Report on Seminar and Interactive Session "How to write an effective research proposal"

Organized by   : Department of Electronics and Communication Engineering

Name of the Speakers   : Dr. Patri Sreehari Rao, Professor & HoD, Department of ECE, NIT, Warangal

Topic   : **How to write an effective research proposal**

Venue   : **Visveswarayya Bhavan Seminar Hall**

Date & Time   : **26th April 2023**

Conducted for   : **All department faculty**

No of Faculty Attended : **50**

Profile of the Speaker
Dr. Sreehari Rao Patri is working as a Professor in the Department of Electronics and Comm. Engg, NIT, Warangal. He did his B.Tech at Nagarjuna University in Electronics and Communication Engineering in the year 1991. M.E. in Communication Systems at Indian Institute of Technology, Roorkee in the year 1995. He has received Doctor of Philosophy in Electronics and Communication Engineering from National Institute of Technology, Warangal. His area of interests are Analog and Mixed Signal IC Design, Power Management ICs, Smart SoC design for IoT applications, Communication Systems, Smart Sensors, SERDES Circuits. He has published more than 33 papers in SCI/SCOPUS journals and more than 31 papers in referred international conferences. 6 Ph.D students are awarded and 6 students are doing their doctoral degrees under his supervision. He guided 40+ projects for PG students and 30+ projects for UG students. 83 Lakhs worth of funded projects are completed and 94 Lakhs projects are under processing. He is Head of the department from 2019 onwards. Before that he has discharged so many additional responsibilities like Faculty Incharge , Center for Innovation and Incubation, NITW [2019 Dec-2021], Monitoring committee member for E& ICT academy from Oct. 2017 to till date], Member Executive Council, Siemens CoE [Aug 2020 onwards], Vice Chairman Admissions NIT Warangal [May 2018 to May 2020]

1. Report in brief by Organizer / Coordinator / Convener:

He started his presentation with the importance of paper publication and proposal submission. He talked about how to write a paper to publish in a journal or to apply to funding agencies. He explained in detail about steps followed while writing the article i.e., Title, Abstract, Literature survey, Methodology, Results & Discussion and Conclusion, etc. He discussed different funding agencies available in India and their eligibility to apply. He deliberated about interdisciplinary project proposals and its importance. Faculty interacted with resource person and clarified their doubts. Finally, all department HoDs, R & D coordinator and Principal interacted with Dr. P.Sree Hari Rao for further plan of action to improve the publications in high-impact journals and getting funding from Government agencies available.

Research article structure:

1. **Title:** The title should be clear and interesting.

2. **Abstract:** The abstract is a summary of your research. It is nearly as important as the title because the reader will be able to quickly read through it. In most journals, the abstract can become divided into very short sections to guide the reader through the summaries. Keep the sentences short and focused.

3. **Introduction**: Include background information on the subject and your objectives here.

4. **Materials and Methods:** Describe the materials used and include the names and locations of the manufacturers.

5. **Results:** Discuss your findings here.

Seminar & interactive session on "How to write an effective research proposal" On 26th April 2023 — Dr. Sreehari Rao Patri, Professor & HoD, Dept. of ECE, NIT Warangal. Department of Electronics & Communication Engineering

Photos:

Surampalem, Andhra Pradesh,
33Q9+FQ8, Surampalem, Andhra Pradesh 5
Lat 17.088296°

Surampalem, Andhra Pradesh,
33R8+4MX, Surampalem, Andhra Pradesh 5
Lat 17.090569°

Feedback from faculty:

- Faculty are get motivated while listening to his lecture.
- They came to know about the different funding agencies available.
- They understood the industrial requirements.
- They came to know how to apply and how to write proposals.
- They are satisfied with the program conducted.
- The faculty suggested organizing more similar programs in the future.

Remarks from Resource Person:

The faculty are really enthusiastic and expressed their interest regarding the publication of their works. Faculty are able to understand the current situation and the importance of publications in journals/conferences. Faculty are having the capability to get funding for their work from government funding agencies with proper guidance.

Coordinator/Organizer	**HOD**	**Principal**