



Report on 20 Hours Online Workshop on Research Methodology

14th to 24th June 2021

Aarupadai Veedu Institute of Technology organized **20 Hours online Workshop on Research Methodology from 14th to 24th June 2021**. The workshop was inaugurated on 14th June 2021. Dr.S.A.V.Satyamurty, Director Research, VMRF and Dr.G.Selvakumar, Principal, AVIT has given presidential address during the event. Mr. Syed Mohammed, Director International Relations, VMRF, Prof. P.Rajasekaran, Deputy Registrar, VMRF and Mr. Lakshmi Mohan , Head CIR, AV Group of Institutions has given special address during the event. Dr.D.Vijendra Babu, VP (Part Time Studies), Prof.L.Prabhu, VP (Admin.) felicitated the event. Dr.S.P.Sangeetha, VP (Academics) welcomed the chief guest **Dr.K.P.Jaya, Director – Centre for Research, Anna University, Chennai**. Eminent resource persons from various reputed organizations are invited as resource persons for the workshop. 87 Faculty Members, 5 Research Scholars, and 2 Research Associates of AVIT has actively participated in the workshop. 33 faculty members from constituent colleges of VMRF and 22 faculty members from other colleges has participated in the workshop. The conveners of the workshop are Dr.R.Jaichandran, Deputy Director Research VMRF & Professor- CSE, AVIT, Dr.S.P.Sangeetha, VP (Academics), AVIT, and Dr.R.N.Viswanath, Professor- Physics, AVIT.



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
Deemed to be University under section 3 of the USC Act 1956



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Aarupadai Veedu Institute of Technology Organizes

WORKSHOP ON RESEARCH METHODOLOGY

Session 1
14.06.2021 (Monday)
10.30 am to 12.30 pm

Introduction, defining a research problem, refining research questions, formulating objectives and hypothesis.

Dr.K.P. Jaya,
Director- Centre for Research,
Professor, Structural Engineering Division,
Anna University, Chennai.



Session 2
14.06.2021 (Monday)
02.00 pm to 04.00 pm

Research Designs -I, Selecting appropriate research designs. Observational designs, Cross- Sectional studies.

Dr. S. Velmathi,
Professor, Department of Chemistry
National Institute of Technology,
Trichy.



Session 3
15.06.2021 (Tuesday)
10.30 am to 12.30 pm

Research Designs -2
Case- Control studies,
Cohort studies.

Dr. P. Dananjayan,
Vice Chancellor,
St.Peters Institute of Higher Education
and Research, Chennai.



Session 4
16.06.2021 (Wednesday)
10.30 am to 12.30 pm

Research Designs- 3
Experimental: Before -
After studies and randomized
controlled trial.

Dr. T.S. Sampath Kumar
Head, Medical Materials Laboratory
Department of Metallurgical and Materials
Engineering, IIT, Madras.



Session 5
17.06.2021 (Thursday)
10.30 am to 12.30 pm

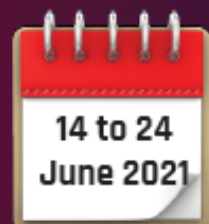
Sampling and questionnaire
design.

Dr. A. Chitra Devi
Asso. Prof., Department of Management
Studies, Sathyabama Institute of Science
and Technology, Chennai



conveners

Dr. R. Jaichandran, Dy. Director Research - VMRF &
Professor - CSE, AVIT
Dr. S.P. Sangeetha, VP (Academics), AVIT & Program Director, ISR
Dr. R.N. Viswanath, Professor- Physics





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Session 6

18.06.2021 (Friday)

10.30 am to 12.30 pm

Steps in protocol development
& Critical appraisal of journal
article.

Dr. J. Satheeshkumar

Asso. Prof., Department of Computer Applications,
School of Computer Science and Engineering,
Bharathiar University, Coimbatore, Tamil Nadu.



Session 7

21.06.2021 (Monday)

10.30 am to 12.30 pm

Introduction to biostatistics,
collection, classification and
presentation of data.

Dr. P. Chellapandi

Professor & Head, Department of
Bioinformatics, School of Life Sciences,
Bharathidasan University, Tiruchirappalli



Session 8

22.06.2021 (Tuesday)

10.30 am to 12.30 pm

Measures of central tendency,
dispersion and probability
distribution.

Mr. Solai Murugan,

Senior Engineer,
COAC,
Chennai



Session 9

23.06.2021 (Wednesday)

10.30 am to 12.30 pm

Inferential statistics

Dr. Therese Yamuna Mahesh,

Associate Professor, Department of ECE,
Amal Jyothi College of Engineering,
Kottayam, Kerala.



Session 10

24.06.2021 (Thursday)

10.30 am to 12.30 pm

Correlation, regression and
sample size calculation.

Dr. Geetha Radhakrishnan,

Assistant Professor
RARS(SZ), Kerala Agricultural University,
Vellayani, Thiruvananthapuram



conveners

Dr. R. Jaichandran, Dy. Director Research - VMRF &

Professor - CSE, AVIT

Dr. S.P. Sangeetha, VP (Academics), AVIT & Program Director, ISR

Dr. R.N. Viswanathi, Professor- Physics



14 to 24
June 2021