



SREE SANKARA VIDYAPEETOM COLLEGE, VALAYANCHIRANGARA

Report on Seminar (online) on Research Tools in Chemical Research

Programme Details in a nutshell	
Name of the Event	Research tools in Chemical Research
Nature of the Event	Research Methodology
Objectives	To introduce students into the field of research including identification of research problems, selection of appropriate research tools for quality research.
Resource person	Dr. Nisha T. P., Post-doctoral researcher at Inter University Centre for Nanomaterials and Devices, CUSAT
Date and Time	27-08-2022, 11.00 a.m. - 01.00 p.m.
Beneficiaries	Students No. of participants - 45
Venue or Platform	Google meet
Organizing dept/ Cell	Post Graduate Department of Chemistry
Coordinator	Smt. Poornima M.P.
Outcome/ Benefit of the programme	The students got an improved understanding on the various research methodologies in science, helped in motivating students towards research



PROGRAMME REPORT

The PG department of Chemistry, SSV college organized a seminar on Research methodology on 27th August 2022. Dr. Nisha T. P, Post-doctoral researcher at Inter University Centre for Nanomaterials and Devices, CUSAT was the resource person. The seminar aimed to bridge the gap between theoretical knowledge and practical application in scientific research by imparting essential skills and knowledge related to research methods and methodology. It sought to empower graduate and postgraduate students with the necessary tools to conduct high-quality research in their respective fields.

The seminar commenced with a warm welcome by the coordinator of the programme, emphasizing the significance of research methodology in scientific endeavors.

The seminar was intended to create awareness among graduate and postgraduate students about the methods and methodology in science research. The resource person handled topics on research methodology such as how to formulate or identify a research problem, designing and selecting a method, collecting and analyzing data, interpretation of data and also the ways to report the findings. The resource person also familiarized the participants with the advanced research tools such as chemical drawing softwares, reference management softwares for publishing in high impact journals.

The event gathered graduate and postgraduate students, as well as early-career researchers, to equip them with essential skills and knowledge for conducting rigorous and impactful scientific research. The research methodology seminar concluded with a closing ceremony, acknowledging the active participation and enthusiasm of the attendees. Participants left with enhanced skills, a broader perspective on research methodologies.



Programme Description in details

**SREE SANKARA VIDYAPEETOM COLLEGE
VALAYANCHIRANGARA**
Affiliated to Mahatma Gandhi University , Kottayam
& Re-accredited with 'A' grade by NAAC



**POST GRADUATE DEPARTMENT OF CHEMISTRY
ORGANISES**

Seminar (online) on
RESEARCH TOOLS IN CHEMISTRY

**Resource person
Dr. NISHA T P**



POST-DOCTORAL RESEARCHER,
HONEY JOHN RESEARCH GROUP,
INTER UNIVERSITY CENTRE FOR
NANOMATERIALS AND DEVICES,
COCHIN UNIVERSITY OF SCIENCE
AND TECHNOLOGY

**Principal
Dr. Sheena Kaimal N**

**Programme coordinator
Smt. Poornima M P**


27-08-2022
TIME : 11.00 AM
PLATFORM : GOOGLE MEET



Figure 1 Brochure of the event

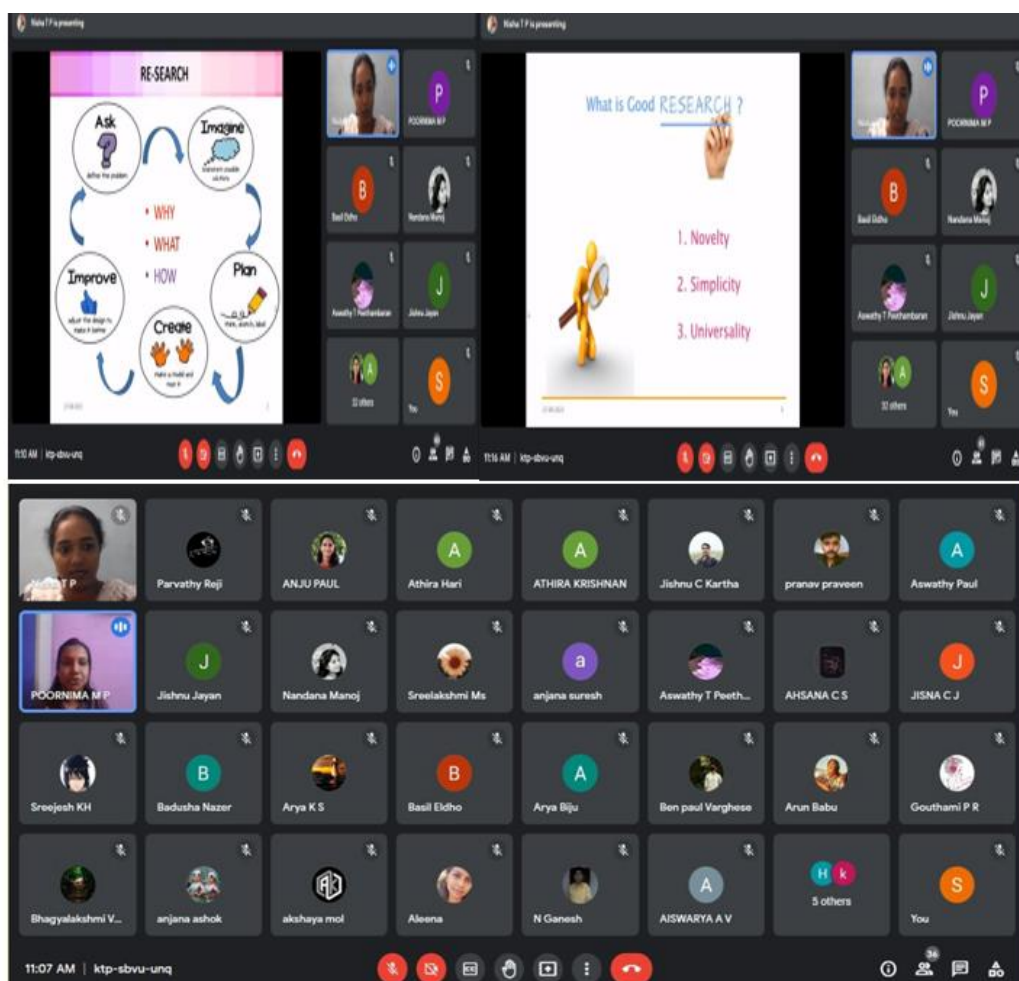


Figure 2 Screenshots of the seminar

Profile of the Resource person



Nisha joined Honey John's research group in April 2016 as a CSIR- Junior Research Fellow. She developed facile synthetic strategies for surfactant based facet-controlled nano TiO₂ and its graphene incorporated nanohybrids. Presently as an SRF, she is focused on the synthesis and optimization of binary and ternary hybrids of high



energy faceted TiO₂ with transition metal dichalcogenides and other graphitic monolayers, for various sustainable & energy applications including photocatalytic dye degradation, self-cleaning, superhydrophilicity, hydrogen evolution reactions, etc. Surface plasmon induced hot electron generation and its effect in antibacterial/antifungal properties of facet-controlled TiO₂ is another area of her research interest. She pursued her Post Graduation in Chemistry from School of Chemical Sciences, Mahatma Gandhi University, Kerala. She also completed her B.Ed. before coming into active research.



LIST OF PARTICIPANTS

Sl.No.	Name of Course/Department	Name of student/Faculty
1	B.Sc. Chemistry	Nikhil K J
2	B.Sc. Chemistry	Nikhitha Prakash
3	B.Sc. Chemistry	Fathima Parvin
4	B.Sc. Chemistry	Gouthami P. R
5	B.Sc. Chemistry	Arunima Murukan
6	B.Sc. Chemistry	Arya Biju
7	B.Sc. Chemistry	Aswathy S Nair
8	B.Sc. Chemistry	Nitha Asok
9	B.Sc. Chemistry	Parvathy Reji
10	B.Sc. Chemistry	Jishnu Jayan
11	B.Sc. Chemistry	Kalidasan K N
12	B.Sc. Chemistry	Shabna Ali
13	B.Sc. Chemistry	Albin Davis
14	B.Sc. Chemistry	Alen Sijan
15	B.Sc. Chemistry	Alfiya S A
16	B.Sc. Chemistry	Anandalakshmy T S
17	B.Sc. Chemistry	Anoop . D
18	B.Sc. Chemistry	Farsana K S
19	B.Sc. Chemistry	Neethi P S
20	M.Sc. Computer Science	Alkesh O A
21	M.Sc. Computer Science	Anjali Anil



22	M.Sc. Computer Science	Sandra C H
23	M.Sc. Computer Science	Suhana A Backer
24	M.Sc. Computer Science	Vismaya A
25	M.Sc. Computer Science	Akhila K R
26	M.Sc. Computer Science	Revathy Mohan
27	M.Sc. Computer Science	Xavier Mathew
28	M.Sc. Computer Science	Abhijith K
29	M.Sc. Chemistry	Athira Krishnan
30	M.Sc. Chemistry	Rithika Sasi
31	M.Sc. Chemistry	Visny Velayudhan
32	M.Sc. Chemistry	Jishnu C Kartha
33	M.Sc. Chemistry	Jisna C J
34	M.Sc. Chemistry	Ahsana C S
35	M.Sc. Chemistry	Aiswarya A V
36	M.Sc. Chemistry	Mehrunnisa T H
37	M.Sc. Chemistry	Vismitha G Nair
38	M.Sc. Chemistry	Mahadev P S
39	M.Sc. Chemistry	Anjana Suresh
40	M.Sc. Chemistry	Aparna Nair
41	M.Sc. Chemistry	Athira P R
42	M.Sc. Chemistry	Keerthana Murari
43	M.Sc. Chemistry	Sreejesh K H
44	M.Sc. Chemistry	Jaidev S
45	M.Sc. Chemistry	Muzammil Jamal



[Handwritten signature in green ink]

PRINCIPAL
SREE SANKARA VIDYAPEETOM
VALAYANCHIRANGARA P.O
(VIA) PERUMBAVOOR