



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade, Approved by AICTE and Affiliated to JNTUH),
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



Department of Information Technology

Faculty Development Program Report

A Six-day online Faculty Development Program (FDP) was organized on the theme: “From Research to Publication: Best Practices and Emerging Opportunities” by IT Department, Bhoj Reddy Engineering College for Women in association with R & D Cell, BRECW during 22 June to 27 June 2026. It was aimed to strengthen research capabilities of faculty members and research scholars by providing practical knowledge on every stage of the research lifecycle. Experts from academia delivered sessions on publication ethics, peer review, journal selection, intellectual property rights, research grants, and emerging publishing trends. The program enabled participants to understand current research practices and improve the quality and impact of their scholarly work.

Outcomes of the FDP:

- Understand the complete research publication workflow.
- Promote ethical and responsible research practices.
- Develop awareness of Intellectual Property Rights (IPR).
- Understand peer review, journal indexing and impact factor.
- Learn techniques for writing competitive research grant proposals.
- Explore innovations in scholarly communication and AI-assisted publishing.

FDP Brochure:

Vision of BRECW BRECW develops confident and articulate young women into dynamic Engineers equipped with skills, knowledge, values and an attitude to contribute to the society. Vision of IT Department To emerge as a department of excellence in using cutting-edge technology by empowering women with sound technical knowledge to meet the future needs and challenges of the society. Mission of IT Department Department is committed: ➤ To provide an enriching & conducive environment to build tools through the values of compassion and respect. ➤ To provide a holistic learning environment which will help students improve their personal and professional skills. ➤ To create an ambience that will contribute in creating self-reliant, innovative and entrepreneurial professionals, who shall contribute to the growth of technology. ➤ To develop a passion for learning through practical approach. Contact Details Coordinator Ms K Madhuravani Assistant Professor, IT madhuravani.kokkanda@slv-edu.in 9885999936 Co-Coordinator Ms Minhaj Begum Assistant Professor, IT minhaj.begum@slv-edu.in 9848129069	CHIEF PATRON Ms K Sandhya Rani, President, SLV PATRONS Dr M Arunima, Vice President, SLV Dr V Sudha, Secretary, SLV Ms S Vaidehi Reddy, Treasurer, SLV Mr G Surender Reddy, Member, SLV Dr Rama Kondepalli, Member, SLV Mr T V Partha Saradhi, Member, SLV Dr G Sashi, Member, SLV CHIEF OPERATING OFFICER, SLV Dr Ch Sujatha Gangadhar DIRECTOR HR & ACADEMICS, SLV Dr K Gracy Saila Sree ORGANIZING CHAIR Dr G Shyama Chandra Prasad, Principal ADVISORY COMMITTEE Mr G Dayakar Reddy, Vice Principal Dr M Sandhya Rani, HoD-IT Dr M Vinod, HoD-CSE Dr M Seshu Bhavani, HoD-CSM Dr J Madhavan, HoD-ECE Ms S Asha Kiranmai, HoD-EEE ORGANISING COMMITTEE Ms D Navaneetha, Assoc Professor, IT Ms G Jyothi, Assoc Professor, IT Mr G Sudhakar Raju, Assoc Professor, IT Ms S Revathi, Asst Professor, IT Ms Saleha Farha, Asst Professor, IT Ms T Sudha Rani, Asst Professor, IT	Six-Day Online Faculty Development Programme on From Research to Publication: Best Practices and Emerging Opportunities 22- 27 June 2026 Organized by Department of Information Technology In collaboration with R&D Cell  Bhoj Reddy Engineering College for Women (Accredited by NAAC with A Grade) Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500059 Telangana, India. www.brecw.ac.in Phone: 040 - 24537282, 24531725
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About College

Bhoj Reddy Engineering College for Women is run by Sangam Laxmibai Vidyapeet, a registered voluntary social action group working since 1952 for empowerment of women and girls through education. The Vidyapeet has more than 60 years of experience in the field of education. The College was established in 1997. It offers B.Tech programs in CSE, CSE-AI & ML, ECE, EEE and IT with an overall intake of 480. The College campus has the unique advantage of being located in the heart of the city and yet free from noise and dust pollution. With considerable open space and greenery spread over 6.5 acres of land, the campus provides an ideal ambience for the Engineering education of girls.

About the Department

The IT department has well experienced faculty and well-established computer laboratories with high-speed interconnections. The department has an intake of 120 seats. The department's motive is to provide students with the skills and knowledge they need to take on appropriate professional positions upon graduation and grow into leadership positions. The department conducts workshops, seminars, guest lectures, webinars and various training sessions to make students strong enough in theoretical and practical skills that enable them to adapt themselves to the global market. The IT department has a high rate of placements. The department has brought out outstanding engineers in the past and will continue its service in the years to come.

About the Programme

The Faculty Development Program "From Research to Publication: Best Practices and

Emerging Opportunities" is designed to enhance the research and publication skills of faculty members and researchers. The program covers the complete research lifecycle, including research methodology, literature review, research ethics, scientific writing, journal selection, publication strategies, intellectual property rights, and research funding opportunities.

Delivered by eminent academicians and industry experts, the FDP aims to equip participants with the knowledge and best practices required to conduct quality research, publish in reputed journals, and strengthen the institution's research and innovation ecosystem.

Guidelines

No registration fees will be charged.

Sessions will be conducted in the evening 6.00 PM – 8.00 PM

Eligible participants will be selected based on first come first serve basis and will be intimated by e-mail.

The **e-certificates** shall be issued to those participants who are registered and attend the program with minimum 80% attendance and score minimum 70% marks in the assessment.

Eligibility

Faculty members, Research scholars and PG Scholars of the AICTE approved institutions and Industry Personnel are eligible to apply.

Registration

Registration is mandatory for attending the FDP. The participants are requested to register through the google form:

<https://forms.gle/8WgaheKLsVV6L9mZA>

Topics to be Covered

Resource Person	Topic
Dr. Amit Dewangan , Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh	Research Ecosystem and Emerging Opportunities
Dr. Swathi Gowroju , Associate Professor and Head, Department of CSE(AIML), Sreyas Institute of Engineering and Technology, Hyderabad	Identifying Research Problems and Defining Research Objectives
Dr. Addepalli VN Krishna , Professor of Engineering, CSE, Christ University, Bangalore	Research Methodology and Experimental Design
Dr. M Sandhya Rani , Associate Professor and Head, Department of Information Technology, Bhoj Reddy Engineering College for Women	Literature Review and Bibliometric Analysis
Dr. R Dinesh Kumar , Associate Professor, Department of Computer Science and Engineering, Bhoj Reddy Engineering College for Women	Mastering the Art of Research Paper Writing
Dr. Nagarajuna Krishna Chaitanya , Associate Professor, Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Nizampet, Hyderabad	Journal Selection and Publication Strategies
Dr. Rohit Raja , Associate Professor, Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh	Research Ethics and Academic Integrity Intellectual Property Rights and Patent Filing
Dr. Vijaya Chandra Jadala , Associate Professor, School of Computer Science & Artificial Intelligence, SR University, Warangal	Peer Review Process and Handling Reviewers' Comments, Enhancing Research Visibility and Impact
Dr. Srinivas Jagirdar , Associate Professor and HoD IT, Matrusri Engineering College, Hyderabad	Research Funding and Grant Proposal Writing, Future Directions in Research and Publication

Flyer/Banner(Digital):



Bhoj Reddy Engineering College for Women

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Recognised by UGC under section 2(f) of the UGC Act, 1956, Accredited by NAAC with A Grade

Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana.



Six-Day Online Faculty Development Programme

on

“From Research to Publication: Best Practices and Emerging Opportunities”

22 - 27 June 2026

6:00 PM – 8:00 PM

Organized by

Department of Information Technology

In collaboration with R&D Cell

Coordinator

Ms K Madhuravani

Co-coordinator

Ms Minhaj Begum

HoD-IT

Dr M Sandhya Rani

FDP Schedule:

		Bhoj Reddy Engineering College for Women Department of Information Technology in Collaboration with R&D Online Six-day Faculty Development Programme Schedule 2025-26				
FDP Title: From Research to Publication: Best Practices and Emerging Opportunities						End Date: 27.06.2026
Start Date: 22.06.2026			End Date: 27.06.2026			
Day 1 (22.06.2026)	Day 2 (23.06.2026)	Day 3 (24.06.2026)	Day 4 (25.06.2026)	Day 5 (26.06.2026)	Day 6 (27.06.2026)	
6:00 PM to 6:15 PM	6:00 PM to 7:00 PM Session 3	6:00 PM to 7:00 PM Session 5	6:00 PM to 7:00 PM Session 7	6:00 PM to 7:00 PM Session 9	6:00 PM to 7:00 PM Session 11	
Inaugural Session Ms. Minhaj Begum Assistant Professor, Department of Information Technology, Bhoj Reddy Engineering College for Women, Hyderabad.	Topic: Research Methodology and Experimental Design Dr. Addepalli VN Krishna, Professor of Engineering, Department of Computer Science & Engineering, Christ University, Bangalore.	Topic: Mastering the Art of Research Paper Writing Dr. R Dinesh Kumar Associate Professor, Department of Computer Science and Engineering, Bhoj Reddy Engineering College for Women Hyderabad.	Topic: Research Ethics and Academic Integrity Dr. Rohit Raja, Associate Professor, Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh	Topic: Peer Review Process and Handling Reviewers' Comments Dr. Vijaya Chandra Jadala Associate Professor School of Computer Science & Artificial Intelligence, SR University, Warangal.	Topic: Research Funding and Grant Proposal Writing Dr Srinivas Jagirdar, Associate Professor and Head, Department of Information Technology, Matrusri Engineering College, Hyderabad.	
6:15 PM to 7:00PM Session 1	7:10 PM to 8:10PM Session 4	7:10 PM to 8:10 PM Session 6	7:10 PM to 8:10 PM Session 8	7:10 PM to 8:10 PM Session 10	7:10 PM to 8:10 PM Session 12	
Topic: Research Ecosystem and Emerging Opportunities Dr Amit Dewangan Assistant Professor, Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh	Topic: Literature Review and Bibliometric Analysis Dr. M Sandhya Rani Associate Professor and Head, Department of Information Technology, Bhoj Reddy Engineering College for Women Hyderabad.	Topic: Journal Selection and Publication Strategies Dr. Nagarjuna Krishna Chaitanya Associate Professor, Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Nizampet, Hyderabad	Topic: Intellectual Property Rights and Patent Filing Dr. Rohit Raja Associate Professor, Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh	Topic: Enhancing Research Visibility and Impact Dr. Vijaya Chandra Jadala Associate Professor School of Computer Science & Artificial Intelligence, SR University, Warangal	Topic: Future Directions in Research and Publication Dr Srinivas Jagirdar Associate Professor and Head, Department of Information Technology, Matrusri Engineering College, Hyderabad	
7:00 PM to 8:00 PM Session 2					8:10 PM to 8:30 PM Session 13	
Topic: Identifying Research Problems and Defining Research Objectives Dr. Swathi Gowroju, Associate Professor and Head, Department of CSE(AIML), Sreyas Institute of Engineering and Technology, Hyderabad					Feedback & Valedictory Session Ms. K Madhuravani Department of Information Technology, Bhoj Reddy Engineering College for Women, Hyderabad.	
Cordinator Ms. K Madhuravani, Assistant Professor, Department of Information Technology, Bhoj Reddy Engineering College for Women Hyderabad.			Co-coordinaor Ms. Minhaj Begum, Assistant Professor, Department of Information Technology, Bhoj Reddy Engineering College for Women, Hyderabad.			

Topics Covered during the FDP:

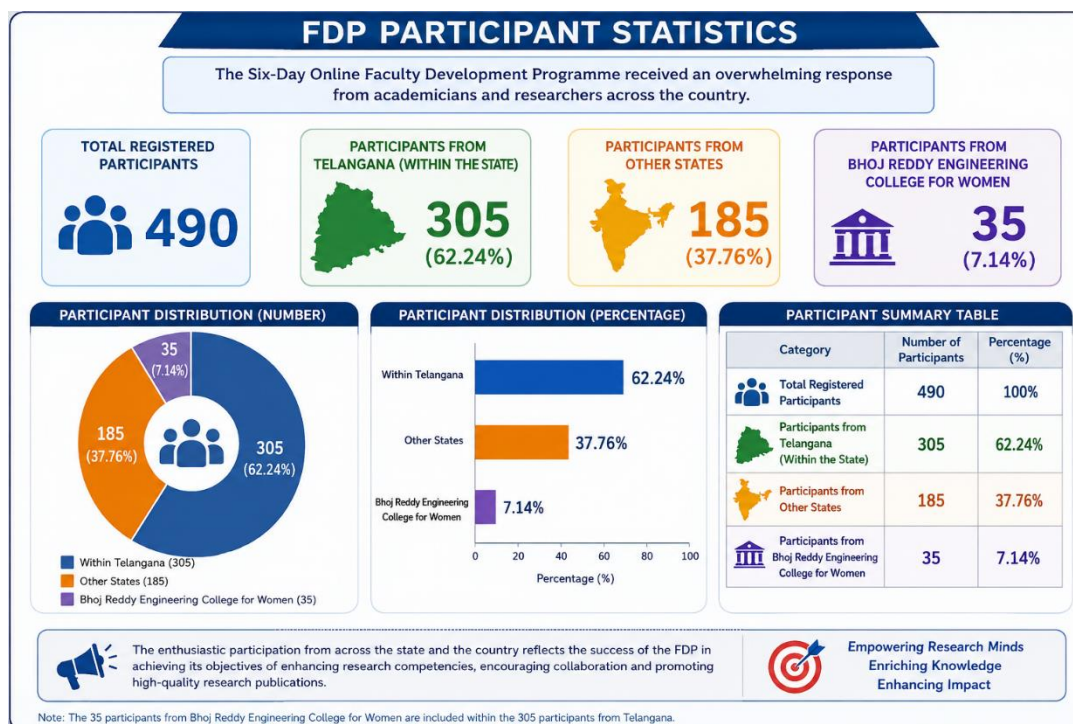
Day	Session & Topic	Key Highlights of the Discussion
Day 1 (22-06-2026)	Inaugural Session	The FDP was inaugurated by the organizing committee. The objectives, schedule, expected outcomes, and importance of research-oriented faculty development were explained. Participants were encouraged to actively engage throughout the program.
	Session 1: Research Ecosystem and Emerging Opportunities	Introduced the current research ecosystem, interdisciplinary research trends, emerging technologies, funding opportunities, collaborative research, and the importance of addressing societal challenges through impactful research. Participants learned about identifying research opportunities aligned with national and global priorities.
	Session 2: Identifying Research Problems and Defining Research Objectives	Explained systematic methods for selecting meaningful research problems through literature surveys and real-world observations. Discussed characteristics of a good research problem, framing research questions, writing SMART objectives, hypothesis formulation, and defining research scope.
Day 2 (23-06-2026)	Session 3: Research Methodology and Experimental Design	Covered different research methodologies including qualitative, quantitative, and mixed-method approaches. Discussed experimental design principles, sampling techniques, data

		collection methods, statistical validation, reproducibility, and ethical considerations in conducting research.
	Session 4: Literature Review and Bibliometric Analysis	Demonstrated systematic literature review techniques using digital databases such as Scopus, Web of Science, and Google Scholar. Explained bibliometric analysis, citation mapping, keyword analysis, reference management tools, and identification of research gaps for future studies.
Day 3 (24-06-2026)	Session 5: Mastering the Art of Research Paper Writing	Discussed the complete structure of a research paper including title, abstract, introduction, methodology, results, discussion, conclusion, and references. Shared best practices for scientific writing, avoiding plagiarism, maintaining clarity, and responding to reviewers effectively.
	Session 6: Journal Selection and Publication Strategies	Explained criteria for selecting suitable journals based on scope, indexing, impact factor, quartile ranking, acceptance rate, and publication timelines. Participants learned how to identify predatory journals and adopt effective publication strategies for higher acceptance rates.
Day 4 (25-06-2026)	Session 7: Research Ethics and Academic Integrity	Focused on responsible conduct of research, publication ethics, plagiarism prevention, data integrity, authorship ethics, conflict of interest, duplicate publication, and international ethical guidelines followed by reputed journals.
	Session 8: Intellectual Property Rights (IPR) and Patent Filing	Detailed explanation of Intellectual Property Rights including patents, copyrights, trademarks, and trade secrets. The patent filing process, patentability criteria, prior art search, technology commercialization, and protection of research innovations were discussed with practical examples.
Day 5 (26-06-2026)	Session 9: Peer Review Process and Handling Reviewers' Comments	Explained the complete manuscript review workflow from journal submission to editorial decisions. Participants learned about single-blind, double-blind, and open peer review, interpreting reviewers' comments, preparing revision reports, and improving manuscript quality for publication.
	Session 10: Enhancing Research Visibility and Impact	Discussed methods to improve research visibility through quality publications, indexing databases, researcher profiles (ORCID, Google Scholar, Scopus Author ID), citation management, academic networking, open-access publishing, and increasing research impact. The significance of impact factor and citation metrics was also explained.
Day 6 (27-06-2026)	Session 11: Research Funding and Grant Proposal Writing	Explained the components of a successful research proposal including problem statement, objectives, methodology, work plan, budgeting, expected outcomes, evaluation criteria, and funding opportunities from national and international agencies. Practical tips for preparing competitive grant proposals were shared.
	Session 12: Future Directions in Research and Publication	Discussed emerging trends in scholarly publishing such as Artificial Intelligence-assisted writing, open science, data sharing, multimedia publications, living papers, research collaboration platforms, alternative impact metrics (Altmetrics), and future opportunities for interdisciplinary research.
	Feedback & Valedictory Session	Participants shared feedback regarding the FDP. Organizers summarized the key learning outcomes, appreciated the active participation of faculty members, encouraged continued research collaborations, and concluded the program with a vote of thanks.

Mapping of FDP Objectives to Sustainable Development Goals (SDGs):

S.No	FDP Outcome	Mapped SDG(s)	Justification
1	Understand the complete research publication workflow.	SDG 4 – Quality Education SDG 9 – Industry, Innovation and Infrastructure	Enhances faculty research competencies, promotes lifelong learning, and strengthens research and innovation capabilities essential for knowledge creation.
2	Promote ethical and responsible research practices.	SDG 16 – Peace, Justice and Strong Institutions SDG 4 – Quality Education	Encourages academic integrity, ethical research conduct, transparency, and responsible scholarly practices that strengthen trustworthy institutions and quality education.
3	Develop awareness of Intellectual Property Rights (IPR).	SDG 9 – Industry, Innovation and Infrastructure	Promotes innovation, protection of intellectual assets, technology transfer, entrepreneurship, and commercialization of research outcomes.
4	Understand peer review, journal indexing and impact factor.	SDG 4 – Quality Education SDG 9 – Industry, Innovation and Infrastructure	Improves the quality of scholarly communication, research dissemination, and publication standards while supporting research excellence.
5	Learn techniques for writing competitive research grant proposals.	SDG 9 – Industry, Innovation and Infrastructure SDG 17 – Partnerships for the Goals	Strengthens the ability to secure research funding, encourages collaborative research, and supports innovation through partnerships with funding agencies and institutions.
6	Explore innovations in scholarly communication and AI-assisted publishing.	SDG 4 – Quality Education SDG 9 – Industry, Innovation and Infrastructure	Encourages adoption of emerging technologies, AI-assisted research tools, digital publishing, and innovative knowledge dissemination practices.

Participants Distribution :



Inaugural Session

The Six-Day Online Faculty Development Program (FDP) titled **"From Research to Publication: Best Practices and Emerging Opportunities"** commenced with an inaugural session organized by the Department of Information Technology in collaboration with the R&D Cell, Bhoj Reddy Engineering College for Women, Hyderabad. The program began with a formal welcome by Ms. Minhaj Begum, Assistant Professor, Department of Information Technology, who served as the host for the session. Also, she has expressed gratitude to Dr. V. Sudha, Secretary-SLV, Dr. Ch. Sujatha Gangadhar, Chief Operating Officer, SLV, and Dr. K. Gracy Saila Sree, Director – HR & Academics, SLV, for their continuous encouragement and support. A special mention was made to the Principal, Dr. G. Shyama Chandra Prasad, and Vice Principal, Mr G Dayakar Reddy, whose visionary leadership, unwavering commitment to academic excellence, and continuous encouragement inspired to strive for innovation and research. She has also welcomed all the heads of departments, distinguished resource persons, faculty members, research scholars, and participants from various institutions across the country.

During the inaugural address, the significance of conducting research with integrity and publishing quality scholarly work was emphasized. The management and academic leadership highlighted the importance of continuous professional development, interdisciplinary research, innovation, and academic collaboration in enhancing teaching and research excellence. Participants were encouraged to utilize the FDP as a platform for improving their research capabilities and publication skills.

The objectives and structure of the six-day programme were introduced, outlining the comprehensive coverage of the research lifecycle—from identifying research problems and selecting methodologies to scientific writing, journal selection, research ethics, intellectual property rights, peer review, research funding, and emerging trends in publishing. The organizers also highlighted that eminent academicians and researchers from reputed institutions would share their expertise throughout the programme.

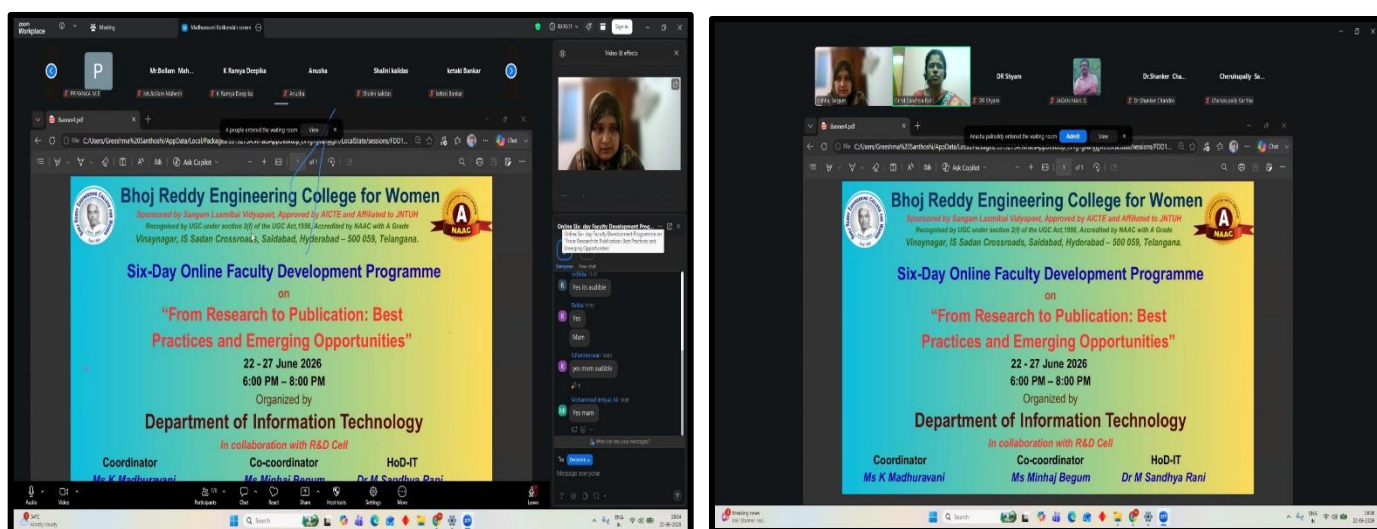


Figure 1: Inaugural Speech by FDP Co-Coordinator Ms. Minhaj Begum

Day-Wise Summary of the FDP:

Day-1(22 June 2026): Session 1(6:00 -7:00 PM)

Topic: Research Ecosystem and Emerging Opportunities

Resource Person: Dr. Amit Dewangan, Assistant Professor, Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh.

Resource Person Profile



Dr. Amit Dewangan is an accomplished academician and researcher in the field of Computer Science and Engineering. He is currently serving as an Assistant Professor in the Department of Information Technology at Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh. He obtained his Ph.D. in Computer Science and Engineering from Dr. C. V. Raman University in 2022, M.E. in Computer Science and Engineering from Shri Ram Institute of Technology, and B.Tech. from the National Institute of Technology (NIT), Raipur. His research interests include Text Mining, Data Mining, Machine Learning, Artificial Intelligence, Cyber Security, Blockchain Applications, Medical Image Analysis, and Intrusion

Detection Systems. Dr. Dewangan has published several research papers in reputed Scopus and SCI-indexed journals and conferences. He is the recipient of the Research Leadership Award (2020) in the field of Text Mining and is qualified in both UGC-NET and CG-SET examinations.

Session Summary: The first technical session on **"Research Ecosystem and Emerging Opportunities"** was delivered by **Dr. Amit Dewangan**, who introduced participants to the evolving global research ecosystem and the importance of interdisciplinary, impactful, and socially relevant research. He discussed emerging technologies such as AIML, Data Science, Cyber Security, Blockchain, IoT, and Cloud Computing, emphasizing collaboration across disciplines. The session highlighted methods for identifying research opportunities through literature reviews and digital databases, including Scopus, Web of Science, and IEEE Xplore. Dr. Dewangan also stressed publishing in reputed journals, maintaining research ethics, developing researcher profiles, securing research funding, and fostering collaborations for successful and meaningful research.



Figure 2: Day 1-Session 1: Dr Amit Kumar addressing the topic "Research Ecosystem and Emerging Opportunities"

Day-1(22 June 2026): Session 2(7:00 -8:00 PM)

Topic: Identifying Research Problems and Defining Research Objectives

Resource Person: Dr. Swathi Gowroju

Associate Professor and Head, Department of Computer Science & Engineering (Artificial Intelligence and Machine Learning), Sreyas Institute of Engineering and Technology, Hyderabad.

Resource Person Profile

Dr. Swathi Gowroju is an accomplished academician, researcher, and administrator with extensive experience in Computer Science and Engineering, particularly in the emerging areas of Artificial Intelligence and Machine Learning. She is currently serving as the Associate Professor and Head of the Department of CSE (AI & ML) at Sreyas Institute of Engineering and Technology, Hyderabad. She possesses significant teaching, research, and administrative experience and has actively guided undergraduate and postgraduate student projects while mentoring research scholars. Her research interests include Artificial Intelligence, Machine Learning, Data Science, Deep Learning, Computer Vision, Natural Language Processing, and Intelligent Decision Support Systems. She has published numerous research papers in reputed Scopus-indexed, SCI, and peer-reviewed journals and has presented her work at several national and international conferences. Apart from her research contributions, Dr. Swathi has organized and delivered expert lectures in various Faculty Development Programmes, Workshops, and Seminars focusing on research methodology, academic writing, innovation, and emerging technologies. She has also served as a reviewer for reputed journals and conferences and actively participates in curriculum development, accreditation activities, and industry-academia collaborations.

Session Summary: The second technical session on "**Identifying Research Problems and Defining Research Objectives**" was delivered by **Dr. Swathi Gowroju**, who emphasized that selecting a meaningful research problem is the foundation of successful research. She explained the distinction between research topics, research problems, and research gaps, and highlighted methods for identifying research opportunities through literature reviews, research databases, conferences, and industry challenges. The session introduced the SMART framework for developing effective research objectives and discussed formulating research questions and hypotheses. Participants also learned to avoid common mistakes such as vague objectives and broad topics, and impactful research plans.



Figure 3: Day 1-Session 2- Dr G Swathi elaborating on "Identifying Research Problems and Defining the Research Objectives"

Day-2(23 June 2026): Session 3(6:00 -7:00 PM)

Topic: Research Methodology and Experimental Design

Resource Person: Dr. Addepalli V. N. Krishna

Professor of Engineering, Department of Computer Science and Engineering, Christ University, Bangalore.

Resource Person Profile



Dr. Addepalli V. N. Krishna is a distinguished academician, researcher, and educator with extensive experience in Computer Science and Engineering. He is currently serving as a Professor of Engineering in the Department of Computer Science and Engineering at Christ University, Bangalore. Throughout his academic career, he has made significant contributions to teaching, research, curriculum development, and academic administration.

His research interests encompass Artificial Intelligence, Machine Learning, Data Analytics, Software Engineering, Cloud Computing, Internet of Things (IoT), and Data Science. Dr. Krishna has published numerous research papers in reputed SCI, Scopus-indexed, and peer-reviewed journals and has presented his work at several national and international conferences. He has also guided many postgraduate and doctoral scholars in diverse research domains and has actively collaborated with academic institutions and industry partners on interdisciplinary research projects.

Session Summary : The third technical session on "**Research Methodology and Experimental Design**" was delivered by **Dr. Addepalli V. N. Krishna**, who introduced participants to the systematic process of conducting scientific research. He explained various research methodologies, including qualitative, quantitative, mixed-method, exploratory, descriptive, and experimental approaches, and discussed their appropriate applications. The session highlighted the importance of experimental design, sampling techniques, data collection methods, and statistical analysis in producing valid, reliable, and reproducible research outcomes. Dr. Krishna also emphasized maintaining data integrity and minimizing experimental bias.

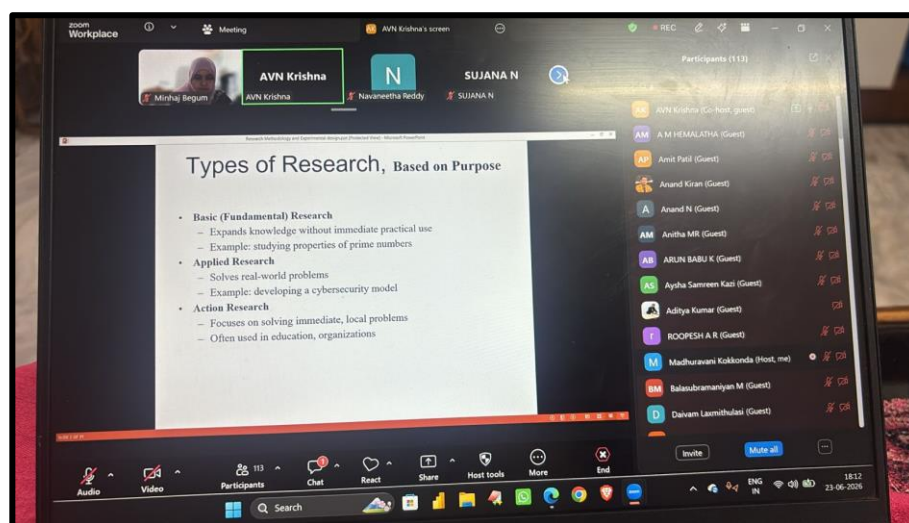


Figure 4:Day 2 Session 3-Dr. Addepalli V. N. Krishna discussion about the Research Methodology and Experimental Design”

Day-2(23 June 2026): Session 4(7:00 -8:00 PM)

Topic: Literature Review and Bibliometric Analysis

Resource Person: Dr. M. Sandhya Rani

Associate Professor and Head, Department of Information Technology, Bhoj Reddy Engineering College for Women, Hyderabad.

Resource Person Profile

Dr. M. Sandhya Rani is an accomplished academician and researcher with extensive experience in teaching, research, and academic administration. She is currently serving as the Associate Professor and Head of the Department of Information Technology at Bhoj Reddy Engineering College for Women, Hyderabad. Her research interests include Cloud Computing, Artificial Intelligence, Machine Learning, Data Analytics, Information Security, Software Engineering, and Emerging Computing Technologies. She has published numerous research papers in reputed national and international journals and conferences, including Scopus-indexed publications. She has successfully guided undergraduate and postgraduate projects and actively mentors faculty members and research scholars in conducting quality research. Dr. Sandhya Rani has been instrumental in establishing collaborations with academic institutions and industry experts to enhance research and innovation. She actively participates in curriculum design, NBA and NAAC accreditation activities, and institutional quality initiatives. Her commitment to academic excellence and research development has inspired both faculty members and students to pursue innovative and impactful research.

Session Summary

The fourth technical session on **"Literature Review and Bibliometric Analysis"** was delivered by **Dr. M. Sandhya Rani**, who emphasized the importance of conducting a systematic literature review as the foundation of quality research. She explained techniques for identifying research gaps, evaluating published studies, and using scholarly databases such as Scopus, Web of Science, Google Scholar, and IEEE Xplore for effective literature searches. The session also introduced bibliometric analysis, covering indicators such as citation count, h-index, impact factor, and collaboration networks. Participants learned to use tools like **VOSviewer**, **Biblioshiny**, and **CiteSpace** to analyze research trends and identify future research opportunities.

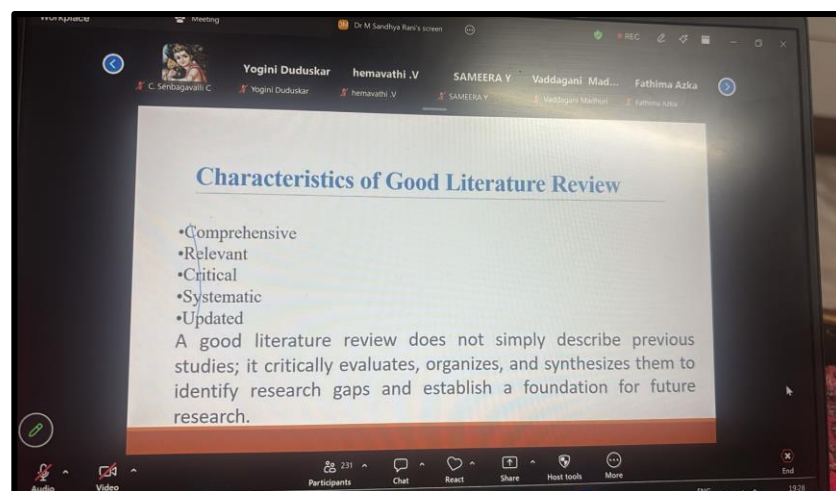


Figure 5: Day 2-Session 4- Dr M Sandhya Rani elaborating on “Literature Review and Bibliometric Analysis”

Day-3(24 June 2026): Session 4(6:00 -7:00 PM)

Topic: Mastering the Art of Research Paper Writing

Resource Person: Dr. R. Dinesh Kumar

Associate Professor, Department of Computer Science and Engineering, Bhoj Reddy Engineering College for Women, Hyderabad.

Resource Person Profile

Dr. R. Dinesh Kumar is an experienced academician and researcher currently serving as an Associate Professor in the Department of Computer Science and Engineering at Bhoj Reddy Engineering College for Women, Hyderabad. He has several years of teaching and research experience and has made significant contributions in the areas of Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, and Software Engineering. He has published research papers in reputed Scopus-indexed and peer-reviewed journals and has actively guided undergraduate and postgraduate students in research and project development. Dr. Dinesh Kumar regularly participates in faculty development programmes, workshops, and conferences, promoting quality research, scientific writing, and ethical publication practices among faculty members and research scholars.

Session Summary

The fifth technical session on "**Mastering the Art of Research Paper Writing**" was delivered by **Dr. R. Dinesh Kumar**, who provided participants with practical guidance on preparing high-quality research manuscripts for publication. He explained the standard structure of a research paper, including the title, abstract, introduction, methodology, results, discussion, conclusion, and references, emphasizing clarity, logical organization, and scientific writing. The session also covered effective presentation of experimental results, publication ethics, plagiarism prevention, and the use of reference management tools such as **Mendeley, Zotero, and EndNote**. Participants gained valuable insights into avoiding common manuscript errors and improving publication success in reputed journals.

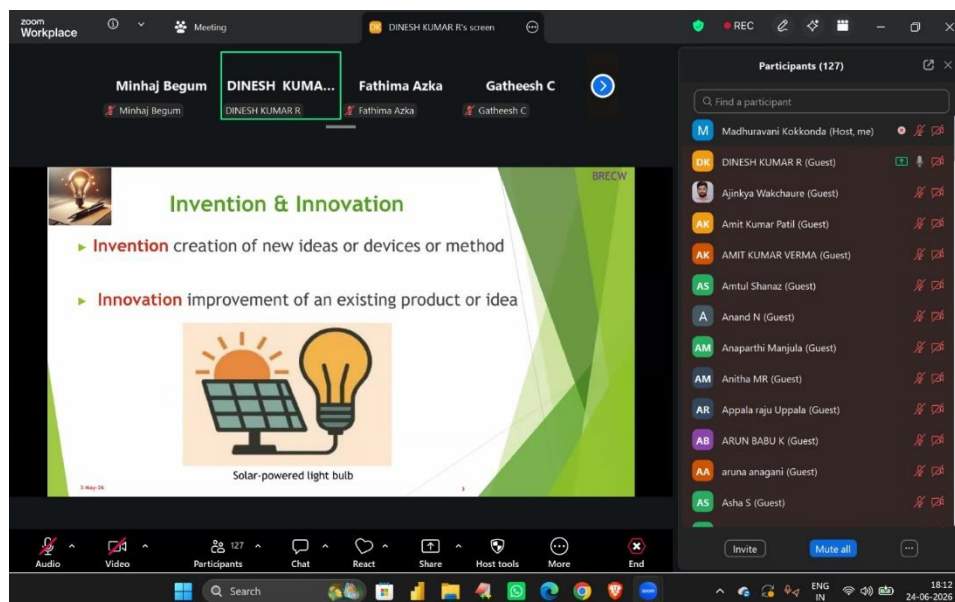


Figure 6: Day 3-Session 5- Dr Dinesh Kumar elaborating on “Mastering the Art of Research Paper Writing”

Day-3(24 June 2026): Session 6(7:00 -8:00 PM)

Topic: Journal Selection and Publication Strategies

Resource Person: Dr. Nagarjuna Krishna Chaithanya

Associate Professor, Department of Computer Science and Engineering, Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Hyderabad.

Resource Person Profile

Dr. Nagarjuna Krishna Chaithanya is an accomplished academician and researcher with extensive experience in teaching, research, and scholarly publishing. He is currently serving as an Associate Professor in the Department of Computer Science and Engineering at Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Hyderabad. Over the years, he has established himself as a dedicated educator and researcher with expertise in Artificial Intelligence, Machine Learning, Data Mining, Cloud Computing, Software Engineering, and Data Analytics. Dr. Chaithanya has published numerous research papers in reputed SCI, Scopus-indexed, and peer-reviewed international journals and conferences. He has guided several undergraduate, postgraduate, and research scholars in developing innovative research projects and has actively contributed to curriculum development and academic quality initiatives. In addition to his research contributions, he regularly serves as a reviewer for international journals and conferences and participates in faculty development programmes, workshops, and technical seminars. His extensive experience in academic publishing, selecting appropriate journals, understanding publication standards, and improving manuscript acceptance rates.

Session Summary : The sixth technical session on "**Journal Selection and Publication Strategies**" was delivered by **Dr. Nagarjuna Krishna Chaithanya**, who provided practical guidance on selecting appropriate journals for publishing quality research. He discussed important selection criteria, including journal scope, indexing, impact factor, CiteScore, quartile ranking, publisher reputation, and publication ethics. The session also highlighted methods for identifying and avoiding predatory journals. Participants learned strategies for improving manuscript acceptance by following author guidelines, maintaining originality, and responding effectively to reviewers' comments. Dr.

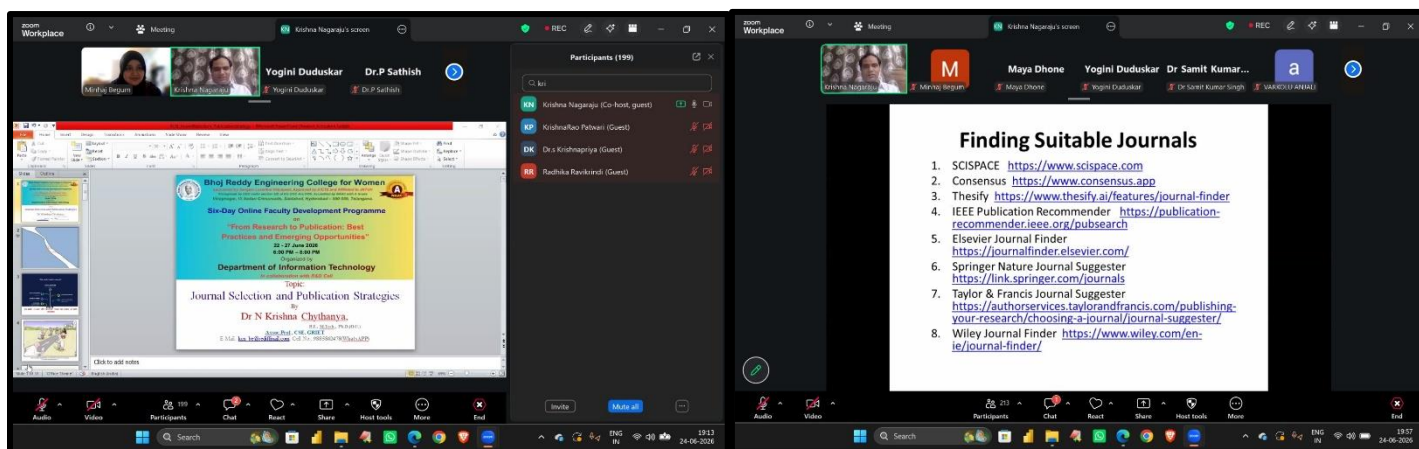


Figure 7: Day 3-Session 6- Dr Nagarjuna Krishna Chaithanya discussing on "Journal Selection and Publication Strategies"

Chaithanya further emphasized enhancing research visibility through platforms such as **ORCID, Google Scholar, ResearchGate, and Scopus Author ID**, encouraging participants to focus on publishing impactful research in reputed indexed journals.

Day-4(24 June 2026): Session 7 & 8 (6:00 -8:00 PM)

Topic: Research Ethics and Academic Integrity ,Intellectual Property Rights, and Patent Filing

Resource Person: Dr. Rohit Raja

Associate Professor, Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Chhattisgarh.

Resource Person Profile



Dr. Rohit Raja is an accomplished academician and researcher currently serving as an Associate Professor in the Department of Information Technology, School of Studies, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh. He has several years of teaching and research experience in the fields of Information Technology, Artificial Intelligence, Data Mining, Machine Learning, Cyber Security, Cloud Computing, and Software Engineering. Dr. Rohit Raja has published numerous research papers in reputed SCI, Scopus-indexed, and peer-reviewed international journals and conferences. He has successfully guided undergraduate, postgraduate, and research scholars and has actively contributed to interdisciplinary research projects. His research interests extend to emerging technologies, ethical computing, and intelligent systems. In addition to his academic responsibilities, he regularly serves as a reviewer for reputed journals, participates in Faculty Development Programmes, and delivers invited talks on research methodology, publication ethics, intellectual property rights, and academic integrity.

Session Summary

Day 4 of the Faculty Development Programme featured two sessions by **Dr. Rohit Raja** on **Research Ethics and Academic Integrity** and **Intellectual Property Rights (IPR) and Patent Filing**. The sessions emphasized ethical research practices, including honesty, transparency, plagiarism prevention, proper citation, responsible authorship, and adherence to publication ethics. Participants also learned about various forms of intellectual property, including patents, copyrights, trademarks, and trade secrets, along with the patent filing process and patentability criteria. Dr. Raja highlighted the importance of protecting research innovations through legal mechanisms and encouraged participants to conduct ethical, innovative, and socially impactful research while safeguarding their intellectual contributions.

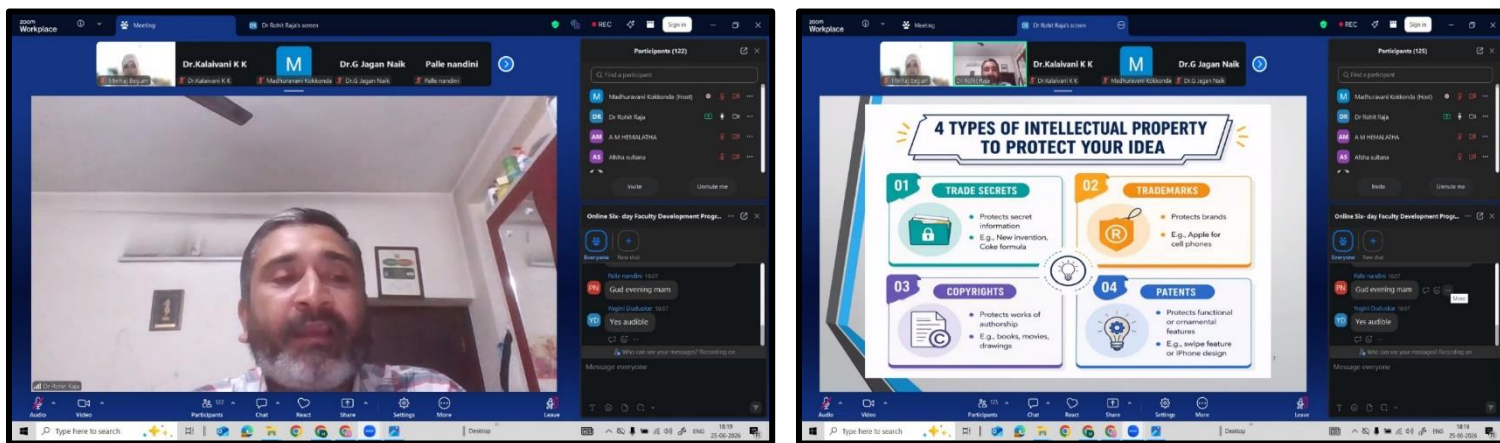


Figure 8: Day 4-Session 7 & 8- Dr Rohit Raja elaborating on “Research Ethics and Academic Integrity, Intellectual Property Rights, and Patent Filing”

Day 5(26 June 2026) Session 9 & 10:(6:00 -8:00 PM)

Topic: Peer Review Process and Handling Reviewers' Comments & Enhancing Research Visibility and Impact

Resource Person: Dr. Vijaya Chandra Jadala

Associate Professor, School of Computer Science & Artificial Intelligence, SR University, Warangal.

Resource Person Profile



Dr. Vijaya Chandra Jadala is a distinguished academician, researcher, and educator currently serving as an Associate Professor in the School of Computer Science & Artificial Intelligence at SR University, Warangal. He has extensive experience in teaching, research, and mentoring students and faculty in emerging areas of Computer Science and Artificial Intelligence. His research interests include Artificial Intelligence, Machine Learning, Data Science, Deep Learning, Natural Language Processing, Computer Vision, and Intelligent Computing Systems.

Dr. Jadala has published numerous research papers in SCI, Scopus-indexed, and other peer-reviewed international journals and conferences. He has successfully guided undergraduate, postgraduate, and doctoral scholars and has actively participated in sponsored research projects and interdisciplinary collaborations. He regularly serves as a reviewer for reputed journals and conferences and contributes to curriculum development, faculty development program, and research initiatives. His expertise in scholarly publishing, peer review, and research impact assessment has helped many researchers improve the quality and visibility of their scientific publications

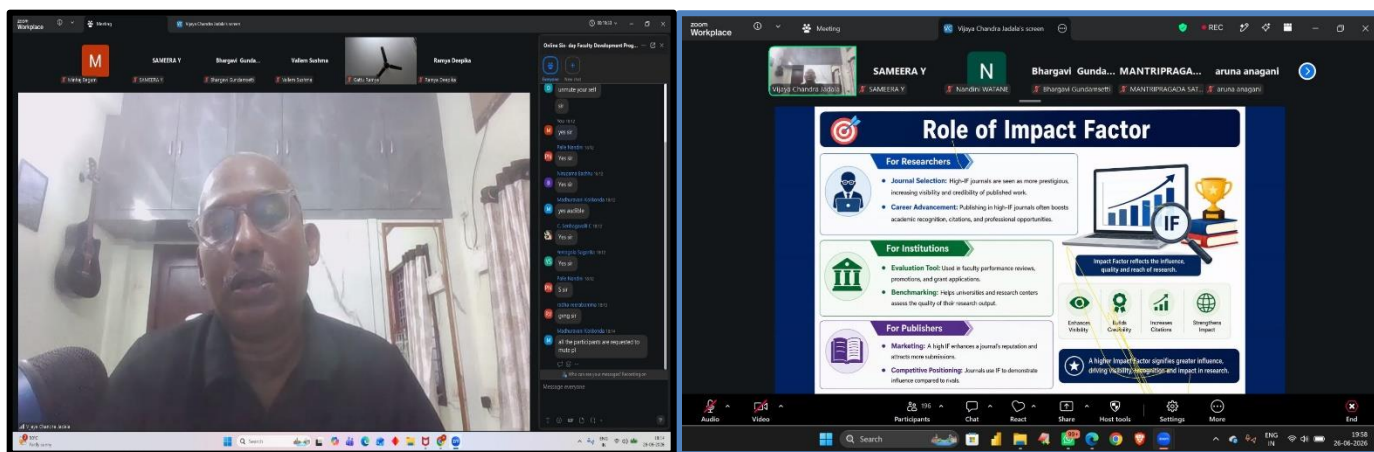


Figure 09: Day 5-Session 9 & 10- Dr Vijaya Chandra Jadala elaborating on "Peer Review Process and Handling Reviewers'

Session Summary

Day 5 of the Faculty Development Program featured two sessions by **Dr. Vijaya Chandra Jadala** on "**Peer Review Process and Handling Reviewers' Comments**" and "**Enhancing Research Visibility and Impact.**" The sessions provided participants with a comprehensive understanding of the manuscript review process, reviewer expectations, and effective strategies for addressing reviewers' comments. Dr. Jadala also discussed research impact metrics such as the **h-index**, **Journal Impact Factor**, **CiteScore**, and **Altmetrics**, and emphasized publishing in reputed indexed journals. Participants learned to improve research visibility through platforms like **ORCID**, **Google Scholar**, **ResearchGate**, and **Scopus Author ID**.

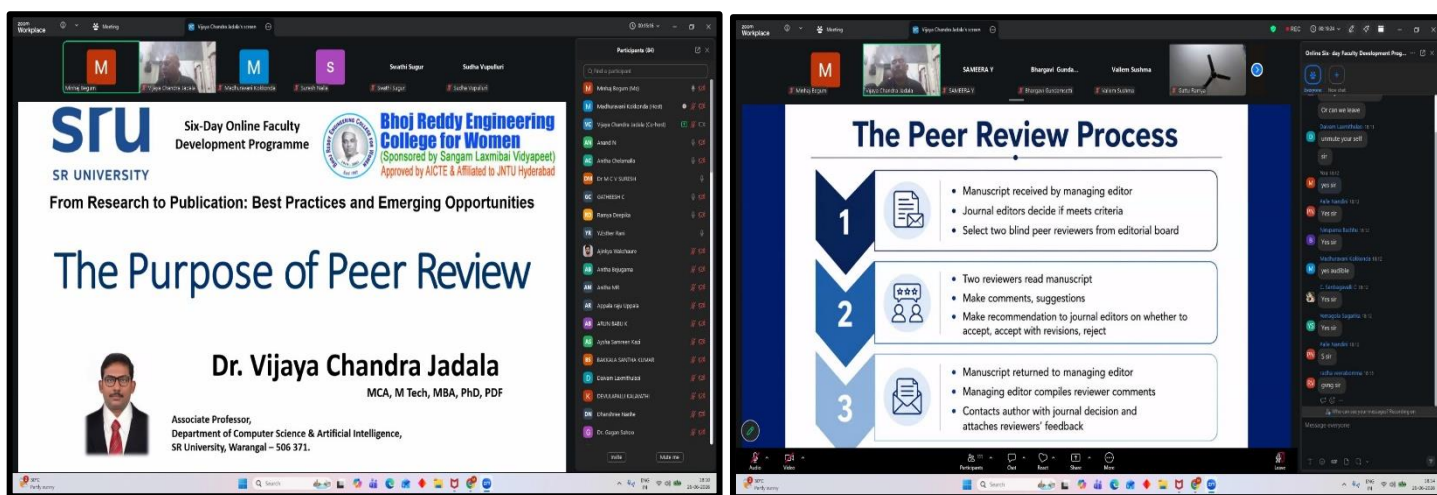


Figure 2:Day 5-Session 9 & 10- Dr Vijaya Chandra Jadala elaborating on "Peer Review Process and Handling Reviewers'

Day 6(26 June 2026) Session 11 & 12:

Topic: Research Funding and Grant Proposal Writing & Future Directions in Research and Publication

Resource Person: Dr. Srinivas Jagirdar

Associate Professor and Head, Department of Information Technology, Matrusri Engineering College, Hyderabad.

Resource Person Profile



Dr. Srinivas Jagirdar is a distinguished academician, researcher, and administrator with extensive experience in teaching, research, and academic leadership. He is currently serving as the Associate Professor and Head of the Department of Information Technology at Matrusri Engineering College, Hyderabad. Throughout his academic career, he has made significant contributions to research in Information Technology, Data Analytics, Artificial Intelligence, Cloud Computing, and Software Engineering. He has published numerous research papers in reputed national and international journals and conferences and has actively guided undergraduate, postgraduate, and research scholars. Dr. Jagirdar has also participated in several funded research projects, faculty development program, and institutional research initiatives. His expertise in research funding, proposal development, and emerging research trends has enabled many researchers to successfully undertake innovative and interdisciplinary research projects.

Session Summary

Day 6 of the Faculty Development Program featured two sessions by **Dr. Srinivas Jagirdar** on **"Research Funding and Grant Proposal Writing"** and **"Future Directions in Research and Publication."** The sessions highlighted the importance of preparing well-structured research proposals, covering essential components such as objectives, methodology, budgeting, timelines, and expected outcomes. Participants were introduced to major funding agencies, including **DST, AICTE, UGC, SERB, DRDO, ISRO, and CSIR**. The speaker also discussed emerging research trends such as **AI-assisted research, Open Science, Open Access publishing, interdisciplinary collaboration, and digital research tools**, encouraging participants to pursue innovative, ethical, and socially impactful research while enhancing their global research visibility..

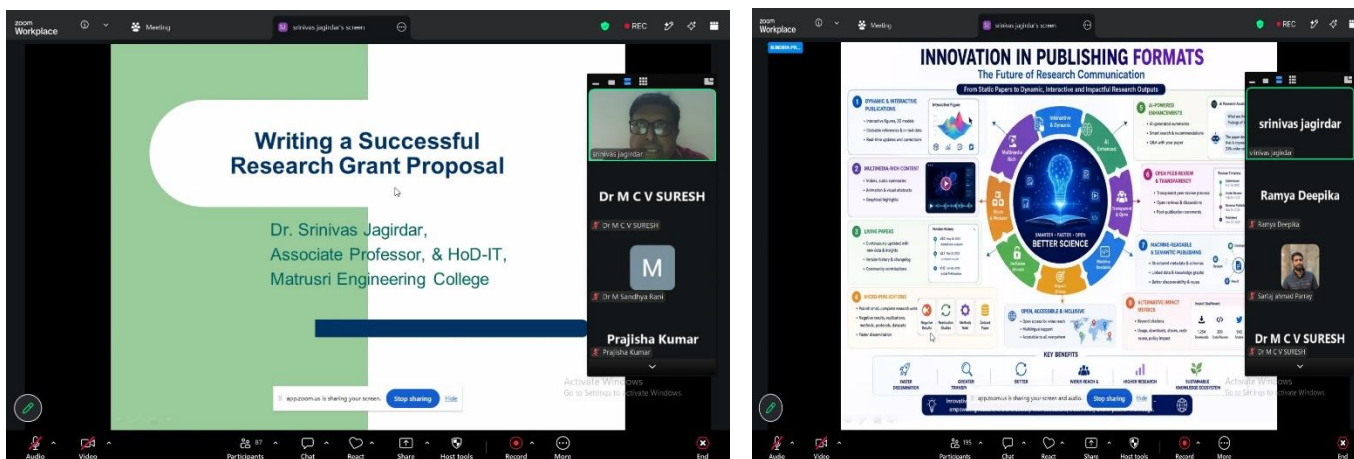


Figure 3: Day 6-Session 11 & 12- Dr J Srinivas elaborating on “Research Funding and Grant Proposal Writing & Future Directions in Research and Publication”

Valedictory Session:

The Valedictory Session marked the successful conclusion of the Six-Day Online Faculty Development Program(FDP) on "From Research to Publication: Best Practices and Emerging Opportunities," organized by the Department of Information Technology in collaboration with the R&D Cell, Bhoj Reddy Engineering College for Women, Hyderabad, from 22nd to 27th June 2026. The session brought together the organizers, resource persons, faculty members, research scholars, and participants from various institutions to reflect on the knowledge gained during the program and celebrate its successful completion. The program concluded on a highly positive note with enthusiastic participation from faculty members and researchers across the country. The valedictory session commenced with a warm welcome to all participants, followed by a brief overview of the six-day FDP. The organizers highlighted that the program was carefully designed to provide a comprehensive understanding of the entire research lifecycle, covering topics such as research ecosystem, problem identification, research methodology, literature review, scientific writing, journal selection, publication ethics, intellectual property rights, peer review, research visibility, grant proposal writing, and future trends in research and publication. Participants appreciated the well-structured schedule and the opportunity to interact with eminent academicians from reputed institutions.

Dr. M. Sandhya Rani, Head of the Department of Information Technology, addressed the gathering and congratulated all the participants for successfully completing the Faculty Development Program. She appreciated the enthusiastic participation, active interaction, and commitment shown by the faculty members and research scholars throughout the six days. She emphasized that research is a continuous learning process and encouraged participants to apply the knowledge and skills acquired during the FDP in their academic, research, and professional activities. Dr. Sandhya Rani also expressed her sincere gratitude to all the distinguished resource persons for sharing their expertise and practical insights, which significantly enriched the learning experience of the participants. She further acknowledged the unwavering support of the college management, Principal- Dr G Shyama Chandra Prasad, Vice Principal-Mr G Dayakar Reddy, the R&D Cell, the organizing committee, and all faculty members of the Department of Information Technology for their dedicated efforts in making the program a grand success.

During the session, participants shared their valuable feedback and expressed their appreciation for the quality of the technical sessions, the relevance of the topics, and the interactive discussions conducted by the resource persons. Many participants stated that the FDP enhanced their understanding of research methodology, scientific writing, publication strategies, intellectual property rights, and funding opportunities, while motivating them to pursue quality research and publish in reputed indexed journals.

The program concluded with the Vote of Thanks delivered by Ms. Minhaj Begum, Assistant Professor, Department of Information Technology. She expressed her heartfelt gratitude to the college management, Principal, Vice Principal, Head of the Department, distinguished resource persons, organizing committee members, faculty coordinators, technical support team, and all participants for their invaluable contributions and wholehearted support throughout the

program. She acknowledged the dedicated efforts of every individual involved in the successful organization of the FDP and thanked the participants for their enthusiastic involvement and active interaction in every session. She expressed confidence that the knowledge gained during the program would inspire participants to undertake high-quality research, secure funded projects, and contribute meaningfully to the advancement of science and technology.

The session concluded with a renewed commitment towards fostering a strong research culture, promoting academic excellence, and encouraging collaborative and ethical research practices. The successful completion of the FDP reflected the Department's continued dedication to empowering faculty members and researchers with the knowledge and skills required to excel in the rapidly evolving research ecosystem.

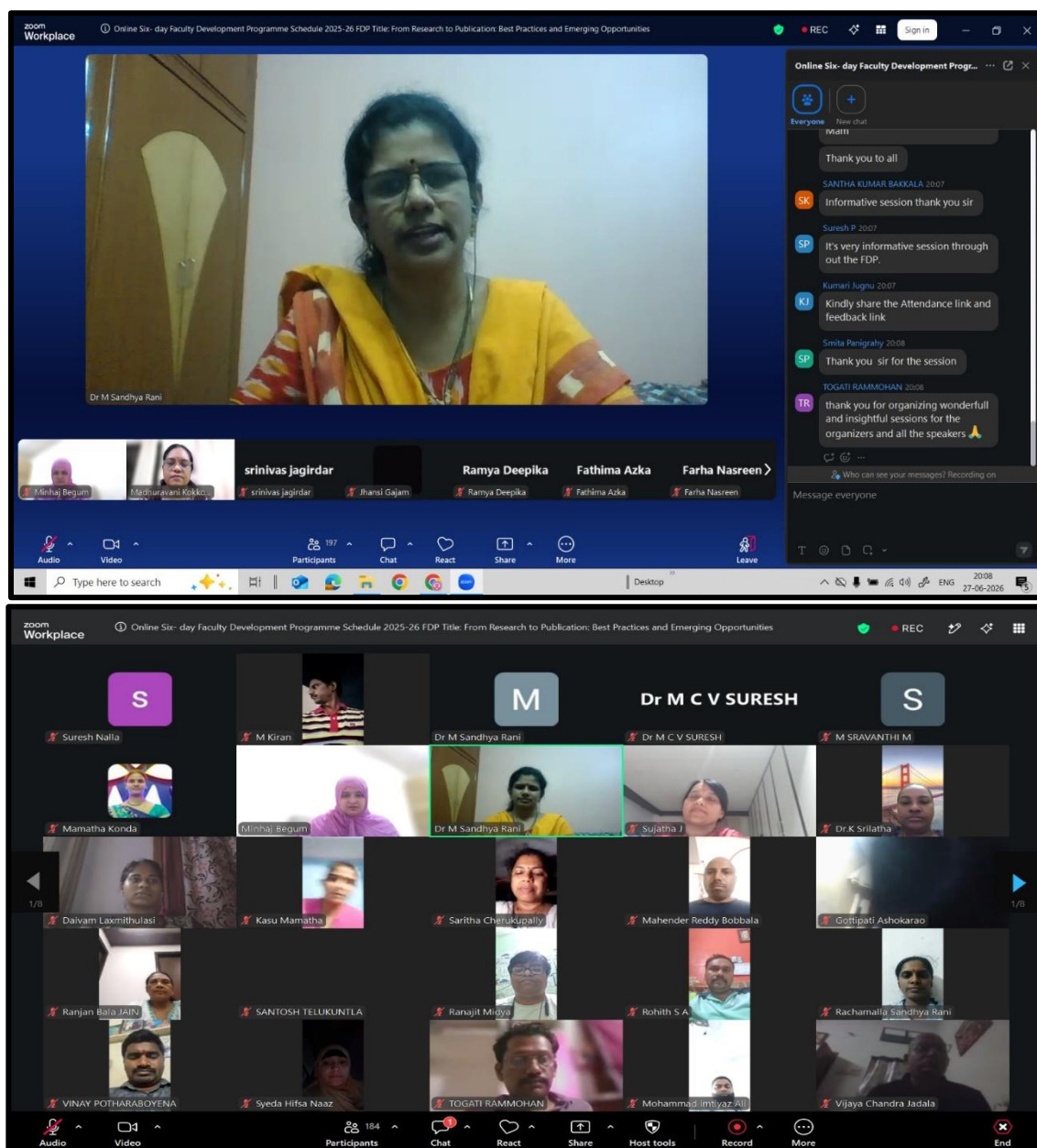


Figure 42: Photograph of all the participants



Figure 53: Internal Speaker Dr M Sandhya Rani, HoD-IT, receiving Appreciation Certificate from Dr V Sudha, Secretary-SLV and Dr K Gracy Sailasree, SLV



Figure 64: Internal Speaker Dr Dinesh Kumar, R & D Head, receiving Appreciation Certificate from Dr V Sudha, Secretary-SLV and Dr K Gracy Sailasree, Director-HR & Academics, SLV.



Figure 75: FDP Coordinator Ms K Madhuravani & Co-coordinator Ms Minhaj Begum receiving Appreciation Certificate from Dr V Sudha, Secretary-SLV and Dr K Gracy Sailasree, Director-HR & Academics, SLV.