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## A Seminar Report on

Research & Internship Opportunities in India and Abroad

16/07/2022

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# Research & Internship Opportunities

Dr. R Rajakumar  
Associate Professor  
Department of CST

**Submitted by:** Dr. R. Raja Kumar, Associate Professor/Research Coordinator Department of CST, MITS

Department of Computer Science & Technology organized Internal seminar titled “Research & Internship Opportunities in Abroad” for II Year students to gain knowledge and awareness on “What is meant by Research and How become a researcher?” and worldwide Internship opportunities.

Attended: II Year Students (CST/CS) (Total Number: 78)

Mode: Offline

Abstract of Talk: From the past decades, Research plays a vital role in enriching the knowledge, skills, attitudes and values of the peoples. It is as systematic investigation into reality to gain knowledge. Initially, research starts with three golden principles namely “Why, How and What”. Once the peoples started to ask these three questions, they are started to perform the research. In the literature, various computer science relevant research domains are quite popular. Typically, Machine Learning, Deep Learning, Computer Vision, HCI, Wireless sensor networks, Optimization, etc., have been widely used to solve a variety of problems in both science and industry. Despite the popularity and impact of such methods, optimisation of real-

world problems involves addressing many difficulties such as local solutions, multiple objectives, constraints, expensive objective function, noisy objective function, dynamic search space, uncertainties, etc. In this talk, the state-of-the-art and recent advances in research opportunities have been addressed. In addition, we discussed how to grasp the worldwide internship opportunities with the aid of research process.

The seminar was started at 10:10AM. Dr. M. Sreedevi, Professor & Head-CST Department addressed the students with the importance of research and how to become a good researcher. Mam explained the importance of research concerning worldwide internships with real-life student examples.

Dr R Rajakumar addressed the gathering about the basics of research, process of scientific method and Internships - Overview

1. At the beginning of the presentation, the overview of research, scientific methods for research, examples on scientific method is discussed.
2. Discussed various research areas and their challenges, issues, and existing solutions. In addition, I deliberated on research publication portals like IEEExplore, Science direct, google scholar, etc.
3. Recommended some online dataset repository namely Kaggle, UCI ML repository, US data.gov, etc., to carry over their experimental research.
4. Suggested some important online links and their availability for enriching technical skills in data science and ML techniques.
5. Suggested some of the Internship opportunities for Indian CS students worldwide.
6. Explored the platform to showcase their achievements and projects in online like LinkedIn, GitHub etc.

In the future session, we will be concentrating on “how to experiment the research on particular domain”, “Steps to write a research article”, “Effective research outcome in terms of publications”.

Feedback: The students were moreover passionate to know about what is meant by research and how to perform the effective research and how to grab the internship opportunities through research.

