

A Report on Faculty Development Workshop on “Research Proposal Writing”
Organized by Department of Mechanical Engineering
Date: 14.12.2023



MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE
(UGC - AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya District, Andhra Pradesh

DEPARTMENT OF MECHANICAL ENGINEERING
Organizes
Faculty Development Workshop on
RESEARCH PROPOSAL WRITING

Resource Person
PROF. ASHOK KUMAR SAHOO
Director-R&D (Technical), KIIT University, BHUBANESWAR

Date: 14.12.2023 Time: 11.30 AM

Chief Patron Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent	Patron Mrs. Keerthi Nadella Executive Director	Chief Convener Dr. C. Yuvraj Principal	Convener Dr. S. Baskaran Head, ME	Coordinator Dr. Rupshree Ozah Dr. Dhrubajit Sarma Assistant Professor, ME
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Submitted by: Dr. Rupshree Ozah, Assistant Professor, Dept. of ME

Attendance: 30 Participants (faculty)

Date: 14.12.2023

Time: 11:30 AM

Venue: Scale up classroom, East Block

Coordinated by: Dr. Rupshree Ozah, Assistant Professor, Dept. of ME

Dr. Dhrubajit Sarma, Assistant Professor, Dept. of ME

Resource Person: Dr. Ashok Kumar Sahoo, Professor-School of Mechanical Engineering & Director-R&D (Technical), KIIT University, Bhubaneswar

The programme started at 11:30 AM with a welcome address to all the audience by Dr. S. Baskaran, H.O.D, ME, MITS, Madanapalle.

The brief introduction to resource person was given by Dr. Rupshree Ozah, Assistant Professor, Department of Mechanical Engineering after that session is handover to **Dr. Ashok Kumar Sahoo, Professor-School of Mechanical Engineering & Director-R&D (Technical), KIIT University, Bhubaneswar.**

The resource person started the session by extending his hearty thanks to the participating faculty, organizing members, HOD, Principal and Management of MITS Madanapalle for giving opportunity to share his knowledge and experience on “**Project Proposal Writing**”. The resource person shared valuable insights on several important topics during his engaging lecture. The lecture aimed to enlighten faculties as well as students on the following subjects:



- Proposal write up
- Funding opportunities
- Research Proposal for SERB & DST
- Core Research Grant (CRG)
- Start-up Research Grant (SRG)
- Power grant for women by SERB
- State University Research Excellence (SERB - SURE)
- Challenges in getting fund.

Key Points of the lecture:

Proposal write up

Dr. Ashok Kumar Sahoo highlighted the value of novelty in proposals, emphasizing the need to highlight the gap the project aims to fill and the potential impact on the field. A well-executed write-up not only outlines the proposed research but also serves as a persuasive document to secure funding and support. He discussed strategies and key points to be highlighted during writing the proposal.



Funding opportunities

Dr. Ashok Kumar Sahoo shared insights on how to find opportunities from different research boards. He emphasized the significance of research grants and how researchers can access grants for projects, fellowships, and collaborative endeavors aimed at fostering innovation and scientific excellence.

Research Proposal for SERB & DST

The resource person provided valuable insights into the proposal opening by SERB & DST under various research areas. In the case of SERB and DST, it is essential to align the proposal with their specific guidelines and thematic areas of interest.

Core Research Grant (CRG)

Dr. Ashok Kumar Sahoo discussed the significance of core research grant opportunities. His discussion underscored the pivotal role that these grants play in fostering scientific inquiry and innovation. Dr. Sahoo highlighted the important documents and strategies to receive core research grants.

Start-up Research Grant (SRG)

Dr. Ashok Kumar Sahoo provided valuable insights into the profound significance of Start-up Research Grant (SRG) opportunities. Dr. Sahoo elaborated on the transformative impact of SRGs, explaining how they empower early-career scholars to embark on innovative investigations.

Power grant for women by SERB

Dr. Ashok Kumar Sahoo shed light on the importance of grants for young women scientists offered by SERB (Science and Engineering Research Board). He contributed to raising awareness about the need for initiatives that specifically encourage and support women in pursuing and excelling in research. He also discussed the power fellowship offered by SERB specially for women scientists.

State University Research Excellence (SERB - SURE)

Dr. Sahoo emphasized how SERB supports their research and development in cutting-edge fields of science, engineering, and quantitative social science, active researchers from state universities, private universities, and colleges throughout India are eligible to apply for funding under the SERB-SURE plan.

Challenges in getting fund

Dr. Ashok Kumar Sahoo closed the lecture by underscoring the challenges that come with a growing number of researchers vying for funds. Securing research funding is a complex endeavor fraught with numerous challenges for researchers and scientists. Professor Sahoo shed light on this by sharing his experiences, providing valuable insights to help navigate and overcome these challenges.

Question & Answer Session:

The lecture was followed by an engaging Q&A session, during which students and faculties had the opportunity to seek further clarification and guidance from Dr. A K Sahoo. Topics ranged from research grant ideas to budget preparation, showcasing the students' active interest in the lecture.

The session concluded with the vote of thanks given by **Dr. Dhruvajit Sarma**, Assistant Professor, Department of Mechanical Engineering. He thanked the management, Dr. C. Yuvaraj (Principal MITS), Dr. S. Baskaran (HOD, ME), faculty members of ME department and participating students for support received for organizing the workshop.

The resource person visited the lab facility of ME department shortly after the session and discussed about various problems faced during experimentation. He put his valuable suggestions and ideas.