



DEPARTMENT OF COMPUTER APPLICATIONS

REPORTS

TOPIC OF THE EVENT: Advance Computing and IT Trends

DATE: 05 February, 2014

VENUE: Seminar Hall

PG Department of Computer Science and Applications organized one day state level seminar, Dr.B.G.Prasanthi, Adarsh Institute of Management and Information Technology from Bangalore, was invited as chief guest as well as key note speaker.

The information shared by the speaker, was very useful and informative, total no of participants 200.

Workshop

TOPIC OF THE EVENT: Cloud Computing

DATE: 28 August, 2014

VENUE: Seminar Hall

PG Department of Computer Science and Applications organized one day workshop. Dr.R.Latha, HOD, Department of Computer Science, Madras University from Chennai was invited as chief guest. She shared her experience on the topic “Cloud Computing”, which was very informative. Around 300 students participated in this Workshop.

Intercollegiate Competition

DATE: 16 September, 2014

Venue: Seminar Hall

PG Department of Computer Science and Applications organized Intercollegiate Competition and conducted various events like Poster Presentation, Paper Presentation, Debugging, and Quiz.

Students from various colleges participated and won prize in various competitions. Overall championship trophy won by M.M.E.S College. The various events organized which were very useful for students through the events they got the opportunity to bring their hidden talents.

Association Meet

DATE: 15 February, 2015

Venue: Seminar Hall

PG Department of Computer Science and Applications organized Association Meet, Prof.S.Celine M.Sc.,M.Phil, Assistant Professor, Government Arts College for Men, Krishnagiri was the chief guest. Around 300 students from BCA and B.Sc (CS) had participated and gained knowledge.

National Conference

TOPIC OF THE EVENT: Emerging Trends in IT

DATE:19 February, 2015

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day national conference, Dr.R.Shanthi, Associate Professor, Alpha Arts and Science College, Chennai and Dr.Annet Regina, Muthurangam Arts and Science College, Vellore was invited as chief guest as well as key note speaker. Total no of Participants, 350, the information shared by the speaker, was very useful and informative.

Association Meet

DATE:20 August, 2015

Venue: Seminar Hall

PG Department of Computer Science and Applications organized an Association meet in the month of August 20th 2015. Dr.Major Zahid Hussain, Dean and Vice Principal, New College, Chennai was the chief guest. Mr.Zahid had given his talk on General Motivational Topic. 300 Students from BCA and B.Sc (CS) participated and inspired through his talk.

Intercollegiate Competition

DATE:27 August, 2015

Venue: Seminar Hall

PG Department of Computer Science and Applications organized an Intercollegiate Competition on 27th August 2015. The various events conducted were Live Reporting, Poster Presentation, Paper Presentation, Debugging. Students from various colleges participated and won prize in various competitions. Overall championship won by M.M.E.S College. Through the events students got the opportunity to bring their hidden talents.

Personality Development Programme

TOPIC OF THE EVENT: General Motivational Talk

DATE: 14 September, 2015

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day Personality Development Programme, Angeline Ms. Angeline Nirmala, M.A., M.Phil., B.ed, Department of English and Madras University, Chennai was the chief guest. The information shared by the speaker was very inspiring. 320 Students from BCA, B.Sc(CS) and M.Sc(CS) participated.

National Conference

TOPIC OF THE EVENT: Emerging Trends in IT

DATE: 19 September, 2015

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day National Conference, Dr. Arti Arya, Professor and HOD, PESIT, Bangalore South Campus, Bangalore was invited as chief guest, as well as key note speaker. She shared her experience on the topic "Data Mining".

Dr. H. Faheem Ahmed, Professor and HOD, Islamiah Men's College (Autonomous), Vaniyambadi, was invited as another chief guest as well as key notes speaker. He shared valuable information with participants.

Total no of participants, 353 we got best feedback from the participants of various colleges as well as from our students. Participants gained a very good knowledge.

Publication: Shanlax International Journal of Arts, Science and Humanities

In this conference, qualified papers have been published in the above mentioned Journal; the impact factor of Journal was good.

Workshop

TOPIC OF THE EVENT: Software Testing

DATE: 13 February, 2016

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day workshop, R. Divya, B.Tech (IT), Department of Computer Science, Madras University from Chennai. She shared her experience on the topic "Software Testing", which was very informative, total No of Participants: 119. We got a very good feedback from the participants.

Association Meet

TOPIC OF THE EVENT: Wireless Sensor Networks

DATE: 01 August, 2016

Venue: Seminar Hall

PG Department of Computer Science and Applications organized an Association meet, Mr.Shiva Rama Krishnan, Asst Prof (Senior) VIT, Vellore was the chief guest and delivered a key note address on “Wireless Sensor Networks”. Around 310 students from BCA, B.Sc (CS) and M.Sc (CS) participated and gained knowledge.

Intercollegiate Competition

DATE: 24 August, 2016

Venue: Seminar Hall

PG Department of Computer Science and Applications organized an Intercollegiate Competition; the following events were Web Designing, Poster Presentation, Poster Presentation, Debugging, Live Reporting. Students from various colleges participated and won prize in various competitions. Overall championship was won by M.M.E.S College.

State Level Seminar

TOPIC OF THE EVENT: Wireless Sensor Networks

DATE: 08 September, 2016

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day state level seminar, Dr.Nachamai, Associate Professor, Department of Computer Science, Christ University from Bangalore was invited as chief guest as well as key note speaker. She shared her experience on the topic “Machine Learning and Data Mining”, which was very informative, total no of participants: 425

Workshop

TOPIC OF THE EVENT: Desktop Publishing

DATE: 11 January, 2016

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day workshop Ms.T.Sindhu, MCA,M.Phil and Ms.Sivasankari,M.Sc,M.Phil,Assistant Professors, PG Department of Computer Science and Applications, Islamiah Womens Arts and Science College, Vaniyambadi was the two resource persons. They shared their experience on the topic “Desktop Publishing”, which was very informative.

Two Days International Conference

TOPIC OF THE EVENT: Recent Trends in IT

DATE: 28 and 29 January, 2018

Venue: Seminar Hall

PG Department of Computer Science and Applications organized two days international Conference Mr.Edward Satish, from Cognizant Technologies, Chennai was invited as chief guest, as well as key note speaker. He shared his experience on the topic “SMAC Technology”.

Dr.Inbavalli, HOD, Department of MCA, Er. Perumal Manimekalai College of Engineering, was invited as another chief guest as well as key note speaker. She shared valuable information on the topic “Internet of Things” with participants.

Total no of presenters 20 and total no of participants 400. We got best feedback from the participants of various colleges as well as from our students. Participants gained a very good knowledge.

Publication: Shanlax International Journal of Arts, Science and Humanities

In this conference, qualified papers have been published in the above mentioned Journal, the impact factor of Journal was good.

International Conference

TOPIC OF THE EVENT: Impact of Semiconductor Materials in Technology

DATE: 26 June, 2018

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day International Conference, Resource Person Dr.Qhalid Fareed, Developing New Process for High Voltage Power Electronics, Dallas Texas, USA was the chief guest. Information provided by the resource person was very innovative and useful.

Staff and around 310 students from BCA, B.Sc(CS), M.Sc(CS) participated and benefited very much through this One day International Conference.

Special Lecture

TOPIC OF THE EVENT: NEURAL NETWORKS

DATE: 08 August , 2019

Venue: Seminar Hall

PG Department of Computer Science and Applications organized special lecture on the topic “Neural Networks”. Dr.S.Selvakani, Assistant Professor and Head, Department of Computer Science, Thiruvalluvar University College of Arts and Science, was the chief guest. Around 300 students from BCA, B.Sc (CS) and M.Sc (CS) participated and gained knowledge.

International Conference

TOPIC OF THE EVENT: EMERGING TRENDS IN IT

DATE: 23 September , 2019

Venue: Seminar Hall

PG Department of Computer Science and Applications organized one day National Conference, Dr.Christo Ananth, M.E.,Ph.d, Assistant Professor, Department of Information Engineering, College of Engineering, Kingdom of Bahrain, was invited as chief guest, as well as key note speaker. He shared his experience on the topic “Recent Trends in Cooperative Networks for the Collaborative Tomorrow”.

Dr.T.Mythili, M.E.,Ph.d, Assistant Professor, VIT University, was an another resource person. Madam has delivered her talk on the topic “Software Engineering”.

Total No of Participants: 378

We got best feedback from the participants of various colleges as well as from our students. Participants gained a very good knowledge.

Publication: Journal of Emerging Technologies and Innovative Research

In this conference, qualified papers had been published in the above mentioned Journal, the impact factor of Journal was good.

Women Empowerment Program

TOPIC OF THE EVENT: PEACE AND SECURITY

DATE: 15 December , 2019

Venue: Seminar Hall

PG Department of Computer Science and Applications organized Women Empowerment Program, around 2300 Students and Faculty Members from our college has participated. The chief guest Ms.Rizwana was from Hindustan Unilever Limited and delivered an enthusiastic speech on the topic “Peace and Security”.

Special Technical Lecture

TOPIC OF THE EVENT: WOMEN IN SCIENCE AND TECHNOLOGY

DATE: 10 March , 2020

Venue: Seminar Hall

PG Department of Computer Science and Applications organized special technical lecture, Dr.J.Nafeesa Begum, M.E.,Ph.D, Associate Professor, Government Engineering College, Bargur was the resource person. Faculties and around 350 students from BCA, B.Sc(CS), M.Sc(CS) participated in this Special Technical Lecture and updated their knowledge.

One Day Power Seminar for Students

TOPIC OF THE EVENT: CAMPUS TO CORPORATE

DATE: 21 May, 2020

Technology Used: Cisco WebEx

PG Department of Computer Science and Applications organized one day webinar, Mr.G.Subramanian, HR Functional Consultant for Start- UPS was the resource person and delivered his lecture on the topic “CAMPUS to CORPORATE”. Around 100 participants from our college both faculties as well as students participated in this Webinar and benefitted.

One Day National Level Webinar

TOPIC OF THE EVENT: SOFT SKILLS AND LIFE SKILLS

DATE: 30 May, 2020

Technology Used: Cisco WebEx

PG Department of Computer Science and Applications organized one day webinar on 30th May 2020. Mr.Gazali B.E.,M.B.A., Certified Career Global Coach from National Career Development Authority, USA was the resource person. Around 100 participants from our college both faculties as well as students participated in this Webinar and got benefitted.

Three Days Faculty Development Program

**TOPIC OF THE EVENT: EMERGING TRENDS IN DATA ANALYTICS &
CYBER SECURITY**

DATE: 11 to 13 June , 2020

Technology Used: Goto Meeting

PG Department of Computer Science and Applications organized three days National Level Faculty Development Program. Three different resource persons were invited for each day. On 11/06/2020 session one was handled by Dr.R.Rajkumar, B.E.,M.Tech,PhD,

Associate Professor, School of Computer Science and Engineering (ABET Accredited), VIT, Vellore, on the topic “Data Analytics”. On 12/06/2020 session two was handled by Mr.Ashwath Raj, Data Visualization Tools (Qlik, Tableau & PowerBI), Chennai, on the topic “Data Visualization and Demo on Tableau”. On 13/06/2020 session three was handled by Dr.Vidyaathulasiraman, Assistant Professor and Head, Department of Computer Science, Government Arts and Science College for Women, Bargur, on the topic “Cyber Security”.

The technology which used to conduct this FDP is “Goto Meeting”. All three sessions was extremely useful, around 135 faculties both from our college and outside college participated and gained knowledge.

One Day FDP in Association with IQAC

TOPIC OF THE EVENT: Discover MOODLE Site & Teach with GNOMIO

DATE: 20 June, 2020

Technology Used: Goto Meeting

PG Department of Computer Science and Applications organized one day National Level Faculty Development Programme in association with IQAC, Session one was handled by Dr.Vidyaathulasiraman, Assistant Professor and Head, Department of Computer Science, Government Arts and Science College for Women, Bargur. Session two was handled by Prof.K.Sharifa, Assistant Professor, Department of Computer Science and Applications, Government Arts and Science College for Women, Bargur. Session three was handled by Prof.Amudaprabha, Assistant Professor and Head, Department of Computer Applications, Government Arts and Science College for Women, Bargur. Around 135 faculties from in and around colleges participated and got clear idea on how to create own GNOMIO Site, how to add students, how to assign assignments and quiz etc.

One Day National Level Faculty Development Program

**TOPIC OF THE EVENT: BUILD YOUR FUTURE IN MACHINE LEARNING
AND ARTIFICIAL INTELLIGENCE**

DATE: 23 June, 2020

Technology Used: Youtube Live Stream

PG Department of Computer Science and Applications organized one day National Level FDP, Mr.R.Rajkumar, Assistant Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, was invited as a chief guest.

Technology used to conduct this FDP is YouTube Live Stream, around 150 faculties from in and around colleges participated and got clear idea about Machine Learning and Artificial Intelligence.

BEST PRACTICES

Best Practices in Teaching-Learning Process

1. Subject-wise Attendance Grading & its inclusion in MARKS MEMO for improvement in regularity.
2. Initiated NPTEL online course.
3. Strengthen lectures through Handouts, Lab manuals.
4. Remedial Teaching throughout academic Sessions for improving Transition rate & Pass rate.
5. Student feedback system on Academic and Non-Academic Reforms.
6. ICT based Teaching –Learning, Online software tools are used to enhance teaching and learning environment.
7. Encouraging students to use digital library.
8. Encouraging the faculty to upgrade their knowledge and skills through Faculty Development Programs.
9. Awards to meritorious students, Branch Toppers & Best Outgoing student.
10. Wi-Fi Connectivity in the Campus, Labs with CCTV Surveillance.

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WEBINAR

TOPIC OF THE EVENT: CLOUD COMPUTING

DATE: 06.11.2021

PLATFORM: MS-TEAMS

The PG Department of Computer Science and the Department of Computer Applications organized a webinar. Mr. C. Edward Satish, Head of Technology at Chennai Global Delivery, Hogarth Worldwide, served as the resource person for the webinar. He shared his valuable knowledge on the given topic. Around 120 students from Final BCA, CS, and M.Sc. (CS) participated in the webinar and greatly benefited from it.

SEMINAR

TOPIC OF THE EVENT: Natural Language Processing

Date: 18.12.2021

VENUE: Seminar Hall

The PG Department of Computer Science and the Department of Computer Applications organized a seminar. Dr. Sharmila Banu, M.Tech, Ph.D., Associate Professor in the Department of Computer Science at VIT University, was the resource person. She shared her valuable knowledge on the specified topic. Approximately 315 students from BCA, B.Sc. (CS), and M.Sc. (CS) participated in the seminar and greatly benefited from it.

SEMINAR

TOPIC OF THE EVENT: VIRTUAL REALITY AND AUGMENTED REALITY

Date: 26.03.2022

VENUE: Seminar Hall

The PG Department of Computer Science and the Department of Computer Applications organized a seminar. Dr. J. Nafeesa Begum, Vice Principal, Professor, and HOD of

Computer Science Engineering at Government College of Engineering, Bargur, was the resource person. She shared her valuable knowledge on the given topic. Approximately 350 students from BCA, B.Sc. (CS), and M.Sc. (CS) participated in the seminar and greatly benefited from it.

SEMINAR

TOPIC OF THE EVENT: Data Visualization & Interactive Dashboard Creation

Date: 31.03.2022

VENUE: Seminar Hall

The PG Department of Computer Science and the Department of Computer Applications organized a seminar. Dr. K. Ganesan, Chairperson of VIT Business School and Professor holding a Higher Academic Grade in the School of Information Technology and Engineering at Vellore Institute of Technology, Vellore, served as the resource person. He shared his valuable knowledge on the given topic, and around 350 students from BCA, B.Sc. (CS), and M.Sc. (CS) participated in the workshop and benefited from it.

SEMINAR

TOPIC OF THE EVENT: Artificial Intelligence

Date: 19.05.2022

VENUE: Seminar Hall

The PG Department of Computer Science and the Department of Computer Applications organized a seminar. Dr. T. Mythili, Associate Professor in the School of Computer Science and Engineering at Vellore Institute of Technology, Vellore, served as the resource person. She shared her valuable knowledge on the given topic, providing students in our department with a crystal clear idea. Around 350 students from BCA, B.Sc. (CS), and M.Sc. (CS) participated in the seminar and benefited from it.

DEPARTMENTAL EVENTS

TOPIC OF THE EVENT: FESTIVISTA 2K22

Date: 16.5.23

VENUE: Seminar Hall

Our department organized Departmental Events both technical and non-technical, the following Events were organized

- 1. Power point presentation**
- 2. Group discussion**
- 3. Live reporting**
- 4. Web designing**
- 5. Quiz**
- 6. Poster presentation**
- 7. Non Technical events like Mehandi, Hair do, Glass Painting etc.**

Students participated in various events and won prizes too.

FACULTY ACHIEVEMENTS

1. Ms. T. Aruna attended an 8-day certificate course on machine learning with Python programming organized by MSME in collaboration with the Government of Tamil Nadu.
2. Ms. C. Ranjitha attended an 8-day certificate course on machine learning with Python programming organized by MSME in collaboration with the Government of Tamil Nadu.

STUDENT ACHIEVEMENTS

1. Sadiya Tasleem.S from III BCA has participated in Annual Young Innovator Nature (AYINA-2022) organized by Islamiah college (Autonomous) on 16-3-22.
2. Kothwal Aleena Fathima from III BCA has successfully completed Online Course on Demystifying cloud security organized by IT Expert Training the Future of Learning.
3. Kothwal Aleena Fathima from III BCA has participated in National Talent Search 2021 for Senior/Degree college category Organized by AMP/NTS 2021.

4. Sadiya Tasleem.S from III BCA has successfully completed Online Course on Intro to Graphic Design with Photoshop and java programming organized by great learning academy.
5. Zainul Arab O.H from III BCA has participated in Annual Young Innovator Nature (AYINA-2022) organized by Islamiah college (Autonomous) on 16-3-22.
6. Jambu Kubra Tahreem and Munazza fathima from III BCA have participated in TECH TUNER in SAIT'22 organized by sacred heart college and won **IIIrd prize**
7. Aafiya Afsheen and Fiza Fathima from II BCA have participated in PPT on SAIT'22 organized by Sacred Heart College and won **IInd prize**.

SEMINAR

TOPIC OF THE EVENT: MACHINE LEARNING

Date: 29.9.22

VENUE: Seminar Hall

The Department of Computer Applications organized a seminar. where Dr. S. Uma, Assistant Professor from the Department of Computer Science & Applications at Government Arts & Science College, Thiruvalluvar University Constituent College Tirupathur, served as the resource person. She shared her valuable knowledge on the given topic. Around 250 students participated and benefitted from the seminar.

STUDENT ACHIEVEMENTS

1. Subiya Mariyam. T and Fiza Fathima from III BCA have participated in PPT on SPACE 2022 organized by sacred heart college on 23.9.22 and won **I prize**.
2. Safoora Jabeen. I from III BCA has participated in Media Mirchi on SPACE 2022 organized by sacred heart college on 23.9.22 and won **II prize**.
3. Fiza Fathima from III BCA has in SPACE 2022 organized by sacred heart college on 23.9.22 and won **STAR OF SPACE Award**.

INDUSTRIAL VISIT

Date: 10.11.022

VENUE:ISRO SATELLITE CENTRE

The final year students and faculty members of the Department of Computer Applications went on an industrial visit to the ISRO Satellite Center in Bangalore. During the visit, they observed various old satellite models such as Aryabhata and Rohini, examined rocket fuel propellants, explored astronomical 3D images of India, and studied satellite communication models.

ONE DAY STATE LEVEL WORKSHOP

TOPIC OF THE EVENT: Building Web Applications Using Angular

Date: 15.03.2023

VENUE:AI/DS LAB

The Department of Computer Applications organized a one-day state-level workshop. Dr. T. Mythili, Professor at the School of Computer Science and Engineering, VIT Vellore, was the resource person. Around 250 students participated. She provided hands-on practice in the frameworks of Angular, ReactJS, and MongoDB. The session was useful and informative.

NATIONAL LEVEL SEMINAR

TOPIC OF THE EVENT: Recent Trends in IT

Date: 17.03.2023

VENUE:AI/DS LAB

The Department of Computer Applications organized a one-day national-level seminar. Dr. Swarnalatha.P, Associate Professor at the School of Computer Science Engineering, VIT University Vellore, shared valuable information about the Exploration of Blockchain Technology. Dr. Niha Kamal Basha, Assistant Professor at the School of Computer Science Engineering, VIT University Vellore, delivered a lecture on Decentralized Platforms. Dr. Prashant Lahane, Assistant Professor and Infrastructure & ERP Coordinator at MIT-WPU, was

the Resource Person discussing the Importance of Software Design in Developing Software Projects. Around 250 students participated, and the session was highly informative.

VALUE-ADDED COURSE

TOPIC OF THE EVENT: R-Programming

VENUE: ELL LAB

Our department organized a one-week value-added course for final-year students, with 55 attendees. The session was informative.

INTER COLLEGIATE COMPETITION

**TOPIC OF THE EVENT: ARTIFICIAL INTELLIGENCE IN EVERY DAY LIFE
“BOS.CON’23”**

Date: 10.03.2023

VENUE: Don Bosco College

The BCA department students participated in the intercollegiate competition organized by the Department of Computer Science at Don Bosco College, Yelagiri, and won prizes. Faiza Mariyam and Fathima Kounani from II BCA A secured the 2nd Prize in the Connection event. Iffath Rayna from II BCA A also secured the 2nd prize in Meme Mafia.

NATIONAL LEVEL IT SYMPOSIUM

TOPIC OF THE EVENT: SAIT’23

Date: 14.2.23

VENUE: Sacred Heart College

The BCA department students participated in the National Level IT Symposium organized by the Department of Computer Applications (UG) at Sacred Heart College, Thirupattur, and won prizes. Aslappay Zubiya Nehal and Iffah Malak from II BCA A secured the 1st Prize in Tech Tuner and 2nd Prize in Paper Presentation. Anusha Tahreem and Farheen from III BCA secured the 2nd prize in EX-Quiz-ME.

ONE-DAY NATIONAL WORKSHOP

TOPIC OF THE EVENT: THE DYNAMICS OF AUGMENTED REALITY – AR & VIRTUAL REALITY-VR

Date: 2.2.23

VENUE:Thiruvalluvar University

31 students from our department participated in a one-day National level Workshop on 'The Dynamics of Augmented Reality (AR) & Virtual Reality (VR)' organized by the Department of Computer Science at Thiruvalluvar University, Vellore.

ASSOCIATION MEET CLOSING & VALEDICTORY FUNCTION

Date: 19.05.2023

VENUE: Seminar Hall

Our department organized the Association Meet Closing and Valedictory Function. Dr. M. Renu, the Principal, was the resource person. She discussed about the importance of education and job opportunities in the government sector. Around 250 students were participated; the session was useful and informative.