Bhavan Bhavan's Vivekananda College of Science, Humanities & Commerce

Of Science, Humanities & Commerce
Autonomous College - Affiliated to Osmania University
Accredited with 'A' grade by NAAC
Sainikpuri, Secunderabad - 500094



NAAC RE-ACCREDITATION - 2ND CYCLE

Criterion VI: Governance,
Leadership and
Management

6.5.3
Conferences/Seminars/
Workshops - 2019-20

Submitted to

National Assessment and Accreditation Council

Webinar on

Journalism during natural/man-made disasters, including pandemics

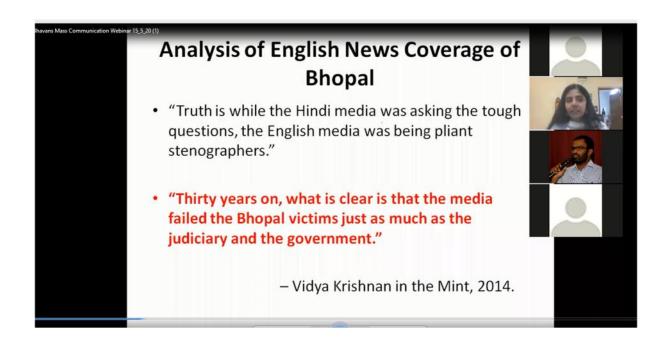
Date: 15th May 2020

A webinar was conducted by the Department of Mass Communication, Faculty of Arts on 15th May 2020 at 11:00AM. The resource person was Ms. Anjali Lal Gupta, Asst. Prof, University of Hyderabad. The topic was 'Journalism during natural and man-made disaster, including pandemics'.

The speaker spoke about media's response to the natural/man-made disasters. She shed some light on Bhopal gas tragedy on how different media channels reported as 'unfortunate' incident. She said that the media should function as predictor rather than a response to the aftermaths. 'Questioning the preparedness of the governments is the most important task that the media should do', said Ms. Anjali. Talking about the protection of the media personnel she said that Journalism must be treated as essential service and adequate policies must be set for the safety of the journalists. The session was attended by nearly 200 people from various states.

Details:

No. of Participants registered - 315 No. of Participants attended - 200 No. of Certificates issued - 207



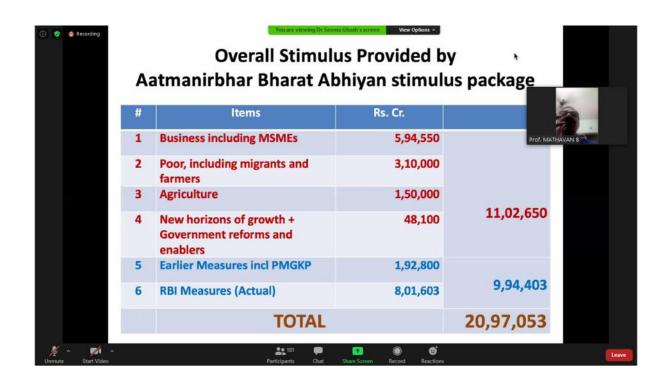
Report on the Webinar Titled

Understanding the Post Covid-19 Pandemic Scenario of Indian **Economy**

The Webinar "Understanding the Post Covid-19 Pandemic Scenario of Indian Economy" was organized by the Department of Economics, Faculty of Arts, Bhavans Vivekananda College of Science, Humanities and Commerce on 20th July 2020 at 2:30 pm. The guest speaker was Dr. B. Mathavan, Professor and Coordinator, Economics Wing, Directorate of Distance Education, Annamalai University, Tamil Nadu. The webinar was organized through online mode on Zoom platform for the undergraduate and post graduate students at the college and outside the college with 200 number of participants.

The session started off by defining and differentiating between an epidemic and pandemic, followed by engaging in a serious discussion about how the Covid-19 pandemic has affected the lives of every single person and their household all around the world to the effect on our national economy. The speaker also drew the attention towards the breakout of various epidemics and pandemics in the past centuries and how the people dealt with the consequences and recovered individually as well as a national economy from them, back then. The speaker further elaborated on how the Covid-19 pandemic started and spread all over the world, a threat to everyone's health and a great hit on the economy. The pattern of spread of the pandemic was also discussed through graphical representations. The speaker enlightened the attendees about the country-wide lockdown and global economic downturn, all the negative consequences from increase in food insecurity to decline in global trade, everything from local to global level. The speaker also threw light on the Modern Economic Society, health and economic shock, demand shock, supply shock, the circular flow of and income and spending during the pandemic. He concluded by bringing into limelight, the steps taken by the Indian government to recover from the Covid-19 pandemic such as the Atma Nirbhar Bharat Abhiyan. In short, it was a very insightful session, and the attendees learnt a lot about the present economic circumstances and predicting the future outcomes of the pandemic and tackling the problems caused by it.





Webinar on

National Education Policy 2020

12th August 2020

The faculty of Arts organized a webinar on 'National Education Policy 2020' on 12th August 2020. The resource person for the session is Prof. G. Nagaraju, Dept. of Sociology, University of Hyderabad. He spoke saying that the NEP 2020 is primarily divided into 4 parts primary education, Higher education, other areas of critical importance and execution of the policy. He said that there is a paradigm shift in the policy and a reorganization of the entire school education 'The policy aimed at breaking rote learning, envisage meaningful learning, development of critical capacities and critical cognitive skills', said Prof. Nagaraju. He told that the use of mother tongue as a medium of language need to be critically assessed. He stressed on to break the idea of Higher education as an elite good and be more accessible to the students of all walks of life. He concluded saying that a quality education has to assured for all with strict implementation of inclusive policies.





Webinar on

Media and Democracy: Roles and Responsibilities

A Webinar was organized by Dept. Of Mass Communication, Faculty of Arts, on 5th November, 2020 via Zoom video. The speaker for the session was Dr. Srinivas Panthukala, Asst. Professor, Dept. of Communication, English and Foreign Language University, Hyderabad.

This session mainly focused on the Mainstream Media and the relation between Media and Democracy and how media takes the responsibility of efficient functioning of Democracy.

Dr. Srinivas said that the media keeps the peoples awakened and there is no denying the fact that it has become one of the major instruments of social change. He also told that Indian media had two phases which it went through for its growth. One is India's Independence movement in which media got its confident booster for being able to spread knowledge about the whereabouts and the other phase is seen during emergency period:1975 where media was strongly controlled and freedom of media was completely crushed. He focused on the points of media's freedom, constitutional laws, and the responsibilities of Media in enhancing Democracy.



Workshop on Nanomaterials 2019-2021

A two-day workshop was conducted for B.Sc life Science students by the department of Chemistry along wit CSIR-IICT on "Introduction to Nanomaterials": Carbonaceous Nanomaterials from natural resources and their potential Applications" on 05/12/2019 and 09/12/2019 by Dr.Sutapa Ghosh ,Principal Scientist ,CSIR-IICT ,Hyderabad . The workshop was conducted under Star-DBT scheme.

47 students of BtGC sem VI participated in the workshop.





Report on one - day workshop on

SANSKRIT COMPUTATIONAL LINGUISTIC TOOLS

(8th August 2019)

A one-day workshop was organized by the Department of Languages, **Bhavan's Vivekananda College, Sainikpuri**Secunderabad in collaboration with Sanskrit Academy Osmania University on 8th August 2019 in the MBA Seminar Hall, Room no. 208.

Inaugural Session

The Inaugural program was graced by Air Commodore JLN Sastry, VSM - Vice Chairman, BharatiyaVidyaBhavan, Vice Principal - Mrs. B. Niraimati and Workshop Convener - Dr. C Kameswari, Dr. K. Varalakshmi - Deputy Director Sanskrit Academy Osmania University and keynote speaker - Dr. Tanuja Ajotikar - Co-Director, Department of Sanskrit, IIIT, Hyderabad.

Dr. C. Kameswari welcomed the dignitaries and the participants and briefed them about the objective of the workshop. She emphasized that everyday teaching has become a challenge for the teacher which in turn increases the need for awareness amongst the teachers regarding the advancements in the usage of technical tools. Air Commodore JLN Sastry spoke about the significance of Sanskrit language as reflected in the Vedas and Epics. He expressed his gratitude to the Sanskrit academy for obliging to collaborate with the college to conduct the workshop. Mrs. B. Niraimati appreciated the initiative taken by the Department of Languages for conducting such a workshop which would enable the teachers and research scholars to be aware of the technological aids which would upgrade the teaching methodologies.

Keynote Address

Dr. TanujaAjotikar -Co- Director, Department of Sanskrit, IIIT, Hyderabad spoke about the benefits of digitizing and tagging of Sanskrit texts and research work so that they can be accessed from any part of the world. The address comprised a power point presentation on the computer and googling techniques which can be employed to extract information about Sanskrit Puranas, Vedas, Shlokas and their meanings. The session focused on the incredible ways in which technology can be used to learn and explore Sanskrit language.

The keynote speaker was felicitated by Air Commodore JLN Sastry, VSM - Vice Chairman, BharatiyaVidyaBhavan and Vice Principal - Mrs. B. Niraimati, Bhavan's Vivekananda College, Sainikpuri, Secunderabad.

Session 1& 2

The first and second sessions which commenced after the tea break, were conducted by **Dr. K. Varalakshmi**- Deputy Director, Sanskrit Academy, Osmania University. The sessions aimed at elucidating various linguistic tools used for processing Sanskrit language for morphological analysis, generation and segmentation. Word generators which help in identifying and differentiating the various functions of a word, Word analyzers which help in understanding the

various grammatical aspects of a word, Sentence level analyzers which help in analyzing the words in a given sentence based on the parts of speech, Sanskrit –Hindi translation and the use of CLT toolkit were discussed at length which could be effectively used by Sanskrit teachers and research scholars. The session also encompassed the use of Sandhi splitter which shows all possible splittings of a given Sanskrit string of characters and Morphological generator, which shows the inflectional and some derivational forms of a given noun or a verb.

Session 3& 4

The Technical sessions were conducted by Mr. Sanjeev Panchal, Mr. Sanal Vikram and Mr. Malay Maity from the Department of Sanskrit, University of Hyderabad. They have complimented Dr. Vara Lakshmi's insights into practical knowledge and divided all the participants into 8 groups. The participants were taught to use smart phones and modern technology to teach various aspects like *Kaarak*, *Vibhakthi*, *Vaakya Nirmaan Prakriya* to the students.

Valedictory

The workshop concluded by the valedictory session. Dr. C Kameswari, Convener for the workshop & Head, Department of Languages appreciated the inputs given by the keynote speaker and resource persons and shared her learning experience with the audience.

The workshop was attended by 39 participants which included Dr. Raj Narayan Awasthi – Hindi Officer ECIL Hyderabad and Sanskrit teachers, research scholars from various reputed colleges like Sanskrit Academy, St. Francis Women's College, St. Ann's College for women, St. Pious Degree college, Avinash Degree College, Bhavan's Sri Ramakrishna Vidyalaya Sainik puri, Bhavan's Sri Aurobindo Junior College, SVVVS College, Badruka College, Potti Sri Ramulu Telugu University, Nampally, University Arts & Science College, Kakatiya University Warangal, Andhra University Guntur, Vivekananda Government Degree College The workshop was enriching and informative for the delegates.

Dr. Raj Narayan Awasthi – Hindi Officer ECIL Hyderabad, appreciated the insights given in the workshop and expressed though, he has knowledge in technical tools, he was there to learn more technical aspects which would help him in his future research work. He also added such workshops should be conducted for two days to improve more technical knowledge and handson experience. Dr. MuktaVani - Vivekananda Government Degree College, Hyderabad and Mrs. Sridevi –St. Ann's College for women, Mehdipatnam, Hyderabad emphasized on conducting such workshops for two days in future which would provide immense technical knowledge to the teachers, so that they can apply that in their regular teaching pedagogies.

Guest lecture by Dr. Sourav Kanti Mukopadhyay

The Department of Biochemistry organized a guest lecture on 12-12-2019 under DBT-Star college scheme for undergraduate students of Biochemistry. The lecture was delivered by Dr. Sourav Kanti Mukopadhyay, Scientist, Analytical Sciences Dept, Aurobindo Pharma Ltd, Hyderabad. He delivered a lecture on "Good Lab Practices and Method Development". He created awareness on the necessity and importance of Good Lab Practices (GLP) and the need to follow them in the industries as well in the college laboratories. Students were also explained about the good documentation processes and calibration of instruments. He also explained about the necessity for the development of appropriate and valid method in formulating the drug and forwarding it to the processing level. Students of M.Sc biochemistry also have attended the seminar and interacted with the speaker. Overall, the lecture was very informative in preparing the students to work in industries.







Seminars-20-21

Webinar on "Connect to Alumni"

Department of Microbiology organized a webinar "Connect to Alumni" Student –

Alumni Interaction on 11th July 2020 (10.00am-12.00noon).

It was an online meet of M.Sc Microbiology Alumni students. It was an alumni interaction platform between the current microbiology students of B.Sc and M.Sc. The discussions included the alumni from academic, research and industrial expertise, where they shared their experiences pertaining to individual pursuit for advancing in career. It was a productive meet, as it could inspire many of the students plan and discover new avenues in the field of life sciences.

Our esteemed alumni part of the program

- Dr.Y. Swarnalatha
- o 2001-03,
- o Dean (Higher Studies)
- o Sathyabhama Institute of Science & Technology, Chennai.
- Mr. Sanjay Hiraskar
- o 2005-07
- o Research Scientist- Molecular Biology,
- o Richcore Life Sciences, Bengaluru.
- · Dr.Prasad Ernala
- o 2006-08
- o Assistant Manager (Process R&D),
- o Fermentation Technology Development
- o Dr.Reddy"s Laboratories, Hyderabad.
- Mr.Sai Kishore Butti(Ph.D)
- o 2010-12

- o Research Associate,
- o CSIR-IICT, Hyderabad.
- Dr.Shvaitha Madhuri
- o 2010-12
- o Osmania University Gold medalist,
- o DAAD Fellowship receipien
- o Ph.D Molecular Biology,
- o University of Konstanz, Germany.
- Mr. Rajkumar Vodnala
- o 2010-12
- o Scientist II, Microbiology
- o US Pharmacopia, Hyderabad.
- Mr. Vijay Sainu
- o 2011-13
- o Upstream Manufacturing Specialist, Level 3
- o Alvotech-Reykjavik, Iceland.
- Mr. Dastagir Mohammed
- o 2011-13
 - Head of QC, VPS Healthcare- ZIVA, UAE

ACCREDITED WITH A GRADE BY NAAC

AUTONOMOUS COLLEGE, AFFILIATED TO OSMANIA UNIVERSITY

Webinar on

"CONNECT TO ALUMNI" STUDENT - ALUMNI INTERACTION

11th July, 2020 10:00 am - 12:00 noon

Academicians/Scientists



Dr. Y swarnalatha M.Sc Microbiology (2001-03) Dean (higher studies), SIST, Chennal



Dr. Prasad Ernala M.Sc Microbiology (2000-05) Asst.Manager (Process R&D) Foddy's laboratorics Hyderab



Rajkumar.V 2012 batch Scientist II,



Sanjay Kumar.H

Experts from Industries

Research Scholars



Sangeetha Devi K BSc (MGC) (2012-2015) (PhD Scholar) II S, Bangalore



Sai Kishore Butti M.Sc Microbiology (2010-12) Research Associate, CSIR-HCT (PhD Scholar)



Vijay.S Dastagir M
M.Sc Microbiology (2011-13)

Upstream Manufacturing Specialist Avotech Island

Head, QC VPS Healthcara-Ziva, UAE
Avotech Island





Shvaitha Madhuri MSc Microbiology (2010-2012) (FhD Scholar) Molecular Diology, University of Konstant, Germany



Amrithesh.K.A

Discussion based on experience from alumni on Career Guidence, Higher Studies and Placements

This event is for B.Sc and M.Sc Lifesciences Students, BVC

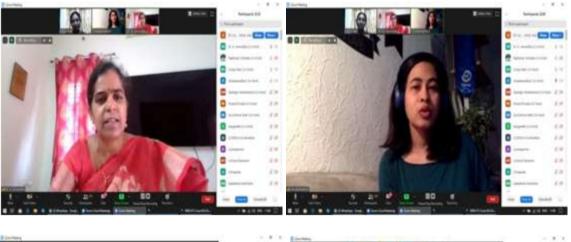
Organized by Department of Microbiology

Registration Link https://forms.gle/ZBjvAw13TynsRo3c8

Contact

Dr.K.Anuradha (HOD) Department of Microbiology -91 9849977396

Ms. Anju (Asst.Prof) Member, BVC Alumni -91 8106944053















Awareness on Quality Research - An IQAC& RCEC Initiative

IQAC committee of the college in collaboration with Research Consultancy, Extension Committee (RCEC) had organized an awareness programme for the college faculty on *Quality Research* on 1st February 2020. This initiative was taken in accordance to UGC recommendations on Quality research notified in its order dated 19th September 2019 to all Universities and Colleges.

In this Awareness programme two lectures were delivered by Dr.K. Anuradha ,Coordinator of RCEC committee and DR. J.Sarada ,senior faculty and RCEC member. Dr.K.Anuradha created awareness on Qulaity publications, Purpose and imporatnce of UGC care list, UGC care list Group I & II categories, Qulaity of Journals, Scopus and Web of Science category publications and citations of Authors. Lecture on Research and Publications ethics was delivered by Dr.J.Sarada ,in which she discussed on Principles of Ethics, Scientific misconduct ,methods to identify predatory journals and Citation databases and research metrics.

This programme had laid a foundation among the faculty on Publication quality and insisted on ethics in publications. IQAC coordinator Dr. Vasudeva Rao had concluded the programme by requesting all faculty to follow the guidelines given by the UGC while publishing their research articles.







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A REPORT ON THE NATIONAL LEVEL TWO-DAY WEBINAR CONDUCTED BY IQAC

The Internal Quality Assurance Cell (IQAC) of Bhavan's Vivekananda College hosted a**National level** two-day webinar on **Research Capability Building- A strategy to promote research culture in Higher Education Institutions**, on 12th, 13th and 14th of May 2020.

Ms. K. Suvarchala Rani, Deputy Coordinator, IQAC, greetedthe participants and guided them to ensure the smooth conduct of the programme. Dr. K. Anuradha, Coordinator, Research Committee, BVC, presented the schedule for the webinar and requested the Principal, Prof. Y. Ashok to deliver his inaugural speech.

The Principal, Prof. Y. Ashok extended his cordial welcome to the resource persons and lauded the efforts of the IQAC team in organizing the webinar. He expressed his conviction that in order to cater to the needs of the students of the digital era, faculty members need to keep themselves abreast of the latest developments, innovations and trends in their chosen field. Expressing the hope that the webinar would be a beacon that can help the zealous faculty navigate the world of research, he ended his address.

The Coordinator of IQAC, Dr. K.VasudevaRao, Coordinator, IQAC, commended the efforts of his team and conveyed his belief that the webinar would foster quality research culture among the faculty and the delegates.

The first session commenced after Dr. K. Anuradha presented a profile of the first resource person, Dr. PalluReddanna.

Session 1

Resource person: Dr. PalluReddanna, BSR Faculty Fellow & Project Coordinator,

BioNest Incubation Center, School of Life Sciences, University of Hyderbad.

Topic: Funding Opportunities for Research & Grant Proposal Writing

The first part of the session, dealt by Dr. PalluReddanna focused on **Funding opportunities available for researchers**. The speaker presented an overview of the database of currently available funding resources. He elaborated the personal support available to research and researchers. He began with the **Personal Support - Fellowships and Awards Tenable in India**. A few to mention, under this category are - Innovation in Science Pursuit for Inspired Research Program (INSPIRE), Swarnajayanti Fellowships Scheme, Young Scientist's Research Award (YSRA) (DAE, BNRS) and CSIR Young Scientist Awards. He then continued to talk about the **Personal Support: Fellowships and Awards Tenable Abroad**. These included Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA), Indo- German Science & Technology Centre (IGSTC) and Indo-US Science & Technology Forum (IUSSTF). He also elaborated on the **Women Scientist Support Schemes**, which included Women Scientists Programs(Women Scientist Scheme – A, B, C), SERB Women Excellence

Award. Under the **Re-entry Fellowships** (**Foreign Return**) category, he explained about schemes like Visiting Advanced Joint Research (VAJRA), Ramanujan Fellowship and other schemes.

His talk on **Grants for Infrastructure Development** exemplified various schemes like Fund for improvement of S&T infrastructure in Higher Educational Institutions (FIST), Sophisticated Analytical & Technical Help Institutes (SATHI) and STAR College Scheme for Strengthening UG Science. Talking about **Research Project Grants**, he mentioned about CSIR Research Grants & CSIR Sponsored Grants, UGC- Start-up Grant, Biotechnology Ignition Grant Scheme (BIG) and SERB-Core Research Grant(CRG), amongst others. He also discussed the **Grants for Industry and/or Academia Partnership** – Small Business Innovation Research Initiative (SBIRI), Promoting Academic Research Conversation to Enterprise (PACE) etc. Heclarified how the Funding Opportunities ease the students, researchers, entrepreneurs and startups through different phases until their products reach the market and exemplified the **Support for Conducting and Attending Conferences** – Conference, Travel, Exhibition and Popular Lectures (CTEP), SERB- International Travel Support (ITS) etc.

The second part of his presentation wason **Grant Proposal Writing**which included, Fundamental Principles of Grant Writing, Specific Aims & Significance and Preparation of a Grant.

He discussed the **Types of Grants** – Personal (to avail in India or abroad), Career Development Awards, Training Grants, Research Projects an Center of Excellence Grants. He talked about the **Funding Agencies** – National (DBT, CSIR, ICMR etc.) and International – NIH, USDA, TheRockfeller Foundation etc.).He then explained the **Proposal Template** consisting of the sections – Defining the problem, Proposing Hypothesis, Specific Aims, Methodology, Budget(Recurring & Non-recurring, Time Frame & Mile stones, Deliverables, Outcome and Future Directions. In the Core Review Criteria, he explained – Significance, Investigators, Innovation, Approach and Statutory Approvals. He interpreted the **Evaluation Scores** – High, Medium and Low. Under **Writing Tips: Getting Ready**, he explained how to Plan ahead, Write and revise a 1-2 page concept paper and the Tricks of the Trade. He ended his presentation motivating the **New Investigators** explaining them the **Early Stage Investigator Policies**, giving tips to **Junior Investigators** and advised on things to be done **Before Submitting the Grant**.

Ms. K. Suvarchala moderated the Q & A session followed by Dr. PalluReddanna's presentation. Dr. K. Anuradha expressed her gratitude to Dr. PalluReddannaand introduced the second speaker, Dr. Kruthi L. Trivedi.

Session 2

Resource person: Dr. Kruthi J Trivedi, Scientist – C, Inflibnet center, Gandhi Nagar Topic: Research Performance Matrices: Calculation and Context

Dr. Kruthi's session started with the introduction to **Bibliometrics**, which is the statistical *analysis of Bibliometric data, mainly in scientific and technical literatures*. She expounded on different aspects involved – Cost of Subscription to Peer Review Literature, Fund Allocation, Increase in Government Funding, Identifying new areas of research, Identifying Declining areas of Research, Social Responsibility and Accountability, Decision Making and Global Benchmarking. She then moved on to **Bibliometric Indicators**- Absolute Indicators & Relative Indicators and Measuring Growth of Research Publication of an Institute – Publications, Counting Schemes, Unique Identifiers for Authors and Researchers, Calculation of Annual Growth Rate (AGR) and Compound Annual Growth Rate (CAGR). The third section included **Indicators to Measure Impacts** – Citations, Measuring

Correlation using Spearman's rank and Karl Pearson Correlation, Correlation between no. of downloads vs. no. of articles published, Research Output, Analyzing Active and Passive Areas of Research by calculating Activity Index (AI) Relative Specialization Index (RSI) & Collaboration Index, Journal Impact Factor, its calculation, Immediacy Index, Bibliometric Studies & Analyses-Measuring Research Output. The session was very informative, providing direction and inputs for strengthening the R& D of the institution.

The Q&A session was moderated by Ms. K. Suvarchala Rani and Day 1 of the webinar was concluded by Dr. K. Anuradha.

Session 3

Resource person: Dr. J. Sarada, Asst. Professor, Department of Microbiology, BVC Topic: Research Ethics for Quality Research

Dr. K. Anuradha, Coordinator, Research Committee, BVC, initiated the webinar on the second day by presenting the profile of the speaker, Dr. J. Sarada.

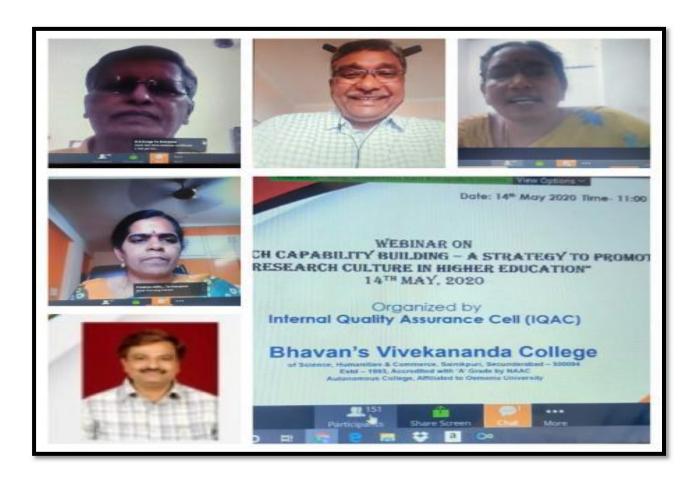
Dr. J. Sarada, who is the mainstay of R&D in BVC, is a supervisor to Ph.D. and M.Phil. scholars, has many publications, awards and honours to her credit, including the Indian patent 1557/MAS/96 on indigenous production of Cephamycin C along with Dr. Padma Sreedhar, UGC –CSIR fellowship & GATE and SudhaGorthi Award for excellence in teaching.

Dr. J. Sarada commenced her talk with the first section, **Introduction** to 'Research', 'Ethics' and the significance of Research ethics. The second section of her presentation dealt with **Ethical Code and Policies**. The reason behind the creation of Ethical guidelines, Research History Tragedies, The Nuremberg Code, The Declaration of Heisinki, The Belmont Report, Codes and Policies for Research Ethics, Research Ethics Committees- their establishment, monitoring and assessment, aid and support and the culture they foster, were the aspects dealt in this section. The third section was **Basics in Planning**, where she discussed the Basics of Research methods and Ethics, Information and Consent, Constituents of Information Sheets and Components of Consent Sheet. The fourth section **Research Data** had segments on Data Management, Data Storage and Security- Computer Files and Sharing & Ownership of Data. **Ethics in Publication**- the fifth section elaborated the Ethics in Report Writing and Publication and all the related aspects. In the sixth section, **Principles of Research Ethics**, the nitty-gritties of research such as Ethical principles in research, Objectivity, Integrity, Carefulness, Openness, Intellectual Property, Confidentiality Agreement, Responsible Publication, Respecting colleagues, Responsible Mentoring, Social Responsibility, Non Discrimination, Competence, Legality and Animal Care were shared with the participants, with passion and expertise.

Dr. Sarada's presentation ended with thought provoking admonition, "Do what is right, not what is easy." The link to the feedback was circulated after the Q & A session. The webinar drew to a close with the Vote of Thanks proposed by Dr. K. VasudevaRao, Coordinator, IQAC.







Activities 2019-20

Report on National Seminar "Eco-friendly strategies for Sustainable Environment"

Department of Microbiology of Bhavan's Vivekananda College was part of National Seminar organized by faculty of life sciences on "Eco-friendly strategies for Sustainable Environment" on 28th and 29th February, 2020. The seminar was structured to celebrate National Science Day under DBT-Star College Scheme. Environmental sustainability is a fundamental requirement to avoid depletion and degradation of natural resources. Developing effective strategies for maintaining the balance in natural environment is the need of the hour.

The chief guest of the seminar was Prof. K. Janardhan Reddy, Regional Coordinator of Telangana Academy of Sciences, Hyderabad Center. The Guest of Honour of the event was Prof.Purshottam Reddy (Retd), Political Science Department, OU, Eminent Environmentalist, Academician and Development Activist. The seminar was presided by Sri I.Y.R. Krishna Rao, IAS (Retd.), Former Chief Secretary, Govt. of AP, Chairman, Bharatiya Vidya Bhavan, Sainikpuri Kendra andAir Commodore (Retd), J.L.N. Sastry, VSM, Vice Chairman, Bharatiya Vidya Bhavan, Sainikpuri, Kendra. Welcome address was delivered by ProfY.Ashok, Principal, BVC.Dr.Madhumita Bhattacharjee, Convenor and Head, Department of Chemistry, BVC, presented the report of the National Seminar.

The chief guest for the valedictory was Prof.Shivaraj, Dean, Faculty of Sciences, Development &UGC affairs, OU, Hyderabad.

The two day event comprised of technical sessions by eminent scientist and oral and poster presentation by enthusiastic participants. Participants included students, scholars and faculty from various educational and Research Institutions within and outside Telangana.



National Seminar "Eco-friendly strategies for Sustainable Environment"

The faculty of Life sciences (Departments of Chemistry, Microbiology, Biochemistry, Genetics & Biotechnology) of Bhavan's Vivekananda College conducted a National Seminar on "Eco-friendly strategies for Sustainable Environment" on 28th and 29th February, 2020. The seminar was organised to celebrate National Science Day under DBT-Star College Scheme. Environmental sustainability is a fundamental requirement to avoid depletion and degradation of natural resources. Developing effective strategies for maintaining the balance in natural environment is the need of the hour.

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The chief guest for the valedictory was Prof.Shivaraj, Dean, Faculty of Sciences, Development & UGC affairs, OU, Hyderabad.

The two-day event comprised of technical sessions by eminent scientists and oral and poster presentation by enthusiastic participants. The seminar has got a huge participation which included students, scholars and faculty members from various educational and Research Institutions within and outside Telangana.

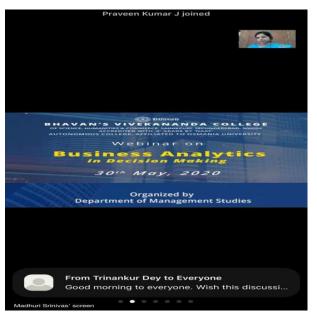
Activities 2019-20

Webinar on 'Business Analytics in decision-making.'

30th May, 2020

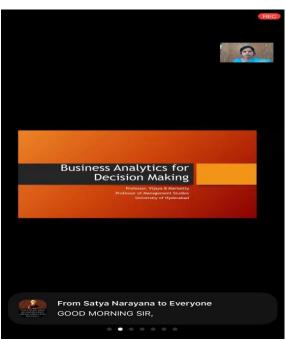
A webinar was conducted by the Department of Management Studies, Bhavan's Vivekananda College on the 30th May, 2020 on the topic 'Business Analytics in decision-making'. The speaker invited for the webinar was Dr.Vijaya Bhaskar Marrisetty, Professor, School of Management Studies, University of Hyderabad.

He spoke about the different types of biases that can hamper human judgement, which necessitates the use of business analytics to take informed decisions. He spoke about the different types of analytics like descriptive, prescriptive, diagnostic and cognitive analytics. More than 700 students and faculty members from all over India participated in the webinar.









Webinar on

Business Opportunities and challenges in the post Covid-19scenario

16th May, 2020

A webinar was conducted by the Department of Management Studies, Bhavan's Vivekananda Collegeon the 16th of May, 2020 on the topic 'Business Opportunities and challenges in the post Covid-19 scenario'. The speaker invited for the webinar was Prof.Lalitha Ramakrishnan, Professor of International Business, Pondicherry University.

More than 700 students and faculty members from all over India participated in the webinar.

She said that every problem should be taken as an opportunity. In the difficult covid situation, there is an opportunity for India to build our economy. There are three different shapes of recovery after recession.U, V and L shapes, once lockdowns are over, U shaped recovery will be seen in India according to her. She spoke about the post-covid scenarios with reference to different sectors of the economy such as the production sector, realty sector, hotels and tourism, telecom, automobile, aviation, financial services and so on. More than 700 students and faculty members from all over India and abroad participated in the webinar.



Registration fee: INR 500



Bhavan's Vivekananda College

Of Science, Humanities and Commerce
Sainikpuri, Secunderabad - 500094
Accredited with 'A' Grade by NAAC
Autonomous College | Affiliated to Osmania University

Timings: 2:30 PM to 4:30 PM

FACULTY DEVELOPMENT PROGRAMME ON

FINANCIAL AND ECONOMETRICS WORKSHOP USING E-VIEWS

(FOR PROMOTING RESEARCH)

30 HOUR HANDS ON TRAINING PROGRAMME

RESOURCE PERSON:

DAY 1:

DATE: 21-09-2020

RESOURCE PERSON

MR. N. CHANDAN BABU -

LECTURER, DEPTARTMENT

OF MATHS AND STATISTICS

DAY 2:

DATE: 22-09-2020

RESOURCE PERSON:

DR. K.SREELATHA REDDY -

HEAD, DEPTARTMENT OF

COMMERCE.

DAY 3 TO DAY 17:

DATE: 23-09-2020 TO 10-10-2020

RESOURCE PERSON:

- DR. KOMPALLI SASI KUMAR, ASSOCIATE PROFESSOR FINANCE AND ACCOUNTING, GITAM –HYDERABAD BUSINESS SCHOOL.
- PROF.K. S. HARISP, PROFESSOR STATISTICS AND DATA SCIENCES, SIVA SIVANI INSTITUTE OF MANAGEMENT

ORGANISED BY DEPARTMENT OF COMMERCE

ORGANISING COMMITTEE

COORDINATOR: DR. K.SREELATHA REDDY

ORGANISER: MRS. L. V. KAMALA DEVI

CONTENT DEVELOPER: DR. UMA JAYENDER

MS. RACHANA SHARMA

MRS. SREEMATHI RAGHUNANDAN

MRS. C. SREEDEVI

MRS. KALYANI GORTI

MR. KALEEMULLAH

MRS. NIDHISREE DEVARAKONDA

Report on Financial and Econometrics Workshop using E-Views

The Department of Commerce has conducted FDP (Faculty Development Programme) on Financial and Econometrics Workshop using E-Views for the faculty of all Departments from 21st September' 2020 to 10th October' 2020, with an objective to understand panel data analysis and various methods of analysis of panel data. There were 34 faculty members taken part in this workshop. Overall the workshop provided hands on experience usage, and also able to use appropriate econometric software, E-Views, to understand the Time series analysis.

R. Sremathi
11/2/2021



Bhavan's Vivekananda College

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Sainikpuri, Secunderabad- 500094
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Pertificate of Pompletion

This certificate is awarded to

Sreemathi Raghunandan

in recognition of completion to

FACULTY DEVELOPMENT PROGRAMME ON FINANCIAL AND ECONOMETRICS
WORKSHOP USING E-VIEWS

organised by Department of Commerce from 21/09/2020 to 10/10/2020.

K Scitaline Reddy

Dr. K. Sreelatha Reddy Head, Department of Commerce Prof. Y. Ashok Principal

INTERNATIONAL WEBINAR 9th May, 2020

"POST COVID STRATEGIES OF INDIAN ECONOMY"

The pandemic Covid -19 is causing jitters to the global economy. India has taken the cue to respond immediately to the pandemic with strict lockdown rules across the country. Asian Development bank estimated that lockdown would reduce the GDP by 2.3%, India's GDP composition is dominated by service sector (approx) 55%, followed by industrial sector 31%, agricultural and allied sector 14%. Government announced various relief packages to revive the economy which will depend on various factors.

However this pandemic does not stop the services of academicians, which is why the webinar to address the strategies required in the field of education, industry and commerce was conducted by Department of Commerce under the aegis of Bhavan's Vivekananda College on 9th May,2020. The resource person of the webinar was Dr. A. Patrick, Assistant Professor, Osmania University. It was conducted in two sessions with 190 participants in the morning session and 176 in the afternoon session through Microsoft Teams platform. Active participation was found from all the corners of the country and abroad.

The webinar started with welcoming participants by Dr. K. Sreelatha Reddy, Head, Department of Commerce and inaugural address was given by Prof. Y. Ashok, Principal, Bhavan's Vivekananda College. Dr. A. Patrick addressed the issues of migrant labourers and threw light on the impact of covid-19, on various sectors. He suggested that agriculture sector should be prioritized in the present scenario.

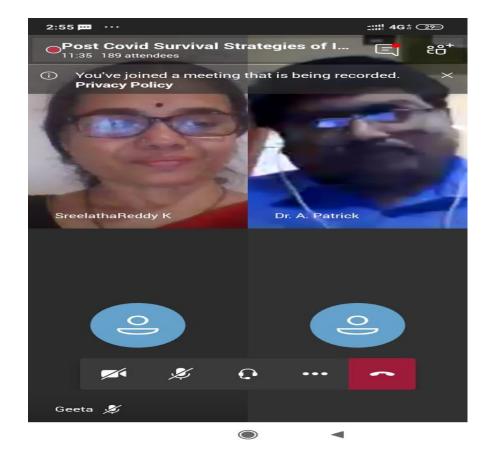
International Webinar- 22nd May, 2020

"CAPITAL MARKET AMID COVID CRISIS- THE WAY AHEAD"

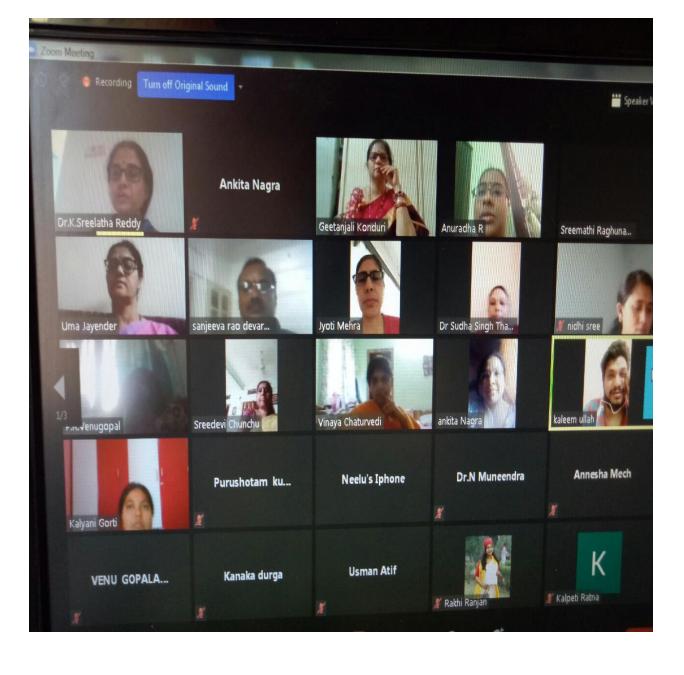
Capital market is a terrain for channelizing savings and investments amidst the suppliers and seekers of capital. It consists of primary and secondary markets and provides a platform for the exchange of securities. The existence of the pandemic is causing a lot of volatility in the capital markets across the world affecting various economies.

Department of Commerce, Bhavan's Vivekananda College, had taken an initiative to address the issues related to the capital market volatility and the precautions to be taken while investing in the capital market by organizing a webinar on 22nd May, 2020 on Zoom platform with 376 participants attending it. The resource person was Mr.P. Naveenkanth, who is a practicing Certified Financial Planner. He is a qualified Financial Risk Manager (GARP) and also holds CDMS(Certificate in Derivative Market Strategies) from Moody's Analytics and Research Analyst Certification from NISM . He is Cofounder of Crest Capital, a Boutique Investment Advisory and Wealth Management firm.

Inaugural and welcome address was given by Dr.K.Sreelatha Reddy, Head, Department of Commerce. Mr. Naveenkanth spoke about the performance of various sectors in the secondary market and the volatility associated with the stock market during this pandemic. He also focused on debt market performance. He suggested that it was the right time to invest in the stock market and not to liquidate the investments because previous instances proved that the markets would recover soon. He patiently answered all the queries related to the apprehensions about investment in the capital market.







Workshop in "Advanced Excel and SPSS and its Applications"

Department of Commerce has launched a new course in "B Com Honours Business Analytics" from the academic year 2019-20. In order to upgrade the skills of faculty members in Excel and Analytics a five-day workshop was organized by the department, held from 29th Oct to 1st Nov and on 6th Nov 2019. Mr. Alok Kumar Singh, resource person from "Impact Education", conducted the workshop. The Excel workshop that gave a hands on experience to the faculty members included topics on maths functions, financial functions, logical functions, data analysis, regression analysis, dashboard, info graphic representation of data, time solving technique (ASAP utility), addins(solver), power business intelligence tool for data analysis, tableau, Excel on-line, blogger, on-line data collection and SPSS. All the faculty members found the workshop to be very informative and enriching at the same time.

Dr Sreelatha Reddy

Head, Department of Commerce



Bhavan's Vivekananda College of Science,
Humanities, & Commerce, Sainikpuri, Secunderabad - 500094
Estd - 1993, Accredited with 'A' Grade by NAAC
(Autonomous College)



Pertificate of Pompletion

This is to certify that

Mrs. Kalyani Gorti

has successfully completed training in

Advanced Excel and SPSS

through a 30 hour workshop conducted from 29th Oct - 6th Nov, 2019

21/ok

Director, Impact Education



H W

Principal, BVC

www.impacteducationindia.com

List of participants for Advance Excel workshop certificates

S.No.	Name of the Faculty
1	Dr. K. Sreelatha Reddy
2	Mrs.N.Padmalatha
3	Mr.P.R.Venugopal
4	Mrs.L.V.Kamala Devi
5	Dr.D.Sanjeeva Rao
6	Mrs.Rachana Sharma
7	Mrs.P.V.Ajitha
8	Mrs.K.Neelavathi
9	Mrs.Vinaya Chaturvedi
10	Mr.M.Thirmal Rao
11	Mrs.Jyothi Mehra
12	Dr.Uma Jayender
13	Ms.Ankita Nagra
14	Mrs.R.Anuradha
15	Mrs.Sreemathi Raghunandan
16	Mrs.C. Sreedevi
17	7 Dr.Sudha Singh Thakur
18	B Mrs.Y.Vijayalakshmi
1	9 Mr. MD.Kaleemullah
2	0 Mrs. Kalyani Gorti
2	1 Mrs. Nidhi Sree Devarakonda
2	2 Mr.R. Guru Prasad
2	3 Mr. Aditya Pillutla
2	4 Mrs. Kalyani Annamraju
2	5 Mrs. Devi Mallika Seenu
2	6 Mrs S Jaya Laxmi

Report on Workshop on Virtual Labs

organized by
The Department of Physics & Electronics
under *DBT star college Scheme*.

The webinar was conducted online using ZOOM platform, on 29-30th, July, 2020

Nature of beneficiaries: BSc students with Maths Physics Computers and Maths Electronics Computers optionals

No. of beneficiaries: 203

The webinar was conducted by the electronics faculty of The Department of Physics and Electronics, to introduce various simulation softwares for understanding physics and electronics subjects, as it was the need of the hour during the pandemic.

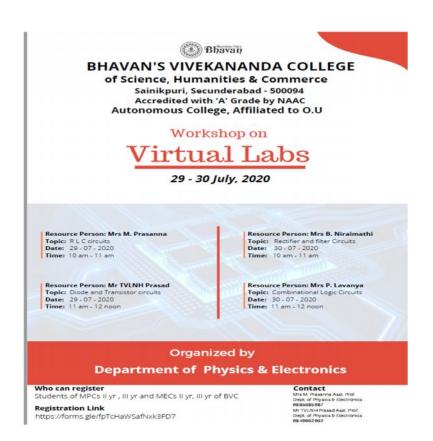
On DAY1 the first session was taken by Mrs M. Prasanna, She has demonstrated various softwares which are useful in understanding the physics concepts, some of them are :- multimeter working by Tesla, PhET Interactive simulations by University of Colorado for basic electricity and magnetism, mechanics, optics, etc.

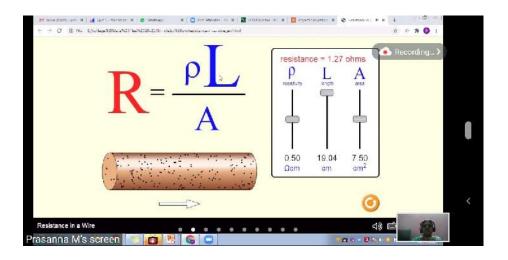
The second session was taken by Mrs Niraimathi, she has shown the design and simulation of rectifier and Filter circuits using TinkerCAD.

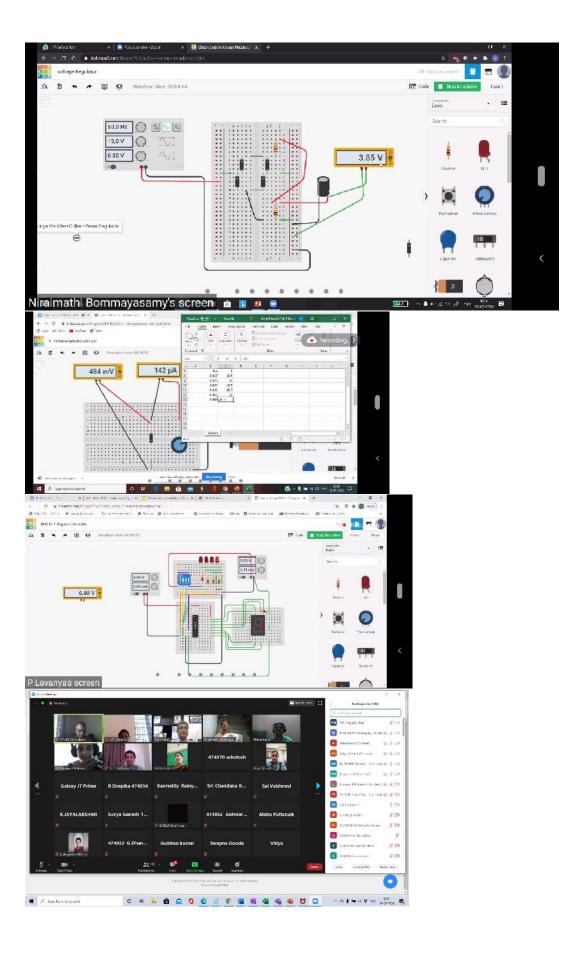
On DAY2. Mr.T. Prasad has shown the working of TinkerCad, with Introduction to the basic circuit construction, Diode - Forward bias and Reverse bias, V - I Characteristics of a pn junction Diode and Zener diode, Zener diode as a regulator, Line and load regulation circuit simulation. Transistor Characteristics (n - p - n transistor) during the first session

The second session was taken by Mrs P. Lavanya, she has demonstrated the design and simulation of combinational circuits using tinkercad and demonstrated working of various combinational circuits using IITK vlabs.

Mrs. M. Prasanna









Bhavan's Vivekananda College of Science, Humanities and Commerce Sainikpuri, Secunderabad-500 094 (Accredited with 'A' Grade by NAAC) Autonomous College - Affiliated to Osmania University

Report on

Workshop on Multisim software conducted on 06/12/2019.

The Faculty of the Department of Physics & Electronics attended the workshop in the Electronics Lab. The resource person was Mr. Karthik from 'M/s Techfluent Solutions Pvt. Ltd.' who is the authorized partner for the distribution/sale of the NI Multisim software. He demonstrated the design of simulations for the construction of circuits like filters, amplifiers and oscillators using discrete components and OpAmps. Digital circuit simulations using various IC's were also being demonstrated by Mr. Karthik, he introduced the faculty to the 'Ultiboard Interface' for PCB layout design. He has also shown the simulation of some real time examples such as trajectory tracing of a ball using Multisim. Some of the final year students who were interested in the software simulations also participated.

Nature of beneficiaries: staff of Dept. of Physics and Electronics

Number of beneficiaries: staff - 8 No.s, students - 5 no.s: V.Sreeja, M.Prem Sai,

G. Venkatesh,, Farooq Shaik, GSNV Sireesha.

M. Prasanna







CYBER SECURITY & ETHICAL HACKING



Bhavan's Vivekananda College

Bluwar's Vivekanentia College of Science, Humanities and Commerce, Saintiguri, has a long standing record of pursuing a policy of excellence, through a holistic approach to

Founded in 1993, it has, over a period of 26 years, established itself as an imititudion of renovan. At present the college enjoys, the status of being autonomous. Housed in sylven surroundings. It has a faculty of 127 and over 3,600, smart, elbrand and talented

The college focuses on all-round development of students which includes aca -curricular & extra-curricular activities and sports with a vision to promote "houth repowerment" with culture, knowledge and strength of body and mind."

Department of Computer Science:

The Computer Science disportment has been an imagest part of the college since its incept started with one undergraduate course - B.Sc (computers). As of now it offers B.Sc, BCA, B.Com computers), and MSc (CS).

with has a dedicated faculty of 30 members with commendable experience in teaching. The main elejective of Computer Science department is to provide the computer science students a platform to know, learn and get an awareness of the emerging trends in computer science and information technology.

About Workshop

About Workshop

As a regular practice to interact with academicians and industry experts, the department of Computer Science is organizing a 2-day workshop on "Cyber Security and Ethical Hocking", which is one of the burning Insues with industry and business, in the present biness, every system is connected with the interned directly for all ears transactions. The future is all about beinging in a Cyber Worth. The software developers and business arguedizations have a replace through with eight of Security of their web sites, unline transaction data, transmitting the confidencial data on the octowish. In this aconsaction debags the present interaction of the missing to explain the present interaction of the missing to explain the present isometic in the society on Security and Hacking. The planform also gives different innovative interaction in the society on Security and Hacking. The planform also gives different innovative interaction research in the field of backing and security, it begin the society, society, industrialists and research is their of backing and security. It begin the topic for their future growth, This platform provides the pass, present and future to the field, the past, present and future the topic for their future growth. This platform provides the part, present and future areas of research in Cyber Security and Ethical Hacking.

Workshop Topics

1) Cyber Attacks, Remedies and Research Directions for attaining more security

2) Hands on Session in Ethical Hacking

8) DurkHet Technology

5) Panel Discussion on "Opportunities and Challenges in Cyber Security and Ethical Hacking"

Resource Persons are Drawn From

ARMOR SCIENTIFIC, USA

Central Foreroic Science Laboratory (CFSL Labor IIIM India Software Labs

Wells Forgs Pvt. Ltd.

Best of CSE, GITAM University, Vishakputurum

Registration Fees

Faculty/ Industry/ Research Scholars: Rs. 1000-Students: 8s. 100/

Spot Registrations available

Payment should be made (Hosugh Demand Oraft in foreur of "Bhayar's Weekananda College of Science, Humanities and Commerce" payable at Hyderstade.

Online payment can be made through NEFT

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Branch Code 18126 enanda Cellege of Science, Humanities and Exerceuros

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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 **27**th and **28**th 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, **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 Seetha Ram 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







