

Department of Computer Science

Activities Register

Academic Year

2018-2019



SRI ABR GOVERNMENT DEGREE COLLEGE

REPALLE, GUNTUR (DT) – 522 265



**SRI A B R GOVERNMENT DEGREE COLLEGE
REPALLE, GUNTUR (DT) – 522 265**

Department of Computer Science

Papers Presented / Conferences Attended

1. Smt. A. V. Kavitha, Lecturer in Computer Science has published a paper titled “An Efficient Texture Feature Extraction Algorithm for High Resolution Land Cover Remote Sensing Image Classification” in International Journal of Image, Graphics and Signal Processing (IJIGSP), Volume 10, No 12, December 2018, pp 21-28.
2. Smt. A. V. Kavitha, Lecturer in Computer Science has published a paper titled “Unsupervised Linear Contact Distributions Segmentation Algorithm For Land Cover High Resolution Panchromatic Images” in Multimedia Tools Applications, September 2018, Springer Publications (SCI & Scopus Indexed).
3. Sri G. Raviteja, Lecturer in Computer Science has published a paper titled ” An Analytical Approach To Enhance The Intrusion Detection In Internet Of Things Network” in International Journal of Latest Trends in Engineering and Technology, February 2018, Volume 9, Issue 3, pp 258-267.

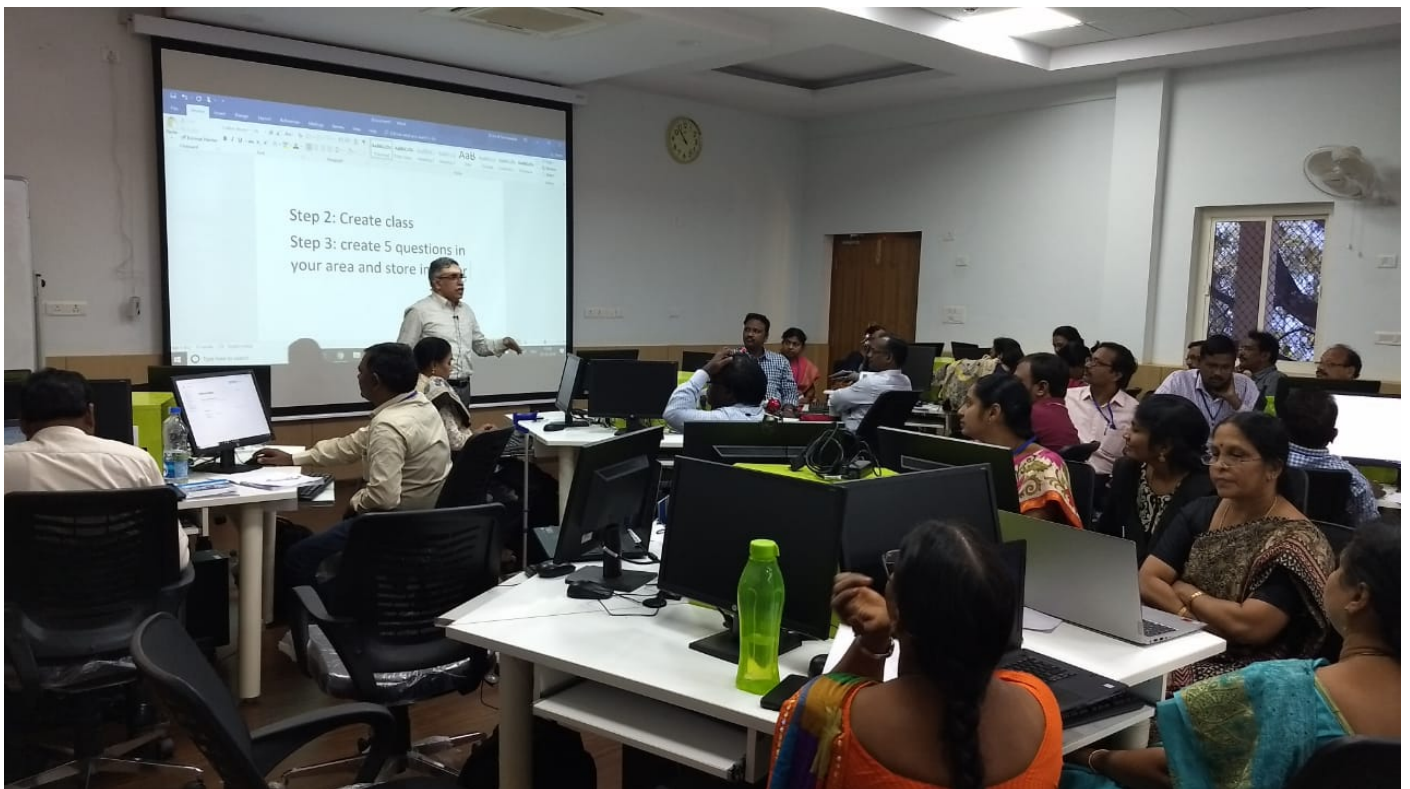


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Department of Computer Science

Workshops Attended

4. Smt. A. V. Kavitha, Lecturer in Computer Science has attended a National Workshop on “Data Analytics using R Programming” organized by Department of Computer Science & Applications, KBN College, Vijayawada on 24th & 25th September, 2018.
5. Sri P. Arun Kumar, Lecturer in Computer Science has attended a National Workshop on “Data Analytics using R Programming” organized by Department of Computer Science & Applications, KBN College, Vijayawada on 24th & 25th September, 2018.
6. Sri G. Raviteja, Lecturer in Computer Science has attended a National Workshop on “Data Analytics using R Programming” organized by Department of Computer Science & Applications, KBN College, Vijayawada on 24th & 25th September, 2018.
7. Smt. A. V. Kavitha, Lecturer in Computer Science has attended an Orientation Workshop on “OER, Content Development, MOOCS and Moodle” organized by the E&ICT Academy, NIT Warangal, Commissionerate of Collegiate Education and AP State Council of Higher Education, Govt. of AP at E&ICT Academy, NIT Warangal from 26th October to 31st October 2018.
8. Sri G. Raviteja, Lecturer in Computer Science has attended an Orientation Workshop on “OER, Content Development, MOOCS and Moodle” organized by the E&ICT Academy, NIT Warangal, Commissionerate of Collegiate Education and AP State Council of Higher Education, Govt. of AP at E&ICT Academy, NIT Warangal from 19th November to 24th November 2018.







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Faculty Development Programs Attended

1. Sri P. Arun Kumar, Lecturer in Computer Science has attended an Induction Training Programme for “Newly Recruited Lecturers” at APHRDI, Bapatla in association with Commissionerate of Collegiate Education from 13th August to 26th August 2018.
2. Sri G. Raviteja, Lecturer in Computer Science has attended an Induction Training Programme for “Newly Recruited Lecturers” at APHRDI, Bapatla in association with Commissionerate of Collegiate Education from 13th August to 26th August 2018.
3. Sri G. Raviteja, Lecturer in Computer Science has participated in a Three Day Faculty Development Program on “Machine Learning using Python” at Bapatla Engineering College from 15th November to 17th November 2018.
4. Smt. A. V. Kavitha, Lecturer in Computer Science has attended an Orientation Workshop on “OER, Content Development, MOOCS and Moodle” organized by the E&ICT Academy, NIT Warangal, Commissionerate of Collegiate Education and AP State Council of Higher Education, Govt. of AP at E&ICT Academy, NIT Warangal from 26th October to 31st October 2018.
5. Sri G. Raviteja, Lecturer in Computer Science has attended an Orientation Workshop on “OER, Content Development, MOOCS and Moodle” organized by the E&ICT Academy, NIT Warangal, Commissionerate of Collegiate Education and AP State Council of Higher Education, Govt. of AP at E&ICT Academy, NIT Warangal from 19th November to 24th November 2018.
6. Sri P. Arun Kumar, Lecturer in Computer Science has attended a Two Day Residential Training Program on “Disaster Management & Disaster Risk Reduction” at APHRDI, Bapatla on 31st Oct and 1st Nov Nov, 2018.



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Support for Cultural Activities

1. Sri P. Arun Kumar, Lecturer in Computer Science has assisted the college students to participate in “University Level Youth Festival” at Acharya Nagarjuna University from 15th Sept to 17th Sept, 2018.
2. Sri P. Arun Kumar, Lecturer in Computer Science has assisted the college students to participate in “District Level Youth Festival” at Guntur on 15th November, 2018. Students won the First Prize for “Folk Dance”.
3. Sri P. Arun Kumar, Lecturer in Computer Science has assisted the college students to participate in “State Level Youth Festival” at Indore Stadium, Elore from 29th Jan to 31st Jan, 2018.







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Examinations Support

1. As per Acharya Nagarjuna University, Guntur Vice Chancellor's Order dated 25-09-2018, Smt. A.V. Kavitha, Lecturer in Computer Science has been appointed as University Observer for UG I,III, & V Semester Examinations, OCT/NOV 2018 from 03-10-2018 to 02-11-2018 at GVR&S Degree College for Women, Guntur.
2. As per Acharya Nagarjuna University, Guntur Vice Chancellor's Order dated 31-01-2019, Smt. A.V. Kavitha & Sri G. Raviteja, Lecturers in Computer Science have been appointed as External Examiners for II, IV & VI Semester Practical/Project Examinations.



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Seminar Day

Department has organized a Seminar Day on 10-09-2018. All the final year students have given their presentations on various current topics of Computer Science like “Networking”, “Big Data”, “Wireless Communication”, “Software Development”, etc. This Seminar Day is organized to assist the students in improving their presentation skills, skills to prepare power points and to share their knowledge to the rest of the students of the class. All the students have presented their topics using power point presentations and few of them have included Youtube videos in their presentations.







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Nava Nirmana Deeksha

As per the proceedings of State Government & CCE, faculty and students of the department participated in Nava Nirmana Deeksha from 2nd June to 8th June, 2018 at Municipal School, Repalle; IOVA School, Repalle; Uppudi Panchayat Office, Repalle. Our department faculty Smt. A V Kavitha, P Arun Kumar and G. Raviteja along with students participated in the program.





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Department of Computer Science

Janmabhoomi (6th Phase)

As per the proceedings of State Government & CCE, faculty and students of the department participated in Janmabhoomi from 2nd January to 12th January, 2019 at various locations in and around Repalle. Our department faculty Smt. A V Kavitha, P Arun Kumar and G. Raviteja along with students participated in the program.





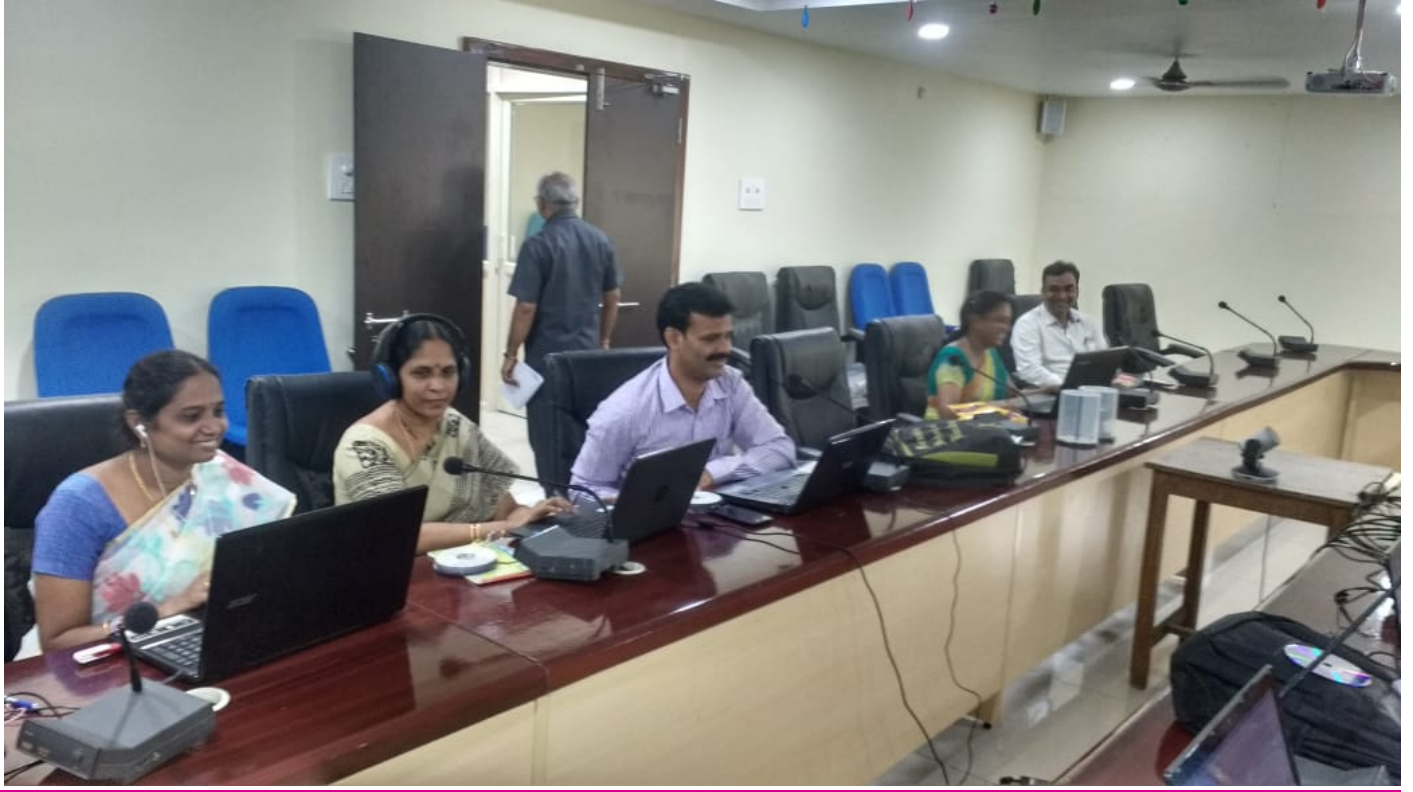
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Department of Computer Science

Technical Committee for LMS, Mana TV

Commissionerate of Collegiate Education proposes to develop content for LMS and Mana TV to enhance the potential of the students. In this regard CCE has nominated a technical committee. Smt. A.V. Kavitha of Computer Science Department of this college has been nominated in the technical committee for LMS.







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UGC Minor Research Project

Smt. A V Kavitha is having and undergoing UGC sponsored Minor Research Project titled "Identification of Land Use and Land Cover Structures from Remote Sensing Images" with a financial assistance of Rs. 2,33,000 (Two Lakh Thirty Three Thousand Rupees only).



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Video Presentations

Video Lessons on “Introduction to Big Data” and “Web Designing” are shown to Final Year students on 14-11-2018. In the video “Introduction to Big Data” , the concepts of big data explosion, big data definition, technologies of big data are explained. In the video “Web Designing”, the concepts of Internet, WWW, tools to design websites, technologies in web designing are explained.

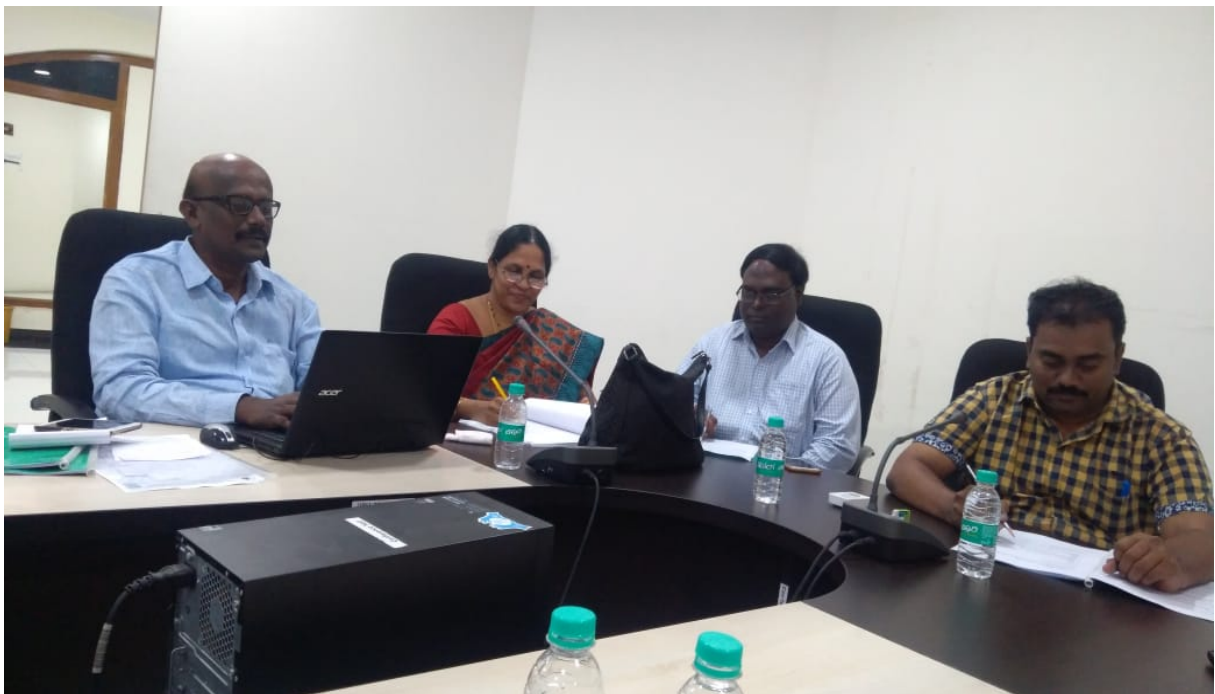


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Department of Computer Science

Technical Committee for APSCHE

Commissionerate of Collegiate Education proposes to develop content for LMS and Mana TV. To enhance the potential of the students. In this regard CCE has nominated several lecturers from various colleges to form a committee. Smt. A.V. Kavitha of Computer Science Department of this college has been nominated in the technical committee for APSCHE.





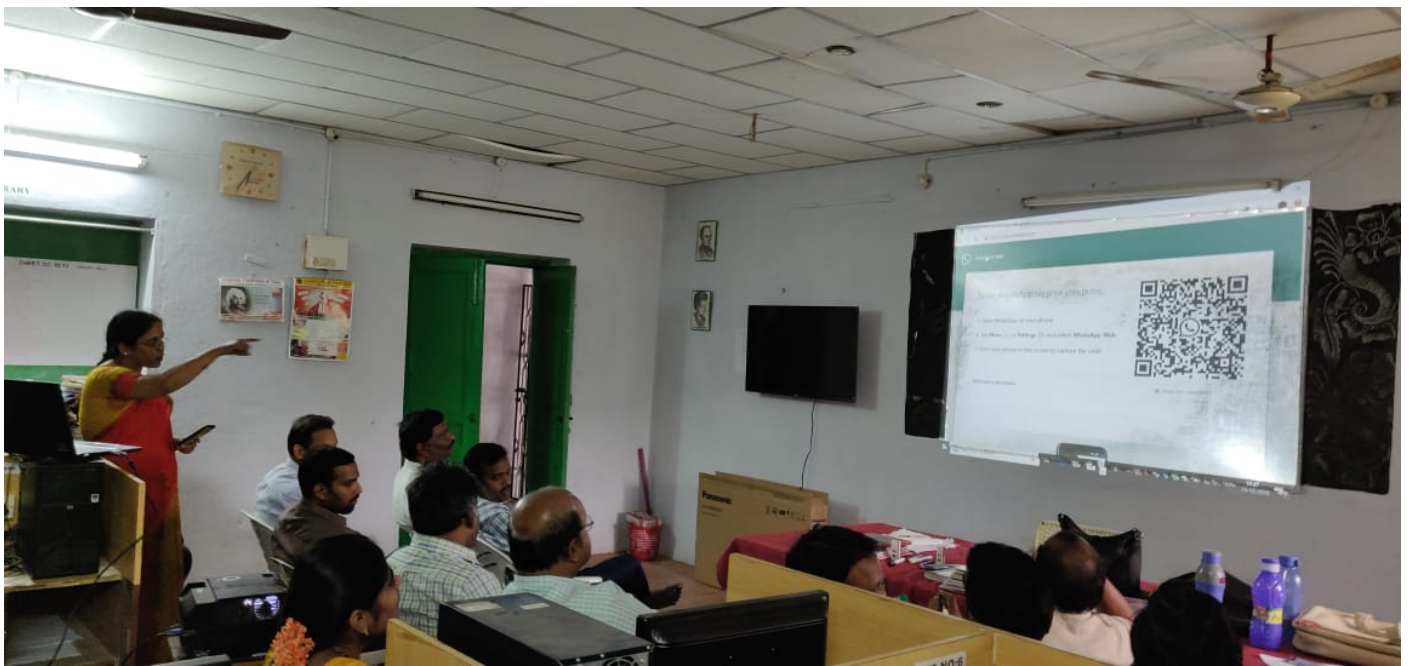
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Department of Computer Science

Faculty Orientation Session on ICT Tools

Organized one day workshop for faculty at college level on ICT Tools on 15th December, 2018. Trained the faculty on Whatsapp Web, Plickers, Screencastify and Google Drive. Sri G Mallikarjun, Principal ; Smt A V Kavitha & Sri G. Raviteja, Lecturers in Computer Science, acted as resource persons. All the faculty members of the college participated in the workshop.









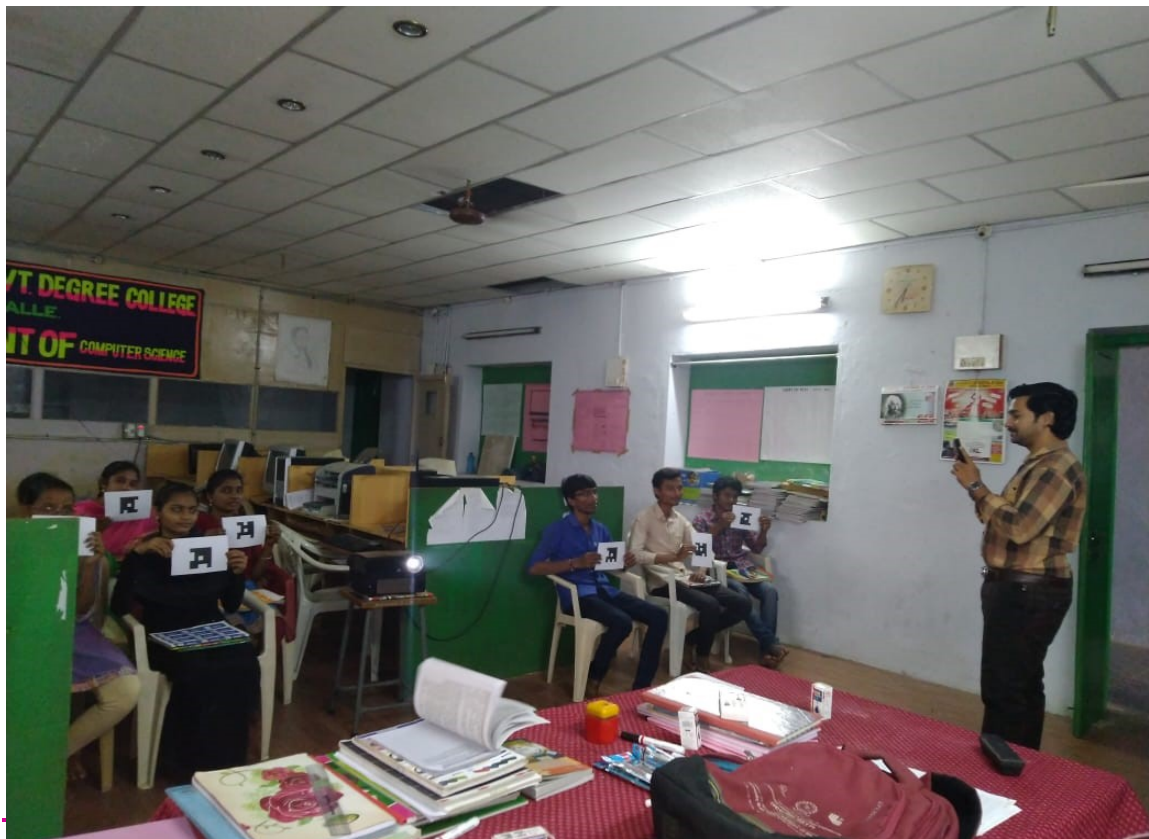
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Formative Assessment using Plickers

To enhance the learning capabilities and to assess the understanding of students, our department conducted Quizzes using Plickers at the end of every unit. All the faculty of Computer Science department followed this practice.







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Live Telecast Presentations on Education Channel (MANA TV)

1. Smt. A V Kavitha has given MANA TV Live Telecast Lecture on “Big Data Fundamentals” at SAPNET Studio, Ambedkar Open University, Hyderabad on 28th November, 2018.
2. Sri G Raviteja has given MANA TV Live Telecast Lecture on “JSON Introduction” at SAPNET Studio, Ambedkar Open University, Hyderabad on 19th February, 2019

The screenshot shows a YouTube video player interface. The video title is "Commissionerate of Collegiate Education | B.Sc.3rd Year | Computer science | Mana Tv". The video has 705 views. The video content shows a woman in a red sari speaking in front of a blue background with various icons representing big data and technology. The YouTube interface includes a search bar with "mana tv computer science", a list of recommended videos on the right, and a Windows taskbar at the bottom.





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Student Registration for MOOCS

Our department is encouraging the students to register for online courses (MOOCS) to enhance their technical skills. As a result of this initiative, more than 25 students got registered their names in SWAYAM portal.



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NAAC Mentor for Fresh NAAC going College



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Student Projects

Faculty of Computer Science department guided the following student study projects.

- ➔ Sentimental Analysis on Twitter Data using R Language
- ➔ Analysis of AIDS Data using R Language
- ➔ Titanic Survival Data Analysis using R Language
- ➔ Weather Data Analysis using R Language
- ➔ Analysis of Trendy Words from Twitter Data using R Language



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Student Data Collection using Google Forms

Created a Google Form using Department Gmail Account to collect various details of students and succeeded in collecting more than 110 students details.



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Collection of Videos Related to Subjects