



ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Electronics and Communication Engineering A One Day Workshop on Research Methodologies

Report

- Venue** : Room No.: CB-208, Seminar Hall, Cotton Bhavan.
- Date** : 30th July 2019
- Resource person** : **Dr. Zachariah. C. Alex**,
Director Sponsored Research, Senior Professor,
School of Electronics Engineering, VIT, Vellore, India
- Number of participants** : 47
- Objective** : The workshop covered the basics of research methodology focusing on theoretical and practical inputs. Specifically, the formulation of the research problem, formulation of the research hypothesis and testing of the hypothesis, conducting a literature review, data collection methods, selection of appropriate parametric or non-parametric statistical methods for analyzing data, and report writing.
- About the workshop** : The Department of Electronics and Communication Engineering, Aditya Engineering College, Surampalem organized a one day Workshop on Research Methodologies on 30th July 2019. **Dr. Zachariah. C. Alex**, focused on research initiatives and emphasized the importance of research specifically in the area of biomedical instrumentation. He also presented clearly the steps involved in writing a research article.
- Outcome** : Students were able to
- Understand the need and significance of the research.
 - Formulate the research problem.
 - Do an extensive research survey.
 - Write research articles.
- Closing remarks** : HOD, organizer, staff, and students thanked the speaker for his valuable speech. Workshop convenor, Mrs. G. Sridevi, HOD, ECE, thanked everyone for participating in all sessions. At the end the convenor of the program handed over Rs.13,480/- to the speaker as a token of gratitude.



Lecture by Dr. Zachariah. C. Alex

ABOUT THE WORKSHOP

The research methodology workshop for students and faculty in Electronics and Communication Engineering is expected to cover the basics of research methodology focusing on theoretical and practical inputs. Specifically, the formulation of the research problem, formulation of the research hypothesis and testing of hypothesis, conducting literature review, data collection methods, selection of appropriate parametric or non-parametric statistical method for analyzing data, and report writing.

OUTCOMES

After completion of the programme, students will be able to

- Understand the Need and Significance of Research
- Formulate the research problem
- Do extensive research survey
- Collecting and analysis of data
- Write research articles

RESOURCE PERSON

Dr. Zachariah. C. Alex,
Director Sponsored Research,
Senior Professor,
School of Electronics Engineering,
VIT, Vellore, India

COORDINATOR

Mr. Srinivas Budaraju
Professor, ECE

CONVENOR

Mrs. G. Sridevi
Associate Professor & HOD ECE

One Day Workshop
ON

"Research Methodologies"

30th July 2019



Organized by
Department of Electronics and Communication
Engineering



ADITYA ENGINEERING COLLEGE(A)
Aditya Nagar, ADB Road, Surampalem-Pin: 533437, East
Godavari District, Andhra Pradesh, India

Brochure

G. Sridevi
PRINCIPAL
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G. Sridevi
Head of the Department
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