Day
	Webinar on "Research Paper writing AND INTELLECTUAL Property Rights "
Dr. Sujata Deshmukh	Workshop-Hand on Robotic Process Automatic-RPA
	Workshop Hands on Blockchain
	STTP-MATLAB based Teaching-Learning in Mathematics, Science & Engineering
	STTP -In and out of project planning and development
	STTP -Improving Teaching Learning Experience using Best Practices
	STTP -Recent Trends In Data Science And Information Security
	STTP -Security Issues & Role of Cryptography in Communication
	Course-Block-chain Basics-FDP (4 weeks)
	Course- AI for everyone-FDP (4 week)
	STTP - Research Areas in Technologies For Societal and Rural Development
	National Level Program on 'Reforms in Technical Education: Perspective of NEP
Prof. Roshni Padate	STTP on "Recent Trends and Applications of Machine Learning and Deep Learning in IT"
	STTP on "Statistical Analysis in SPSS Software"
	STTP on " Advanced Research Methodology"
	FDP on "DATA SCIENCE"
	FDP on "Disruptive Technologies of Industry 4.0"
	FDP on "Ethereum powered DAAP deployment in blockchain technology"
Prof. Swati Ringe	STTP on Renewable Energy and Utilization
	Leadership talk with Dr. Pramod Chaudhari Founder Chairman Praj Industries and Dr. Abhya Jere Chief innovation officer MHRD Innovation Cell
	1 day national workshop on Blockchain Technology
	Webinar on star certified Dev Ops Expert 2.0
	IIC Online FDP on Innovation, Entrepreneurship and Startups
	Webinar Role of Industry 4.0 in business operations
	FDP on Outcome Based Education Software.
	2 days FDP in series of Emerging areas of technologies- "Augmented Reality" and "Recent trends in Autonomous Robots"
	1 day FDP Libraries and Tools for Machine Learning
	3 days webinar series on "Entrepreneurship webinar series"
	NISP orientation session and formulation of ICT I&S policy
	Webinar How to plan for start-up legal and ethical steps.
	Course-Programming for everybody (Getting started with Python)
Webinar Changing mindset in changing times	

FDP-STTP Attended



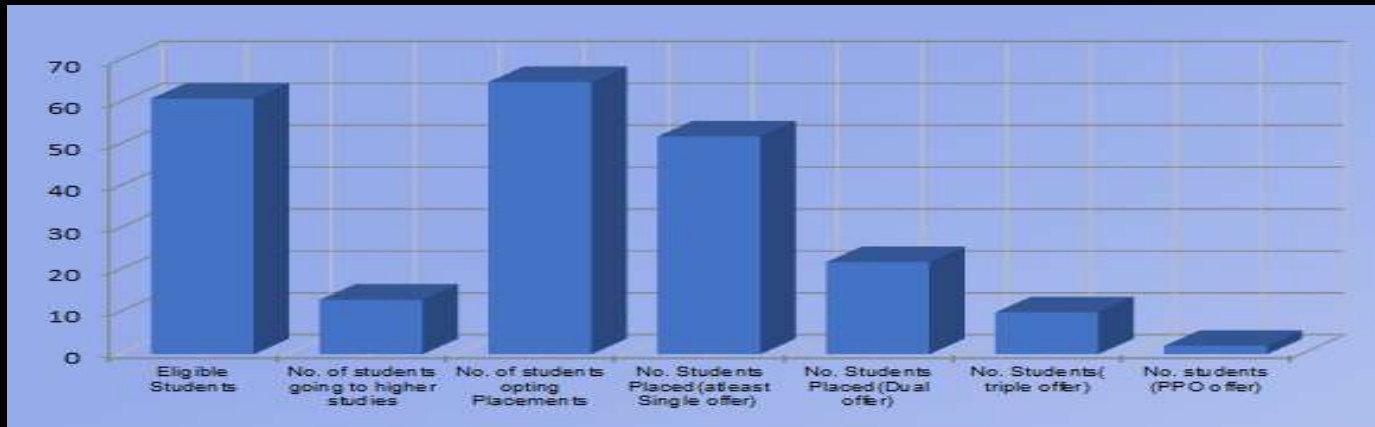
Faculty Name	Title of the FDP/STTP/Workshop
Prof. Kalpana Deorukhkar	STTP on "Research Methodology"
	STTP on Blockchain Technology
Prof. Ashwini Pansare	STTP on "Data Science" organized by Fr.CRCE, IT department
	Webinar series on "Machine Learning and Artificial Intelligence" SPIT, IEEE Bombay and IEEE-WIE
	Webinar on docker By Lokmanya Tilak COE
	webinar on "Teaching Tools and Tips" by Bennett University
	Coursera course on "Neural network and deep learning"
	Webinar series on "Machine Learning and Artificial Intelligence"
Prof. Dipali Koshti	Workshop on "Research Funding Projects and IPR"
	Workshop on "Aurdiuno"
	STTP Security Issues and Role of Cryptography in Communication
	STTP Experimental Design and Optimization of Research in Machine Learning
	Coursera - Convolution Neural Networks, Neural Network and Deep Learning, Data Science using Python, Improving Deep Neural Networks, Structuring Machine Learning Projects
Prof. Supriya Shivanath Kamoji	Workshop on "Aurdiuno"
	Workshop on "Research Funding Projects and IPR"
	Webinar on "New age tools for teaching Online" by Academisthan
	STTP Experimental Design and Optimization of Research in Machine Learning
	STTP Security Issues and Role of Cryptography in Communication
	Coursera - Convolution Neural Networks, Neural Network, Structuring ML Projects, Neural Network and Deep Learning, Data Science using Python, Capstone: Retrieving, Processing, and Visualizing Data with Python, Convolution Neural Networks
	NPTEL certification on "Compiler Construction"
Prof. Monali Shetty	FDP on "Innovative Trends in Engineering and Technology"
	STTP on "Recent Trends in Data Science and Information Security"
	FDP on "Data Science", FDP on "Data Science using R Programming"
	FDP on "Disruptive Technologies of Industry 4.0"
	FDP Research, Funding Projects and IPR (3 days)
	FDP IT and IPR 2020 (4 days)
	FDP Blockchain Technology (1 day), FDP AWS Builders Online Series (1 day)
	NPTEL Certification on "Operating System"
	Coursera - The Data Scientist's Toolbox" Johns Hopkins University
	Hands-on workshop on "Dart Programming Language"
	5-day National Level Hands-on workshop on "Machine Learning with Web Development"
	IEEE Webinar on "Data Cleaning Services using Machine Learning Algorithms"
	5-days FDP on "Cloud Computing with AWS"
	STTP on "MATLAB and MATHEMATICA for Scientific Research",
	NPTEL Course "Data Science for Engineers"

FDP-STTP Attended



Faculty Name	Title of the FDP/STTP/Workshop
Prof. Sunil Chaudhari	NPTEL - Introduction to Blockchain Technology and Applications
	1 week FDP on " Disruptive Technologies of Industry 4.0"
	1 week FDP on "Data Science".
	Workshop on Docker Container
	FDP on Blockchain Demystified (1 day)
	Workshop On Physical and Psychological Health
	Google Cloud Platform Fundamentals: Core Infrastructure (1 week)
	Essential Google Cloud Infrastructure: Foundation (2 weeks)
	AWS Fundamentals: Going Cloud-Native (5 weeks)
	AWS Fundamentals: Addressing Security Risk (1 week)
	Cyber Security and Ethical Hacking (1 week)
	STTP on "Programming in JAVA"
	Google Cloud Computing Foundations (8 weeks)
	Reliable Google Cloud Infrastructure: Design and Process (2 weeks)
	Elastic Google Cloud Infrastructure: Scaling and Automation (2 weeks)
	Essential Google Cloud Infrastructure: Core Services (2 weeks)
Coursera - Create Your First Application with Java Using Networking	
Prof. Mahendra Mehra	R PROGRAMMING: Spoken Tutorial by IIT Mumbai (1 week)
	4-Day Webinar on Blockchain Technologies For Smart Contracts" By Tsec, Bandra
	One Week FDP on "Recent Trends & Innovations In Digital Forensic" At Aissms Pune
	5 Days FDP on Artificial Intelligence By Ucoe Naigaon
	NPTEL - Ethical hacking
	Certification - Certified Ethical hacking Expert Trainer
	Certification -Autopsy Basics And Hands-On
	STTP on Leveraging Artificial Intelligence and Data Analytics for Healthcare"
	One Week FDP on Emerging Technologies: Rhcsa & Azure
	STTP on "Programming in JAVA"(1 week)
	Coursera - Introduction to HTML5 (4 weeks)
	Certification - Blockchain Certified Trainer
	Coursera - Blockchain Basics , Smart Contracts
	Coursera - Build local environment using docker containers
	Coursera - Introduction To Docker Build Your Own Portfolio Site
	Coursera -Introduction To Docker The Basics
Coursera -AWS : Publish A Nodejs Website From Scratch	
Coursera -Creating An AWS EC2 Autoscaling Group Using Load Balancer	

Students Placements

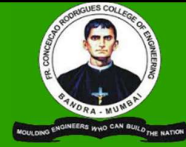


MAJOR COMPANIES

NAME OF THE STUDENT	OFFERS
KOSHY SELA GRACE	Argon & CO
AHIRRAO ABHISHEK	Oracle / Quantiphi / Accenture
BAGRECHA PRANAY	Capgemini / Dolat Capital
BARBOZA DEVIN	Quantiphi
BARETTO PRINCETON	Interactive Brokers (IB)
BASU AMURTO	TIAA
CAROL SEBASTIAN	Capgemini / Dolat Capital / TIAA
CHERUTHURUTHY KEVIN RUFFIN	Jaro Education / Oracle
CHOWDHURY PRATIK	Dolat Capital / Accenture
CORREA ARIANE JEAN	Oracle / TCS Nija
DMELLO PRINCE ALEX	Cognizant
DSA MARIO PHILIP	Quantiphi / TCS Ninja
DSOUZA ELVIS EDWIN	Capgemini / UBS
DSOUZA SHERWYN	Xoriant Technologies / TIAA
DSOUZA SIMRAN JOHN	Capgemini / Accenture
DSOUZA SUSAN	Neeble
EMMIMA GNANARAJ	Capgemini / TCS / Tata Power
SAMUEL DAVIS	Quantiphi
SETHI DEEPANSHU	Capgemini
SHAHI SURYA	Capgemini / accenture
SHAIKH KHALID	TCS Digital
SHETTY KAUSTUBH	TCS Ninja
SRIVASTAVA MAYANK	Xoriant Technologies / Quantiphi
SUSMITA MATHEW	Xoriant Technologies / Quantiphi/ Accenture
THARAYIL ALBIN JIMMY	Capgemini/ TIAA
TRIVEDI HARDIK PRAKASH	CyberInc
VAZ CASSIA HILARY	UBS(PPO) / Accenture

NAME OF THE STUDENT	OFFERS
FERNANDES CALISTA	Oracle
GUPTA RIYA	Accenture
KULKARNI SARVESH	TCS Ninja / Cognizant
KUNDER MOHIT SATISH	Capgemini / Accenture
LOPES REYNOLD JAMES	Capgemini
MENEZES LEESA ROBIN	Jaro Education / Oracle / TCS Ninja
MISHRA MAYANK	Xoriant Technologies / Accenture
MISHRA SHAILESHKUMAR	Reliance Jio / Qunatiphi
MISHRA SHUBHAM	GEP / Quantiphi
MULAKKAL ANUP JOSEPH	Xoriant Technologies / Quantiphi
NAZARETH DARLENE	Capgemini / Quantiphi / TCS Digital
NORONHA SANFER	Capgemini /Quantiphi /
OZA DISHANK KAILASH	Xoriant Technologies/ TCS Ninja / Accenture
PILLAI SHERWIN	Quantiphi
RACHEL JOSE	Xoriant Technologies / TIAA / Accenture
REGO BENITA BRIAN	Capgemini / Higher studies / Admit letter
REGO NOLITA BRIAN	Capgemini / Higher studies / Admit letter
MALE MEHEK BHUPESH	UBS(PPO)
PEREIRA CLEONA	TCS Ninja
REYNA BINNY	Capgemini / Accenture
GUPTA SAHIL KRISHNA	Oracle/ Quantiphi / UBS
KUDEL ALRICH AGNEL	Capgemini
BAHETI AMAN ANAND	Capgemini
YADAV NAGENDRA	Xoriant Technologies / Accenture / Cognizant
YADAV ALOK KUMAR	Sciative Solutions/ TCS Ninja

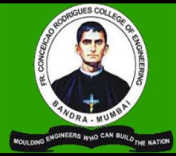
Internships - BE (Comps)



Student Name	Company Name
Princeton Baretto	PAICA
Sanfer Noronha	Meraaki Learning
Cassia Vaz	UBS
Devin Barboza	Shaju Varghese Counselling
Leesa Menezes	KYC Hub
Sherwyn D'souza	Dot Syndicate
	Naaniz Seller Services Pvt. Ltd
	Fr. C.R.C.E.
	Kasakai Mumbai
Darlene Nazareth	KYC Hub
	Naaniz Seller Services Pvt. Ltd
	Fr. C.R.C.E.
	Kasakai Mumbai
Riya Gupta	Hindustan Unilever limited
	KYC Hub
	Cloud counselage
Emmima Gnanaraj	KYC Hub
Hardik Trivedi	Sankshit PVT. LTD.
Benita Rego	Stack Nation
Pratik Chowdhury	Quickwork
Nolita Rego	F Salon Academy (FTV)

Student Name	Company Name
Mehek Male	UBS Business Solutions Pvt Ltd
	Linckup Pvt Ltd
	Fr. C.R.C.E.
Kevlyn Kadamala	Meraaki Learning
	Dew Solutions
Simran Dsouza	RevoluX Solutions
	KYC Hub
Khalid Shaikh	UV Robots
Elita Menezes	KYC Hub
	Dew Solutions
Amurto Basu	DotSyndicate
Mario D'sa	Mindstorm
Anup Joseph	Olcademy
	Omdena
	World Resources Institute
Vedant Sahai	Sync Energy
Dishank oza	Cloud counselage
Abhishek Ahirrao	Felis leo ventures
Aditya Khajuria	Cloud Counselage

Internships - TE (Comps)



Student Name	Company Name
NISHA NITIN MASCARENHAS	GRISHMA HEALTH FOODS PVT. LTD.
Mario Dias	Bennet University
Mario Dias	Kindness Unlimited
Divita Phadakale	Jankalyan Multipurpose Education Society
Hansie Aloj	Kindness Unlimited
Vinayak Mishra	Wowrooms Hospitality
Mayur Agarwal	Wowrooms Hospitality
Novia Dsilva	Sparks Foundation
Nitin Chaube	Backferim Technologies
Suryansh Purohit	SheltOwn
Sahaana Iyer	Jio Platforms Limited
Joshua Godinho	Wowrooms Hospitality
Carol Mendonca	Save the Paws
Simran Biswas	Cppsecrets Technologies
Simran Biswas	The Sparks Foundation
Shreya Bilonikar	Gusto Valley Technovations
Sheetal Sharma	Gusto Valley Technovations
Praditi Rede	Fictional Book Club
Parth Rabindu Shah	Annadhan Welfare Foundation
Swini Rodrigues	code science technologies
Karishma Potdukhe	Nouveaucomm Networks
Justin Nadar	Annadhan Welfare Foundation

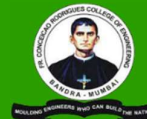
Student Name	Company Name
Aniruddha Chaudhari	Annadhan Welfare Foundation
Sakshi Ghadigaonkar	MyKnot Services OPC Private Limited
Rolwyn Raju	The Sparks Foundation
Arpan Sadhu	The Sparks Foundation
Gladden Rumao	The Sparks Foundation
Gladden Rumao	Cloud Counselage Pvt. Ltd.
Lyndon Hodges	Science Utsav
Nijo Ninan	Kindness Unlimited
Calvin Nunes	Sitel Group India
Raj Colaco	Cuemath
Raj Colaco	Trioteachers
Raj Colaco	Sanicon
Raj Colaco	Eureka
Tijo Thomas	The Sparks Foundation
Nicola Mascarenhas	Skyquest
princely Lopes	The Sparks Foundation
Ayush Tomar	QuadBtech
Sudheer Tripathi	Perform Digital Pvt Ltd
Sudheer Tripathi	Grishma Health Food Pvt Ltd
Nash dodti	I Love Cakes Pvt Lmt
Nash dodti	The dapper Label

Internships - SE (Comps)



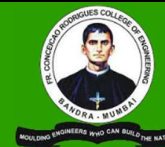
Student Name	Company Name	Student Name	Company Name
Syed Irfan Amjad Abidi	Handout Foundation Google Digital Unlocked Coursera Courses JP Morgan Chase & Co. Admere Selvyn Private Limited	Seniya Tuscano	JP Morgan Chase & Co. Prayaas Corps Commondove Coursera courses
Pearl Bharti	Dentistchannel Online	Akshat Nayak	Coursera course Complete C# Unity Game Developer 3D
Yash Deshmukh	Udemy Course KPMG JP Morgan Chase & Co. Coursera Courses Grishma Health Foods Pvt Ltd. Svartz Technology Solutions	Vibhav Bollavathri	Coursera Course
Jesica D'souza	Kalam Center JP Morgan Chase & Co. Prayaas Corps Commondove Coursera Courses	Dhananjay Nair	Coursera courses JP Morgan Chase & Co.
Dan Fernandes	Coursera Courses	Gini Chacko	Coursera/edX Courses Content Writing [The QnA.org] Prep Junction
Abhi Gupta	Coursera Course JP Morgan Chase & Co. Blended Learning	Sachi Verma	Coursera Courses
Akshata Jadhav	coursera course (AI based)	Rincy Fernandes	Coursera Courses
Liny Mathew	Cloud Counselage Pvt. Ltd Google Analytics Course JP MorganChase&Co Vruksh Foundation	Ishaan Loomba	Coursera Courses Udemy Courses Coursera Courses Google Digital Marketing Coursera Course JP Morgan Chase & Co. KPMG JPMC
Candida Ruth Noronha	Coursera Courses Web Content Writing - CareerGuide.com Blended Learning - Graphic Designing	Mitesh Jaiman	Coursera Courses Coursera Course JP Morgan Chase & Co. Webshine Tech
Dev Prajapati	MCQdb (Social media marketing)	Kaustubh Mishra	Suven Consultants Coursera Courses Udemy Course JP Morgan Chase & Co. Deloitte SoloLearn Course
Shetty Sakshi Aruna	Cloud Counselage PVT Ltd. Commondove Google Analytics Course	Warren Fernandes	Coursera Courses JP Morgan Chase & Co. Accenture KPMG Sydney School of Entrepreneurship edX Courses Grishma Health Foods Pvt Ltd. Svartz Technology Solutions
Vivan Edward Stanislaus	Coursera Course		
Sania Tuscano	Coursera Courses TCS Career edge JP Morgan&Chase Coursera courses Iwm buzz coursera course		

Internships - SE (Comps)



Student Name	Company Name	Student Name	Company Name
Joel Ayappa	Coursera Courses	Betsy Edakkalathur	Coursera Courses
Amisha Gonsalves	Coursera Courses JP Morgan Chase & Co.	Dan Fernandes	Sarkari School(Content Writing) Verzeo
Insiya Shamshi	coursera course	Alisha Thomas Fernandes	Blended learning Commondove
Ameaza Rodrigues	Coursera Courses	Rohan Tapulli	Coursera Courses CyberFrat Sparks Foundation EdX Courses
Alan Almeida	Coursera Courses Udemy courses	Brendan Lucas	Udemy Courses e-Yantra Robotics Competition
Amrutha Sureshkumar	Coursera Courses Blended Learning		
Sven Noronha	Coursera Courses Udemy courses		
Lance Soares	CS50 HarvardX EdX Courses		
Manan Shah	couserata courses Cyberfrat Neptune plastic Raw algo Eyantra		

Teacher's Desk



The Tech Savvy Educational World

The education sector is no stranger to technology. Digital content is just the start of how educational technology is altering the landscape of the education sector. The potential of digital technologies to enhance student learning had already been well established before the outbreak.

So the obvious question is how much technology will encroach upon traditional teaching methods and conventions once we get back to normal?

No one can truly predict how much the education sector has changed for good and how much will revert back to the pre-pandemic times.

In such uncertainty, we must weigh our options and reach a balance where the comforts of an online learning platform do not take away the necessary lessons learned in a classroom setting. While it is true that distance learning is a part of the sector for the long term, these have been mainly reserved for adults who are working simultaneously. Moderate digitalizing of education can take away the problems of the classroom setting without taking away the much-needed classroom education that almost everyone who has studied in a classroom will vouch for.

In this article we objectively review both sides of the coin.

The first thing that needs mentioning is that this pandemic drove us into our homes and closer to each other. Parents are more involved in their child's life and education more since being at home. It results in the increased bonding between parents and their children. This aspect of online learning has started to appeal to people.

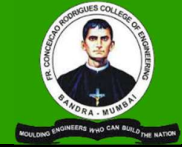
A significant change that was underway even before is replacing books with tablets/laptops in schools. This change can be viewed in 2 ways: firstly, this has taken the burden off childrens' backs, we've long seen hunched schoolchildren carrying bags as big as themselves to and from school. It has been debated how to reduce this, though a simple solution of lockers in schools solves this. The second more serious aspect is the increased screen time of children. Screen times have been increasing even without tablets or online classes, with parents introducing their children to gadgets from as early an age as one. The long-term effects of this can only be predicted and can be dire in terms of eye health, growth, and posture. If the school system increases their screen times, there will be no hope of turning back.

When we think of school, we don't remember the classes or the assignments.... we remember the P.E. classes, scraped knees, and running around during recess. These are necessary experiences in the lives of young minds, the carefree doings in the protected environment of a school that cannot be replaced with anything else in the world.



Prof. Merly Thomas

Teacher's Desk



The social environment of a school shapes children's personalities, be it getting into fights or just the simple pleasure of exchanging lunches. These experiences decide moving forward, what kind of adults we become and how we react differently. I think I speak for everyone when I say I wouldn't trade those memories for anything.

Also, the discipline of getting up on time, dressing up presentably, attending morning assemblies... will stay with us for life.

One more thing that online education cannot provide is extracurriculars or practical instruction. Children find themselves in a school playground, art classes, music periods, or some even in their textbooks and labs. These activities are essential milestones in a child's life, shaping his/her mind and steering them into their path in life. Without such exposure, they would find a school to be something they have to do between 9-3 five days a week.

But online education is not all bad...it has solved some problems in teachers' and students' lives. Take travel, for example, which not in urban places but rural areas are a significant hindrance to children attending school, more often than not causing them to drop out. In contrast, an internet connection is available practically everywhere and now at affordable prices to most households.

Online education also helps maintain continuity of course in times like these where otherwise the academic year would come to a standstill. Concepts that cannot be explained well on the blackboard can easily be explained via digital platforms and videos. The advantage of reaching larger masses of children is a big boon that could change the face of this nation.

In conclusion, I would like to say that we know the perks and downfalls of each of these methods... either one alone would provide a lacking education, and neither should replace the other. But used in conjunction to fill each other's crevices so that schooling is a more wholesome experience.

Prof. Merly Thomas
Associate Professor,
Department of Computer Engineering.

Darlene & Anup's Desk



Containers and Docker

Docker is perhaps the single most on-demand technology in the last five years. A quick look at ITjobswatch paints a very aggressively growing market for jobs particularly in cloud and cloud-native space. In this article we are going to look a bit more in detail about containers and Docker.

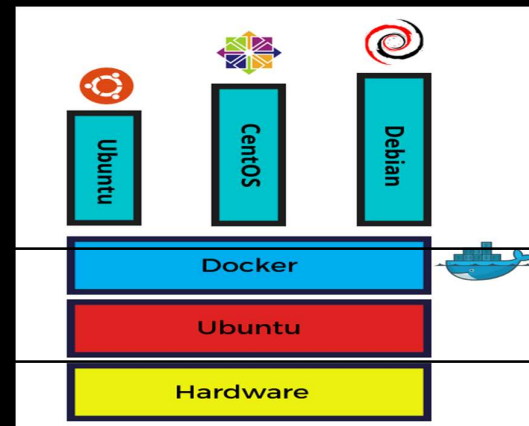
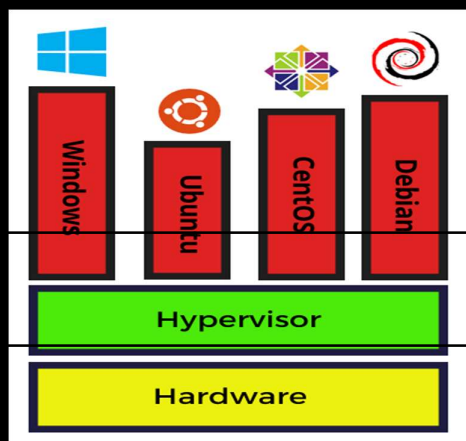
Virtual Machines

Before talking about containers we need to necessarily talk about virtual machines. According to VMware:

A **Virtual Machine** (VM) is a compute resource that uses software instead of a physical computer to run programs and deploy apps. One or more virtual “guest” machines run on a physical “host” machine.

What this means is that a virtual machine virtualizes hardware. It allocates the hardware resources to another operating system using a software layer called

Hypervisor. This is how its structured:



Why VM?

VMs are very common and their main purpose is to ensure isolation of code, to avoid conflicts in application dependencies and to ensure that application interact with each other in a controlled fashion. The problem with this approach is that a virtual machine virtual machines are bulky—each requires its own OS, so is typically gigabytes in size—and difficult to maintain and upgrade.

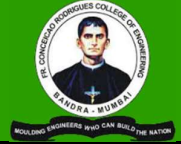


Darlene Nazareth
BE Computer



Anup Joseph
BE Computer

Darlene & Anup's Desk



Containers

Containers are a revolutionary solution to this problem. It isolates the applications in the same way as a VM but shares the underlying kernel. Containers provide a highly efficient and highly granular mechanism for combining software components into the kinds of application and service stacks needed in a modern enterprise, and for keeping those software components updated and maintained. Compared to VMs, containers are measured in megabytes, use far less resources than VMs and can be started in bulk very fast. Think of containers as a fast, isolated microcomputer running for your application. Containers are structured as in figure 1.b.

Images

An image is a frozen, read-only version of a container. It is a template for running Docker containers. A container is an image in running state.

It is made up of a collection of files which bundle together all essentials such as

- Installations
- Application code
- Dependencies

Registries

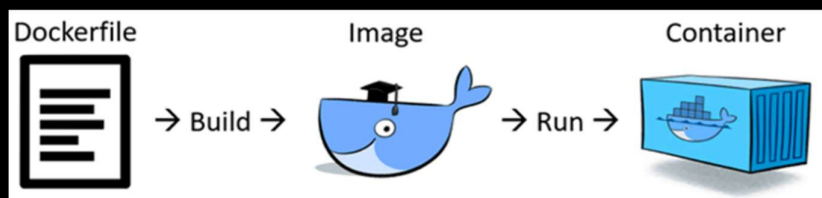
An image registry is a centralized place where you can upload your images and can also download images created by others

For Docker, Dockerhub is the default public registry

What is Docker

Docker is an open source project that makes it easy to create containers and container-based apps. Originally built for Linux, Docker now runs on Windows and MacOS as well. To understand how Docker works, let's take a look at dockerfile.

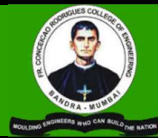
Dockerfile



Dockerfile is a blueprint for building an image. Images are made up of layers. In a dockerfile each instruction creates a new layer. It is a script of instructions that once processed by the Docker daemon can build an image.

Docker simplifies and accelerates workflow, while giving developers the freedom to innovate with their choice of tools, application stacks, and deployment environments for each project.

Upmanyu's Desk



Importance and characteristics of blockchain

Blockchain technology has been around for quite a while now, still actively being within the spotlight, although there are some mixed feelings toward this technology, yet nobody can entirely underestimate its role within the global economic landscape.

The technology first came into the spotlight through bitcoin, a much popular cryptocurrency. Sadly, now it's become an excessive amount of overrated and volatile compared to other cryptocurrencies. But what Bitcoin delivered to our attention is that the blockchain technology itself.



Upmanyu Jha (SE Comps)

List of Top Blockchain Features

Blockchain technology isn't just a backup network for cryptocurrencies, but it offers tons more. So, what are the key blockchain features that make it so irresistible? Why is it gaining so much popularity? Let's dive a little deeper into the features of blockchain to get the answer to these questions. Let's start with the quick Blockchain info!

1. Immutability – It is undoubtedly one of the key features of blockchain technology.

But why is this technology uncorrupted? Let's start with connecting blockchain with immutability. Immutability means something that can't be changed or altered. This is amongst one of the highest blockchain features that help to ensure that the technology will remain as it is – a permanent, unalterable network. But how does it maintain that way?

It works slightly differently than the typical banking system. Instead of relying on centralized authorities, it ensures the blockchain features through a set of nodes.

Every node on the system has a copy of the digital ledger. To add a transaction every node must check its validity. If the majority thinks it's valid, then it's added to the ledger. This promotes transparency and makes it corruption-proof.

So, without the consent of the majority of nodes, no one can add any transaction blocks to the ledger. Another fact, that backs up the list of key blockchain features is that, once the transaction blocks get added to the ledger, no one can just go back and change it. Thus, any user on the network won't be able to edit, delete or update it.

How does It Fight Corruption?

We know how every year there's a massive amount of money that gets hacked through our regular channels. Many people spend Trillions of money to protect their business from any external hacks. However, we always forget to count the internal cybersecurity risks that come from corrupted people and authorities. In many cases, there's always an internal link for these hacks to know about all the security measures, so in the end, we pay the price for our trust. The global economy needs a trust less environment to fully overcome this issue.

So, when it comes to a corruption-free environment, you can easily assume that blockchain can definitely change a lot of these scenarios. If businesses start to integrate blockchain technology to maintain their internal networking system, no one would be able to hack into it or alter or even steal information.

Public blockchains are a perfect example of this. Everyone in the public blockchain can see the transactions, so it is super transparent. On the other hand, private or federated blockchain could be best for enterprises that want to remain transparent among staff and protect their sensitive information along the way from public view.

2. Decentralized

The network is decentralized meaning it doesn't have any governing authority or one person taking care of the framework. Rather a group of nodes maintains the network making it decentralized.

This is among one of the key features of blockchain technology that works perfectly. Let me make it simpler. Blockchain puts us users in a straightforward position. As the system doesn't require any governing authority, we are able to directly access it from the web and store our assets there.

Upmanyu's Desk



You can store anything starting from cryptocurrencies, important documents, contracts, or other valuable digital assets. And with the assistance of blockchain, you'll have direct control over them using your private key. So, you see the decentralized structure is giving the folk their power and rights back on their assets.

Why it's So Useful?

- **Less Failure:** Everything in the blockchain is fully organized, and as it doesn't depend on human calculations it's highly fault-tolerant. So, accidental failures of this system are not a usual output.
- **User Control:** With decentralization, users now have control over their properties. They don't have to rely on any third party to maintain their assets. All of them can do it simultaneously by themselves.
- **Less Prone to Breakdown:** As decentralized is one of the key features of blockchain technology, it can survive any malicious attack. This is because attacking the system is more expensive for hackers and not an easy solution. So, it's less likely to breakdown.
- **No Third-Party:** Decentralized nature of the technology makes it a system that doesn't rely on third-party companies; No third-party, no added risk.
- **Zero Scams:** As the system runs on algorithms, there is no chance for people to scam you out of anything. No one can utilize blockchain for personal gains.
- **Transparency:** The decentralized nature of technology creates a transparent profile of every participant. Every change on the blockchain is viewable and makes it more concrete.
- **Authentic Nature:** This nature of the system makes it a unique kind of system for every kind of person. And hackers will have a hard time cracking it.

3. Enhanced Security

As it gets rid of the need for a central authority, nobody can just simply change any characteristics of the network for their benefit. Encryption ensures another layer of security for the system.

But how does it offer so much security compared to already existing techs?

Well, it's extremely secure because it offers a special disguise – **Cryptography**.

Added with decentralization, cryptography lays another layer of protection for users. Cryptography could be a rather complex mathematical algorithm that acts as a firewall for attacks. Every information on the blockchain is hashed cryptographically. In simple terms, the information on the network hides the true nature of the data. For this process, any input file gets through a mathematical algorithm that produces a unique kind of value, but the length is always fixed. You could consider it as a unique identification for every data. All the blocks within the ledger come with a unique hash of their own and contain the hash of the previous block. So, changing or trying to tamper with the data will mean changing all the hash IDs. And that's kind of impossible. You'll have a personal key to access the info but will have a public key to form transactions.

Hashing is Irreversible! Hashing is quite complex, and it's impossible to alter or reverse it. No one can take a public key and come up with a private key. Also, a single change in the input could lead to a completely different ID, so small changes aren't a luxury in the system. If someone wants to corrupt the network, he/she would have to alter every data stored on every node in the network. There could be millions and millions of people, where everyone has the same copy of the ledger. Accessing and hacking millions of computers is next to impossible and costly.

That's why it's one of the best blockchain features. As it's too hard to bypass, you won't have to worry about hackers taking all your digital assets from you.

4. Distributed Ledgers

Usually, a public ledger will provide every information about a transaction and the participant. It's all out in the open, nowhere to hide. Although the case for private or federated blockchain is a bit different. But still, in those cases, many people can see what really goes on in the ledger. That's because the ledger on the network is maintained by all other users on the system. This distributed computational power across the computers to ensure a better outcome. This is the reason it's considered one of the blockchain essential features. The result will always be a higher efficient ledger system that can take on the traditional ones.

Upmanyu's Desk



Why It's One of the Blockchain Important Features?

- **No Malicious Changes:** Distributed ledger responds really well to any suspicious activity. As no one can change the ledger and everything updates really fast, tracking what's happening in the ledger is quite easy with nodes.
- **Ownership of Verification:** Here, nodes act as verifiers of the ledger. If a user wants to add a new block other would have to verify the transaction and then give the green signal. This provides the user with fair participation.
- **No Extra Favors:** No one on the network can get any special favors from the network. Everyone has to go through the usual channels and then add their blocks. It's not like you have more power so you'll get more privileges.
- **Managership:** Every active node has to maintain the ledger and participate for validation.
- **Quick Response:** As I said earlier, removing the intermediates quickens the system response. Any change in the ledger is updated in minutes or even seconds!

5. Consensus

Every blockchain thrives because of the consensus algorithms. Every blockchain has a consensus to help the network make decisions. In simple terms, the consensus is a decision-making process for the group of nodes active on the network. Here, the nodes can come to an agreement quickly and relatively faster. When millions of nodes are validating a transaction, a consensus is absolutely necessary for a system to run smoothly. You could think of it as kind of a voting system, where the majority wins, and the minority has to support it.

The consensus is responsible for the network being trust less. Nodes might not trust each other, but they can trust the algorithms that run at the core of it. That's why every decision on the network is a winning scenario for the blockchain. It's one of the benefits of blockchain features.

There are lots of different consensus algorithms for blockchains over the globe. Each has its own unique way to make decisions and perfecting previously introduces mistakes. The architecture creates a realm of fairness on the web.

6. Faster Settlement

Traditional banking systems are quite slow. Sometimes it can take days to process a transaction after finalizing all settlements. It also can be corrupted quite easily. Blockchain offers a faster settlement compared to traditional banking systems. This way a user can transfer money relatively faster, which saves a lot of time in the long run. These blockchain features make life easier for foreign workers and help to understand Why Blockchain is Important. Many people travel to another country in search of a better life and job and leave families behind. However, sending money to their families overseas takes a lot of time and could become fatal in times of need.

Now, blockchains are way too fast, and they can easily use it to send money to their loved ones. Another fun fact is the smart contract system. This can allow making faster settlements for any kind of contract. This is one of the best benefits of blockchain features to this day. And with the third party out of the way, people can send money with a This way blockchain will impact the international trades too!

So, why shouldn't you use blockchain technology? Although there are some cases where the network struggles to support too many users and faster settlement isn't possible. Even so, many are improving this scenario, and we'll soon see a better take on the issue.

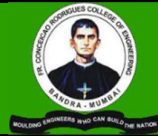
Blockchain Features: Concluding Remarks

Blockchain technology isn't just another hype that people forget after a few days. With all its blockchain features and applications, we can safely assume that it's here to stay. All the blockchain important features are making a whole another level of impact on the web.

And why wouldn't it? It's infused with all sorts of new techs. Although blockchain is giving rise to a lot of controversies, still if people can utilize the ideology behind all benefits of blockchain they can make a brighter and shinier future for everyone. Not to mention, Blockchain can change the world.

By Upmanyu Jha
Se-Comps-A

Ameaza's Desk



Checked Your Privilege Yet?

The day was pretty grey. It is not usual for June to be this rainy but had 'normal' not jumped out the window a long while ago? I managed to shield myself from the rain and beelined towards the train station. Superficially, it was as though everything was back to normal, but as i said, superficially. I was hoping to get a ticket for the trip and the irony of the predicament was not lost on me. Just a little more than a year ago if someone was to ask me how I loathed the trains, they'd say I was not the same person. But again, most of us are not the same person we were a year ago. I secured a place in the queue for the train pass, but this time i didn't mind how long this queue was, or how the rain lashed out on us.



Ameaza Rodrigues
SE Computers - B

I waited a long time for the train to arrive, but this time I didn't whine about it. When it finally did, it was all empty. I occupied a window seat and then came in a hawker, a child no more than ten, selling phone covers, sans mask, sans sanitizer, sans fear. And just as the train jolted into motion I began to wonder, what factors decide these levels of disparity?

I was reminded of the time I was frantically trying to secure a vaccination slot for my parents. Staying up all night, refreshing the page over and over again, and whining about how unfair and inconvenient it was. But now as the train crossed the Creek of Bhayander, I realised how so many people out there would jump to trade positions with me. To be booking slots for their kin instead of begging for an ICU bed, an oxygen cylinder or even a proper arrangement to perform the last rites of their kin with dignity. I realised how privileged i was. And I don't know how to feel about it, really, because feeling happy feels wrong, almost a crime. But one thing that I'm sure of is that I'm grateful. Simply grateful! There are so many out there who would trade my fate for theirs, but alas we do not make the rules. We merely have to play by them.

Maybe that is how the great scheme of things works, if one does not value life enough, life just drops its standards. And then we start spotting privilege in even the most regular things. It takes a little darkness to value the light. On then does one take note of the contrast. And now that I look back at the year 2020, most of it was just a reality check of how privileged we were, if we were not jobless and homeless and breathless.

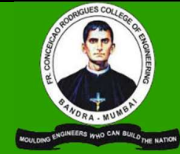
I used to loathe the trains, but for the vaccine I was praying they'd let me board the train....look at the tables turn....If one looked closely, one might even find it comical, the ways in which life unfolds, but again that is a result of my privilege, yet another thing to be grateful for. And this too shall pass, just as all other odd things, it will be forgotten.

We will go back to whining about how inconvenient our respective lives are, I shall whine about how I hate travelling by local trains. Only to be reminded once again, at some point later of our privilege.

But one does not know when we will go back to normal. We can only hope we do, soon. But then that's the thing about uncertainty, it forces one, albeit unpleasantly, to live in the present.

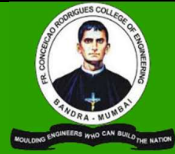
And Hope, it probably is the most relatable meme ever, something we all share and sometimes collectively laugh at and just like a good sense of humour, it is good for us. Let's hang on to it.

Online Certifications



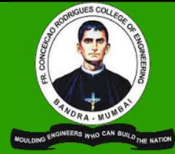
Student Name	Company Name	Course Name
Rachel Sequeira	Team #varunPeru	Content Writing
	Coursera	Web Design(Specialization)
	Coursera	Java Programming(Specialization)
	Coursera	Python Programming(Specialization)
	Eyantra	Internship-Project Building
	Robocon	Technical Internship
	Binary Curve	Technical Internship- Web Development
	Edunify	Internship-Content Writing
Alisha Rao	Aura Of Divine Arts and Creations	Internship - Web Developer
	Coursera	Introduction to TensorFlow
	Coursera	NLP in Tensorflow
	Coursera	Sequence, Time Series, Prediction
	Coursera	Browser based model with tensorflow.js
	Coursera	CNN in Tensorflow
Ravisingh Kushwah	Coursera	AI for everyone
	Coursera	Programming Foundations with JavaScript, HTML and CSS
	Coursera	Programming for Everybody (Getting Started with Python)
Dilton D'souza	Coursera	Python Programming 1
	Coursera	Python Programming 2
	Coursera	Yale University - The Science of Well-being
	Coursera	Georgia Institute of Technology - Writing Professional Emails in English
	Coursera	Google - Technical Support Fundamentals
	Handout Foundation	Internship - Volunteering
	International Model United Nations	Internship - Campus Ambassador
	Common Dove	Internship - Campus Ambassador
UPMANYU JHA	Internshala	Ethical Hacking
	Web Shine tech	INTERNSHIP as backend developer
	edx	Cybersecurity
	REVOLUX Pvt ltd.	INTERNSHIP as Graphic Design
	team abadha	Web development
	Coursera	Google cloud product fundamentals
	Coursera	Visual Elements of User Interface Design,
	Udemy	Ethical Hacking from Scratch, z Security
	IIT BOMBAY	Ethical Hacking WorkShop
	Red Hat	Introduction to OpenShift Applications (DO101)
Verzeo	Cybersecurity Course	

Online Certifications



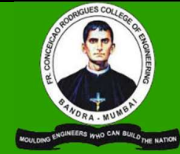
Student Name	Company Name	Course Name
	Khateeb Classes	C
		Java
		PYTHON COURSE+ INTERNSHIP
		ML and AI
		R
	InternShala	Graphic Design, Ethical Hacker Course
	NPTEL	CYBERSecurity
Ronald Patrick	Coursera	Java Programming: Solving Problems with Software
	Coursera	Programming for Everybody (Getting Started with Python)
	Coursera	Programming Foundations with JavaScript, HTML and CSS
	Coursera	Python Data Structures
	Cloud conselage	Technical Intern
	Udemy	The Complete Web Developer in 2021: Zero to Mastery
	THE SPARKS FOUNDATION	Web Development Intern
	StrEatU	Flutter / Native Android Development (Wear OS)
	EDX (IBM)	Introduction to Cloud Development with HTML, CSS, and JavaScript
Rhyth Rodrigues	Coursera	Introduction to HTML5 University of Michigan
	Cloud conselage	Technical Intern
	Udemy	Java Programming Masterclass for Software Developers
	Udemy	2021 Complete Python Bootcamp From Zero to Hero in Python
	Coursera	Introduction to CSS3 University of Michigan
	Courera	Introduction to Structured Query Language (SQL)
	THE SPARKS FOUNDATION	Web Development Intern
Ross Lobo	Coursera	Mark Digital Analytics for Marketing professionals
		java programming-Duke University web development boot camp - FRCRCE
Yashaswini Chaudhari	Coursera	Python for everybody
Raj Harindar Mourya	Coursera	Python for everybody
	Coursera	programming foundation with JavaScript ,html and css (duke university)
	Coursera	java programming : solving problem with software(duke university)
	Coursera	AWS fundamentals (cloud native)
	cloud Counselage	internship cloud computing
	Udemy	the complete javascript course 2021
Vaishnavi Marathe	Coursera	Introduction to psychology
Joyli Rumao	Coursera	GCP fundamentals: Core infrastructure
	Coursera	Networking in Google cloud :Hybrid connectivity and network management
	Coursera	Neworking in google cloud:Defining and implementing network
	Coursera	AWS fundamentals:Going cloud native
	Coursera	AWS fundamentals:Addressing cloud risk

Online Certifications



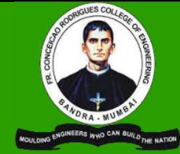
Student Name	Company Name	Course Name	
Kaylynn Rodrigues	Coursera	Programming for everybody(Getting started with Python)	
Austin Fernandes	Coursera	Introduction to HTML5	
		Responsive Website Basics: Code with HTML, CSS, and JavaScript	
		Programming for Everybody (Getting Started with Python)	
Natasha Lobo	Coursera	Introduction to Git and GitHub	
		Financial Markets	
		Excel Skills for Business: Essentials	
		Cloud Computing Basics (Cloud 101)	
		The Data Scientist's Toolbox, Crash Course in Data Science	
		Successful Negotiation	
		AI For Everyone	
		Introduction to Search Engine Optimization	
		Internet History, Technology, and Security	
		Web Development Michigan - HTML, Advanced Styling	
		Learning How to Learn, youth & Mindshift	
		Python Michigan - Course 1 and 2	
		Google Cloud Products	
		Grammar and Punctuation	
		Programming foundation Duke	
		Introduction to Criminal Law	
		Personal Branding	
		Introduction to Financial Markets - ISB	
		Contact Tracing	
		Introduction to Cybersecurity Tools	
		Psychological First Aid	
		Coursera Project Courses	Network
			The Fundamentals of Digital Marketing
	Google Analytics for Beginners		
	Career Edge - TCS		
Aayushi Thakur	Coursera	Python for everybody (specialization-5 courses)	
		Introduction to HTML5	
		Introduction to CSS3	
		Interactivity with javascript	
		Open Source Software Development Methods	
		Linux for developers	
		Accenture	Digital skills for work and life
		TCS Ion	Career Edge - Knockdown the lockdown
		E-yantra Competition	Project Building
		Team Robocon CRCE	Technical projects
		Trishul NGO internship	Ecommerce website and crowd funding website

Online Certifications



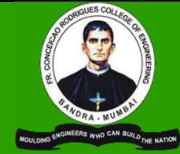
Student Name	Company Name	Course Name
Sreenivasan Murugan	Coursera	AWS Fundamentals: Going Cloud-Native AWS
	Coursera	AWS Fundamentals:Addressing security Risk
	Coursera	AWS Fundamentals: Migrating to the cloud
Sumit Kothari	Dr.Op Bhalla Foundation	NGO internship
	Coursera	Building Web Applications in PHP
	Coursera	HTML,CSS and Javascript
	Coursera	Using Databases with Python
Shruti Shetty	Coursera, Udemy	Cloud Counselage internship
Nihal Jha	Coursera,	Kalkai AI
Jayesh Badwal	Project Cell	App Development
	Coursera	HTML, CSS and JS basics
	E-yantra Robotics Competition	Vargi Bots/Ros Manipulation, perception, image processing, computer vision.
	Trishul NGO Internship	Ecommerce website and crowd funding website
Travis Vaz	Trishul NGO	Ecommerce website and crowd funding website
	Project	Team Vaayushastra
Rissa Chettiar	Himalayan-Gypsy	Internship- Content Writing
	Internshala	Core Java
Lidya Simon	Coursera	Introduction to html
	Coursera	Programming for everybody
	Coursera	Python Data Structures
	Derest	Marketing Intern
Godwin Vaz	Udemy	Full Stack
	Udemy	Python
	Udemy	Java
Prachi Mohare	Project Cell CRCE	Web development/App dev/Arduino simulation(certified)
	Coursera	Programming fundamentals with html,css,js
	Coursera	Python for everybody
	Coursera	Python data structures
	Coursera	Contact tracing
	Coursera	Intro to web dev(UCDAVIS)
	Coursera	Intro to HTML
	Coursera	Intro to python
	Udemy	Responsive Web Development
	E-yantra Robotics	Vargi Bots/Ros Manipulation,perception,,image processing,computer vision.
	NEO	Campus coordinator
	Team abadha	web development+supporting member
Project Cell	Official website Backend Crce(certified)	
Bhavendra Panchal	Coursera	Programming Foundation with JavaScript,Html and Css
	Coursera	Python
	Coursera	Using Python to Access Web Data

Online Certifications



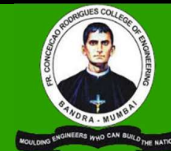
Student Name	Company Name	Course Name
	Udemy	Introduction to CSS Development
	The Sparks Foundation	machine learning intern
Mann Sanghvi	Coursera	Building Web Applications in PHP
	Coursera	HTML,CSS and Javascript
	Himalayan Gypsy	Internship- Content Writing
Ridham Bheda	Edx	Python Basics for Data Science
	Edx	AI for Everyone
Meet Parmar	Udemy	HTML,CSS
	Sparks Foundation	Android App Development
Vanessa D'mello	Coursera	Python for Everybody
Nicole Dias	Derest Marketing	Marketing internship
Gayatri Varma	Cloud Councelage	Digital Marketing
	Common Dove	Internship - Campus Ambassador
Vedaant Sunil	The Green Gen Project	Digital Marketing/Creative Team/ Content Team
	Mozilla Campus Club, CRCE	PR Head/Content Team
	Coursera	Python for Everybody
Aaron Gomes	Trishul NGO	Ecommerce website and crowd funding website
Dion Trevor Castellino	Coursera	Machine Learning
Nijo Ninan	Coursera	Introduction to the Internet of Things and Embedded Systems
Nijo Ninan	Coursera	The Arduino Platform and C Programming
Celine Dsilva	Udemy	Machine Learning
Mario Dias	Coursera	Django for Everybody Specialization
Mario Dias	Coursera	HTML, CSS, and JavaScript for Web Developers
Dunstan D'souza	Coursera	Web Design for Everybody : Basics of Web Development and Coding
Dunstan D'souza	Coursera	Django for Everybody Specialization
Hansie Aloj	Coursera	HTML, CSS, and JavaScript for Web Developers
Hansie Aloj	Coursera	Web Application Technologies and Django
Atish Dussa	Coursera	Django for Everybody
Nash DODti	Coursera	HTML, CSS, and Javascript for Web Developers
Sela Grace Koshy	Python Institute	PCAP programming Essentials in Python
	Cisco NA	Introduction to Cybersecurity
	Cisco NA	Cybersecurity Essentials
	EdX	AWS: Getting Started with Cloud Security
	EdX	AWS IoT: Develop & Deploy an IoT
	EdX	IBM: Introduction to Cloud
	Udemy	MS Excel - Excel from Beginner to Advanced
	LinkedIn Learning	Getting Started with MS Excel
	Coursera	Linear Regression with Numpy & python

Online Certifications



Student Name	Company Name	Course Name
	Programming Fiesta	Ethereum Powered DAPP Deployment in Blockchain Technology
Barboza Devin	EdX	IBM: Introduction to Cloud
Jerome	EdX	AWS: Getting Started with Cloud Security
Chowdhary Pratik Vinayak	Pluralsight	C++ Unit Testing Fundamentals Using Catch2
		Introduction to AWS CodeStar
		Quarkus: Fundamentals
		Using gRPC in ASP.NET Core
		Implementing Pub/Sub Messaging with Amazon SNS
		Message Queuing with Amazon Simple Queue Service (SQS)
		Getting Started with Asynchronous Programming in .NET
		Getting Started with ASP.NET Core SignalR
		Maven Fundamentals
		C++ 17: Beyond the Basics
	Deploying Serverless Applications in AWS Using the Serverless Application Model	
	edX	CAD220EN: Developing Cloud Applications with Node.js and React
		LFS158x: Introduction to Kubernetes
		LFS157x: Introduction to Serverless on Kubernetes
		Hyperledger Sawtooth for Application Developers
		Amazon DynamoDB: Building NoSQL Database-Driven Applications
		Building Containerized Applications on AWS
CC0101EN: Introduction to Cloud		
Developing Cloud Native Applications		
Chunara Rahim Firoz	edX	Introduction to Cloud
Darlene Nazareth		Learning Linux Command Line
		Learning Linux Shell Scripting
		Linux: Shells and Processes
	Coursera	Convolutional Neural Networks
	Coursera	Create Your First Chatbot with Rasa and Python
Rego Benita		ReactJS
		SQL for Data Science
		NLP: Twitter Sentiment Analysis (Project based)
		Getting Started with Power BI Desktop
		Social Media Data Analytics
Rego Nolita		Social Media Data Analytics
Kaustubh Shetty	Linkedin learning	Learning Linux Shell Scripting
Avila Patil	Coursera	AWS Cloud Technical Essentials
Sherwyn D'souza	Coursera	Detecting COVID-19 with Chest X-Ray using PyTorch
	Coursera	Data Analysis Using Pyspark
	Coursera	Understanding Deepfakes with Keras
	Coursera	NLP: Twitter Sentiment Analysis
Aditya Khajuria	Coursera	Server side development with Nodejs, Express and MongoDB.

Online Certifications



Student Name	Company Name	Course Name
Mohit Kunder	Coursera	1) Applied plotting, charting and data representation in python, 2) Intro to data science in python 3) Basic image classification with Tensorflow
Vedant Sahai	Coursera	Generate Synthetic Images with DCGANs in Keras
Mayank Srivastava		AWS: Publish a NodeJS Website from Scratch
		Introduction to Bash Shell Scripting
		How Google does Machine Learning
		Introduction to Docker: Build Your Own Portfolio Site
Susmita Mathew	JP Morgan Chase and Co.	Software Engineering Virtual Experience
	Coursera	The Data Scientist's Toolbox
	Coursera	SQL for Data Science

