



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS_Kilimanoor,
Thiruvananthapuram
"A Unit of Vidya International Charitable Trust"

IQAC & Department of Applied Science
Report of Faculty Development Programme on
"TEACHING AND RESEARCH METHODS"
8th February 2020

OBJECTIVES:

- Introducing case method teaching
- Explaining the preparations required for the successful use of case based approach
- Become aware of elements of a good research proposal
- To acquaint with qualitative and quantitative data analysis tools and techniques
- Inspire them to publish in top-notch journals by understanding the expectation of editors of such journals

Programme Details

IQAC in association with the Department of Applied science conducted One-day Faculty Development Programme on "TEACHING AND RESEARCH METHODS" on 08-02-2020. The FDP aims to provide the methods of effective teaching and to aware the elements of a good research proposal to the faculty members of the college. The FDP received an overwhelming response from faculty members of VAST TC and **15 participants** from VAST TC attended the programme. The programme was coordinated by Ms.Saritha U.M.

INAUGURAL SESSION: The esteemed personalities were present in the inauguration of the programme:

- **Dr.T.Mathavaraj Ravikumar**, Principal, VAST TC
- **Dr.M.C.John Wiselin**, IQAC Convener and Head, Department of Electrical & Electronics Engineering
- **Prof.A.K.Subhadevi**, Head, Department of Applied Science
- **Prof.K.Vijayakumar**, Head, Department of Civil Engineering
- **Mr.Bijeesh**, Head, Department of Mechanical Engineering
- **Prof.Saheeda A**, Head, Department of Electronics & Communication Engineering

Malakkal P.O., Kilimanoor, Thiruvananthapuram, Kerala – 695602.

Tel: +91 470 2649574, 2649234, | Fax : +91 - 470-2649234 | Mob : 9447540982

E-mail :vasttc@vidyaacademy.ac.in| www.vidyatcklmr.ac.in



M
Dr.T.MATHAVARAJ RAVIKUMAR
Principal
Vidya Academy of Science & Technology
Technical Campus
Kilimanoor, Thiruvananthapuram, Kerala - 695602

- Ms.Divya Madhu** , Head, Department of Computer Science Engineering

Prof.A.K.Subhadevi, Head of the Department of Applied Science welcomed all the respected dignitaries and participants. In the welcome speech, she shared her views with the faculty participants that attending such FDP would enhance their skills of teaching concepts practically. Further she explained the importance and objectives of organizing the FDP.

Dr. T. Mathavaraj Ravikumar, Principal, VAST TC appreciated the Applied Science Department for organizing the FDP in his speech. He pointed out the importance of establishing the effective teaching methods in faculty. He further added that this programme will provide special benefits to faculty members.

The inauguration programme ended with the vote of thanks by Ms. Saritha U.M.

Session 1:

Dr.Sanma G.R, Assistant professor of Applied Science department, explained about the different teaching methods and also introduced about the case method of teaching.

Highlights of the session were:

- 5 effective methods of teaching
- To use case method of teaching in appropriate learning context

Session 2:

Highlights of the session were:

- Basic idea about qualitative and quantitative data analysis tools and techniques
- Introducing some of the qualitative and quantitative software
- Providing details of how to publish research paper in top-notch journals

VALEDICTORY SESSION:

The honorable personalities present in the occasion were,

Prof.A.K.Subhadevi, HOD/AS

Ms.Lekshmi Priya, Asst.Prof/AS

Ms.Vigitha Vidyadhar , Asst.Prof/AS

Ms.Abitha A.S , Asst.Prof/AS

Ms.Aswathy Soman, Asst.Prof/AS




Dr.T.MATHAVARAJ RAVIKUMAR
Principal
Vidya Academy of Science & Technology
Technical Campus
Malakkal.P.O,Kilimanoor,Trivandrum-695607

All the personalities elaborated the successful conduct of the FDP by the department. The program was ended with vote of thanks by Ms. Saritha U.M. Asst.Prof- AS and Coordinator of the FDP. All the participants were issued the participation certificates.

OUTCOME:

Both the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the effective teaching methods and different data analysis tools used for research.

RESOURCE PERSON

Dr. SANMA G.R



- **Experience:** 8.5 years of experience
- **Qualification:** M.Sc., B.Ed., M.Phil., Ph.D.
- **Expertise:** Pure Mathematics




Dr.T.MATHAVARAJ RAVIKUMAR
Principal
Vidya Academy of Science & Technology
Technical Campus
Malakkal.P.O,Kilimanoor,Trivandrum-695602