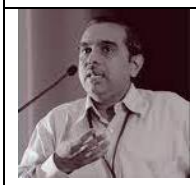
Format: P3012/7

A report on "How to Write Research Proposal for Funding"

Organized by : Research & Development Cell
Event name : How to Write Research Proposal for Funding
Name of the external : Dr. Y. Narahari,
Director, Centre for Brain Research
Professor of Computer Science,
Indian Institute of Science, Bangalore
Designation : Professor
Topic : Drafting a Funding Proposal
Venue : Ground floor seminar hall, Visvesvaraya Bhavan
Date & Time : 02-11-2023 (05:00PM to 6:30PM)
Conducted for : All the Doctorates and Research Scholars
No. of Faculty Attended : 80

S. No	Branch	No of Faculty Attended
1	CIVIL	7
2	EEE	4
3	MECH	14
4	ECE	14
5	CSE	14
6	IT&MCA	6
8	AIML	5
9	H&BS	16
Total No of Faculty Attended		80

Profile of the Speaker



Dr Y Narahari has obtained his BE in 1982, M.E. from School of Automation, IISc in 1984, and Doctoral degre 1987 from Indian Institute of Science, Bangalore. He did his Post-Doctoral Researcher at the Laboratory for Information and Decision Systems (LIDS), Massachusetts Institute of Technology, Cambridge during 1992, and he has joined as Assistant Professor at IISc in February 1988, in the Department of Computer Science and Automation. He worked as the Chair of the Department for 5 years from 2009 –2014. He worked as a Visiting Scientist on sabbatical at the National Institute of Standards and Technology, Maryland, USA, during 1997. He worked as the Dean, Division of EECS for 7 Years from 2014 till 2021. He has chaired the Office of DIGITS (Digital Campus and Information Technology Services) for 4 years during 2016- 2020. He is a part of the AI Research Cluster and the Controls and Optimisation Cluster. Since June 1, 2022. He is officiating as Director, Centre for Brain Research, IISc Bangalore. He is an elected fellow of: IEEE, New York ; Indian National Science Academy , New Delhi; Indian Academy of Sciences; Indian National Academy of Engineering, New Delhi; and the National Academy of Sciences, Allahabad. Dr

Narahari is a recipient of the J.C. Bose National Fellowship from the DST. In 2009, he has received the IISc Alumni Award for Research Excellence in Engineering. He has authored or co-authored three books: Game Theory and Mechanism Design (IISc Press and World Scientific) (2014); Game Theoretic Problems in Network Economics and Mechanism Design Solutions (2009) (Springer Monograph); and Performance Modeling of Automated Manufacturing Systems (Prentice Hall, Englewood Cliffs) (1992). He has guided 24 scholars for Ph.D.; 18 scholars for Master's by Research; more than 100 students for M.Tech. projects.

Report

A guest lecture is arranged by ACET-R&D Cell on 18th August 2023 (Friday) from 5.00 PM to 6:30 PM at Visvesvaraya Bhavan Seminar Hall (Ground Floor). Dr. Narahari is a renowned expert in his field, with vast experience and expertise that spans across various domains. The lecture aimed to provide valuable insights into contemporary issues and advancements in technology and research.

Dr. Narahari began by discussing the rapid advancements in artificial intelligence (AI) and its diverse applications across industries. He elaborated on how AI is revolutionizing fields such as healthcare, finance, manufacturing, and transportation, among others. The discussion delved into the potential of AI to transform processes, enhance efficiency, and drive innovation. Ethical considerations in AI development and deployment were another focal point of the lecture. Dr. Narahari emphasized the importance of responsible AI practices to mitigate biases, ensure fairness, and uphold ethical standards. The discussion underscored the need for ethical frameworks and regulations to guide AI development and usage responsibly.

The lecture also covered various machine learning algorithms and their applications. Dr. Narahari provided insights into popular algorithms such as neural networks, decision trees, and support vector machines, elucidating their principles and real-world applications. He highlighted the significance of understanding algorithmic principles for effective problem-solving and innovation. Dr. Narahari shed light on the critical importance of data privacy and security in the era of big data and AI. He discussed the challenges associated with data privacy breaches and cyber threats, emphasizing the need for robust security measures and data protection mechanisms. The discussion explored strategies for safeguarding sensitive information and preserving user privacy in the digital age.

The lecture concluded with a discussion on future trends and challenges in technology and research. Dr. Narahari provided insights into emerging technologies such as quantum computing, Internet of Things (IoT), and blockchain, forecasting their potential impact and implications for society. He also highlighted the importance of addressing challenges such as algorithmic bias, data governance, and technological inequality in shaping a more inclusive and sustainable future.

Following the lecture, there was an interactive session where attendees had the opportunity to engage with Dr. Narahari and ask questions. Participants raised queries on a wide range of topics, including the ethical implications of AI, the role of government regulations, and the future of work in an AI-driven economy. Dr. Narahari provided insightful responses, fostering a dynamic exchange of ideas and perspectives among the audience.

The guest lecture by Dr. Y. Narahari proved to be a valuable and enriching experience for all attendees. His comprehensive insights into AI, machine learning, ethical considerations, and future trends provided a holistic understanding of the evolving landscape of technology and research. The event not only fostered knowledge dissemination but also encouraged critical thinking and dialogue on pertinent issues shaping our digital future.

Overall, the lecture served as a testament to the ACET-R&D Cell's commitment to promoting academic excellence and fostering intellectual discourse in emerging fields of study. We extend our gratitude to Dr. Narahari for sharing his expertise and inspiring the audience with his visionary insights. He gives assurance to associate with ACET in future, reviews the research proposals written by faculty, and gives suggestions for improvement.

Overall Feedback from Faculty

During the guest lecture on writing research funding proposals delivered by Dr. Y. Narahari, the faculty provided commendable feedback. Dr. Narahari's expertise on the subject matter was evident, and his grasp of the intricacies of the research funding process was highly impressive. Throughout the presentation, he demonstrated exceptional engagement and interaction with the participants, fostering a conducive learning environment. One of Dr. Narahari's standout qualities was his ability to elucidate the relevance of the content and process involved in crafting research funding proposals. He not only explained the fundamental principles but also presented drafted sample proposals, offering valuable insights into the practical application of the concepts discussed. Furthermore, Dr. Narahari's lecture left a significant impact on the staff members, who were notably motivated by the session. His expertise and passion for the subject resonated well with the audience, inspiring them to delve deeper into the intricacies of writing effective research proposals.

Remarks from Resource Person

Prof. Narahari's was satisfied with the well-organized event and interaction from the R&D department. He was also enthusiastic about the faculty's interest in writing the research funding proposals.

Photos

Coordinator

Dean Academics

Principal