School of Civil Engineering
Seminar Report on
‘Writing Research Proposal for Funding Agencies’

Date of Event:18-3-2025

Venue: Room No.208, Sir MV block, REVA university

Academic Year: 2025

School of Civil Engineering
REVA University,
Rukmini Knowledge Park,
Kattigenahalli, Yelahanka,
Bengaluru-560064

REVA University Vision: REVA University aspires to become an innovative university by developing excellent human resources with leadership qualities, ethical and moral values, research culture and innovative skills through higher education of global standards.

REVA University Mission:

- To create excellent infrastructure facilities and state-of-the-art laboratories and incubation centers
- To provide student-centric learning environment through innovative pedagogy and education reforms
- To encourage research and entrepreneurship through collaborations and extension activities
- To promote industry-institute partnerships and share knowledge for innovation and development
- To organize society development programs for knowledge enhancement in thrust areas
- To enhance leadership qualities among the youth and enrich personality traits, promote patriotism and moral values

School of Civil Engineering

Vision: To produce young engineers of Caliber, who would be committed to their profession with ethics, will be able to contribute to Civil Engineering and allied fields in optimizing usage of resources globally making the world eco-friendlier to live in.

Mission:

- To make the school a centre of excellence for training the undergraduate students.
- To promote involvement of staff and students in research and advanced training.
- To develop good understanding skills in student communities about Civil Engineering, ethical practices, automation design and society need centric teaching and learning and imparting value addition skills.

Contents

Section:1
Mapping of event to COs &POs of the course

Seminar Outcomes (COs):

By the end of this course/seminar, the participant can able to

1. Understanding Funding Agencies and Identifying suitable funding sources and requirements.
2. Mastering Proposal Structure by Learning key components of a strong proposal.
3. Enhancing Writing Skills by Writing persuasively and avoiding common mistakes.
4. Budget Preparation by Developing accurate and well-justified budgets.
5. Evaluation Criteria by Understanding how proposals are assessed.
6. Developing Competitive Proposals by Strategies to increase funding success.

Program Outcomes (POs)

After successful completion of the programme, the participant shall be able to

1. PO1. Demonstrate in-depth knowledge of specific discipline or professional area, including wider and global perspective, with an ability to discriminate, evaluate, analyse and synthesize existing and new knowledge, and integration of the same for enhancement of knowledge.
2. PO2. Analyze complex engineering problems critically, apply independent judgment for synthesizing information to make intellectual and/or creative advances for conducting research in a wider theoretical, practical and policy context.
3. PO3. Think laterally and originally, conceptualize and solve engineering problems, evaluate a wide range of potential solutions for those problems and arrive at feasible, optimal solutions after considering public health and safety, cultural, societal and environmental factors in the core areas of expertise.
4. PO4. Extract information pertinent to unfamiliar problems through literature survey and experiments, apply appropriate research methodologies, techniques and tools, design, conduct experiments, analyse and interpret data, demonstrate higher order skill and view things in a broader perspective, contribute individually/in group(s) to the development of scientific/technological knowledge in one or more domains of engineering.
5. PO5. Create, select, learn and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities with an understanding of the limitations.
6. PO6. Possess knowledge and understanding of group dynamics, recognize opportunities and contribute positively to collaborative-multidisciplinary scientific research, demonstrate a capacity for self-management and teamwork, decision-making based on open- mindedness, objectivity and rational analysis in order to achieve common goals and further the learning of themselves as well as others.
7. PO7. Demonstrate knowledge and understanding of engineering and management principles and apply the same to one’s own work, as a member and leader in a team, manage projects efficiently in respective disciplines and multidisciplinary environments after consideration of economic and financial factors.
8. PO8. Communicate with the engineering community, and with society at large, regarding complex engineering activities confidently and effectively, such as, being

able to comprehend and write effective reports and design documentation by adhering to appropriate standards, make effective presentations, and give and receive clear instructions.

9. PO9: Recognize the need for, and have the preparation and ability to engage in life-long learning independently, with a high level of enthusiasm and commitment to improve knowledge and competence continuously.
10. PO10. Acquire professional and intellectual integrity, professional code of conduct, ethics of research and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.
11. PO11. Observe and examine critically the outcomes of one's actions and make corrective measures subsequently, and learn from mistakes without depending on external feedback (SELF learning)

CO-PO Mapping

Seminar Outcomes (SOs)	Mapped Program Outcomes (POs)
SO1: Understanding Funding Agencies by Identifying suitable funding sources and requirements.	PO1, PO10
SO2: Mastering Proposal Structure by Learning key components of a strong proposal.	PO1, PO4, PO8
SO3: Enhancing Writing Skills by Writing persuasively and avoiding common mistakes.	PO8, PO9
SO4: Budget Preparation by Developing accurate and well-justified budgets.	PO7, PO10
SO5: Evaluation Criteria by Understanding how proposals are assessed.	PO2, PO3, PO11
SO6: Developing Competitive Proposals by Strategies to increase funding success.	PO5, PO6, PO9

Section:2

Permission Letter

To

Pro Vice-Chancellor (Engineering)
REVA University,
Bengaluru.

Date: 05-03-2025

From

Faculty coordinator
School of Civil Engineering
REVA University, Bengaluru.

(Through: The Director, School of Civil Engineering, REVA University, Bengaluru)

Subject: Proposal to organise Academic Seminar – Regarding

Respected Sir,

With reference to the above subject, the School of Civil Engineering would like to organize a 1Day **Academic Seminar on 19.03.2025 for Research Scholars and Faculties.** The Proposed title is **"Writing Research Proposal for Funding Agencies".** As a part of the event, we would like to seek your permission, guidance, and support in organizing the event.

I herewith enclose the activities and proposal for the same and request you to kindly approve the proposal.

Thanking You,

Sincerely,

Prashanth N
Coordinator

Director 5/3/25
School of Civil Engineering

Dean
Faculty of Engineering & Technology

Pro Vice-Chancellor (Engineering) 7/3/25
REVA University

Section:3

Banner

Section:4

Biodata of guest

Dr. D.H. Nagaraju is a highly accomplished academic and industry professional with a robust background in electrocatalysis, nanomaterials, conducting polymers, batteries, supercapacitors, (bio)sensors, and fuel cells. Currently serving as a Professor in the Department of Chemistry at REVA University, Bangalore, he has previously held significant roles such as Associate Professor at the same university and at the Centre for Nano and Material Sciences, JAIN University. He also works as a research consultant for Crystal Green Tech, a start-up based in Bangalore. Dr. Nagaraju's academic journey is marked by extensive post-doctoral research at prestigious institutions like KAUST (Saudi Arabia), Linkoping University (Sweden), and the National University of Singapore. His Ph.D. from the Raman Research Institute in Bangalore focused on electrochemical studies of redox-active biomolecules and small organic molecules on nanomaterial-modified surfaces. Over his career, Dr. Nagaraju has made significant contributions to the scientific community, receiving several prestigious awards, including the Karnataka Science and Technology Academy award in 2022 for innovations benefiting the public. He has also been involved in a variety of research projects, securing funding from the Department of Science and Technology (DST) for projects related to electrocatalysis, energy storage, and sensor development. With an h-index of 26 and an i-10 index of 45, Dr. Nagaraju is an influential figure in his field, with a research focus that spans energy storage, catalytic processes, and environmental sustainability.

Section:5

Brief points about event:

A seminar on "Writing a Research Proposal for Funding Agencies" provides valuable insights into crafting compelling proposals that attract funding. The session covers key aspects such as identifying suitable funding agencies, structuring a proposal, defining research objectives, and presenting a strong justification for funding. Experts guide participants on writing effective problem statements, research methodologies, budgeting, and impact assessment. The seminar also emphasizes common pitfalls to avoid and strategies to enhance proposal acceptance rates. Designed for researchers, academicians, and scholars, this seminar equips attendees with practical knowledge to secure funding for innovative research projects.

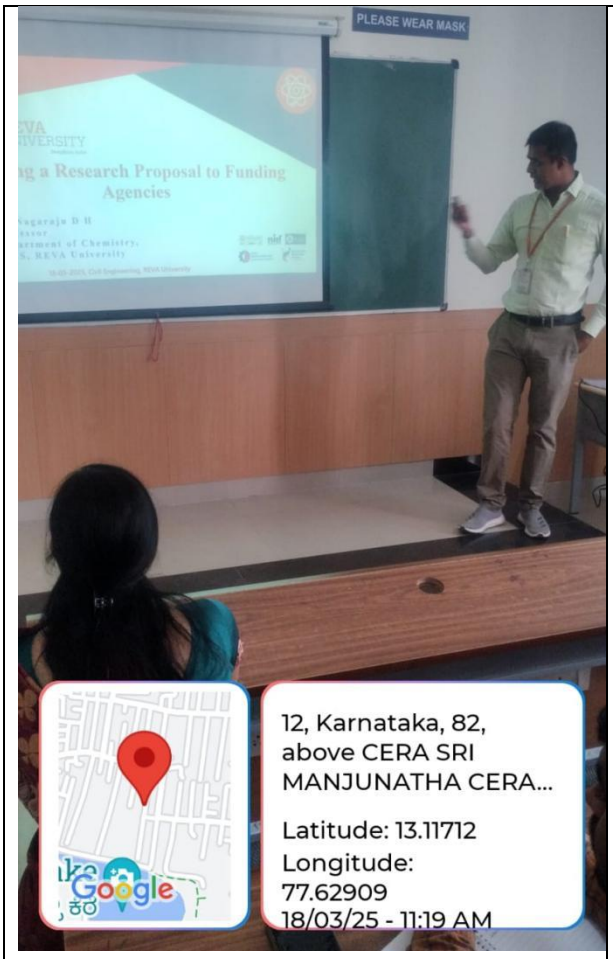
The seminar agenda included an introduction and welcome address, followed by detailed sessions on the key sections of a research proposal. These sections covered the title and abstract, introduction and background, objectives and research questions, methodology and approach, budget planning and justification, and expected outcomes and impact. A special session focused on insights from funding agencies, highlighting what they look for in proposals. Common mistakes in proposal writing and strategies to avoid them were also discussed. One of the key highlights was the emphasis on maintaining a clear and concise proposal structure. Speakers stressed the importance of aligning proposals with the mission and objectives of funding agencies to improve the chances of approval. Additionally, they highlighted the balance between presenting innovative ideas and ensuring realistic implementation plans. The budget preparation segment provided practical advice on crafting a detailed and justified funding request, while the evaluation criteria session gave participants a comprehensive understanding of how proposals are assessed by funding bodies.

An interactive Q&A session allowed participants to raise concerns and seek expert guidance on overcoming proposal-writing challenges. Experts shared practical advice on addressing proposal rejections, refining research questions, and enhancing the clarity and coherence of proposals. The seminar resulted in several key outcomes, including improved understanding of research proposal structure and content, enhanced ability to align research ideas with funding agency priorities, practical strategies for writing persuasive proposals, and increased awareness of common pitfalls to avoid.

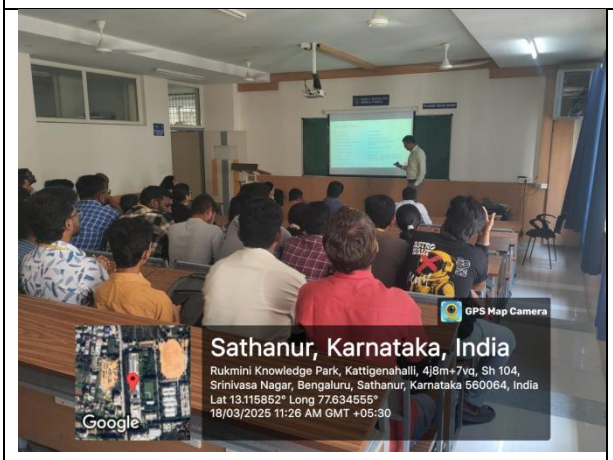
In conclusion, the seminar on "Writing a Research Proposal for Funding Agencies" was highly informative and well-received by participants. It provided a comprehensive overview of effective proposal writing, offering valuable tips and strategies to increase the success rate of securing research funding. Participants left the seminar with a clearer understanding of the proposal process and greater confidence to pursue funding opportunities.

SECTION:6

GEO TAGGED PHOTOS:



Guest Prof. **D.H. Nagarajju** delivering seminar talk



Audience Listening to the talk

Section:7

OUTCOME OF EVENT

Some outcomes of the seminar on "Writing a Research Proposal for Funding Agencies":

Enhanced Proposal Writing Skills – Participants will learn how to structure and articulate their research ideas effectively to meet funding agency requirements.

Increased Funding Success Rate – By understanding the expectations of funding agencies, attendees can improve their chances of securing grants.

Clarity on Research Objectives and Methodology – Researchers will gain insights into refining their research questions, methodologies, and impact assessment strategies.

Awareness of Common Pitfalls – The seminar will highlight common mistakes in proposal writing and how to avoid them, ensuring stronger and more competitive submissions.

Section:8

Participants list

REVA UNIVERSITY

School of Civil Engineering
in association with Smt.Rukmini Shyama Raju Club
Academic seminars talk on
"WRITING RESEARCH PROPOSAL FOR FUNDING AGENCIES"
on 18/03/2025. at 11:00 am – 12:30pm

Participants list

Sl no	REVA ID/SRN	Name	Sign
1	REVA01791	Dr. M.A.NAGESH	
2	REVA01110	Dr. Ayyabhakara Reddy	
3	REVA02246	Dr. S. Vignuthavan	
4	REVA01654	Raghuvandan K.	
5	REVA01602	Sreenatha.M	
6	REVA02574	Harish M	
7	REVA00158	Avinash s sampagale	
8	REVA02291	Dr.Y. Bharath	
9	REVA01435	Ravesh G	
10	REVA02961	Dr. Ramanjaneyulu	
11	REVA02594	Dr. Sumant Kulkarni	
12	REVA02655	Aravinthi JC	
13	REVA00953	Noorfunda K.N	
14	R24TB020	Vinay.y	
15	R24TB010	Likith kumar.S	
16	R24TB005	Harshesh.P	
17	R24TB015	Deena H.N.	
18	R24TB002	Abdul Adaliya	
19	R24TE004	Bavada Manikri	
20	R24TE007	P. Mahesh	
21	R24TE011	A. Mohammad Faize	
22	R24TE009	Mahesh Babu. A	
23	R24TE027	Shreevijay. V. Chikkadasai	

24	R24TE005	B Sreedhar Rao Gowd	
25	R24TE015	Tirumana S Angadi	
26	R24TE020	K. Ravitheja	
27	R24TE019	Vikas Josh	
28	R24TB018	Jayanth M Murgod	
29	R24TB007	Pallavi S Chalwadi	
30	R24TB004	Lakshmi M	
31	R24TB014	Thanuja S P	
32	R23TK009	Sahana. C.S	
33	REVA00758	Shylaja N	
34	REVA01130	Amarendra Reddy G.M	
35	REVA01478	Chandrapratap Naik	
36	REVA02346	Dr. Mohd Babu	
37	REVA00184	Dr. Bhavana. B	
38	REVA03139	Renisha Shrestha.	
39	REVA01544	PRASHANTH.N	

Section:9
Feedback

SECTION:10

FEEDBACK ANALYSIS

The seminar was well-structured and highly informative, providing valuable insights into crafting successful research proposals. Participants gained practical knowledge on identifying funding agencies, structuring proposals, writing persuasively, and justifying budgets effectively.

Strengths:

✅ **Comprehensive Content:** Covered all essential aspects of proposal writing, including funding agency expectations, evaluation criteria, and best practices.
✅ **Practical Approach:** Included hands-on exercises, case studies, and real-world examples, making the learning process engaging.
✅ **Expert Guidance:** Provided valuable inputs from experienced researchers and funding professionals.
✅ **Interactive Sessions:** Encouraged participant engagement through Q&A discussions and group activities.

Areas for Improvement:

🔷 **More Hands-on Practice:** Additional workshops or live proposal drafting sessions could enhance learning.
🔷 **Follow-up Support:** Providing templates, guidelines, and mentorship for participants working on proposals.
🔷 **Advanced Topics:** Covering proposal resubmission strategies and addressing reviewer feedback in more depth.

Participant Takeaways:

- Improved confidence in writing research proposals.
- Clear understanding of funding agency expectations.
- Practical skills to enhance proposal success rates.

Overall Rating: ☆ ☆ ☆ ☆ ☆ (Excellent)
The seminar effectively equipped participants with the skills needed to develop strong research proposals and secure funding opportunities.

SECTION 11:
ACKNOWLEDGEMENT

We are thankful to Dr. P. Shyama Raju, Chancellor, REVA University for providing the facilities. Our thanks to the Vice Chancellor and Registrar for the permissions given. Our heartfelt thanks to our Director Dr.Bhavana B. for the encouragement given for organizing the seminar.

We are also thankful to the supporting staff and the faculty who participated in the seminar.

Coordinators:
1. Mr. Prashanth N
2. Dr. M.A.Nagesh