



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258-262725, Fax: 08258-262726

Department of Electronics and Communication Engineering

National Level workshop on “LaTeX and research methodologies”
in association with ISTE organized by the Dept. of ECE, AIET held
from 23rd to 25th Jan 2018.

The 3 day national level workshop witnessed participants from various institutions along with the faculties of AIET, who are pursuing their research and who are willing to pursue research.

The inauguration ceremony held on 23rd jan 2018 was graced by the presence of Dr. SrinivasPai, Professor, NMAMIT, Nitte, Dr. Dattatreya, Dean (planning), Dr. Praveen J, Dean (academics), Dr. D V Manjunatha, HOD, Dept of ECE, AIET.



Guest Introduction by Prof. Shankar B B



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The inaugural session started with a welcome address by Dr. Praveen J, Dean (academics), AIET. The blessings of Almighty were invoked by Ms. Shreelakshmi, student of 3rd sem ECE followed by lighting the lamp by the dignitaries.

A formal introduction of Dr. SrinivasPai was done by Prof.Shankar, Associate Prof, Dept of ECE.



LaTeX and research methodologies workshop session

Dr. D V Manjunatha, HOD, Dept. of ECE briefed about the workshop and also informed the participants willing to pursue research in the field of VLSI, video-Image processing and MEMS can chose the dept research centre.

The session followed by motivational talk by Dr. SrinivasPai, the chief guest and the resource person for day 1.

The host of the ceremony was Prof. Pradeep Kumar, Asstt. Prof., Dept of ECE. Dr. Dattatreya , dean(planning) proposed vote of thanks.



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The key note address was delivered by Dr. Srinivas Pai. He highlighted the prominence of Research, the objectives and principles, motives and the characteristics of scientific research. The session continued with an overview to, Identification of research topic and problems, literature survey, data analysis.

The second session by Dr. Pai started with an overview of writing good research proposal for receiving grants and also provided information on funding agencies.

The next session was on research paper writing and publishing where Dr. Pai discussed about scientific communication, good manuscript for an international journal and the key characteristics of writing a paper and paper organization. Plagiarism, Journal Impact factor and the submission process and also delivered a brief introduction to Thesis writing.

Day 2 was a hands on session on LaTeX for documentation. Dr. Ramesh Kini, Professor, NITK, Surathkal was the resource person. Prof. Shankar B B introduced Dr.RameshKini. The session started with introduction of latex, document creation using Kile software. He highlighted the usage of library function, style files, frames, tables, images, figures, mathematical equations, matrix. Dr.Kini also briefed about preparation of presentation slides using LaTeX and provided information on Xfig and Xcircuitsoftwares.

The resource person for day 3 was Dr. Shashidhar Koolgudi, was introduced by Prof. pradeep Kumar and was welcomed by Dr.D V MANjunatha, HOD, dept of ECE.

Dr. Koolgudi gave a detailed explanation on statistical inference. He topics highlighted are mena, Mode, mode, variance. Standard deviation, ANOVA., correlation analysis, regression analysis, normalization and vector quantization.

The workshop concluded on a good note on identifying research interests, believing what we can do, envision creations, planning and scheduling to achieve research milestone.

The Valedictory Session The day concluded with a valedictory session. Dr. D V Manjunatha, HOD, Dept. of ECE welcomed the gathering. Ms. JyothiPramal, conveyor, briefed the report of



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three days. Dr. Koolgudi, Dr. Dattatreya, Dean(planning), Dr. Praveen J, Dean(academics), Dr. D V Manjunatha, HOD, Dept of ECE, AIET honored the participants with the certificates. The participants shared their experience with regard to workshop. Vote of thanks was delivered by Ms. Sahana K A, Assistant Professor, Dept. of ECE.

Outcome: Faculty group of the workshop attendees got the knowlwdge

- Faculty those who already in research activity got enlighten about LaTeX software usage in thesis writing
- Faculty got knowledge about statistical approach in their respective thrust area
- Identifying research interests, believing what we can do, envision creations, planning and scheduling to achieve research milestone.



Coordinator

Mrs. Jyothi Pramal



HOD

Dr. D V Manjunatha

H. O. D.

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