

# REPORT

on

## Faculty Development Program - Proposal Writing WORKSHOP – I



KS GROUP OF INSTITUTIONS  
**KS RESEARCH AND INNOVATION FOUNDATION**  
MALLASANDRA, OFF KANAKAPURA ROAD  
BANGALORE-109

## **1.0 Introduction:**

A Proposal Writing Workshop was conducted for the faculty members of KS Group of Institutions. The program aimed to enhance the skills and knowledge of participants in writing effective FDP proposals for funding from various agencies. The workshop was divided into three sessions, conducted by Dr. Swamy D R, Executive Director of KSRIIF, and coordinated by Dr. P N Jyothi, Professor, Mechanical Department, KSSEM. The participants included 11 faculty members from the Mechanical Engineering and Electronics and Communication departments of KSSEM and KSIT.

### **Session 1:** *Understanding the Basics of Proposal Writing*

The first session of the workshop focused on providing participants with a comprehensive understanding of the basics of proposal writing. Dr. Swamy D R discussed the importance of clear objectives, problem statements, and methodology in a research proposal. He emphasized the significance of aligning the proposal with the objectives of funding agencies and highlighted the need for a convincing argument for the significance and originality of the research.

### **Session 2:** *Structure and Content of FDP Proposals*

In the second session, Dr. Swamy D R delved into the structure and content of research proposals. He discussed the various sections that should be included in a proposal, such as the introduction, literature review, objectives, methodology, timeline, and budget. The participants were provided with practical tips for structuring their proposals effectively and enhancing the overall readability and coherence.

### **Session 3:** *Proposal Evaluation*

The final session focused on the evaluation criteria used by funding agencies to assess research proposals. Dr. Swamy D R guided the participants on understanding the key factors considered during the evaluation process, such as feasibility, relevance, and

potential impact. He also emphasized the importance of ethical considerations in research proposals and guided the participants on incorporating appropriate ethical practices and guidelines.

The Proposal Writing Workshop conducted for the faculty members of KS Group of Institutions was a valuable initiative to enhance the proposal writing skills of the faculty members. The program provided participants with a comprehensive understanding of the basics of proposal writing, as well as practical strategies for structuring and evaluating research proposals effectively. It is expected that this workshop will contribute to the overall improvement of grant applications and increase the success rate of obtaining funding for FDP proposal conducted by the faculty members of KS Group of Institutions.

## **2.0 List of participants and experts**

Sl.No	Faculty Name	College & Dept.
1	Dr. Swamy D R	KRP, KSGI
2	Dr. P N Jyothi	KSSEM, ME
3	Dr. Vijay Arekal	KSSEM, CV
4	Dr. Abhishek M R	KSSEM, ME
5	Dr. Karthik P	KSSEM, ECE
6	Prof. Ravikiran B A	KSSEM, ECE
7	Prof. Dileep J	KSSEM, ECE
8	Prof. Kokila	KSSEM, MBA
9	Dr. Saleem Khan	KSIT, ME
10	Dr. Nirmala L	KSIT, ME
11	Dr. Rekha N	KSIT, ECE
12	Dr. Devika B	KSIT, ECE

## **3.0 Objective of this Workshop-I**

- To facilitate faculty members with practical training on crafting proposals for Faculty Development Programs (FDP) targeted at different Funding Agencies.
- To assist in the design and preparation of impactful proposals on diverse topics by the conclusion of the program.

Under this workshop three, meetings were conducted and details are listed below

SL.NO	DATE	MEETING HIGHLIGHTS
1	13/10/2023	<p>ME, ECE, and MBA faculty members from KSIT and KSSEM convened to discuss methods of fostering research skills among the faculty and students of the K S Group of Institutions. Dr. Swamy D R delivered a concise presentation covering the following topics:</p> <ul style="list-style-type: none"> <li>• Identifying funding agencies that provide grants for organizing FDPs</li> <li>• Selecting themes for FDPs based on current trends</li> <li>• Writing proposals and creating an outline for FDP proposal applications</li> <li>• Establishing a panel of experts for each session</li> </ul> <p>The faculty members were assigned the task of proposing three FDP titles in their respective fields of interest, emphasizing trending topics.</p>
2	25/10/2023	<p>Based on the outcomes of the previous meeting, all faculty members had submitted three FDP titles each, resulting in a total of 21 titles (see Annexure-I) for review. Dr. Swamy thoroughly reviewed the submitted titles and finalized one title for each faculty member, resulting in a selection of eight titles to proceed with.</p> <ul style="list-style-type: none"> <li>• The format for the FDP proposal was discussed and deliberated upon.</li> <li>• The faculty members were assigned the task of preparing the write-up for their selected FDP title as part of the proposal process.</li> </ul>
3	03/11/2023	<ul style="list-style-type: none"> <li>• Proposal write - up prepared by each faculty members has been reviewed, corrections were informed.</li> <li>• Total eight proposal are ready for submission to various funding agencies</li> </ul>

## 4.0 List of Proposals Prepared

KS School of Engineering and Management				
SL. NO	NAME OF THE FACULTY	DEPT	FDP PROPOSAL TITLES PROPOSED	PREPARED PROPOSAL TITTLE
1	Dr P N Jyothi	ME	Low-Cost Automation	Sustainable Manufacturing & Green Technologies
			Sustainable Manufacturing & Green Technologies	
			Advancing Industry 4.0: Faculty Training in AI Technologies	
2	Dr Arekal Vijay	CV	Recent Advances in Disaster Risk Management	Recent Advances in Disaster Risk Management
			Applications of Artificial intelligence in Civil Engineering	
			Insights on Forensic Civil Engineering	
3	Mr. Dileep J	ECE	Recent Advances in Deep Learning Models for Health Monitoring	Recent Advances in Deep Learning Models for Health Monitoring
			Applications of Deep Learning Models in Rural Areas	
			Importance of Accreditation for Private Technical Institute	
4	Ms. Kokila Kulkarni	MBA	The impact of Artificial Intelligence on HR practices	"AI-Powered HR: A Path to Efficiency and Success"
5	Mr. Ravi Kiran B A	ECE	Applications of Technology towards enabling an easily accessible and economical Healthcare System in the Indian context	Pioneering Technologies for a Sustainable and Inclusive Healthcare System in India"
			Application of IoT and Machine Learning towards modernizing the Indian Agricultural Sector	
6	Dr Karthik P	ECE	Innovative Approaches in Medical Image Processing: Empowering Faculty with Emerging Technology Tools	Innovative Approaches in Medical Image Processing: Empowering Faculty with Emerging Technology Tools
			Exploring on Detection of Sound Signals in Acoustic Environment	
7	Dr. Abhishek M R	ME	Modern Methods of Harnessing Energy resources	Modern Methods of Harnessing Energy resources
8	Dr. Balaji	ME	Creating a Culture of Social Impact: Enhancing Engineering Faculty's Social Innovation Expertise	Creating a Culture of Social Impact: Enhancing Engineering Faculty's Social Innovation Expertise

KS Institute of Technology

SL.	NAME OF THE FACULTY	DEPT	FDP PROPOSAL TITLES PROPOSED	PREPARED PROPOSAL TITLE
1	Dr. Devika B	ECE	Principles and applications of Modern Wireless Communication Systems	NA
			Nano electronics and nanotechnology	
			Holistic Understanding of UHV and their applications in various aspects of life	
2	Dr. Saleem Khan	ME	python for Mechanical Engineers	NA
			Recent Advances of Micro manufacturing in Mechanical Engineering	
			Renewable energy sources and Internet of Energy (IOE)	
3	Dr. Rekha	ECE	Not submitted	NA
4	Dr. Nirmala	Mech	Not submitted	NA

#### 4.0 List of projects ready for final submission

The following are the list of finalized projects from various faculty participants, which are ready for submission for funding, and all are from KS School of Engineering and management.

FACULTY	DEPT	TITLES
1 Dr P N Jyothi	ME	Greening the Future: A Faculty Development Program on Sustainable Manufacturing
2 Dr. Abhishek M R	ME	Innovative Approaches to Energy Utilization: Enhancing Sustainability and Efficiency
3 Dr. Balaji	ME	Creating a Culture of Social Impact: Enhancing Engineering Faculty's Social Innovation Expertise
4 Dr. Arekal Vijay	CV	Recent Advances in Disaster Risk Management
5 Mr. Dileep J	ECE	Recent Advances in Deep Learning Models for Health Monitoring
6 Mr. Ravi Kiran B A	ECE	Pioneering Technologies for a Sustainable and Inclusive Healthcare System in India
7 Dr. Karthik P	ECE	Accelerating Faculty Competence: Innovating Decision Support Systems with Medical Image Analysis
8 Dr. Kokila Kulkarni	MBA	AI-Powered HR: A Path to Efficiency and Success

## 5.0 List of Identified Funding Agencies

Sl.No	Funding Agencies	Website link
1	AICTE	<a href="https://www.aicte-india.org/schemes/staff-development-schemes">https://www.aicte-india.org/schemes/staff-development-schemes</a>
2	AICTE(ATAL)	<a href="https://www.aicte-india.org/atal">https://www.aicte-india.org/atal</a>
3	Karnataka State Higher Education Council	<a href="https://kshec.karnataka.gov.in/storage/pdf-files/Proposal.pdf">https://kshec.karnataka.gov.in/storage/pdf-files/Proposal.pdf</a> <a href="https://kshec.karnataka.gov.in/english">https://kshec.karnataka.gov.in/english</a>
4	National Institute of technology, Hamirpur	<a href="https://nith.ac.in/">https://nith.ac.in/</a>
5	DST	<a href="https://dst.gov.in/sites/default/files/DST-Training%20Programme%20on%20Entrepreneurship-1.pdf">https://dst.gov.in/sites/default/files/DST-Training%20Programme%20on%20Entrepreneurship-1.pdf</a> <a href="https://dst.gov.in/programmes-innitiatives">https://dst.gov.in/programmes-innitiatives</a>
6	UGC	<a href="https://www.ugc.gov.in/page/Faculty-Development.aspx">https://www.ugc.gov.in/page/Faculty-Development.aspx</a>
7	VTU-TEQIP	<a href="https://vtu.ac.in/en/teqip-formats/">https://vtu.ac.in/en/teqip-formats/</a> <a href="https://vtu.ac.in/en/teqip/">https://vtu.ac.in/en/teqip/</a>
8	India Science, Technology & Innovation	<a href="https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/faculty-development-programme-fdp">https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/faculty-development-programme-fdp</a>
9	National Human Resources Development Corporation (NHDRC)	<a href="https://www.nationalhrd.org/home">https://www.nationalhrd.org/home</a>
10	National Institute of Human Resource Development (NIHRD)	<a href="https://nahrd.in/">https://nahrd.in/</a>
11	Indian Society for Training and Development (ISTD)	<a href="https://www.istd.in/">https://www.istd.in/</a>
12	Society for Human Resource Management (SHRM)	<a href="https://www.shrm.org/">https://www.shrm.org/</a>
13	Global Reporting Initiative (GRI)	<a href="https://www.globalreporting.org/about-gri/how-we-are-funded/">https://www.globalreporting.org/about-gri/how-we-are-funded/</a>
14	Integrated Reporting Council(IRC)	<a href="https://www.integratedreporting.org/resource/international-ir-framework/">https://www.integratedreporting.org/resource/international-ir-framework/</a>
15	National Science & Technology Entrepreneurship Development Board	<a href="https://www.nstedb.com/training/fdp.htm">https://www.nstedb.com/training/fdp.htm</a>
16	Social Progress Imperative	<a href="https://www.socialprogress.org/">https://www.socialprogress.org/</a>
17	Office of Naval Research (ONR)	<a href="https://www.nsf.gov/publications/pub_summ.jsp?ods_key=fdponr">https://www.nsf.gov/publications/pub_summ.jsp?ods_key=fdponr</a>
18	National Science Foundation (NSF)	<a href="https://www.nsf.gov/">https://www.nsf.gov/</a>
19	Society for Human Resource Management (SHRM)	<a href="https://www.shrm.org/">https://www.shrm.org/</a>
20	Boston Consulting Group (BCG)	<a href="https://www.bcg.com/">https://www.bcg.com/</a>

## 6.0 Photos



**Dr Swamy D R.**  
**Executive Director (KSRIF).**

**Dr Jyothi P N**  
**Professor**

**Dr Karthik P**  
**Professor**



# **REPORT**

on

## **Proposal for Organizing International Conference**

### **WORKSHOP – II**



**KS GROUP OF INSTITUTIONS**  
**KS RESEARCH AND INNOVATION FOUNDATION**  
MALLASANDRA, OFF KANAKAPURA ROAD  
BANGALORE-109

## **1.0 Introduction:**

A Proposal Writing Workshop was conducted for the faculty members of KS Group of Institutions. The program aimed to enhance the skills and knowledge of participants in writing effective proposals for Organizing International Conference for funding from various agencies. The workshop was divided into three sessions, conducted by Dr. Swamy D R, Executive Director of KSRIF, and coordinated by Dr. P N Jyothi, Professor, Mechanical Department, and KSSEM. The participants included 12 faculty members from the Mechanical Engineering, Civil Engineering and Electronics and Communication departments of KSSEM and KSIT.

### **Session 1:** *Understanding the basics & components in Proposal formats for Organizing an international Conference*

The first session of the workshop focused on providing participants with a comprehensive understanding of the basics of proposal writing. Dr. Swamy D R discussed the importance of clear objectives, purpose and components in an International conference proposal. He emphasized the significance of aligning the proposal with the objectives of funding agencies. Each team was given an task for making a presentation with all the proposal components in the next session scheduled

### **Session 2:** *Presentation by all the three Teams*

In the second session, three teams presented their proposal for organizing international conference. Each team was given suggestions by Dr. Swamy and other two team members. In the next session, final presentation was scheduled with all the changes and modifications informed. The best team will be given approval for organizing international conference in their Campus

### **Session 3: Proposal Evaluation**

All the three teams give their presentation on proposal for organizing international conference before the panel members. Panel Members include Dr. KVA Balaji-CEO, KSGI, and KRP's Dr. D R Swamy. Dr. Bhatt, Dr. Pradeep Desai and, Dr. Ramanarashima K, Principal KSSEM and Dr. Dilip Kumar K, Principal KSIT.

#### **2.0 List of participants and experts**

Sl.No	Faculty Name	College & Dept.
1	Dr. Swamy D R	KRP, KSGI
2	Dr. P N Jyothi	KSSEM, ME
3	Dr. Abhishek M R	KSSEM, ME
4	Mr. Harisha P	KSSEM, ME
5	Dr. Karthik P	KSSEM, ECE
6	Dr. Girish V Attimarad	KSSEM, ECE
7	Dr. Manu D K	KSSEM, ECE
8	Mr.Naveena M.P	KSSEM, CV
9	Mrs. Pallavi M	KSSEM, CV
10	Dr. Dinesh Kumar D S	KSIT, ECE
11	Mrs. Ramya K R	KSIT, ECE
12	Dr. Nagaprasad K S	KSIT, ME
13	Dr. Tejaswini M.L.	KSIT, ME

#### **3.0 Objective of this Workshop-I**

- To facilitate faculty members with practical training on crafting proposals for organizing International Conference targeted at different Funding Agencies.
- To assist in the design and preparation of impactful proposals on diverse theme by the conclusion of the program.

Under this workshop three, meetings were conducted and details are listed below

SL.NO	DATE	MEETING HIGHLIGHTS															
1	28/11/23	<p>1. Each faculty were asked to give introduction about their area of Interest and Specialization</p> <p>2. Faculties were given choice for selecting proposal writing for conference/ workshop/Seminar. All of them selected Conference</p> <p>3. Dr. Swamy D R gave introduction about the workshop II, also listed out the components to be included in the proposal that has to be submitted to funding agencies for organizing International Conference</p> <p>4. Three teams were made. Each team was given a task of preparing a presentation with all proposal- components that has to be submitted to funding agencies for funding international conference</p> <table border="1"> <thead> <tr> <th>Team 1</th> <th>Team 2</th> <th>Team 3</th> </tr> </thead> <tbody> <tr> <td>Dr. Nagaprasad K S</td> <td>Dr. Girish V Attimarad</td> <td>Dr. P N Jyothi</td> </tr> <tr> <td>Dr. Dinesh Kumar D S</td> <td>Dr. Karthik P</td> <td>Mr. Harisha P</td> </tr> <tr> <td>Mrs. Ramya K R</td> <td>Dr. Manu D K</td> <td>Dr. Abhishek M R</td> </tr> <tr> <td>Dr. Tejaswini M.L.</td> <td>Mr. Naveena M.P</td> <td>Mrs. Pallavi M</td> </tr> </tbody> </table>	Team 1	Team 2	Team 3	Dr. Nagaprasad K S	Dr. Girish V Attimarad	Dr. P N Jyothi	Dr. Dinesh Kumar D S	Dr. Karthik P	Mr. Harisha P	Mrs. Ramya K R	Dr. Manu D K	Dr. Abhishek M R	Dr. Tejaswini M.L.	Mr. Naveena M.P	Mrs. Pallavi M
Team 1	Team 2	Team 3															
Dr. Nagaprasad K S	Dr. Girish V Attimarad	Dr. P N Jyothi															
Dr. Dinesh Kumar D S	Dr. Karthik P	Mr. Harisha P															
Mrs. Ramya K R	Dr. Manu D K	Dr. Abhishek M R															
Dr. Tejaswini M.L.	Mr. Naveena M.P	Mrs. Pallavi M															
2	7/12/23	<p>Each Team gave the presentation and Corrections were informed soon after the presentation</p> <p>Final Presentation was scheduled on 1/1/24</p>															
3	1/1/24	Each team presented their proposal for organizing International Conference															

#### 4.0 List of Proposals Prepared

SL.NO	Team members	Proposed International Conference Title
1	Dr. Nagaprasad K S Dr. Dinesh Kumar D S Mrs. Ramya K R Dr. Tejaswini M.L.	
2	Dr. Girish V Attimarad Dr. Karthik P Dr. Manu D K Mr.Naveena M.P	
3	Dr. P N Jyothi Mr.Harisha P Dr. Abhishek M R Mrs. Pallavi M	

#### 5.0 List of Identified Funding Agencies

Sl.No	Funding Agency	Link
1	Science and Engineering Research Board (SERB)	<a href="https://www.ugc.gov.in">https://www.ugc.gov.in</a>
2	Department Of Science and Technology (DST)	<a href="https://dst.gov.in/">https://dst.gov.in/</a>
3	AICTE	<a href="https://www.aicte-india.org/sites/default/files/GRANT%20FOR%20ORGANISING%20CONFERENCE.pdf">https://www.aicte-india.org/sites/default/files/GRANT%20FOR%20ORGANISING%20CONFERENCE.pdf</a>
4	Council of Scientific and Industrial Research (CSIR)	<a href="https://www.csir.res.in/">https://www.csir.res.in/</a>
5	National Board for Higher Mathematics (NBHM) (DAE)	<a href="https://vikaspedia.in/education/resource-links/scientific-and-educational-institutions/national-board-for-higher-mathematics-nbhm#:~:text=NBHM%20provides%20funds%20to%20university,work%2C%20and%20other%20academic%20activities">https://vikaspedia.in/education/resource-links/scientific-and-educational-institutions/national-board-for-higher-mathematics-nbhm#:~:text=NBHM%20provides%20funds%20to%20university,work%2C%20and%20other%20academic%20activities</a>
6	Indian Space Research Organization (ISRO)-	<a href="https://www.isro.gov.in/Conference_Grants.html">https://www.isro.gov.in/Conference_Grants.html</a>
7	Karnataka State Higher Education Council	<a href="https://kshec.karnataka.gov.in/storage/pdf-files/Proposal.pdf">https://kshec.karnataka.gov.in/storage/pdf-files/Proposal.pdf</a>
8	Defense Research and Development Organization-(DRDO)	<a href="https://www.drdo.gov.in/armaments-research-board/purpose">https://www.drdo.gov.in/armaments-research-board/purpose</a>
9	Indian Council Of Historical Research-	<a href="http://ichr.ac.in/v3/seminarworkshopconference-grant.php">http://ichr.ac.in/v3/seminarworkshopconference-grant.php</a>
10	Indian Council of World Affairs( only Conference)	<a href="https://www.icwa.in/show_content.php?lang=1&amp;level=1&amp;lid=486&amp;lid=27">https://www.icwa.in/show_content.php?lang=1&amp;level=1&amp;lid=486&amp;lid=27</a>

11	Ministry of Company Affairs	<a href="https://www.mca.gov.in/Ministry/pdf/GuidelinesforYPs_19012018.pdf">https://www.mca.gov.in/Ministry/pdf/GuidelinesforYPs_19012018.pdf</a>
12	Department of Electronics and Information Technology	<a href="https://www.meity.gov.in/">https://www.meity.gov.in/</a>
13	Ministry of Earth Sciences	<a href="https://www.moes.gov.in/">https://www.moes.gov.in/</a>
14	Ministry of Environment & Forests (MoEF)	<a href="http://moef.gov.in/moef/index.html">http://moef.gov.in/moef/index.html</a>
15	Ministry of New and Renewable Energy (MNRE) india.org/	<a href="https://mnre.gov.in/">https://mnre.gov.in/</a>

## 6.0 Photos



**Dr. Swamy D R.**  
**Executive Director (KSRIF).**

**Dr. Jyothi P N**  
**Professor**