



DR SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

DSEC E-TECH NEWS



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

An Official Bi-Annual Newsletter for internal Circulation

SPECIAL VOLUME

COVID 19 LOCKDOWN

Date:10/05/2020

Message

ADVISOR

DR. OM PRAKASH SHARMA
PRINCIPAL, DSEC

COORDINATORS

PROF. RINKU SUPAKAR
HOD-CSE

FACULTY COORDINATORS

MR. ANJAN KUMAR PAYRA
ASSISTANT PROFESSOR, CSE

MR. ABISHEK BAYSACK
SYSTEM ADMINISTRATOR

STUDENT COORDINATORS

MR. DIPAYAN RAY
MISS. BIPASHA PAL

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Dr. Om Prakash Sharma
Principal
Dr. Sudhir Chandra Sur
Degree Engineering
College

The key to Happiness is not that you never get Angry, Upset, Frustrated, Irritated or Depressed. It's how fast you decide to get out of it.

I am glad to convey my best wishes and message through this newsletter during this crisis period when everyone are fighting hard to combat with Covid 19, to all faculties, staff and students of Department of CSE.

Dear Students, If you are determined to work hard to achieve your goal, nothing in this world can deter you from achieving your goal. However, if at the outset you fail to get your goal, figure out whether something change needed in your set goal as per your potential. Again work with great vigor you will definitely achieve your goal. If you have set your goal, strive hard to achieve it and the success will be yours. Taking excuse for not doing things is very easy, equally easy is finding reasons, ways and means for doing it. Your enthusiasm, support and cooperation during this crisis period are appreciable. Covid-19 has given us many reasons to look into the other side of the table. Mother Earth, Nature, Plants, Animal and Birds are demanding many things from the Human being. It's right time to understand the need of the day. Education and learning can't be stopped. Love, affection, respect, kindness, desire, positive attitude and optimistic approach can't be locked down. Try to develop positive mindset and attitude, so that a value based success and goal can be achieved.

A quotation for all my budding technocrats

"I was always looking outside myself for strength and confidence, but it comes from within. It is there all the time."

– Anna Freud

Till next newsletter all the best!

- Dr. Om Prakash Sharma
Principal



Prof. Rinku Supakar
HOD,CSE

We from the Dept. of CSE welcome you in the fascinating world of reality vs. virtual reality, from modelling to simulation, from action to implementation of real world dynamics, engineering, algorithm. Here we start from the basic of mathematics, physics, earth science etc. to a smoother interface in day to day life. E.g. medical electronics, rocket engineering, and undersea navigation everywhere we are here. The course started with basic students passing out of the department are ready for a lifelong learning. The Department provides a blooming environment to both students and faculties. We also interact with industries and research organizations by signing MOUs. I would like to extend a warm welcome to all future engineers and research scholars to be associated with the research activities at Department of CSE.

Prof. Rinku Supakar
HOD,CSE

Vision

To address the challenges of societal needs and global industry requirements in the area of Computer Science & Engineering with state of art education and research.

Mission

- ❖ To provide an environment for education, research and development by imparting sound theoretical knowledge and practical skills in Computer Science & Engineering.
- ❖ To produce skilled graduate Engineers capable of designing solutions for industry and society.
- ❖ To inculcate work ethics and commitment in students for their future endeavors to serve socio-economic needs.
- ❖ To produce graduates with personal and professional responsibilities with dedication to lifelong learning.

PEOs

- ❖ Graduates will work efficiently as computer science engineers revealing ethical knowledge and leadership qualities in multi-disciplinary areas.
- ❖ Graduates will accustom with varying technologies, tools and societal requirements.
- ❖ Graduates will design and develop solutions that meet individual and industry needs.
- ❖ Graduates will be motivated for life-long learning to adapt the innovation and changes through research and development.

POs

PO#1: Engineering Knowledge: Apply knowledge of mathematics and science, with fundamentals of Computer Science & Engineering to be able to solve complex engineering problems related to CSE.

PO#2: Problem Analysis: Identify, Formulate, review research literature and analyze complex engineering problems related to CSE and reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PO#3: Design/Development of solutions: Design solutions for complex engineering problems related to CSE and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations

PO#4:Conduct Investigations of Complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions

PO#5: Modern Tool Usage: Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to computer science related complex engineering activities with an understanding of the limitations

PO#6: The Engineer and Society: Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice

PO#7: Environment and Sustainability: Understand the impact of the CSE professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development

PO#8: Ethics: Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO#9: Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary Settings

PO#10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large such as able to comprehend and with write effective reports and design documentation make effective presentations and give and receive clear instructions.

PO#11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary environments.

PO#12: Life-Long Learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning the broadest context of technological change.

Editorial

Its fine to celebrate success but it is more important to heed the lessons of failure. – Bill Gates.

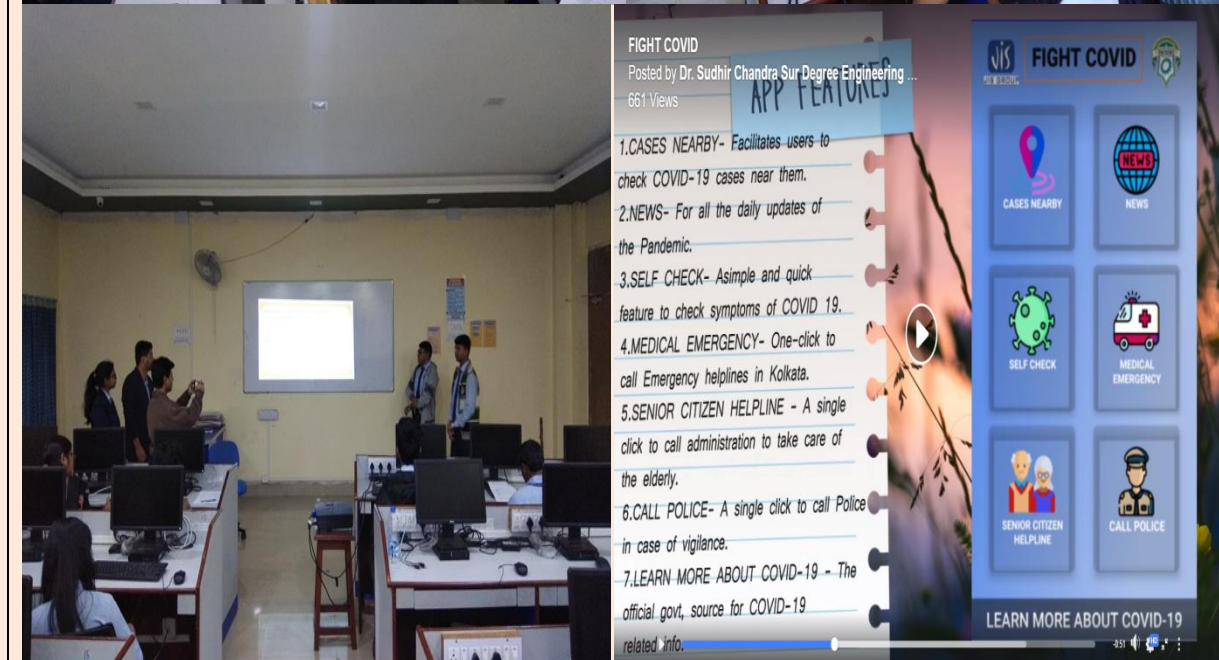
Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning.- Albert-Einstein

"EDUCATION is only the weapon to change EVERYONE" - Members, Editorial



Back Bone of the Department

Ms RinkuSupakar	Ms Madhusmita Mishra	Ms Debdatta Chatterjee	Mr Anjan Payra
Mr SovanSaha	Mr AbhishekBysack	Mr Maheswar Das	Ms Jhuma Biswas
Ms Isheta Das	Ms ShohineBasu	Mr Manoj Pandey	



**“All power is within you;
You can do anything and everything.”**

-
Swami Vivekananda

Events of the Department

Webinar on Ethical Hacking in association with CSE department of Dr. Sudhir Chandra Sur Degree Engineering College On 31st MARCH, 2020.

<https://www.facebook.com/dcsdecolleage/posts/2261730070789843>

Dept of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized Webinar on 'Artificial Intelligence' in association with Aspirevision Tech Education Pvt Ltd, on 4th April 2020.

<https://www.facebook.com/dcsdecolleage/posts/2265483910414459>

The PTM (Parents Teachers Meeting) Semester A.Y. 2019-20 of the Computer Engineering Department was conducted on 9th April, 2020 at 11.00 a.m. to 1.00 p.m.(online) through Zoom Platform.

The Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized a Webinar on "Recent Trends of Emerging Technology in IT Trends " by an alumni of our Department Mr. Abhimanyu Prasad, who is currently working as a software Engineer in Zenser Technologies on Thursday April 16th, 2020 from 4.00 pm.

<https://www.facebook.com/dcsdecolleage/posts/2272922426337274>

Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized a online coding contest on 18th April 2020 in order to promoting coding skill and attitude of the students.

<https://www.facebook.com/dcsdecolleage/posts/2275326082763575>

The Department of CSE of DSCSDEC has organized a webinar on "Agile Project Management "on 1st May 2020.

Resource Person - Ms. Iti Ipsita, Production Specialist, CTS

Department of CSE of DSCSDEC has organized a webinar on "PEGA: Customer Engagement and Intelligent Automation "on 2nd May, 2020.

Resource Person Mr. Rajarshi Bhattacharyya, Business Analyst, Tata Consultancy Services

Students Achievements and Participation

Student are participated in Webinar on Ethical Hacking in association with CSE department of Dr. Sudhir Chandra Sur Degree Engineering College On 31st MARCH, 2020.

<https://www.facebook.com/dcsdecolleage/posts/2261730070789843>

Innovative presentation by Mr. Niladri Ash, 2nd year student of Dept. of CSE, of Dr. Sudhir Chandra Sur Degree Engineering College on 3rd April, 2020.

<https://www.facebook.com/dcsdecolleage/posts/2266479196981597>

Student are participated in Webinar on 'Artificial Intelligence' in association with Aspirevision Tech Education Pvt Ltd , on 4th April 2020, from 11 AM onwards.

<https://www.facebook.com/dcsdecolleage/posts/2265483910414459>

Corona Awareness Film created by Aritra Adhikary, Department of CSE, Dr. Sudhir Chandra Sur Degree Engineering College on 9th April,2020.

<https://www.facebook.com/dcsdecolleage/posts/2270263299936520>

Students are participated in a Webinar on "Recent Trends of Emerging Technology in IT Trends " by an alumni of our Department Mr. Abhimanyu Prasad, who is currently working as a software Engineer in Zenser Technologies on Thursday April 16th, 2020 from 4.00 pm.

<https://www.facebook.com/dcsdecolleage/posts/2272922426337274>

Students are participated in an online coding contest on 18th April 2020 in Department of CSE.

<https://www.facebook.com/dcsdecolleage/posts/2275326082763575>

Students are participated in a webinar on "Agile Project Management " on 1st May 2020.

DSEC E-TECH NEWS

Resource Person - Ms. Iti Ipsita, Production Specialist, CTS.

An Innovative Multi-featured Fight Covid -19 App launched by students of Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College.

<https://www.facebook.com/dcsdecolle/posts/2277579482538235>

Students are participated in a webinar on “PEGA: Customer Engagement and Intelligent Automation “on 2nd May, 2020. Resource Person - Mr. Rajarshi Bhattacharyya, Business Analyst, Tata Consultancy Services

Workshops, Seminars & Webinar

CSE department of Dr. Sudhir Chandra Sur Degree Engineering College has organized Webinar on Ethical Hacking on 31st MARCH, 2020.

<https://www.facebook.com/dcsdecolle/posts/2261730070789843>



DR. SUDHIR CHADRA SUR DEGREE ENGINEERING COLLEGE
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WEBINAR ON
Ethical Hacking using Python

31st March, 2020 (Tuesday)
Time: 11 a.m to 1 p.m

ARDENT COMPUTECH PVT. LTD.

In association with
CSE Department of DSCSDEC

The poster features a blue background with a glowing laptop displaying code, a shield, and binary code. Logos for DSCSDEC, ARDENT COMPUTECH PVT. LTD., and JIS GROUP are visible.

Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized Webinar on 'Artificial Intelligence' in association with Aspirevision Tech Education Pvt Ltd , on 4th April 2020.

<https://www.facebook.com/dcsdecolle/posts/2265483910414459>



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540, Dum Dum Road, Surer math, Kolkata -700074
phone: +91 33 25603889, Website: www.dsec.in, Email: info@dsec.ac.in

WEBINAR ON
Artificial Intelligence

By
Aspirevision Tech Education Pvt Ltd

4th April, 2020 (Saturday)
Time: 11 a.m onwards

In association with
CSE Department of DSCSDEC

The poster features a person in a dark suit holding a glowing tablet with a blue circuit board pattern. Logos for DSCSDEC and JIS GROUP are visible.

The Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized a Webinar on “Recent Trends of Emerging Technology in IT Trends“ by an alumni of our Department Mr. Abhimanyu Prasad, who is currently working as a software Engineer in Zenser Technologies on Thursday April 16th, 2020 .

<https://www.facebook.com/dscsdecollege/posts/2272922426337274>

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WEBINAR ON
Recent Trends of Emerging Technology in the IT Industry
 TIME: APRIL 16TH, 2020
 04:00 PM ONWARDS

ABHIMANYU PRASAD
 SOFTWARE ENGINEER
 ZENSER TECHNOLOGIES
 DSCSDEC ALUMNI
 BATCH OF 2017, CSE

ORGANIZED BY
 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

JOIN ZOOM MEETING :
 HTTPS://US04WEB.ZOOM.US/J/2183828534?PWD=WLZIMDNKUGNXZ
 HCIRG9POWJTNNNSDZ09
 ID: 218 382 8534
 PASSWORD: 4UCAYY

The Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized a webinar on “Agile Project Management“ on 1st May 2020.

Resource Person
 Ms. Iti Ipsita,
 Production Specialist,
 CTS

Scrum Framework

Release Planning Meeting
 • Establish release goal
 • and the highest priority features the release will contain
 • Determine the probable delivery date, costs

Sprint Planning Meeting
 • Review Product Backlog
 • Sprint Goal
 • Estimate Sprint Backlog
 • Commit to the Sprint

Daily Scrum
 • Done since last meeting
 • Plan for today
 • Obstacles?
 24 hours

Sprint
 1-4 weeks

Sprint Review
 • Demo features to all
 • Discuss what's done and what isn't done
 • Sprint Retrospective
 • Inspect and Adapt

Product Backlog
 Prioritized Features desired by Customer

Sprint Backlog
 Features assigned to Sprint
 Estimated by team

Potentially Shippable Product Increment

"Scrum is kind of like poker; you can learn the rules in 10 minutes, but it takes a long time to get great at it."

Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College has organized a webinar on “PEGA: Customer Engagement and Intelligent Automation” on 2nd May, 2020.

Resource Person
Mr. Rajarshi Bhattacharyya,
Business Analyst, Tata Consultancy Services

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#JISGroup
#EducationBeyondOrdinary
#GharPePadhaiCoronaSayLadai

WEBINAR

ON

PEGA : Customer Engagement and Intelligent Automation

2nd May, 2020 (Saturday)
11 a.m

URL : <https://bluejeans.com/791154905>

Organised by
Department of CSE, DSCSDEC

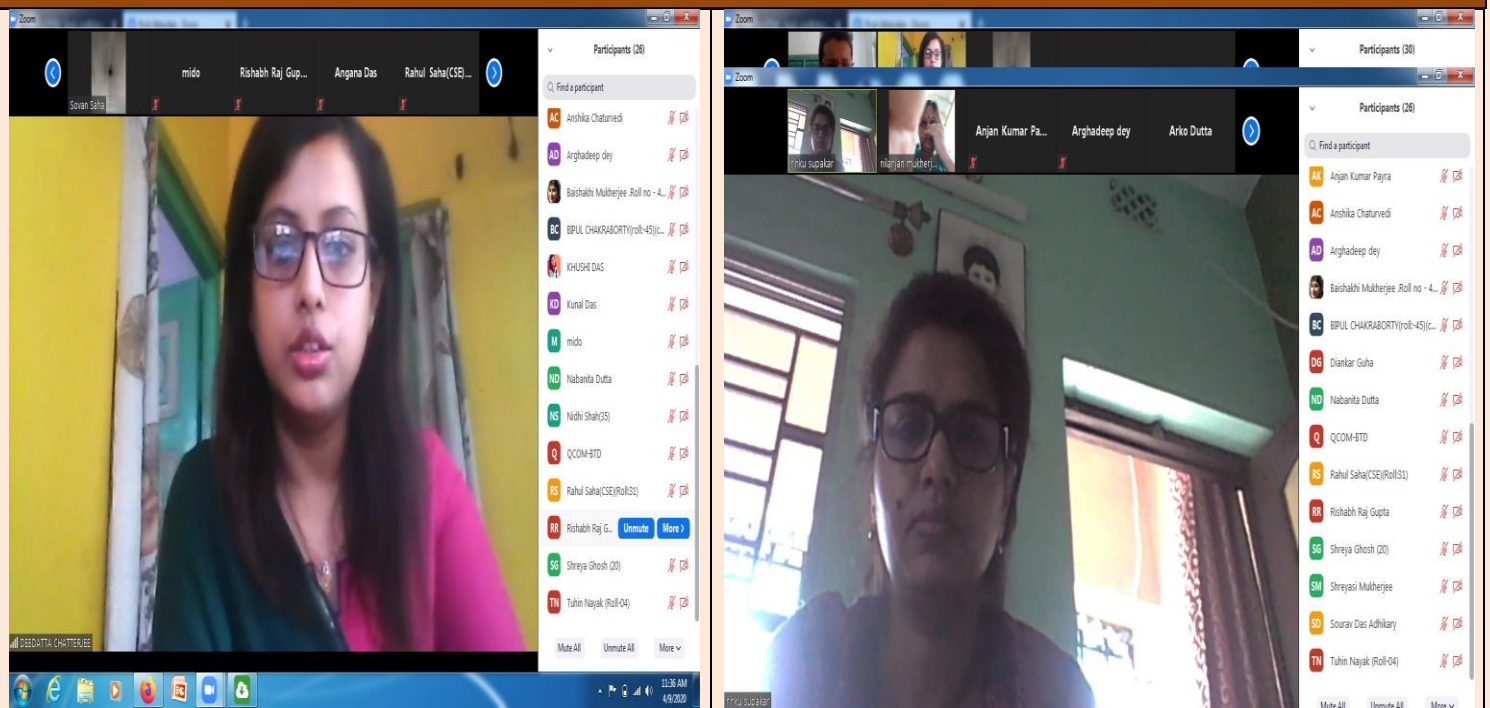
Stay home | Stay Safe | Maintain Social Distancing



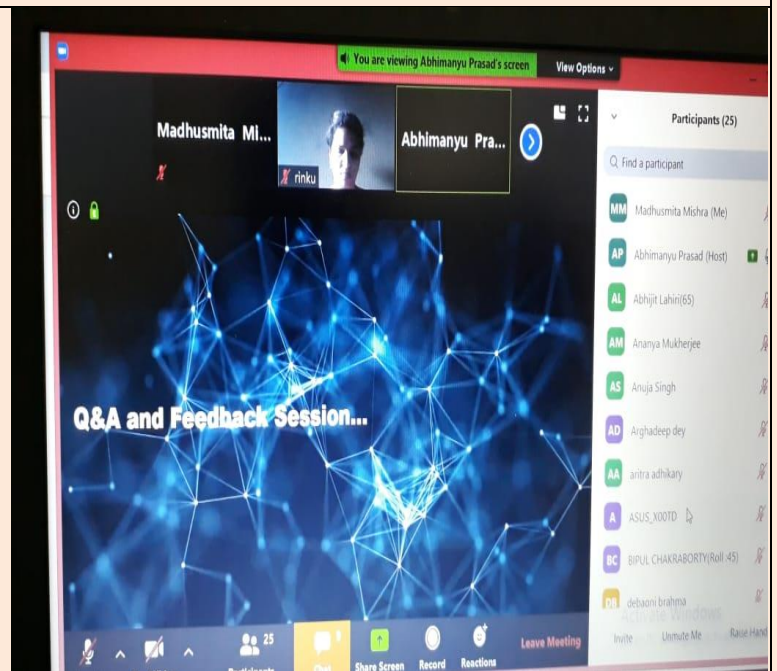
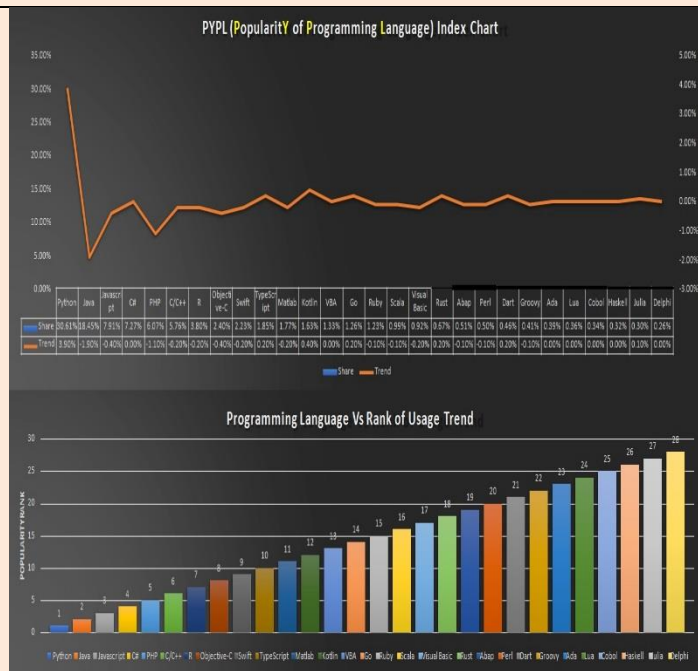
Rajarshi Bhattacharyya
Business Analyst ,TCS
Batch : CSE 2010-2014

Glimpses

Webinar on Ethical Hacking held on 31.03.2020



The PTM (Parents Teachers Meeting) Semester A.Y. 2019-20 of the Computer Engineering Department was conducted on 9th April, 2020.



A Webinar on " Recent Trends of Emerging Technology in IT Trends " by an alumni of our Department Mr. Abhimanyu Prasad, Zenser Technologies on April 16th, 2020.

What you got to do?

WISS WAREK... SOMETIMES CAN WORK

DO RIGHT THING

DO THING RIGHT

FAST

SOMEONE QUICK STAR

MAYE PROBLEMS IN SURVIVE SOMETIMES CAN WORK, BUT EXTENSIVE NEW

MAYE QUALITY

QUICK SHIT NOBODY LIKES IT (FALL - OR REBOUND QUICKLY)

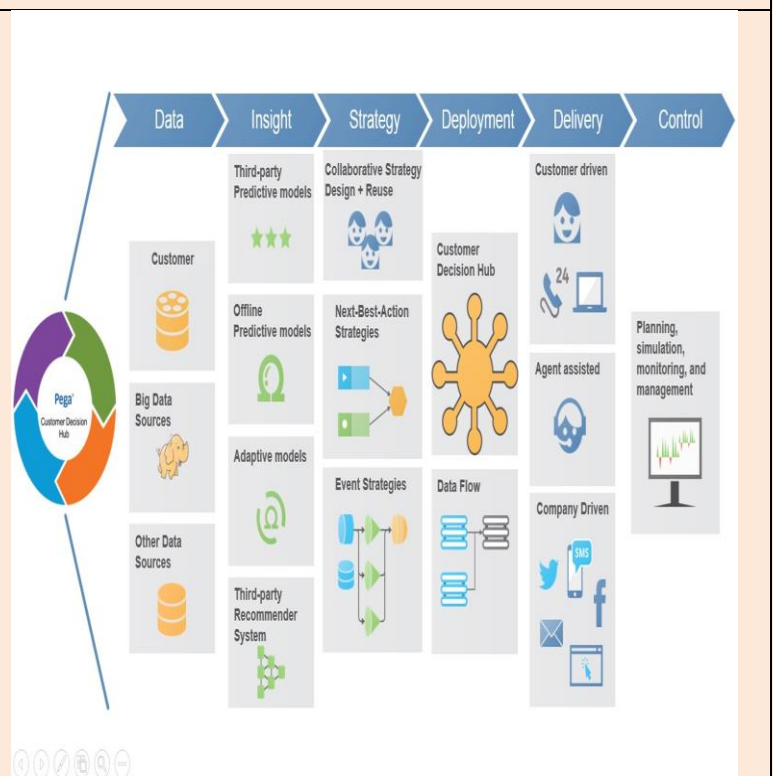
Scrum Framework

Requirement Artefacts

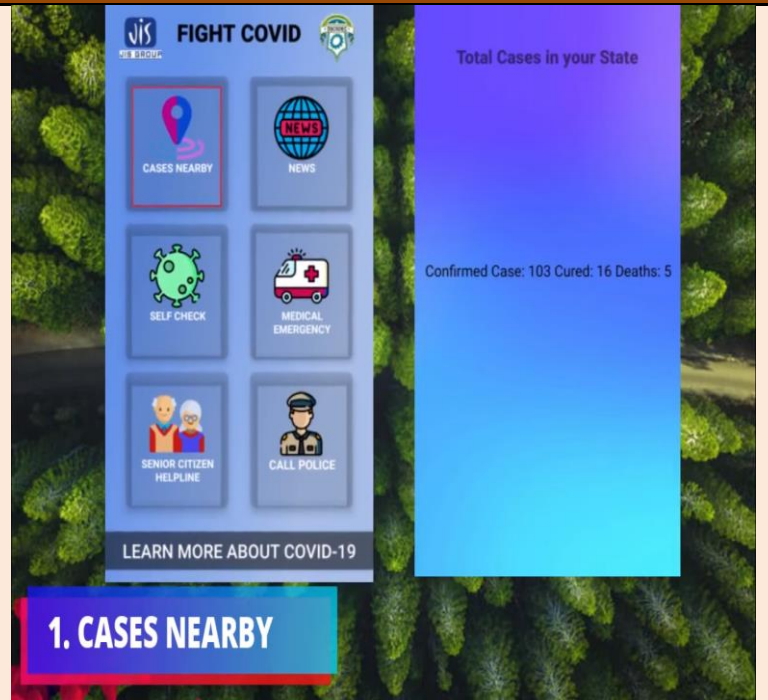
1. Agile Projects describe feature requests using **User Stories / Use Cases**. This is set by Product owners. User stories generally consist of Name, description, Implementation plan and test cases.
2. There are few **Technical Stories** too. They are discussed and made up by the scrum team and added to product backlog. These are done to balance between customer requirements and technical possibilities.
3. Then there is a **Defect Report** - it contains the failed cases or description of a part behaviour of product during t

ALL OF THESE DELIVER INCREMENTALLY

A webinar on “Agile Project Management “ on 1st May 2020. Resource Person Ms. Iti Ipsita, Production Specialist, CTS



Department of CSE of DSCSDEC has organized a webinar on “PEGA: Customer Engagement and Intelligent Automation “ on 2nd May, 2020. Resource Person Mr. Rajarshi Bhattacharyya, Business Analyst, Tata Consultancy Services



An Innovative Multi-featured Fight Covid -19 App launched by 4 th year students of Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College.

Social Activities Done By CSE Department

- Developed COVID-19 tracking app 'FIGHT COVID'
- Making and sharing videos for social awareness related to COVID19 AND LOCKDOWN through online digital platforms and social media.
- Watering plants & feeding animals
- Food distribution to help the poor and needy persons

