

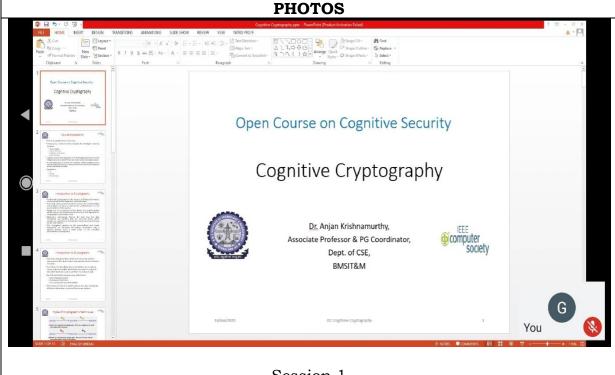
Avalahalli, Doddaballapura Main Road, Bangalore - 560064 Dept. of CSE

OPEN COURSE - DAILY REPORT (DAY 1)

Date: 16-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Cognitive Security |
| Coordinator | Dr. Anjan Krishnamurthy |
| Total No. of Students | 26 |
| DESCRIPTION | |

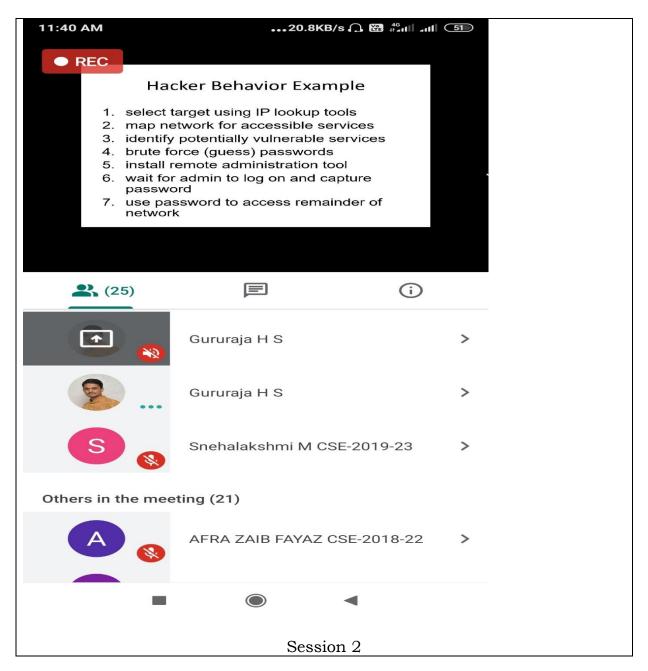
Morning session was conducted by Mr Dr. Anjan Krishnamurthy of BMSIT & M. He conducted a session on Introduction on Cognitive Security and Cryptography. He told about the important keyword used in cognitive security. Second session was conducted by Prof. Gururaja H S of BMSCE. He talked about the important and necessary tool based on AI for cybersecurity like wireshark and Nessus. Evening session was conducted by Mr Dr. Anjan Krishnamurthy of BMSIT & M. It was a lab session and gave a hands-on experience on Wireshark.



Session 1

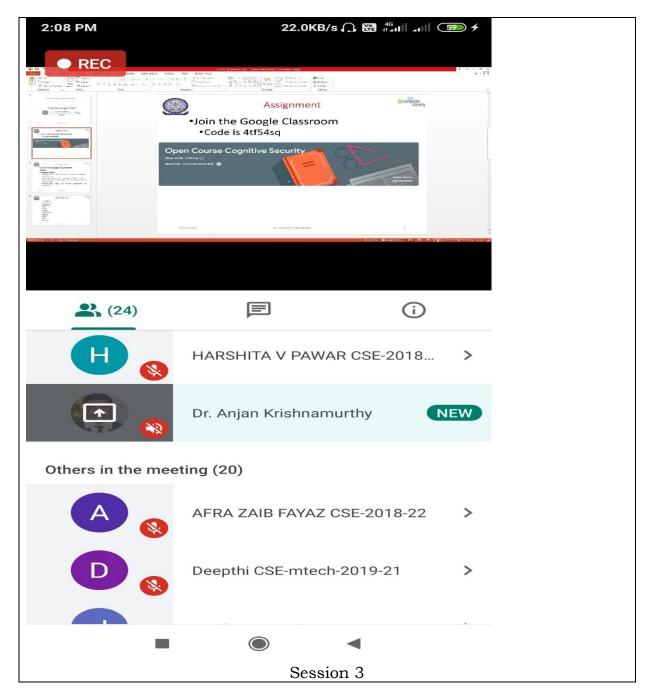


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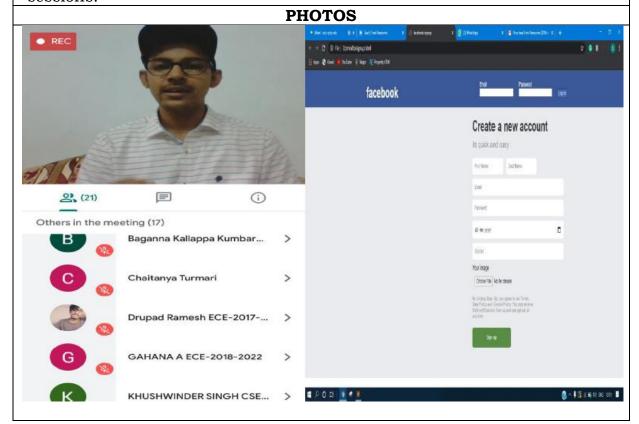
OPEN COURSE - DAILY REPORT (DAY 1)

Date: 16-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Django Development |
| Coordinator | Prof. Shruthi J |
| Total No. of Students | 20 |
| DESCRIPTION | |

At commencement Mr. Tarun Jain 8th Sem CSE gave a brief intro about how the course will follow over the next 5 days. Our HOD Dr. Anil GN joined the meeting and encouraged us to do well.

Morning session was conducted by Vinay Kumar 8th sem CSE. He gave basic introduction on HTML, CSS and JS. In the 2nd half Ravi Kumar singh 4th Sem CSE started the hands on session for front-end development. Students followed his instructions and successfully created their own frontends. These pages will be used in the following hands on sessions.





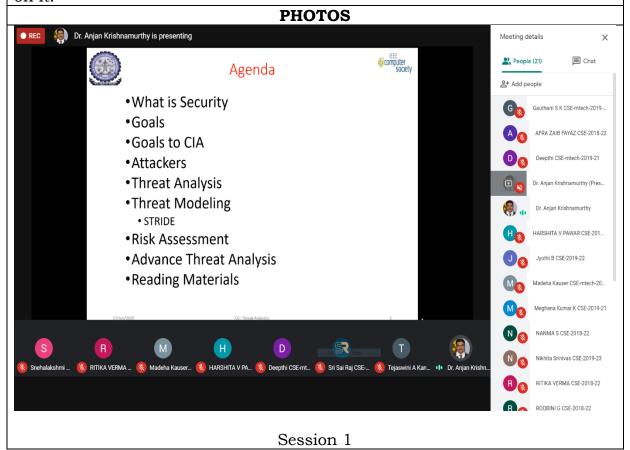
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OPEN COURSE - DAILY REPORT (DAY 2)

Date: 17-06-2020

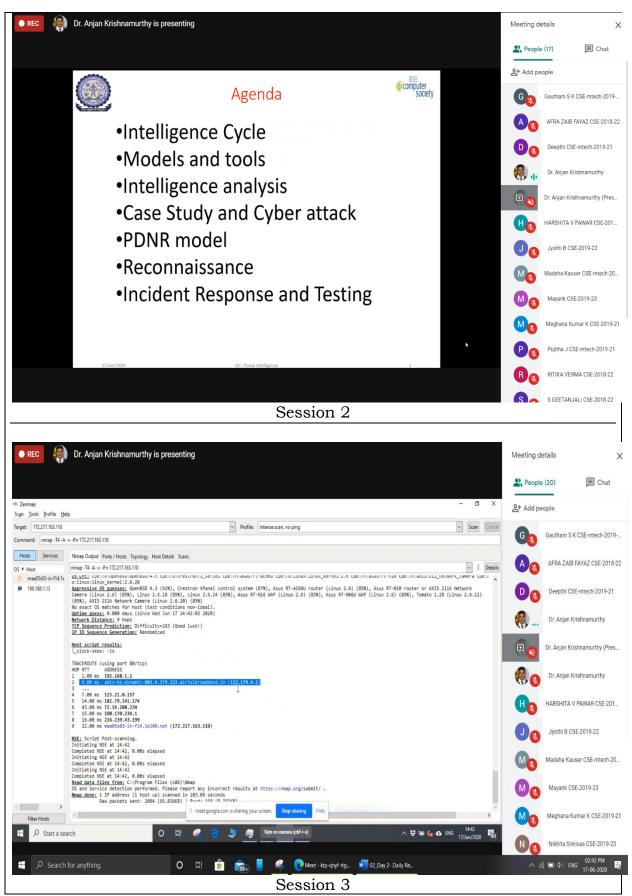
| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Cognitive Security |
| Coordinator | Dr. Anjan Krishnamurthy |
| Total No. of Students | 26 |
| DESCRIPTION | |

Morning session was conducted by Mr Dr. Anjan Krishnamurthy of BMSIT & M. He conducted a session on threat analytics, which talked about security goals, threat tree, stride model, attack kill chain, risk assessment and advanced threat analytics. Second and third session was also conducted by Dr. Anjan Krishnamurthy of BMSIT & M. The second session was based on threat intelligences, which talked about importance's of threat intelligence, tools like STIX, PDNR model and case studies. The third session was a lab session and gave a hands-on experience on N map and different tools based on it.





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HODCSE



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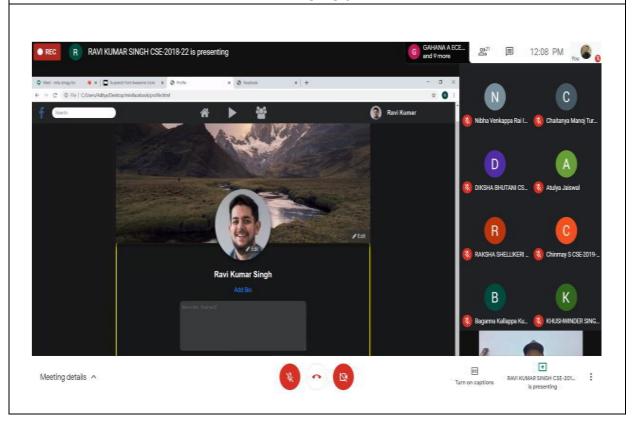
OPEN COURSE - DAILY REPORT (DAY 2)

Date: 17-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Django development |
| Coordinator | Prof. Shruthi J |
| Total No. of Students | 20 |
| DESCRIPTION | |

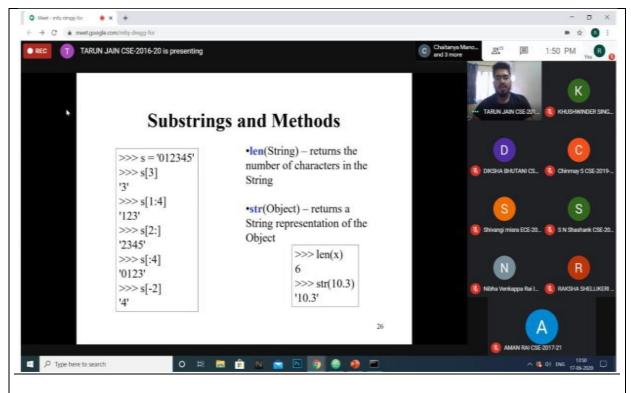
On the 2nd day Ravi Kumar Singh 4th Sem CSE continued with hands on session for developing the frontend. Students successfully completed the last 2 pages of the website using HTML, CSS, JS & Jquery. Since basics of Pythons is one of the major requirements of this open course, Tarun Jain 8th Sem CSE conducted a theory & Hands on session in the afternoon discussion. Students were provided with some basic python programs and were helped to solve them. The reviews received from the students about the sessions till now have been very positive and great.

PHOTOS





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OPEN COURSE - DAILY REPORT (DAY 3)

Date: 18-06-2020

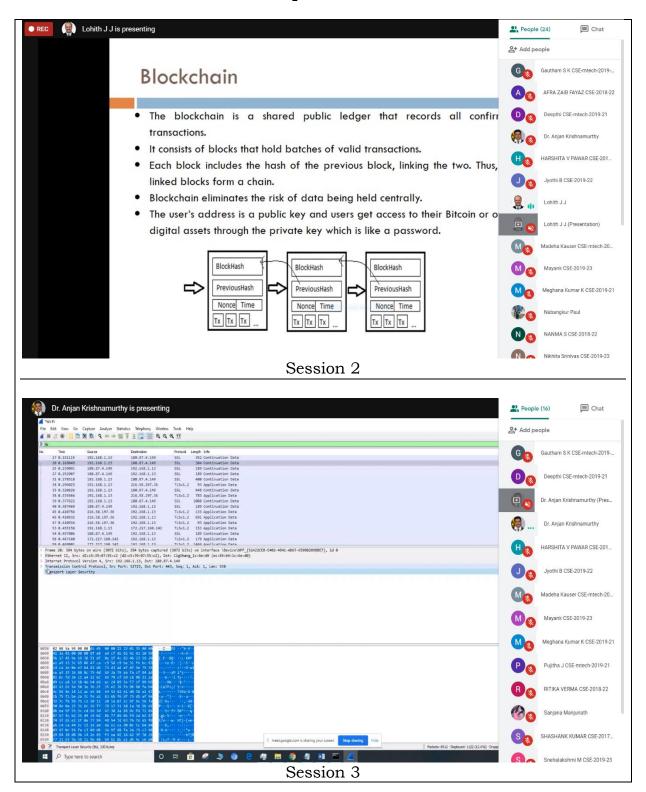
| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Cognitive Security |
| Coordinator | Dr. Anjan Krishnamurthy |
| Total No. of Students | 26 |
| DESCRIPTION | |

Morning session was conducted by Mr Dr. Harsha S, Associate Professor of JIT. He conducted a session onmalware, which talked about types of malware created and malware protection. Secondsession was also conducted by Prof. Lohith J J of BMSCE. Thesession was based blockchain, which talked about difference between traditional database and blockchain, bitcoin, miner and hash function. The third session was conducted by Dr. Anjan Krishnamurthy of BMSIT & M. The session was a lab session and gave a hands-on experience on S-MIME in MS Outlook and wireshark.





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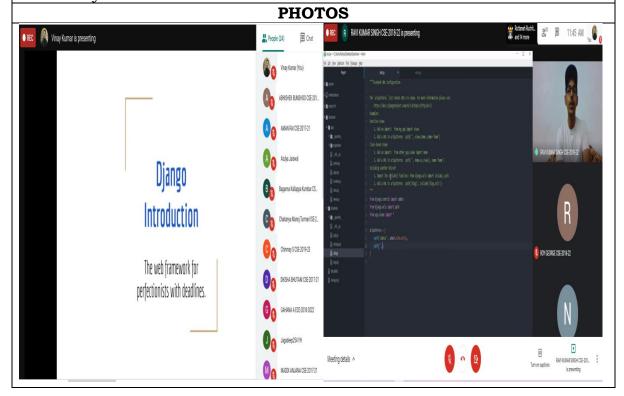
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OPEN COURSE - DAILY REPORT (DAY 3)

Date:18-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Django development |
| Coordinator | Prof. Shruthi J |
| Total No. of Students | 22 |
| DESCRIPTION | |

3rdday of the Django open course started with an introduction to Django by Vinay Kumar 8thSem CSE.Students were enlightened about Web frameworks, MVC model, Django project structutre etc. A 10 – minute quiz was conducted by TarunJain 8thSem CSE based upon Day 2 sessions. Ravi Kumar Singh 4thSem CSE handled the hands on session for django. He helped the students to install django requirements and then create their 1stdjango project. Hands on sessions continued with the development of Facebook like website and will be covered entirely over the next 2 days.



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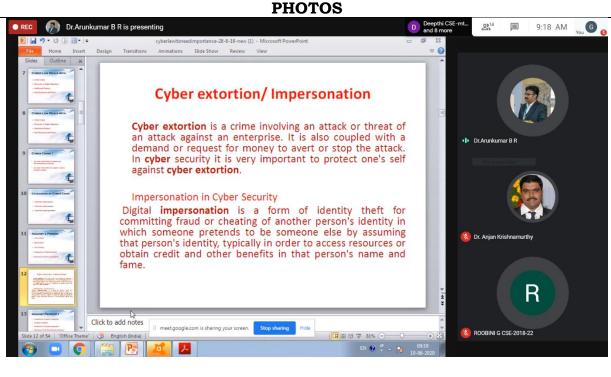
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OPEN COURSE - DAILY REPORT (DAY 4)

Date: 19-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Cognitive Security |
| Coordinator | Dr. Anjan Krishnamurthy |
| Total No. of Students | 22 |
| DESCRIPTION | |

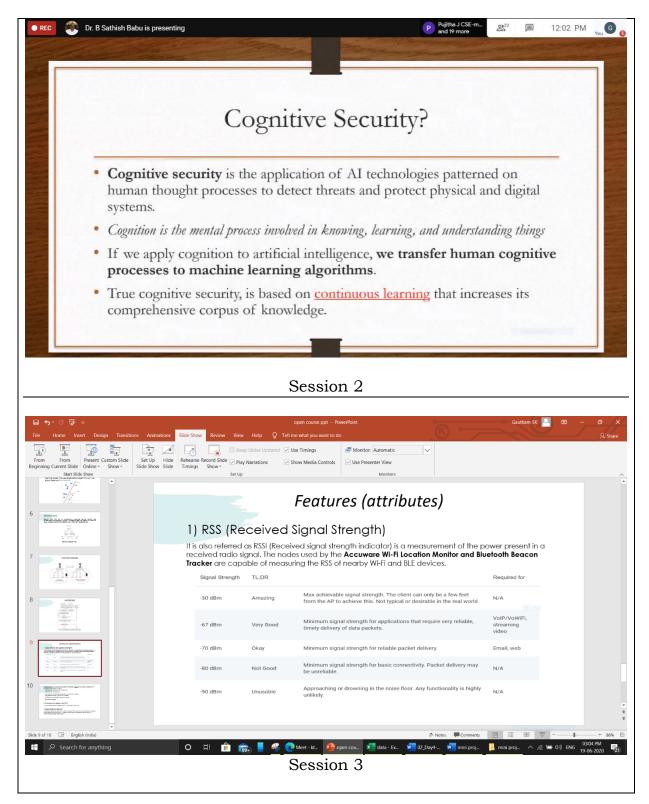
Morning session was conducted by Mr Dr. Arun Kumar B R,Professor, MCA. He conducted a session on cyber forensics, which talked about types of cyber-attacks, IT act section, digital forensics, some tools related on fake news detection, cyber extortion and impersonation. Secondsession was also conducted byDr. B Satish Babu of RVCE. Thesession was based cognitive security models, which talked about brief about AI, AI scope and role in cognitive security and learning platform for cognitive security. The third session was conducted by Gautham SK, MTech CSE student of BMSIT & M. The session was a lab session and gave a hands-on experience oncreating ML models based on cognitive security.



Session 1



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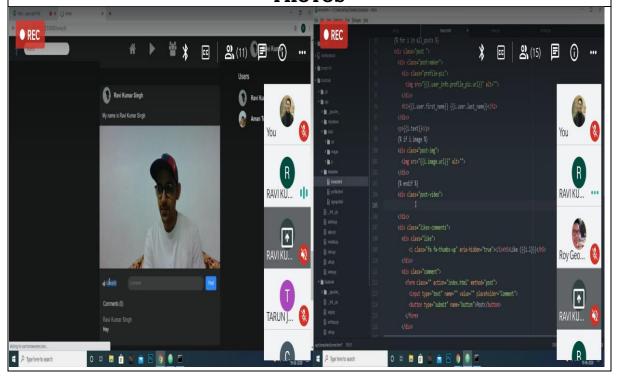
OPEN COURSE - DAILY REPORT (DAY 4)

Date: 19-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Django development |
| Coordinator | Prof. Shruthi J |
| Total No. of Students | 23 |
| DESCRIPTION | |

4th day of the open course was completely hands on. The days sessions were conducted by Ravi kumar Singh 4thSem CSE. In today's course students worked on including features like Login Validation &Authentication, Writing models and views for Facebook posts, likes, comments, Including videos and photos to the posts, Saving and fetching them to-from database etc. In between the sessions a quiz was conducted by Tarun Jain 8thSem CSE on day 3 learnings.

PHOTOS



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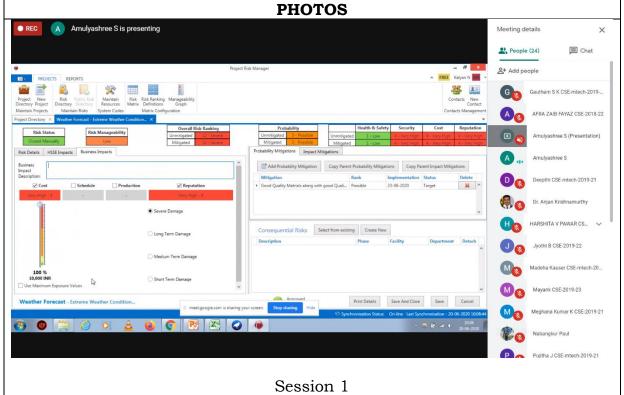
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OPEN COURSE - DAILY REPORT (DAY 5)

Date: 20-06-2020

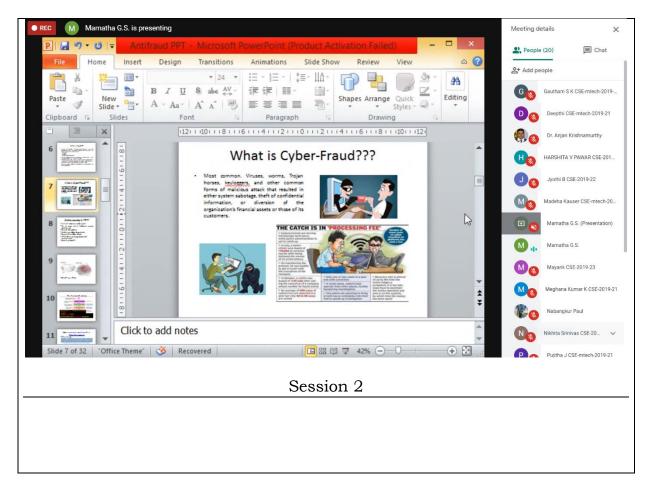
| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Cognitive Security |
| Coordinator | Dr. Anjan Krishnamurthy |
| Total No. of Students | 26 |
| DESCRIPTION | |

Morning session was conducted by Dr. Sharvani G S and Amulyasree S of RVCE. The session was based on risk management, which talked about kinds of risk through examples and how to manage those links and showed to risk predication Amulvasree us run a algorithm weka. Secondsession was conducted by Dr. Mamatha G S of RVCE. The session was based anti-fraud, which talked about cyber fraud, real-world system, cognitive security, anti-fraud algorithm. The third session was the feedback and closing of the course, which was conducted by Dr. Anjan Krishnamurthy. The total number of students enrolled in the course is 26.





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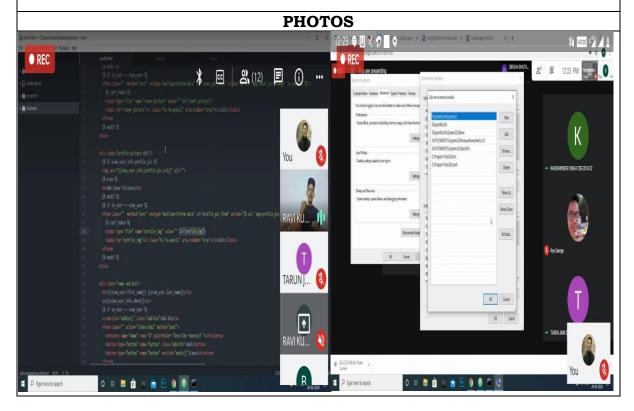
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OPEN COURSE - DAILY REPORT (DAY 5)

Date: 20-06-2020

| Department | Computer Science and Engineering |
|-------------------------|----------------------------------|
| Name of the Open Course | Django development |
| Coordinator | Prof. Shruthi J |
| Total No. of Students | 23 |
| DESCRIPTION | |

On the final day of the open course students completed their Django project successfully. The sessions were conducted jointly by Ravi Kumar Singh 4th Sem CSE and Vinay Kumar & Tarun Jain 8th CSE. Students were helped to install and create their GIT repositories. Then they were guided to deploy there project using Heroku. At the end of the session we took feedback from the students.



Open Course Coordinator