



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING PRESENTS

QUARTERLY NEWSLETTER-2020, VOLUME -1, ISSUE-1



Message from Chairperson

"Knowledge is power, Information is liberating, Education is premise of progress in every society, every family"

-Kofi Annan



I am very glad to know that the Department of Computer Science & Engineering, EPCET is bringing out its first issue of department newsletter “Bits & Bytes” for the benefit of the students & the faculty members. The publication is a reflection of activities, achievements and talents of students and faculty members.

I applaud the contributors for their stimulated thoughts and articles contributed by them. My sincere congratulations to the whole team for accomplishing the onerous task most effectively.

Best wishes to team CSE towards the successful launch of the newsletter.

Smt. B. L. Ramadevi
Chairperson, EPGI

Message from CEO's

*"Education is not the learning of facts,
but training of the mind to think"-Albert Einstein*



It's a matter of great pride to pen down the message for the "Bits & Bytes", first issue of quarterly newsletter from Computer Science and Engineering department, EPCET. This newsletter will give a glimpse of progress of department, Student & faculty activities and achievements. I, heartily congratulate the entire team for the hard work and dedication that has resulted in the publication of newsletter.

I extend my warm wishes to the department and continue this journey on the road of excellence.

Mr. S. V. Pramod Gowda
CEO, EPGI

Message from CEO's

*"Excellence in education is when we do everything that we
can to make sure they become everything that
they can"- Carol Ann Tomlinson*



I am glad to know that Computer Science and Engineering Department, EPCET is releasing its first issue of Newsletter "Bits & Bytes". I hope this newsletter will showcase the creative endeavours of students and faculties and will provide the benchmark for continued improvement in overall development of the department. I commend entire department for its efforts in bringing out this newsletter.
I convey my best wishes for the release of the newsletter.

Mr. S. V. Rajiv Gowda
CEO, EPGI

Message from Principal's Desk

"We keep moving forward, opening new doors, and doing new things, because we're curious and curiosity keeps leading us down new paths." –Walt Disney



The sudden incursion of COVID-19 pandemic has caused one of the biggest discontinuities in education. It has changed the entire thought process and has provoked innovative-methods of virtual mode of teaching-learning process at EPCET. Amid this pandemic situation, we are happy to see our faculty members and students actively taking part in various academic, extra-curricular and research activities. The placements at EPCET has already begun and many of our students are placed in reputed companies. In this pandemic situation, we resort to online aptitude training, soft skills training, and industry institute integrated learning programs.

I am happy to note that the Department of Computer Science and Engineering is bringing out the first quarterly newsletter "Bits & Bytes" of the department. This Newsletter is a mode of communication to unleash the rapid changes, growth, achievements of students & faculties in the department.

My heartfelt Congratulations to the CSE Department Team for bringing out this newsletter & wish all the success and hope to see many more issues of the newsletter.

"Let us all continue to learn and grow"

Dr. Prakash S
Principal, EPCET

Message from HOD'S Desk

James Bryce an academician and historian, opines that 'communication is the key to education, understanding and peace'



Communication is the process of creating and sharing information, ideas and facts to build an efficient learning environment. Dept of CSE is organizing a series of lectures on state-of-the-art topics by eminent personalities titled 'Distinguished Lecture Series'. The objective of the Distinguished Lecture Series is to bring scholars of the highest caliber from academia and industry to our Institute to share their scholarships and experience with our students, research scholars and faculty.

We wish to cover advanced subjects which may not be a part of curriculum like Challenges in IoT, Blockchain, Cybersecurity, insights into AR, VR, MR, and XR to name a few. We are also in the process of organizing various hands-on workshops to inculcate the habit of 'project-based learning'. Our recent introduction of 'Virtual Labs' to overcome the difficulties of pandemic has helped us to practice experiential learning, involving the acquisition of abstract concepts and its applications

Our current newsletter 'Bits & Bytes' is an attempt to help acquire new and better forms of knowledge. Sincerely, hope 'Bits & Bytes' encourages faculties, students and parents to get connected and foster academic excellence

Dr.T. K. Sateesh
HOD, CSE-Dept

Message from Editorial Team



Prof. Shilpa Patil, Prof. Manimegalai, Prof. Rashmi

Editorial Team

“If everyone is moving forward, then success takes care of itself” - Henry Ford

At the outset, on behalf of the entire Computer Science & Engineering department and all the readers, We extend our whole hearted gratitude to the Management, Principal Dr. Prakash S, to our HOD, Dr. T. K. Sateesh for their dynamic, inspirational, enthusiastic contribution and motivation towards our department also boosting our confidence for the publication of first Issue of our quarterly newsletter “Bits & Bytes”. A lot of effort has gone into the making of this issue. We have made an attempt to bring out the talent concealed within our student and faculty community. This issue includes articles, poems, art-works, and a host of other things. The newsletter is the combined effort of the editorial team. Our endeavour with each edition is to update you on the latest trends of technologies coming up and flashing some light on the innovative minds of the youth today.

We thank all the contributors as their contribution is the reason which makes this newsletter endearing with the readers. We hope you enjoy reading this issue as much as we have enjoyed making it.

Any suggestions or criticism on the Newsletter would be most welcome.

Message from CSE Staff



“Unity is Strength, when there is teamwork and collaboration, wonderful things can be achieved”



We, the team CSE, wish



“Bits & Bytes” a grand success



WHAT'S INSIDE

ABOUT THE DEPARTMENT

CSE DEPARTMENT STAFF

STUDENT'S UNIVERSITY EXAMINATION PERFORMANCE

STUDENT'S SUCCESS STORIES & PLACEMENTS AT A GLANCE

DEPARTMENT ACTIVITIES

STUDENT'S SPEAK

TALENT ZONE

ABOUT CSE DEPARTMENT

Computer Science & Engineering Department was established in the year 1999 with an intake of 120 students and is affiliated to Visvesvaraya Technological University (VTU), Belagavi. The Department is crafted to create globally competent future workforce for IT industry and also make the students ready for post graduate education in the best universities across the globe. These twofold objectives are accomplished by optimal mix of fundamental theory subjects, lab session, online courses from Coursera, NPTEL & Industry Integrated learning programs. The students will build specialist knowledge in different booming technologies with the flexibility to follow their interest through the choice of Industry integrated learning programs and get certified from companies through proctored exams.

DYNAMIC FACULTY

The department mirrors the zest and energy of the faculties. The commitment of the staff in pursuing excellence in their academic field and inspiring students to do their best has attracted leading companies looking for the best talent. The staff is active in participating and hosting conferences that bring together experts and delegates from leading industries. The vibrant academic environment and a tradition of active participation in technical events have resulted in publications in premier conference proceedings and leading journals

INDUSTRY INTEGRATED LEARNING PROGRAM(IILP)

Industry Integrated Learning Program (IILP) is an initiative at East Point to bridge the gap between Academia & Industry. The department is associated with companies like Salesforce, UiPath RPA, AWS, VMware, Google, CISCO through Academic Alliance Program. Dedicated faculties are assigned as educators from the companies are trained, certified and are authorized to train the students on the courses. IILP courses are offered to students right from the 2nd year of Engineering, so that by the end of engineering course, students are enriched with wide variety of technical skills. Centre of Excellence lab for RPA, Salesforce, AWS, CISCO have been established at college.

VIBRANT LEARNING EXPERIENCES

The department is kept vivacious with activities of the various clubs driven by active student participation. The knowledge and competence of the students year after year has resulted in leading companies visiting the campus regularly for placement offers. With an inclusion of Internships, the students get practical exposure to professional work environment. Starting from a single room with a small group of students it has grown into a hub of ideas where a large number of students work on innovative projects.

ADVANCED INFRASTRUCTURE

The department has state of art infrastructure with well-equipped laboratories to conduct experimental works. All the lecture halls feature Audio-Visual Recording and Streaming Facilities, Library, seminar hall keep the academic environment active

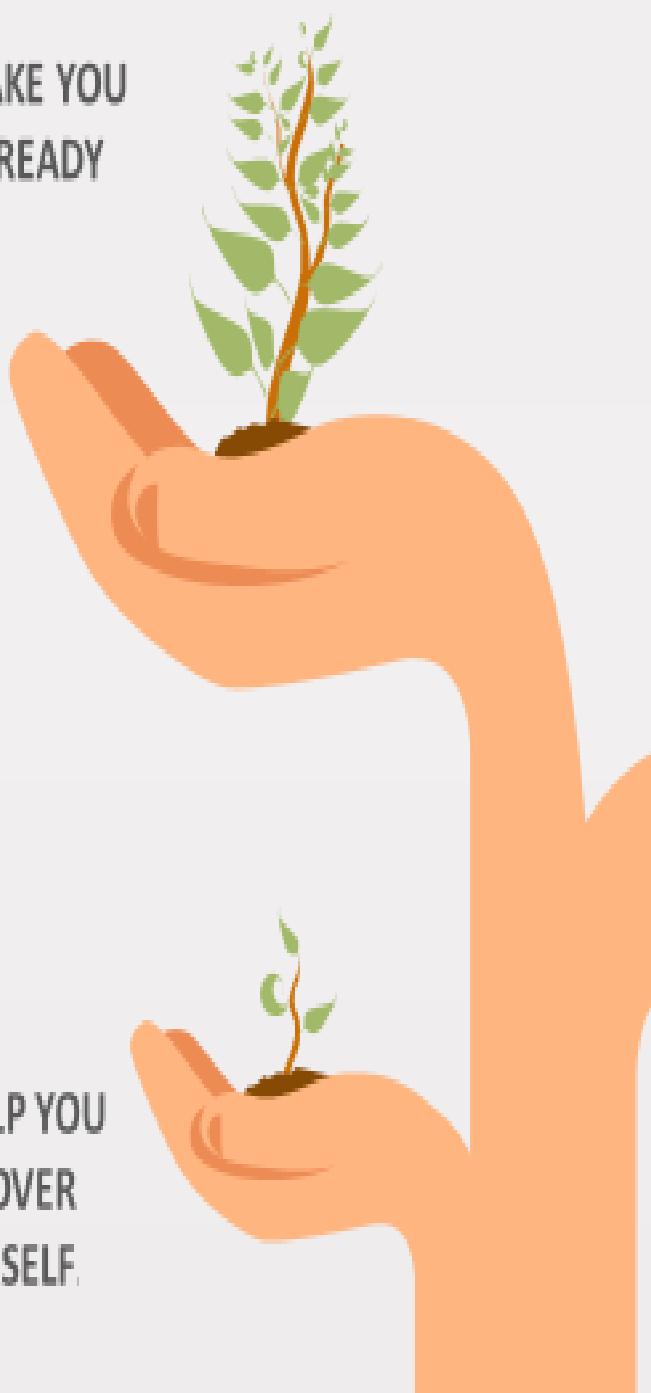
CSE DEPARTMENT STAFF

S.NO	NAME	DESIGNATION
1.	Dr. T.K. Sateesh	HOD & Professor, CSE Dept.
2.	Dr.Chandramouli	Professor
3.	Prof. Nithyananda	Professor
4.	Dr. Emlin shyni	Professor
5.	Dr.I.Manimozhi	Associate Professor
6.	Dr.Senkamalavalli	Associate Professor
7.	Dr.Shankar Ganesh	Associate Professor
8.	Prof. Heena Kousar	Associate Professor
9.	Prof. Jagadevi Bakka	Associate Professor
10.	Prof. Ravikumar M	Associate Professor
11.	Prof. Manimegalai A	Assistant Professor
12.	Prof. Kesavan M.V	Assistant Professor
13.	Prof. Divya U H	Assistant Professor
14.	Prof. Shilpa Patil	Assistant Professor
15.	Prof. Madhu R	Assistant Professor
16.	Prof. Vishnupriya	Assistant Professor
17.	Prof. Rashmi T V	Assistant Professor

EVERY STUDENT HAS SOMETHING TO OFFER AND EVERY STUDENT DESERVES A NURTURING ENVIRONMENT

We at East Point help **YOU** to Nurture

WE WILL MAKE YOU INDUSTRY READY



WE HELP YOU TO BRIDGE THE SKILLSET GAP BY OUR EXCLUSIVE IILP TRAINING PROGRAM COURSES AND HELP YOU ACHIEVE YOUR DREAMS



WE HELP YOU DISCOVER YOURSELF.

WE HELP YOU TO EXPLORE OPTIONS IN SKILL DEVELOPMENT

STUDENT'S UNIVERSITY EXAMINATION PERFORMANCE

Even Semester Department Toppers (8th Sem)

1st Topper

HERSCHELLE SARASWAT

91%

2nd Topper

POORNIMA N

90%

3rd Topper

ADITYA SINHA

89%

Success Stories of Students

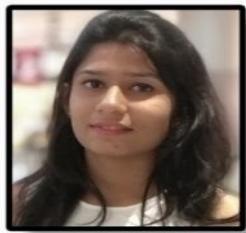
Ten Students from CSE Dept. have completed the AWS course and cleared the AWS Cloud Practitioner exam


Rakesh P
 IEP17CS067

Pavan Kumar DS
 IEP17CS057

Harshit Bhasin
 IEP17CS026

B R Ganesh
 IEP17CS010

Manish
 IEP17CS044

Manasa Patil
 IEP17CS042

Mounika Priya M N
 IEP17CS048

Tanushree K
 IEP16CS109

Tarun Singh
 IEP15CS098

Rashmi L
 IEP17CS069

Two Students from CSE Dept. have cleared the Salesforce Administrator certification

Two Students from CSE Dept. have cleared the Microsoft Technology Associate exam in Introduction to Javascript Programming



ADITYA SINHA



RAHUL UPADHYAY



KIRAN DAROJI



AKASH Y S

8TH SEM8TH SEM8TH SEM8TH SEM

COURSE COMPLETION AND ACHIEVEMENTS

Samuel T, from 5th Sem has completed

IBM certified Data science professional certificate from Coursera
 User experience nanodegree course from Udacity
 He has also been a Core team member at Google Developers Group Mysuru Chapter
 He has also been a topper in UiPath Academic Challenge 2019 organised by UiPath
 He has also been a technical Blogger for arduino Programming and hardware
<https://samuelcoder.blogspot.com/2019/11/arduino-programming.html>
<https://samuelcoder.blogspot.com/2019/11/arduino-uno-hardware.html?m=1#more>
 He has played a key role in designing and maintaining the International Conference website organised by EPCET

Mr. Nitya Prasad De, 8th semester has completed

Virtual internship program from Microsoft on campus to corporate ready skills and technical engineer skills
 Google Cloud Foundation Programming course
 Python course by IBM
 Fundamentals of Digital Marketing Course by Google
 AWS course by VINSYS
 Step into RPA course during GUVI Skillathon 2020
 Android Tutorial for beginners and SQL tutorial for beginners using CURSA Application
 Machine Learning A-Z and Algorithms Course on Udemy

Mr. Harith G R , 8th sem has completed

Step into RPA course during GUVI Skillathon 2020
 Java & Python basics course from Hacker Rank
 Data analysis using python course from IBM
 Earned badges in Cloud Infrastructure, Big Data and Machine Learning and Cloud-Native Application development

Gautham R from 3rd sem has completed

Step into RPA course during GUVI Skillathon 2020
 Python for everybody course on Coursera

COURSE COMPLETION AND ACHIEVEMENTS

<p>Nikita Rawat, 5TH Sem has Completed</p> <p>Architecting with Google computing Engine in Coursera</p> <p>Reliable Google Cloud Infrastructure: Design & Process in Coursera</p> <p>Elastic Google Cloud Infrastructure: Scaling and Automation in Coursera</p> <p>Elastic Google Cloud Infrastructure: Scaling and Automation in Coursera</p> <p>Google Cloud Platform Fundamentals: Core Infrastructure in Coursera</p> <p>Programming for Everybody (Getting Started with Python) in Coursera</p> <p>First Step Korean in Coursera</p> <p>Upendra R from 5th Sem has Completed</p> <p>Programming for everybody,from Coursera</p> <p>Python Data Stuctures course from Coursera</p>	<p>Srinidhi K R, from 7th sem has completed</p> <p>All the quests required for Google Cloud Program and currently pursuing the Google Cloud Ready Facilitator</p> <p>Pavan Kumar D S, from 7th sem had participated in an essay writing event held on 'World Engineers Day' organised by Adhiyamaan college of Engineering, Hosur and secured 2nd place in the event.</p> <p>Rakesh P from 7th sem has completed</p> <p>Python for Everybody Course on Coursera</p> <p>Architecting with Google Compute Engine</p> <p>Harshit Bhasin , 7th Sem has Completed</p> <p>Programming for everybody,from Coursera</p> <p>Python Data Stuctures course from Coursera</p> <p>AWS Fundementals: Going Cloud Native from Coursera</p> <p>AI for Everyone from Coursera</p> <p>Gautham R from 3rd sem has completed</p> <p>Python for everybody from Coursera</p> <p>Guvi- Step into RPA Course during Guvi Skillathon</p>	<p>Sukrutha R from 7th Sem</p> <p>has completed the RPA Developer Foundation Course from UiPath</p> <p>Nayana from 7th Sem</p> <p>has Completed the RPA Developer Foundation Course from UiPath</p> <p>Asha from 7th Sem</p> <p>has completed the RPA Developer Foundation Course from UiPath</p> <p>Keerthana from 7th Sem</p> <p>has completed the RPA Developer Foundation Course from UiPath</p> <p>Vineetha from 7th sem</p> <p>has completed the RPA Developer Foundation Course from UiPath</p>
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*WORK HARD IN SILENCE,
LET YOUR SUCCESS MAKE NOISE*

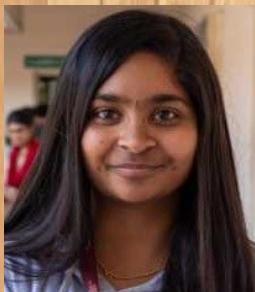
PLACEMENTS AT A GLANCE- 2020

(8TH SEM)



PLACEMENTS AT A GLANCE- 2020

(7TH SEM)



SHREYA M

PLACED IN ALTORUM LEREN
&
JARO EDUCATION



PRIYAM SRIVASTAVA

PLACED IN ALTORUM LEREN



PRARTHANA SCINDHE

PLACED IN JARO EDUCATION

Success doesn't just find you.
You have to go out and get it



Faculty Achievements

- Dr. T. K. Sateesh was invited as a guest speaker for IEEE Day, 2020 organised by EPCET, Bengaluru.
- CSE Department was a part of Organising team for hosting International Conference on Multidisciplinary Technologies & Challenges in Industry-4.0 on September 18th -19th, 2020.
- Prof. Ravikumar has completed CISCO CCNA V7 certification course and currently delivering Cisco Networking Academy courses to students.
- Prof. Nithyananda C R has completed the Step into RPA course by GUVI
- Prof. Divya U H has completed Programming for Everybody (Getting Started with Python) from Coursera and Step into RPA course by GUVI
- Dr. Manimozhi I has completed the Step into RPA course by GUVI
- Dr. Senkamalavalli has completed the Python Programming Through Infytq Platform organised by Infosys and Step into RPA course by GUVI
- Dr. Emilin Shyni was invited as a resource person for Webinar on Cyber-Security Challenges during COVID-19, organised by Francis Xavier Engineering College.
- Prof. Shilpa Patil has completed the RPA Developer Foundation Course from UiPath and currently training the students for UiPath RPA certification course. She was also invited to be a part of review committee for content of UiPath design and development V2 Course. She was also invited as a resource person for 2-day FDP Program on RPA by St. Claret College, Bangalore.
- Prof. Rashmi has completed and Step into RPA course by GUVI
- Prof. Madhu has completed the Python Programming Through Infytq Platform organised by Infosys and Step into RPA course by GUVI
- Prof. Manimegalai has completed the Step into RPA course by GUVI
- Dr. Shanker Ganesh has completed all the quests of Google Cloud Platform and is the Google Cloud Facilitator on behalf of EPCET. He has also completed the Step into RPA course by GUVI
- Prof. Heena has completed the Step into RPA course by GUVI
- Prof. Keshavan has completed the Step into RPA course by GUVI

PAPER PRESENTATIONS AND PUBLICATIONS

- Dr. Manimozhi I has published a paper on “Enhancing QOE in Online Video Streaming based on Random Forest Regression Prediction Towards Future Popularity of a Video” in Test Engineering and Management journal indexed by SCOPUS. ISSN: 0193-4120 Page No. 13109 - 13113, March 2020
- Dr. Manimozhi I has published a paper on “An Intelligent Modified Approach towards Synthesizing Virtual Human Sign Language Text for the Hearing Impaired Communications based on OCR” in International Journal of Control and Automation, Scopus Indexed. · Vol 13. No 2 pp 710 -715, April 2020
- Dr. Manimozhi I has published a paper on “ An efficient approach towards analysis and validations of machine intelligence models for pulmonary tuberculosis drugs resistance”, Scopus Indexed. · ISSN- 2394-5125 VOL 7, ISSUE 13, July 2020.
- Prof. Manimegali has published a paper on “Automating Image Retrieval using Ulpath (RPA) by Extricating Color Feature with String comparison in CBIR” in International Journal of New Innovations in Engineering and Technology (IJNIET). Volume14 , pp.14-20. Issue 2-July2020.

- Prof. Divya U H has published the paper on “Detection of abnormal Human Activities in Surveillance Video-A Survey” in Journal of Interdisciplinary Cycle research, UGC Indexed. ISSN No.:0022-1945, Volume XII, Issue VIII, August-2020.
- Dr. Manimozhi & Prof.VishnuPriya have presented the paper on “An Efficient Approach towards Translation of Tulu Written Letters to Kannada Character Based on Optical Character Recognition” at International Conference on Multidisciplinary Technologies & Challenges in Industry 4.0 organised by EPCET on 18th-19th September 2020.
- Prof. Manimegalai has presented a paper on “Prediction model for Pneumonia using CNN & RPA” at International Conference on Multidisciplinary Technologies & Challenges in Industry 4.0 organised by EPCET on 18th-19th September 2020
- Prof. Divya U H has presented a paper on “A Survey on detection of malpractices in examination Surveillance Video” at International Conference on Multidisciplinary Technologies & Challenges in Industry 4.0 organised by EPCET on 18th-19th September 2020.
- Prof. Kesavan has presented a paper on “Disease prediction using improved c4.5 and SVM classification algorithms on hadoop map reduce” at International Conference on Multidisciplinary Technologies & Challenges in Industry 4.0 organised by EPCET on 18th-19th September 2020
- Prof. Shilpa Patil Presented a paper on “Automated Email Monitoring for Covid cases using Robotic Process Automation for hospitals” at International Conference on Multidisciplinary Technologies & Challenges in Industry 4.0 organised by EPCET on 18th-19th September 2020.



“The achievement of organisation is the combined effort of each individual”

-VINCE LOMBARDI

Department Activities

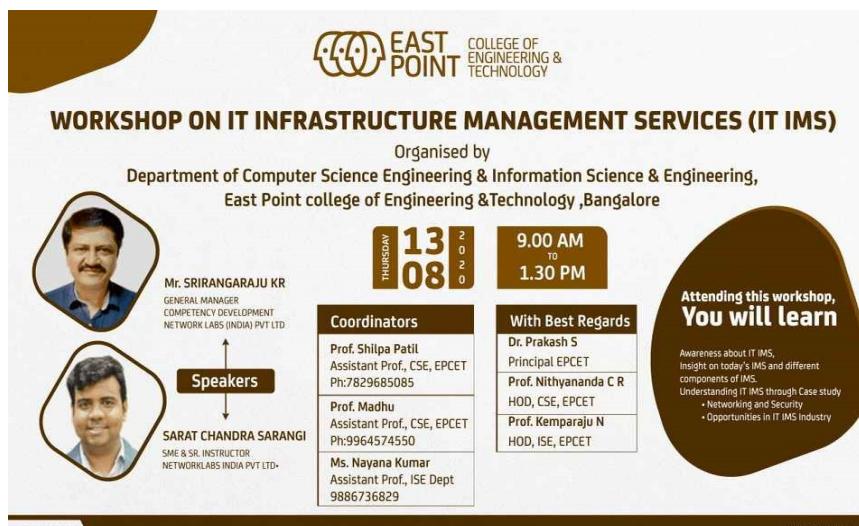
1. Department of CSE organised a Distinguished Lecture Series on “Implementing IoT Solutions-Challenges & Opportunities on 28th October 2020. Resource person was Mr. S A Srinivasa Moorthy, Founder Director-Design Engineering, D4X Technologies Pvt. Ltd.



2. To keep up the cultural spirit, Department of CSE celebrated Ayudh Pooja on October 21st 2020 with great enthusiasm.



3. Department of CSE/ISE organised one day workshop on IT infrastructure Management & Services on 13th August 2020. Speakers were Mr.Srirangaraju K R and Sarat Chandra Sarangi from Networks Labs, India Pvt. Ltd.



4. The department of Computer Science and Engineering conducted a technical seminar for students based on Current Technologies & Trends. The seminar was conducted for the students of 3 rd, 5th , and 7 th sem. Students gave a technical seminar on Data Science, Block Chain, IOT, Data Security. Mr Kishore B T, salesforce MVP, BLRDEVX Founder addressed the students on the salesforce technology.



5. Department of CSE had organised various Co-curricular activities for students from different semesters



6. Students and Faculties from CSE participated in the plantation drive organised by EPCET



7. Faculties and students from CSE department were part of Blood Donation Camp organised by East Point Group of Institutions



"Coming together is a beginning, keeping together is a progress, working together is a success"

-HENRY FORD

Industry Institute Integrated Learning Programs

East Point College of Engineering & Technology has incorporated Industry integrated certification programs as value added programs to foster the interaction between faculty, staff and students with industry. Many Study Jams, Workshops, Webinars in association with the academic alliance partners have been conducted for the benefit of students. We at CSE Department provide the following IILP courses to the students

- 1)Salesforce
- 2)UiPath, Global Automation Company
- 3) VMware - IT Academy
- 4)AWS Academy
- 5)CISCO Networking Academy
- 6)Google Cloud Readiness Program

Salesforce

Salesforce provides online journey for students to learn everything from the fundamentals of the Salesforce platform, to the automation, security, and coding. For which salesforce provides curated content to help students learn the Salesforce skills that employers seek. Our College is having an exclusive tie-up with Salesforce, so that students will be trained systematically from basics to advance levels in salesforce.

Students will cover the 6 Trailmixes to complete the course and become eligible for placements. Exclusive slots in regular timetables, Offer bootcamps by industry experts and salesforce team. Separate dedicated labs to work on salesforce, Faculties are trained to support students in their salesforce journey, Among the participating institutions our institution students are leading in getting Super Badge Credential - PD1, These skills will boost the Confidence in students & Students will be Industry ready.

Currently **Prof. Rashmi**, Faculty of CSE is training the students on Salesforce Trailmixes. 11 from 5th sem and 15 from 7th sem have enrolled to the course and getting trained. Many of the students have acquired the ranger badges. Two students from 2020 outgoing batch have cleared the salesforce administrator certification and have got placed in Salesforce partnering companies



Amazon Web Services (AWS)

East Point College of Engineering and Technology has been accepted into the AWS Academy program with Amazon Internet Services Private Limited ("AISPL") and is authorized to administer and deliver the AWS Academy Cloud Computing Architecture curriculum.

AWS Academy Cloud Foundations (ACF)- AWS Academy Cloud Foundations is intended for students who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support. Upon Completion of the course students will be able to take up **AWS cloud practitioner**

Certification. AWS Certification validates cloud expertise to help professionals highlight in-demand skills and organizations build effective, innovative teams for cloud initiatives using AWS.

Cloud Practitioner, Architect, Developer, and Operations roles are the job roles offered after this certification.

Ten students from 7th semester CSE have cleared the AWS cloud practitioner Certification. Currently 20 students from 5th sem and 17 students from 7th sem have enrolled to the course and undergoing the certification training.

UiPath RPA (Robotic Process Automation)

EPCET has signed an MOU with the leading automation company UiPath. College receives curriculum, course content, learning materials, regular educator training and software tools, to provide training to their students on Robotic Process Automation Design & Development certification course. It's a 60-hour Duration Course (40 hours Conceptual +20 hours labs and Capstone projects). By the end of the course students will be able to use the UiPath tool and write RPA programs and build their own BOTS. Upon successful completion of the course, the students will be able to take up UiPath RPA Developer Certification which will help them to fetch job profiles like Junior RPA developer etc.

Currently **Prof. Shilpa Patil** from CSE department is training the students on RPA certification Course. Nearly 30 students from 2020 Outgoing batch have completed the course and preparing for certification course and have implemented various projects using RPA. Currently 100 students from different branches and semesters have enrolled to the course and undergoing training on RPA certification course

Industry Institute Integrated Learning Programs

CISCO-Networking Academy

EPCET partners with Cisco Networking Academy - a global IT and cyber security education program to empower all people with career opportunities. It is Cisco's largest and longest-running Cisco Corporate Social Responsibility program.

With these students can -

Build simple LANs, perform basic configurations for routers and switches, and implement IPv4 and IPv6 addressing schemes.

Configure routers, switches, and end devices to provide access to local and remote network resources and to enable end-to-end connectivity between remote devices.

Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.

Configure and troubleshoot connectivity using security best practices.

Currently Prof. Ravikumar from CSE Dept. is training the students on CCNA certification course.

VMware – IT Academy

East Point College of Engineering and Technology has come up for the betterment of students in upgrading their skills by inaugurating VMWare IT Academy Program

VMWare partnership with NDG(Network Development Group) introduces 3 micro courses for the students benefits Cloud and Virtualization concepts, Network Virtualization concepts, Software defined storage concepts

The course is designed to prepare for VMWare's VCA (VMWare Certified Associate) Digital Business Transformation (VCA-DBT) video-based course or the IT solution for Digital Businesses course offered by a VMWare IT Academy. Upon completion of certification, the students will be able to gear up for job profiles like systems administrator, system engineer, architect, information technology consultant, senior system analyst/ Engineer, Technical consultant and executive roles.

Prof. Heena Kousar, Faculty of CSE Dept., is training the students on VCA certification. There are 13 students from 5th sem and 4 students from 7th sem who have enrolled for the course. Many students have completed the course and obtained several badges.

Google Cloud Readiness Program (GCP)

As part of Google's student-focused skill initiative, Google Cloud has launched a student-focused Cloud Engineer Career Readiness Program. East Point has joined the Google Cloud career readiness program to enable students of all backgrounds the ability to prepare for cloud careers by building deep expertise through industry-recognized training, skill badges, and certifications. Hands-on labs on Qwiklabs is available to students as a part of GCP. The program offers market-ready curriculum to help students from higher education institutions achieve industry readiness by completing the Associate Cloud Engineer Certification. Students get expertise in – end to end cloud infrastructure management, across the public and private clouds. After the completion of all quests the students are eligible to take up the Associate Cloud Engineer Certification. Many of the students have completed several quests and undergoing Google facilitator program

Dr. Shanker Ganesh, faculty of CSE is leading the training session for students and helping the students complete the quests as a part of GCP. Currently 15 students from 7th sem have enrolled to the course and undergoing the GCP training.

Student's Speak

Rahul Upadhyay
2020, Batch

Being graduated from EPCET gives me immense pleasure and after my graduation I could see lots of changes in infrastructure, especially the teaching methodology department has improved a lot, all the labs have been improved. The exceptional programs like IILP and teaching methodologies backed by practical skills and industry interface have given me the confidence to pursue my career ahead. The college environment provides us a platform where we can develop ourselves uniquely. I am proud to say that I am a certified Salesforce Administrator. Currently I am working with Eternus Solutions Pvt

Abhay J Rajpara
2020, Batch

Being a part of EPCET was one of the best decisions I had taken, ranging from studies to extra-curricular opportunities, it has never failed to break my shell of hesitance as I refer to it, and help me develop in every way possible. Plethora of opportunities are made available by the college, where students can exercise and develop skills such as management, punctuality and a sense of responsibility, it only depends upon oneself to pick them up with a new zeal and enthusiasm and gain experience. The Mentors were always so approachable and we could share our problems with them and have them worked out. Currently I am working with Incadea Pvt. Ltd.

Shreya M
7th Sem Student

I'm a student of 7th sem, B.E, CSE at EPCET. My experience so far in the college has been amazing. Our Principal, Dr Prakash is an enthusiastic person who believes in skills and not grades. He's brought many opportunities for us to learn industry skills. Our CSE Dept. is extremely supportive and our faculties motivate us to do better at everything at each and every step. I've been placed in 2 companies: Altorum Leren & JARO Education and it has been possible because of the best placement training that we received.

Sudha Kokitkar
2020 Batch

Being a part of new beginnings is always special and so is my journey has started off along with EPCET. Looking back, I can certainly say that EPCET was the most important milestone in shaping my career. EPCET provides, best in class faculty from industry and hands on experience from various training (IILP). Throughout the academic sessions, I was challenged to discover capabilities that I never knew I had. Along with academics, the University focuses on personality development which helped me build a rewarding career. I am proud to say that, I am placed at TCS

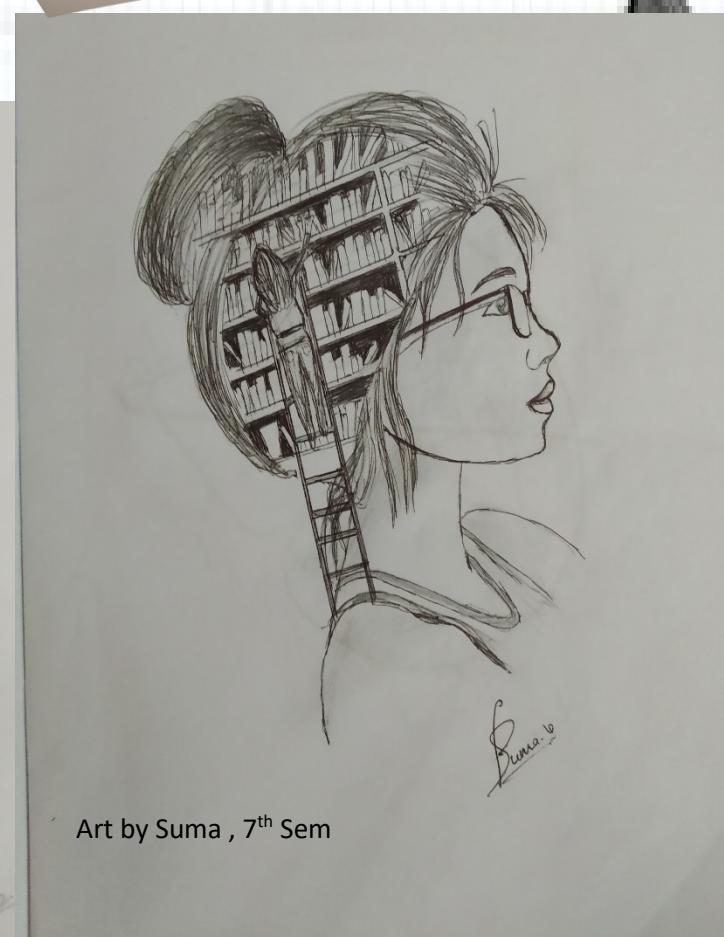
Talent Zone



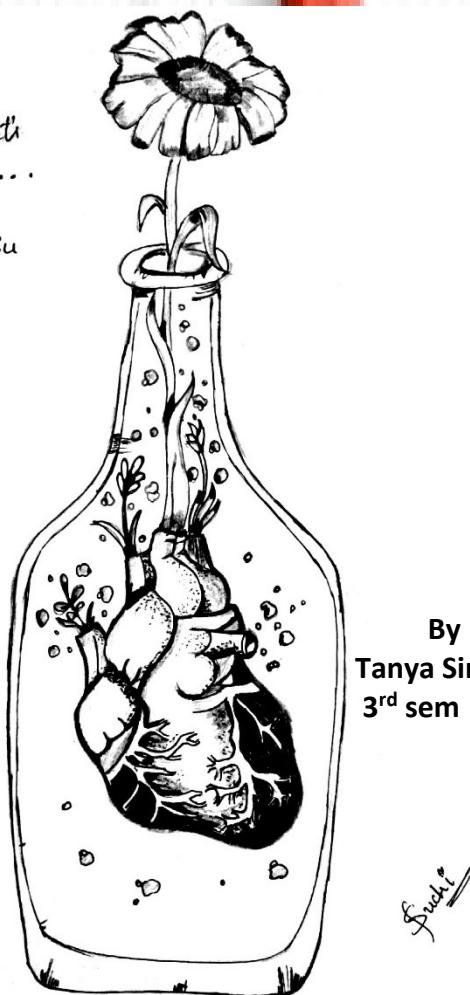
1 Mann aaj kahi kho gaya hai,
 Dil me hulchul machi hai.
 Hosla toot raha hai,
 Dil dagmaga rahi hai.
 Isi hulchul ke beech,
 Aapki baate sunayi de rahi
 hai,
 Aapki aankhe, aapki muskaan
 dikh rahi hai.
 Kanha ke bansuri se bhi
 madhur sur aapki,
 Gunguna rahi hai kaano me.
 Aapki wo waade yaad aa rahi
 hai,

Sukoon sa chaa raha hai.
 Himmat laut rahi hai,
 Mehfooz hone ka ehsaas hai.
 Aur ho bhi kaise na?
 Mere big bro, mere CHAAA,
 Aap jo mere saath hai.
 Zindagi ek safar me,
 Apni choti behen ke haath thame
 chal rahe ho.
 Dill mera shanth kaise naa hota.
 Dill mera shanth kaise naa hota

By
 Shreya Mahesh
 7th Sem

Art by Suma , 7th SemArt by Suma , 7th Sem

Plant hope
in your heart's
wounds....
- Alexandra Vasiliu



We are moving to.....,
Moving to days
When time shall fly slower than heart
beats,
When oxygen shall be bought by
pennies,
When the only water around will be
those flowing out of huge industries we
boast of,
And only source of happiness will
Be getting to live a normal life.

By
Tanya Singh
3rd Sem



By
Kesia Aji, 5th Sem

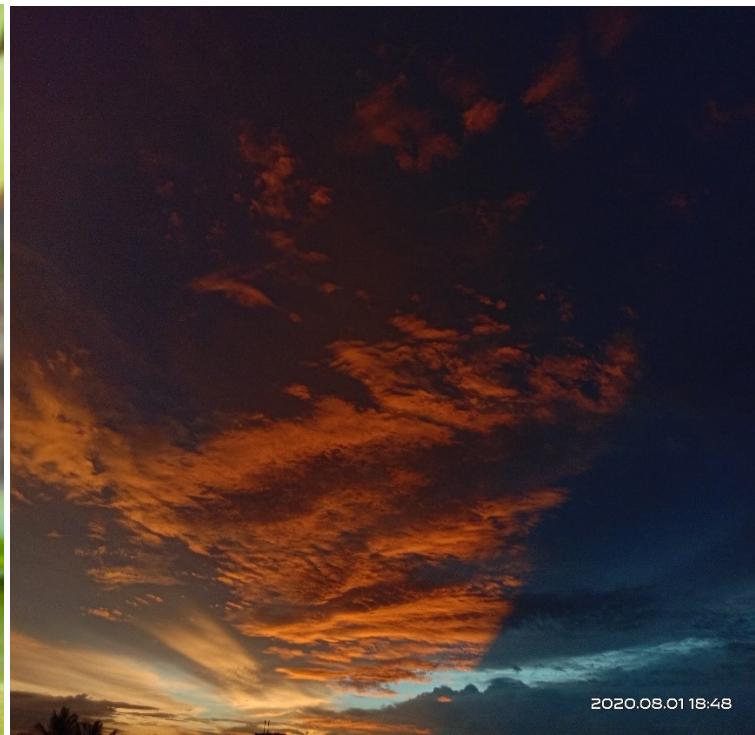
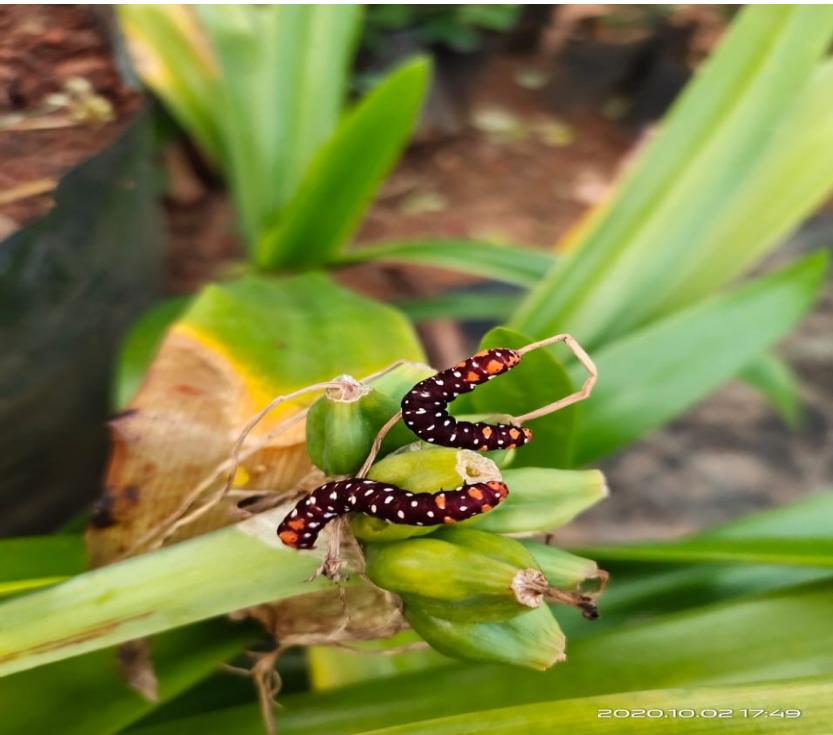


By
Likhitha R, 5th Sem

Photography

By
Kesia Aji, 5th Sem





Effect of Covid-19 Pandemic on Civic Jobs

The world we live in now is no longer the world that we knew.

The COVID-19 also known as the corona virus is considered to be the biggest global pandemic and is believed to affect the lives of billions of people across the globe more than the world war-2. A labour market crunch right now can easily turn into a nightmare.

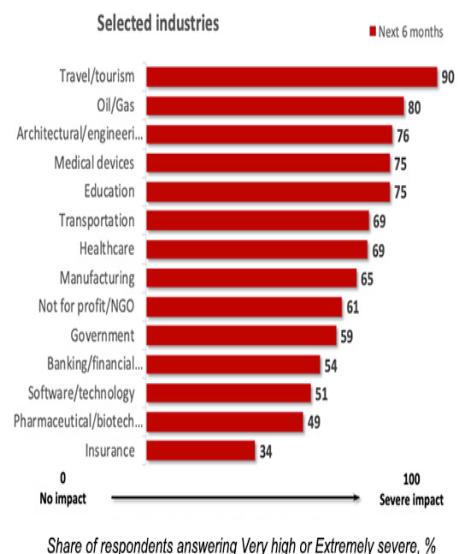
It has already started its effect on the non-organized areas such as daily wage and other jobs. Over all, about 136 million non-agricultural jobs are at immediate risk, estimates based on National Sample Survey (NSS) and Periodic Labour Force Surveys (PLFS) data suggested.

It is going to affect the civic jobs predominantly across the world especially in India. As the government of India is spending millions of rupees to overcome the situation of the COVID, they will have to cut down the man power to maintain the budget. If the situation does not improve soon, the appointments in the organized sector is going to see a downfall by 15-20%.

According to a source, at a very broad level, a single day of a complete shutdown which entails zero production of goods and services involves around Rs 50,000 crore of real GDP and hence a 10-day shut-down would be Rs 5 lakh crore or 3.4 percent of GDP i.e., from around Rs 146 lakh crore in FY20 to Rs 141 lakh crore.

As the government has already completed more than 30 days of complete lockdown, it is under huge loss and is facing issues in supplying enough funds to face the pandemic and also is not able to generate enough funds to pay to the current employees and are enforcing pay cut.

There would be recession in the civic jobs as well. The need for employers would be reduced. Besides, this there is possibility of more demands for more reservations in government. People would demand for various reservations which could also affect the quality of the work. There are high chances of the needy not getting a job and also the one less capable.



Existing employers of the government are a part of front-line workers in this situation and are facing innumerable difficulties due to lack of facilities and if this continues at this rate, the civic jobs will have severe impacts and a few organizations might be forced to shut down resulting in loss of thousands of jobs.

Experts have said that though recovery can happen in the next few months this year will be very difficult year for India and would be difficult for the workers to recover, as there would be very limited hiring in the times to come.

All we can do is to be mentally prepared and hope that the pandemic curve is flattened soon and expect for better times in future.

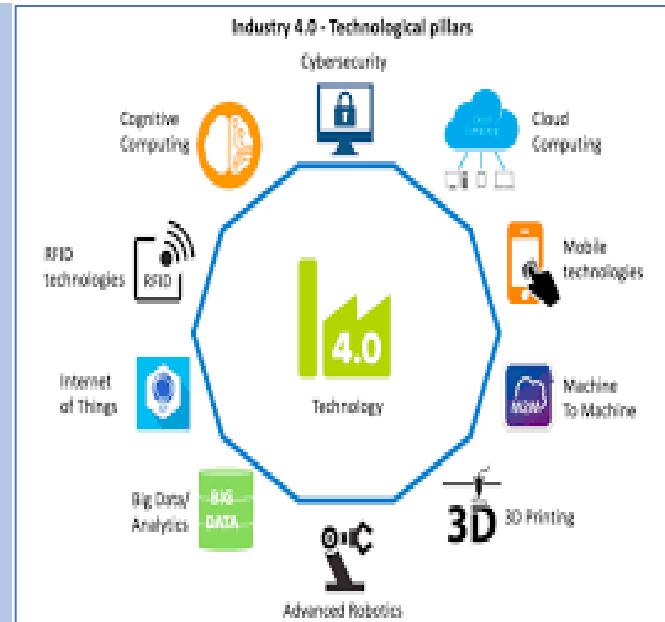
By
Shreya Mahesh
7th Sem

INDUSTRY 4.0

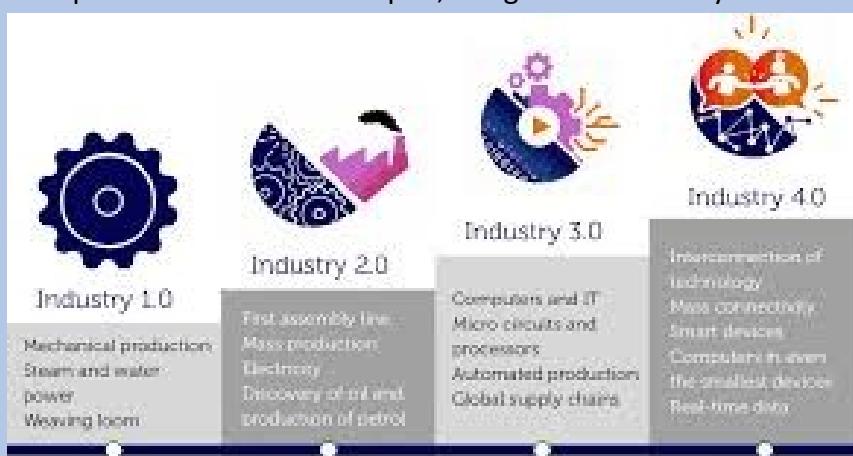
The fourth industrial revolution has begun and You have the chance to be a part of it. This is not going to be like before it's not about the steam that powered our factories in the first revolution or the mass production models that dominated the second or even the emergence of computer driven systems from the third revolution that we're living in today industry 4.0 is about connectivity. It's an opportunity to radically change the way industry responds to the needs of society as previous industrial revolutions were led by innovations in manufacturing process and systems.

The advancement of industry 4.0 will be driven by a smart interconnected pervasive environment. The opportunities for the disruption are huge and those left behind will feel it acutely. There is still place to leaders of this new revolution to emerge but the race is already started, understanding what current leaders are doing will help you join them. In modern industries work in production, there is one central mind that knows what the finished product will look like .This mind is a central control unit ,communicating with the individual modules , this avoids the detour over a central hub during production of any products saves a lot of time .The input from all the sensors and engines of the machines are being processed locally in the modules.

So this means the control function has now been distributed there's an intelligence and self-organised assemble, the communication path grow shorter. Most areas currently using industry4.0 leaders are focusing on. Leaders are planning ahead with clear strategic vision driven by performance and tying investment to proven opportunities for growth, progress, and innovations they are focused on discovering how smart products and processes can be developed, integration is the key.



The major players are moving away from isolated silo driven development which limits scope and value of new projects instead they are moving towards large scale and proactive integration across their enterprise and among their customers supply base and products to ensure they are aware of every possible opportunity industry 4.0 technology has to offer. Perhaps most importantly they are not afraid to think big and act bold this means nurturing innovation developing disruptive thought processes aimed at devastating the status and looking for opportunity in every element of their value chain from which products are designed and how they are produced and to whom they are sold to and how they are purchased. This is the time for the manufacturers to step up and start making smart and bold moves. If not in this competitive world they could be left behind.



By
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5th Sem CSE

Industry – 4.0 & Cybersecurity

Industry 4.0:

Nowadays, most of the people know about Industry 4.0. If we go deeper about this, Industry 4.0 was coined by founder of 'World Economic Forum', Klaus Schwab.

In this era, technology is driving change across all areas of society. Almost every work is automated by using 'Real Time Data' and 'Artificial Intelligence'. It helps us to save time and concentrate on complex systems for unknown future possibilities. The main difference between third and fourth industrial revolution is, technology is merging more & more with human lives. Technology change is faster than ever in this era. For example, it took 75 years for telephone to gain 100 million users. Whereas Instagram got 100 million users in just 2 years.

Risk:

Experts says that, we are in 'Winner-Takes-All' economy. Because Innovators, Investors, Shareholders are the most benefited person's which leads to inequality in society. Recent studies shows that AI eliminates some jobs to create demand for new skills that many workers don't have, leads to increase in unemployment.

Cyber Security:

Cyber security is a key enabler for Industry 4.0. 'Anupama Suresh Mehra' of ENN explores the new cyber security threats to the banking sector and industrial best practices to overcome them. Cyber Security is the biggest challenge to Industry- 4.0.

Cyber security is important because government, military, corporate, financial, and medical organizations collect, process, and store unprecedented amounts of data on computers and other devices. A significant portion of that data can be sensitive information, whether that be intellectual property, financial data, personal information, or other types of data for which unauthorized access or exposure could have negative consequences. Organizations transmit sensitive data across networks and to other devices in the course of doing businesses, and cyber security describes the discipline dedicated to protecting that information and the systems used to process or store it



Cyber Attacks:

Financial institutions are the main targets for cyber Attacks. And the reason is quite simple, banks are where the money is which makes it a prime target for cyber criminals. On the National and International level, there has been a steep rise in the cyber security cases. This type of breaches not only leaves the banks and organizations with financial loss but also potentially erode substantial brand value. Even RBI has been taking proactive steps in the right direction in order to curb fraud. According to Microsoft, more than 80% of World's largest banks and more than 75% of the most important financial institutions use Azure- solid proof of the cloud's attractiveness for the financial industry. But storing data fully on the cloud doesn't ensure 100% security. In order to fight cybercrime, banks need to make sure to hire skilled labour & invest heavily into the systems. It needs to keep a check on cybercrime protection. They need to keep themselves updated to keep up with increasingly sophisticated cyber Attacks.

*By
Sindhu,
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Forest fires in Uttarakhand and the government's stand on the normalcy

What are forest fire?

It is a natural phenomenon that occurs in combustible vegetation due to high temperatures. It is considered to have both advantages and disadvantages. Forest fires such as ground fires are advantageous as they rejuvenate the land and soil. Crown fires are dangerous and is capable of endangering the wildlife and total destruction of the forests.

Uttarakhand forest fires:

They occur in uttarakhand every year in the summer as the climatic conditions are extremely hot. The number of incidents and the spread of the wildfire across the forest vary every year. Fewer the number and less the spread is good for all the life in and around the forest.

In the year 2016, uttarakhand had faced one of the largest and dangerous wildfires ever. It was spread enormously and had burned an area of around 4048 hectares (10,000 acres) of land and lead to 7 casualties.

This year, May 2020 also saw fires in the forests of uttarakhand. There were pictures of wildfires going viral all over the social media and the netizens claimed them to be of the fires in uttarakhand that broke out on 23rd May, Saturday, this year.

The government has shown normalcy as these pictures and videos that are being spread on the social media are fake. The forest department of uttarakhand has not ignored this situation and has investigated the complete scenario, using the satellite technology as well and have reported them to be fake. The forest department of uttarakhand released a statement on it's official twitter account which quoted:

“Fake news of forest fire 2020 in Uttarakhand are being circulated on social media. After verification of such images it has been found that these images are fake. Few such images are being uploaded by us. It is our request to kindly do not spread fake news.”

Also, Mr. Jai Raj, principal chief conservator of forest, Uttarakhand has stated that the fires shown in the pictures are of crown fires and such fires do not occur in Uttarakhand and they are restricted to ground fires.

He also stated the number of fires this year is about 62 and is comparatively less to that of last year. He also mentioned that the loss has been about approximately 3 lakh rupees and the land lost is around 100 hectares.

According to the video shared by the journalist Gargi Rawat, Dr Parag Madhukar, Conservator, forest department says that the fires are under control and none of the fires are enormous and the weather conditions have been favourable this year and claims that it has been raining as well and the situations are under control.

He also urges not to share and spread such rumours.

Celebrities have also taken to social media to spread awareness about these fires and are doing what they can.

The government is taking its measures and are keeping the situation in control.

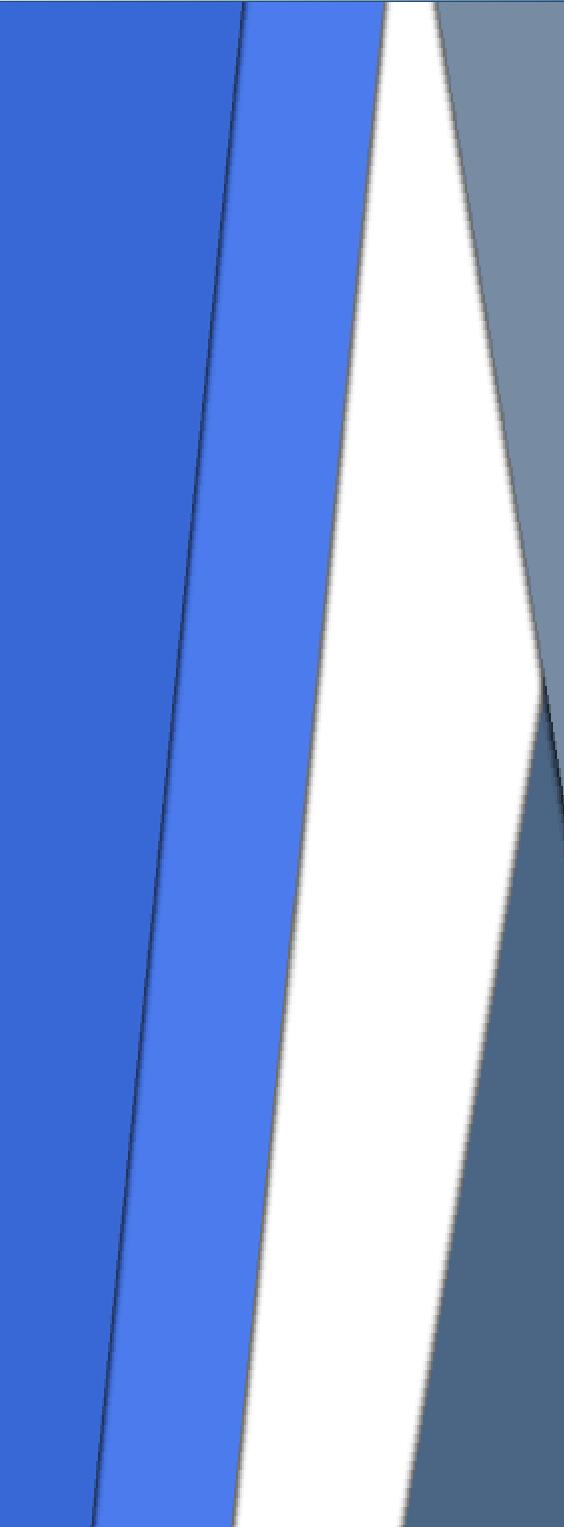
We being responsible citizens of the country, it is our duty to be responsible and get our facts checked before sharing any such news.

Let us pray that the forests are rejuvenated.

Let us spread awareness and pledge not to spread rumours.

Let us plant more trees for a better place to live in.

By
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