Department of Computer Science
STAR-DBT ACTIVITIES
<mark>Seminars/ workshops/Exhibitions</mark>
2019-20

Academic year	Nature of program	Dates/Duration	Title of Program	Number of beneficiaries
2019-20	International Workshop & Webinar for Degree Faculty Hands on training	27th and 28th of February, 2020.	"Cyber Security and EthicalHacking"	319
2019-20	International Workshop & Webinar for Degree Faculty Hands on training	27th and 28th of February, 2020.	"Cyber Security and EthicalHacking"	319
2019-2020	National Science Day	28th February, 2019	Android Projects (poster presentations) & Arduino Live Models	150

Workshop on Cyber Security & Ethical Hacking- 2020
Day 1

  A 2-day International Workshop on "Cyber Security and Ethical Hacking" is being organized by Department of Computer Science, Bhavan's Vivekananda College, under DBT-Star college scheme on 27th and 28th of February, 2020.

  The Day-1 began with the Inaugural session began at 10:00 am.The Chief Guest for the day was Prof. S Ramachandram, Former Vice-Chancellor, Osmania University. The other dignitaries who were present for the Inaugural session were- Sri IYR Krishna Rao Garu, IAS(Retd.),Chairman of Bharatiya Vidya Bhavan, Sainikpuri Kendra, Air Cmde(retd.). JLN Sastry Garu ,VSM, Vice-Chairman of Bharatiya Vidya Bhavan, Sainikpuri Kendra, Prof. Y Ashok , Principal of Bhavan's Vivekananda college , Mrs. K V B Saraswathi Devi ,Head, Department of Computer Science, various heads of the departments, faculty from various institutions,

Research Scholars and students from other colleges.

 The Chief Guest, Prof. S Ramachandram was also the Keynote speaker for the inaugural session, where he focused mainly on ―Cloud Computing: Security Concerns of data on Cloud.

 The second session was conducted by Mr. M Krishna, Assistant Director, Cyber Forensic Division of the Directorate of Forensic Science under the Ministry of Home Affairs, Government of India.

 This Session focused on ―Cyber Security, Remedies and Research‖. The Speaker, Mr. M Krishna spoke on the various types of Malware attacks and also suggested some remedies to overcome the attacks.

 The third session and last session of the day was a ―Hands-on Session‖ headed by Mr. Giridhar Duggirala , Principal Architect at Wells Fargo Pvt. Ltd.

 This session has been very interesting and useful and gave a practical experience on Ethical Hacking to the participants.

Day 2

 The 2nd day started with a Video Conference talk with Mr. Barry Nester CEO, Board Director, and ARMOR Scientific, USA about "Cyber Security". The Speaker addressed the current issues in the Cyber world.

He also suggested remedies to overcome attacks on User Credentials. He suggested using Multi-Factor Authentication such as passwords along with biometrics.

The second session was on "Darknet Technology" where the speaker, Mr. Vinod Babu (Cyber Security Researcher and Trainer), spoke to the audience on "Dark Web" and "Deep Web".

The speaker mainly focused on the critical causes of information breach and security vulnerabilities that most of us are not aware.

The next session was conducted post lunch where a panel of 5 members Dr. M.V. Ramanamurthy, Professor and Head, Dept of Mathematics& Humanities, MGIT, Hyd, Dr. Sri Venkatesh Muktevi, Associate Professor, Dept of CS, GITHAM University, Vishakapatanam, A.P, Ms. Shanthi Nimmagadda, Security Architect, IBM Security Services, Hyd, Mr. K. Vishwanath, Vice President, Mahee Consulting Services Incorporation, Mr. K. Maruthi Prasad, Inspector of Police and also alumni of BVC, Mr. N.Bhaskar, Lecturer in Dept. of CS discussed on the topic ―Opportunities and Challenges in Cyber Security and Ethical Hacking‖.

 It was an interactive session where the Panel members shared their views on Cyber Security and Ethical Hacking.

They also answered the questions of some of the participants related to cyber attacks, other problems in cyber truncations and the solutions to overcome these problems. The Workshop ended with the Valedictory session. The Chief Guest for the session was Dr. K. Seetha Ram Babu, Chairman, CSI – Hyd Chapter.

The Valedictory session also was graced by Principal, Prof. Y.Ashok, BVC and Mrs. KVB Saraswathi Devi, Head, Dept. of Comp. Science. Mrs. KVB Saraswathi briefed on the 2-day International Workshop.

The Chief Guest Dr. K SeethaRam Babu also addressed the students & faculty on the said topic. This was followed by distributing certificates to all the participants of the Workshop both to faculty and students from various other colleges.

 There were a total of 51 participants for both the days which included 20 faculty and 31 students from institutions like Loyola Academy, Aurora PG College, CVR Engineering College, Badruka Degree College to name a few.

The vote of thanks was then proposed by Mr. G. Mahesh Kumar, Workshop Coordinator who thanked all the participants for making this workshop successful.

The following students of BCA IInd year helped us in conducting program:

- T. Keerthi
- Prabhava Kruthin Ganti
- Naidu Jeetank Reenesh
- Naman Singh Thakur
- Alexander Xavier
- D. Raj Gopal
- T. Vishnu Priya
- K. Rohit
- B. Vyshnavi
- N. Hari Krishna
- D. Kiran
- K. Prashant

National Science Day 2019-20

The Department of Physical and Life Sciences of Bhavan's Vivekananda College celebrated National Science Day on 28th February, 2019.

The theme for the event was "Science for the people and the people for Science".

The National Science Day began with an inaugural session attended by, Vice Chairman, Air Cmdr.(Retd) J. L. N. Sastry, VSM; Prof. Y Ashok, Principal, BVC, faculty members and students of Physical Science and Life Sciences., Air Cmde. (Retd) J. L. N. Sastry, VSM, Vice Chairman, BVC, gave his blessings and discussed the importance of science in our daily life. Prof. Y Ashok appreciated the efforts of the various Departments of Sciences for their team work. The Chief Guest, Dr J Kedareswari, Curator, Education, Publication, Public Relations, Salar Jung Museum, Hyderabad, gave an insight into how science can be useful for the people. She emphasized the importance of science in safeguarding the cultural heritage of our country. There was a Science Fair which included events such as live experiments, poster presentations, display of models and a Quiz competition. There was an enthusiastic participation by the students of various science departments of the college. A total of 150 students registered for the various events in the Science fair. The theme for Poster Presentations for the Dept of Computer Science was: "IOT Applications and Security", in which 39 students participated.

The next event that was conducted by the Dept of Computer Science was Project Presentations on various platforms such as Android and Arduino Programming which had around 40 participants.

There were a total of 78 poster presentations given by students from both Physical Sciences and Life Sciences. A total of 23 teams had participated in the Quiz conducted by the Dept. of Genetics and Biotechnology and 18 students who had participated in the Micro Presentations.

The National Science Day celebration came to an end with Prof Y Ashok, Principal, and BVC, giving away the

prizes for all the winners of various events and certificate of appreciation to all the participants.

National Science Day 2019
EVENT REPORT

Name of the Event: Arduino Live Models
Judge Name: Mr. B. David Raju (Head Dept. of ESE, GIOE)
Number of Participation: 23 Students (7 Teams)
Report:-
There was a splendid response for this event from students as they practically demonstrated their models and explained the usage of the product in real time.
Projects like Smart Attendance System, Car Locking System, Solar Track System and many more attracted the attention of the audience.
Event Name: Arduino Live Models

Prize	Name of the student	Class/Section	Project Name
First Prize	D. Uday Kumar	MECS 3A	UKS Smart Attendance system
	K.Kalyan		
	Ch.Sravya		
Second Prize	Venkatesh .Gunji	MECS 2A	Color Sorter
	Avanesh Kasi		
	K.Rohan		
	S.Allen		

EVENT REPORT

Department: **Computer Science**

Name of the Event: **Android Projects (posters presentation)**

Judge Name: **Mr.B.David Raju (Head Dept. of ESE, GIOE)**

Number of Participation: **17 participants**

Report:-

Students projected their android apps, through poster presentations and live demonstration using mobile. Some applications like NSS app,Placement cell app, NCC app, ECOFLORA, Government Exams, Study hub are ready for installation and are apt for the present scenario.

Event Name: **Android Projects (poster presentations)**

Prize	Name of the student	Class/Section	Project Name
First Prize -I	Shiva Narayana Dev	BSC 2nd year Mpcs 2 B	Placement Cell
	Dilip Kumar Patro		
First Prize-II	K.Baba	Bsc 2nd year Mscs -2A	NCC App
	B.Sai charan		
Second Prize -I	K.Harika	BSC 2nd year	Government Exams
Second Prize –II	Ch. Nikil Kumar	BCA 3rd year	Bhasker Academy

EVENT REPORT

Department: **Computer Science**

Name of the Event: **IOT Applications and security (Posters presentation)**

Judge Name: **Ms.Vamsi Mohan**
HOD Computer Science,
RBVRR Women's College

Number of Participation: **39 participants**

Report:-

Students projected their innovative ideas on IOT- Applications andSecurity using flexi posters.

Automated Self Driving Car, Smart Dustbin System, Smart Parking System and many more gained the attention of the faculty members ofthe college and students who visited the fare.

Event Name: IOT Applications and security (posters presentation)

By (M.Sc-Computer Science)

Prize	Name of the student	Class/Section	Project Name
First Prize -I	G. Sai Aravinda	MSC –Cs 2nd year	Smart dustbinsystem
	P.Sreshta		
	K.Aruna		
Second Prize -I	K.Hitesh Singh	Msc-CS 1st year	IOT based object recognition using HAAR-CASCADE algorithm
	Saumesh Routray		