

APS COLLEGE OF ARTS AND SIENCE
N. R. COLONY, Bengaluru-560019.

Department of Post-Graduate Studies in Economics
(M.A)

Date: 31-12-2019

Report on One-day workshop

“Research Methodology with special focus on Testing of Hypothesis”

The department of post-graduate studies in Economics escorted One-Day Workshop on the theme **“Research Methodology with special focus on Testing Hypothesis”** conducted on 31-12-2019 in our college. Mr. Harish. S., Director of INGITA Consulting Service LLP was invited as the resource person. The session was gracefully presided by our Honorable Principal Prof. H.G. Ramesh Babu and Vice Principal, Prof. Marina George. For the workshop 37 students from various departments and 5 faculty members were present. The resource person was covered the concepts of Introduction to research methodology, inferential statistics, parametric and non-parametric tests. He was also focused on formulation and testing of hypothesis.



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A One –Day Workshop on
“Intellectual Property Rights”

A seminar on “Intellectual Property Rights” was held on 27th February 2020. The resource person was Prof. Isaac.P. Elias Associated Professor of Commerce, Christ University. The programme started with a quote by Sathya.R., II Sem BCA and was inaugurated by lighting of the lamp by Prof. Isaac P Elias, Prof. Sharada Devi, Vice Principal, Marina George, Associate Professors. Shankar and Mr. Lokesha.A. Kum. Ramya.R. of II Sem BCA welcomed the gathering.

Prof. Isaac.P. Elias started his presentation with a beautiful quote, defining Intellectual Property Rights as the rights given to a person over the creation of their minds.

He then spoke about the types of Intellectual Property Rights with examples from our daily lives. He said that Intellectual Property Rights includes patents, copy rights, Industrial design rights, trade marks, plant variety rights, trade rights, geographical indications. This workshop enabled students to know who owns Intellectual Property Right students learned many things about the topic, which was very meaningful for their younger generation. Then the programme concluded with a vote of thanks by Ramya.R. II Sem BCA.

Marina George
Principal

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REPORT ON ONE DAY SEMINAR

The department of Post-Graduate Studies in Economics (M.A) of APS College of Arts and Science conducted One Day Seminar on 13/01/2021 on the Theme *INTELLECTUAL PROPERTY RIGHTS WITH SPECIAL FOCUS ON PATENTS AND COPYRIGHTS* in the Seminar Hall of the College.

Kum. Ramyashree G. P., Students of M.A. in Economics, welcomed the gathering. Kum. Sindhu Vasudev, was invited as the Resource Person for the Seminar. Sri. A. Raghavendra Acharya, General Secretary of APS Educational Trust was presided the programme. Dr. B. Jayashree, Principal graced the occasion. All the Heads of the Departments, Professors and Students were also present in the Seminar. Dr. Loksha A was the Seminar Convener.

The Resource Person focused on the relevance of Intellectual Property Rights specially related to Copy Rights and Patents in the modern Days education system. She has focused on the issues related to the copyrights and patents and presented systematically with the suitable examples. She was covered all the relevant things that come under the and her speech was very enlightening and intuitive.

Principal Dr. Jayashree, addressed the gathering and expressed her appreciation for faculty PG (Economics) Department for organizing a seminar. She congratulated all who were part of the event. Sri. A. Raghavendra Acharya, General Secretary of APSET also addressed the students towards the need and significance of the Copyrights in the present higher education system in India. Kum. Kavya. G., proposed the vote of thanks.



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Three Days Virtual International workshop on
Research Methodology

Report on 3 Days Virtual International Workshop on “Research Methodology”

17th June 2021 - 19th June 2021

Venue: Zoom platform

Day 1

Date: 17th June 2021

Time: 2:00 pm

Department of Physical Sciences in association with IQAC, APS college of Arts and Science organized a Three days Virtual International Workshop on “Research Methodology” from 17th June 2021- 19th June 2021.

The Key note speaker of the event Dr B.Ramesh – Registrar (Evaluation), Bengaluru City University, Bengaluru highlighted the importance of Research Methodology. He mentioned that Research Methodology is different for different subjects and the aim of Research should be to help the society in one way or the other.

The Principal Dr B Jayashree delivered the introductory note highlighting the importance of inculcating research culture in the minds of young generation.

The Presidential address was given by Prof A Prakash, Joint Secretary, APSET wherein he emphasized the importance of Advance Technology and Collaboration with Universities from across the globe in enhancing the quality of Research.

The Resource Person of Day 1 **Dr. Kanchana C–Research Expert Instituto de Alta Investigacion Universidad de Tarapaca, Av. Luis, from Chile, South America** gave an informative talk on “**Research Methodology for a good Research paper**”. The session focused on 3 main aspects - What is Research, What Methodology is and what makes a good Research paper. Dr Kanchana spoke about the criteria to select a journal for publishing the paper and impact factor. She suggested to refer from latest papers while working on a research paper. She also spoke about peer- reviewed National and International Journals. She also gave practical tips on how to improve Resume Writing.

Many participants participated in the online workshop. Participants included eminent personalities in the field of Research, Research Experts, Academicians, Faculty and Students from India and Abroad.

Day 1 – Session 1 – Feedback about Dr Kanchana C

Topic: Research Methodology for a good Research paper

Feedback received from participants about of Communication Skills, Presentation Techniques and Content Delivery of the Resource Person. 495 responses were received in all. Around 62% of the participants were of the opinion that the resource person's overall presentation was Excellent.

Day 2

Date: 18th June 2021

Time: 2:00 pm to 5:00 pm

There were two sessions on the second day.

The resource persons for Day 2 were **Dr A Venkataraman, UGC, Basic Science Research Faculty Fellow, Gulbarga University, Kalburagi** and **Prof Arun Umarji – Retd Professor, Material Research Centre, Indian Institute of Science, Bengaluru.**

In session 1, **Dr Venkataraman** gave a presentation on the title “**Research Methodology and Recent Frontiers in Material Chemistry**” wherein he spoke about the elementary aspects of Science, the emerging concepts from atoms to molecules and also about the ideas of Materials bridging the gap between Physics, Chemistry and Biology in higher education. He emphasized on the synthetic strategies in the formation of materials and matter in general.

In session 2, **Prof Arun Umarji** gave a presentation on “**How to build Scientific Equipments**”. Laboratory Equipments refers to the various tools and equipment used by scientists working in a laboratory. Sir highlighted designing and construction of Scientific Equipments in a conventional way. He suggested some economic ways of building Equipments.

Both the sessions on day 2 were very informative. The participants had many takeaways pertaining to “**Research Methodology and Recent Frontiers in Material Chemistry**” and “**How to build scientific equipments**” and the sessions received appreciative remarks from participants all around the globe.



Day 2 – Session 1 – Feedback about Dr. A. Venkataraman

Topic: Research Methodology and Recent Frontiers in Material Chemistry

Feedback received from participants about Communication Skills, Presentation Techniques and Content Delivery of the Resource Person. 495 responses were received in all. Around 60% of the participants were of the opinion that the resource person's overall presentation was Excellent.

Day 2 – Session 2 – Feedback about Prof. Arun Umarji

Topic: How to build Scientific Equipments

Feedback received from participants about of Communication Skills, Presentation Techniques and Content Delivery of the Resource Person. 495 responses were received in all. Around 60% of the participants were of the opinion that the resource person's overall presentation was Excellent.

Day 3

Date: 19th June 2021

Time: 10:30 pm to 2:00 pm

The final day of the Three days Virtual International workshop commenced at 10:30 am on zoom platform.

The resource persons for Day 3 were **Dr. Milind V Kulkarni, Senior Scientist and Group Head, Nanocomposite Lab (C- MET), Pune, Govt of India and Dr. Sujay Sarkar, Assistant Professor at VIT University, Chennai Campus, Tamilnadu.**

In session 1, **Dr. Milind V Kulkarni** gave a presentation on the title, **Research and Development in polymer Nano composite for Multifunctional Applications** wherein he spoke about the elementary aspects of Development of Flexible / Plastic Electronics using conducting polymers and Nanometals (Ag, Au, Cu Graphene and CNTs) based directly pattern able ink-jet printed ink. He spoke on applications of Polymer Nanocomposites and applications including Sensor Materials and Devices.

He emphasized on Chemical Synthesis of Conducting Polyaniline and its substituted derivatives by using Sulphonic, Polymeric and Protonic acids (Inorganic and Organic acids) and Chemical Synthesis of Polypyrrole using different acids as a dopant, Chemical synthesis of Conducting



Polythiophene and its derivatives by chemical polymerization method, Physico-chemical characterization of the above polymers.

Further he explained the Successful utilization of polyaniline and some of its derivatives as a **Humidity Sensor** for a broad range of humidity, ranging between 10-100 % RH.

He explained the aspects of Synthesis and Characterization of Polyaniline-Metal nanocomposite.

He further explained about Conducting polymer based 'Field Effect Transistor' (FET), Nanocrystalline Materials and Nanocomposite for Electronics and Vivid applications.

Further he explained Developing of successfully Prototype "Humidity/Moisture Sensor Device" using Conducting Polymer, Polyaniline. Miniaturization of the same with digital display is in progress, Nanomaterials for Energy Applications (Battery, Supercapacitors and Solar Cells)

He concluded his talk by explaining how to Develop successfully polymer based thin, flexible light weight, and low cost battery.

In session 2, **Dr. Sujoy Sarkar**, gave a presentation on title "**Importance of Research Methodology, in scientific research**". He explained about the impact factors and criteria about choosing a correct journal for the research paper. He emphasized on different aspects of writing a research paper in order like abstract, introduction, methods, experimental part results and discussions and lastly conclusion. He also explained about the h parameter and its importance. During the feedback session, Participants spoke and gave a positive feedback about the workshop and requested the organizers to organize this type of workshop in future.

Dr. B Jayashree in her valedictory remarks thanked the management for supporting in organizing this virtual International workshop on Research Methodology. She spoke about the bright future in inculcating research as an option for higher education. She thanked all the participants and organizers and wished them a successful career.

Professor K P Narasimha Murthy, Vice – President of APS Educational Trust congratulated the Principal, teachers, IQAC team and organizers for organizing this International workshop in Research Methodology. He spoke that this workshop benefits the scholars to get into self introspection as well as an exposure to current developments in science. He encouraged the scholars to participate in various events to meet the demand of present scenario of higher



education which will help in molding the research community at large. He wished the participants a very fruitful and productive meeting.

Day 3 – Session 1 – Feedback about Dr. Milind V. Kulkarni

Topic: Research and Development in polymer Nano composite for Multifunctional Applications

Feedback received from participants about Communication Skills, Presentation Techniques and Content Delivery of the Resource Person. 495 responses were received in all. Around 60% of the participants were of the opinion that the resource person's overall presentation was Excellent.

Day 3 – Session 2 – Feedback about Dr. Sujoy Sarkar

Topic: Importance of Research Methodology, in scientific research

Feedback received from participants about Communication Skills, Presentation Techniques and Content Delivery of the Resource Person. 495 responses were received in all. Around 58% of the participants were of the opinion that the resource person's overall presentation was Excellent.

It was indeed a wonderful learning experience for all the participants. The 3 days Virtual International Workshop concluded successfully and received positive feedback from the participants.



Dr. Narsimha Parvatikar
Organizing Secretary



Dr. Jyoti Ramojwar
Organizing Secretary



Dr. B Jayashree
Principal

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