

## MITE-KSCST IPR Cell

### Academic Year 2023-2024

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### IP Statistics

No of Patent Applications Filed	No of Patent Applications Published	No of Patent / Design Granted
39	35	6

**MITE-KSCST IPR Cell**

**Members for the Academic Year 2023-24**

The following faculty are the members of the reconstituted committee for the Academic year 2023-24

<b>S.No</b>	<b>Name and Designation</b>	<b>Role</b>
1	<b>Dr. Prashanth C M</b> Principal	Chairperson
2	<b>Dr. Ramalingam H M</b> , Sr. Assistant Professor, Dept. of Electronics & Communication Engineering	Convener
3	<b>Dr. Anand S N</b> , Professor & HoD, Dept. of Aeronautical Engineering	Member
4	<b>Mr. Ranjith H D</b> , Sr. Assistant Professor, Dept. of Electronics & Communication Engineering	Member
5	<b>Dr. Sreeja Rajesh</b> , Associate Professor, Dept. of Information Science & Engineering	Member
6	<b>Dr. Bindu Madhavi J</b> , Assistant Professor, Dept. of Mechatronics Engineering	Member
7	<b>Dr. Vignesh Nayak Ullal</b> , Sr. Assistant Professor, Dept. of Mechanical Engineering	Member
8	<b>Dr. Maryjo M George</b> , Assistant Professor, Dept of AI and ML	Member
9	<b>Dr. Rejeesh Rayaroth</b> , Associate Professor, Dept. of Computer Science & Engineering	Member
10	<b>Mr. Surjit Ram</b> , Sr. Assistant Professor, Dept. of Humanities	Member

## MITE- KSCST IPRCELL

### A one-day workshop on "Literature review & reference management tools."

**Date: 16-09-2023**

To kickstart the 2023-24 academic year's final year project work, MITE-KSCST IPR Cell, in association with NDLI-MITE and the Department of Electronics & Communication Engineering, conducted a one-day workshop on "Literature Review & Reference Management Tools" for all final year students on September 16, 2023. The resource persons for the workshop were Dr. Sri Krishna Shastri C, Associate Professor, Department of ECE, and Dr. Ramalingam H M, Senior Assistant Professor, Department of ECE. The event commenced in Auditorium-2 with an explanation of various literature resources and reference management tools for writing journal papers and project reports. This was followed by a practical session in the laboratory.



Dr.Sri Krishna Shastri Explaining about Various Sources for Literature Review

In the first session, Dr. Sri Krishna Shastri C provided an in-depth overview of the various sources of literature available to students. He emphasized the importance of utilizing these resources for their academic projects. Dr. Shastri explained how students could effectively

access a wealth of information through the college's internet facilities. He also introduced the VTU consortium, that offers access to a wide range of academic journals, papers, and databases. By demonstrating how to navigate these resources, Dr. Shastri equipped the students with the necessary skills to find and utilize high-quality literature for their research. This session aimed to enhance students' ability to conduct thorough literature reviews, ensuring they could support their projects with credible and relevant references. Dr. Shastri's guidance was instrumental in helping students understand the importance of efficient literature search strategies and the practical aspects of using institutional access to gather academic information.



## Dr.Ramalingam Explaining about citation using mendelay

Dr. Ramalingam further explained the use of Mendeley for reference management, covering everything from installation to citation management. He provided a comprehensive guide on using the Mendeley reference manager. In the afternoon session, a hands-on workshop was conducted, allowing student teams to practice using all the software tools discussed in the morning. Over 75 final year students participated and benefited from this workshop.

## MITE- KSCST IPRCELL

### Startup Ecosystem in India A Journey Through IP Awareness

**Date: 12-02-2024**

MITE-KSCST IPR Cell in association with MITE- Entrepreneurship development cell organized an interactive session on Startup Ecosystem in India: A Journey Through IP Awareness on 12<sup>th</sup> February 2024. Mr. Divyendu Verma , Managing partner & Advocate Patent & TM Attorney, Duxegis was the resource person for the event. Divyendu Verma is an Advocate and Patent & Trademark Attorney at INNOIPS – An Innovation and IP Law Firm in INDIA. In over 15+ years of experience, Adv. Verma has amassed vast experience in IP strategic advisory, patent drafting, prosecution and litigation.



Glimpse of the Event

The session began with a welcome address by Prof.Narendra U P, Director Placements, Training and industry relations. He emphasized the significance of IP awareness in fostering innovation and protecting intellectual assets in the competitive startup environment.

Mr. Verma's presentation covered a wide range of topics, including:

- Introduction to Intellectual Property (IP): Understanding the different types of IP, including patents, trademarks, copyrights, and trade secrets.
- The Role of IP in Startups: How startups can leverage IP to gain a competitive edge, attract investment, and safeguard their innovations.
- IP Strategy and Management: Best practices for developing and implementing an effective IP strategy tailored to the unique needs of startups.
- Patent Drafting and Prosecution: An overview of the patent application process, from drafting to filing and prosecution.
- IP Litigation and Enforcement: Insights into the enforcement of IP rights and the importance of protecting one's intellectual assets through legal means.



Mr. Vema addressing the audience



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Following the presentation, an interactive Q&A session was held, where attendees had the opportunity to engage directly with Mr. Verma. Participants asked a variety of questions related to IP challenges faced by startups, specific case studies, and practical tips for navigating the IP landscape. Mr. Verma's responses were insightful and provided valuable guidance to the budding entrepreneurs and innovators in the audience.

The event concluded with a vote of thanks to Mr. Verma for his enlightening presentation and to all the participants for their active involvement. The session was highly informative and received positive feedback from attendees, who appreciated the opportunity to learn from an expert in the field.



## Workshop on

# “Skilling & Upskilling Youth: Role of Research, Innovations and IPR in Engineering”

**Title:** Workshop on “Skilling & Upskilling Youth: Role of Research, Innovations and IPR in Engineering”

**Date:** 19<sup>th</sup> February 2024 – 21<sup>st</sup> February 2024

**Time:** 09:30 AM - 04:30 PM

**Venue:** Audi 2/ Department of E&CE Laboratories, Academic Block.

### About the Workshop:

The workshop aims to give the students an overview of the Research, Innovation and IPR ethics. Engaging youth in research provides substantial benefits to research about youth-related needs, concerns and interventions. The workshop will comprise live demonstrations of tools and lectures delivered by active researchers to give awareness of recent technologies and software tools like Mendeley that develop the utilization skills of Engineering students in Research.


The workshop intends to engage individuals with lived experience in research projects related to their experiences and needs to increase the quality of the research. The major focus of the workshop is the upgradation of outcome-based teaching & learning skills and research for the participants in the field of engineering. To train the student in their early stage of research, to carry out research activity using recent techniques in order to achieve a high degree of productivity. Each session is enhanced by a well-experienced resource person with extensive knowledge of Research, Innovations, and IPR. To familiarize with powerful tools for literature survey and, management skills, ethical issues, etc.



### Workshop Outcome:

The program is designed to help students learn research-based knowledge and methods, including data collection, analysis, interpretation, and synthesis of information to draw valid conclusions. The workshop offers hands-on training to the students facing specific challenges in starting the research process systematically, using modern tools and appropriate techniques and resources in engineering. The workshop aims to guide students in writing ethical principles and committing to professional ethics responsibilities and norms in engineering practice.



**The resource persons for the Three days workshop on “Skilling & Upskilling Youth: Role of Research, Innovations and IPR in Engineering” were**

	<p><b>Dr. Prabhu K</b></p> <p><b>Associate Professor</b></p> <p><b>Dept. of E&amp;CE, NITK, Surathkal.</b></p> <p>He obtained Ph.D. from National Institute of Technology (NIT) Trichy, India in the year 2015. He has more than 10 years of teaching experience and also has experience in project management, project proposals, documentation &amp; report writing, and developing and maintaining technological resources for cross-functional teams. He also has more than 59 standard journal publications and 11 conference proceedings, patents, books and book chapters. Also reviewed more than 10 standard journals as a reviewer. He is one among the Top 2% of the scientists worldwide list prepared by Elsevier and Stanford University US for the consecutive years 2019 and 2020. His world rank is 398 in the field of optoelectronics and telecommunication in 2020. Recipient of “Good Researcher” awards at VIT University Vellore for the last two consecutive years 2017 and 2016. He won many awards for his research work.</p>
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	<p><b>Dr. Ramalingam H M</b></p> <p><b>Senior Assistant Professor</b></p> <p><b>Dept. of E&amp;CE</b></p> <p><b>Convener of MITE – KSCST IPR Cell</b></p> <p>He obtained Ph.D. in Cloud, Block Chain and Wireless Sensor Networks in the year 2023. He has more than 12 years of teaching experience and 1 year of Industry experience. He also has more than 16 standard journal publications, 8 conference proceedings, and patents. And also won many awards for his research and project. He is attended as an invited speaker for many reputed universities. Recently he was the keynote address speaker in the Mangalore (National IP Yatra).</p>
	<p><b>Mr. Ranjith H D</b></p> <p><b>Senior Assistant Professor</b></p> <p><b>Dept. of E&amp;CE, MITE, Moodabidri.</b></p> <p>He has more than 8 years of teaching experience. He also has more than 10 standard journal publications, conference proceedings, and book chapters. He received an Australian Patents Grant in the year of 2020. Also completed 4 KSCST-funded projects. He is also the coordinator of MITE – KSCST IPR Cell.</p>

## Day 1: 19<sup>th</sup> February 2024

The workshop on “Skilling & Upskilling Youth: Role of Research, Innovations and IPR in Engineering” for all the fifth semester students was held on 19<sup>th</sup> February 2024 at 9.30 am in Auditorium-2. The workshop was in association with MITE – KSCST IPR Cell sponsored by ECSA, MITE, Moodabidri.



### 1<sup>st</sup> day First Session by Resource Person Dr. Prabhu K,

The workshop started with an introduction to the workshop by Dr. Rashmi Samanth. She gave brief details about the Resource person Dr. Prabhu K. The workshop commenced with the felicitation of the Resource person from the Head of the Department (In-charge) Mr. Sathisha. While warmly welcoming the gathering the introduction highlighted on importance of research methodology and Intellectual property rights in the enhancement of quality education. The session was presided over by the resource person and workshop participants.

The guest Dr. Prabhu K gave an insight by keeping in mind the dynamic change of society and the significance of the Role of Research, Innovation, and IPR as important parameters for quality and academic excellence to expose the fundamentals of scientific research methodologies, techniques and to inculcate scientific temper on all participants.

## Day 1: Session 1

The speaker started the session by giving an insight on the various prospects of preparing a Research Paper highlighting the introduction, the background, a review of literature and methodology taking note of the objectives, the techniques to be used for the collection of data, and the conclusion which covered all the components of a technical paper write up. Throughout the technical session, the participants interacted and generated enthusiastic responses from everyone.



### **Dr. Prabhu K explaining about the importance of a literature review and examples of research**

In his participant-centric presentation, he highlighted the details of constructing a questionnaire for the use of any research work. In his presentation, he further highlighted the significance of a good questionnaire and its types. He continued the lecture where he thoroughly dwelt on the importance of qualitative and quantitative data and the challenges faced by the students, researchers, and scholars in the field while collecting such types of data. In his very informative lecture, the Resource person enlightened the participants on the difference between qualitative and quantitative data. Qualitative research deals mainly with field methods which he pointed to the participants that would help the students to obtain new technical datasheets and material. Based on these materials one can build theories and test their conceptual ideas to comprehend the scientific world. On the other hand, he pointed out that Quantitative data usually involves large samples that generate numerical data, and conclusions are based on statistical analysis.

## Day 1: Session 2

A hands-on session was scheduled for the participants to learn the basics of research methodology and IPR. The resource person delivered a very informative presentation on Bibliography/Reference. He highlighted the participants the efficacies of writing a bibliography and references from different journals, books, e-journals, etc. He also stressed more on the authorship of the publications, the importance of publishing in Scopus, Web of Science, UGC care journals in the initial stage of engineering and also plagiarism etc. Taking note of the varied suggestions and tools that were given it is encouraging to note that all the participants have benefitted a lot from the program.



### **Dr. Prabhu K gives an Overview of the role of research and innovations in engineering**

In the afternoon session, online citation, and generator tools detailed steps are discussed and students explored the different citation tools. He pitched for hands-on learning for the growth of students' minds and their development of personality. The session was very active and all participants were engaged in hands-on training and gave feedback on the 1<sup>st</sup> day of the workshop.



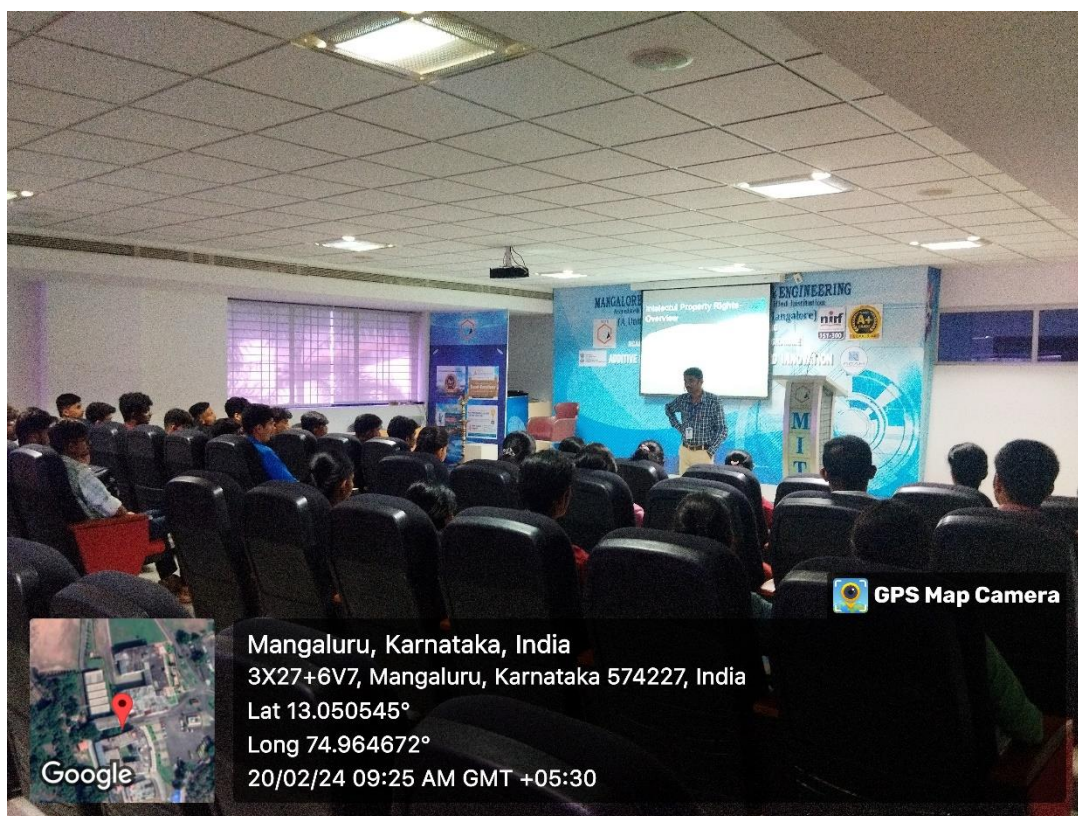
**The session then ended with a vote of thanks from Dr. V. Sandeep**



Glimpses of the workshop on Day 1

## Day 2: Session 1

On day 2 during the forenoon session, the workshop Resource person Dr. Ramalingam H M, explained the History of Intellectual Property from the beginning to the evolving phase. The objectives of the workshop were to generate awareness among the participants about the various aspects of IPR and to sensitize the participants about the role of IPR in innovation and invention.

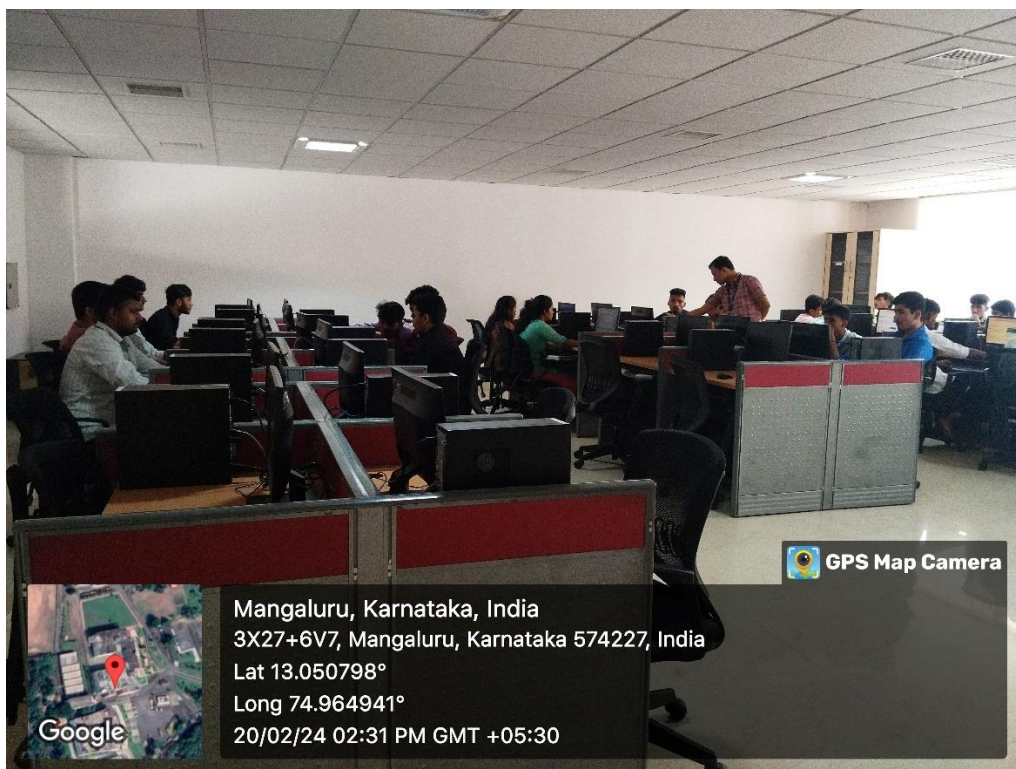


### **Dr. Ramalingam H M, Convener of MITE – KSCST IPR Cell giving an overview of IPR**

Subsequently explaining the formation of the World Intellectual Property Organization and its roles and functions i.e., IPR agreement administration, IPR Practices harmonization. Further explaining the Indian scenario of the Intellectual property system and the Office of the Controller General of Patents, Designs, and Trademarks, Department of Industrial Policy and Promotion and subsequently explaining the roles and functions of the Intellectual Property Office in India. Students also should be made aware of the different aspects of IPR infringement, such as plagiarism, and how to keep away from it.

## Day 2: Session 2

In the afternoon session speaker Mr. Ranjith H D introduced the participants about the process of filing the Patent application, Copyright application, Trademark application, Design application, and the Scheme for Facilitating Start-ups Intellectual Property Protection. The discussion session had more interactions with students and this workshop sparked the younger minds of the college.



### **Hands-on session on “Patent filling forms, Searching of patent publication” by Mr. Ranjith H D**

During the session, he discussed the fundamentals of patent laws, drafting procedures, and copyright laws, as well as the subject matters of copyrights and designs. The overall session covered the impact of professional engineering solutions and demonstrated knowledge in filing patent applications and patent-related forms. It had moderate relevance to the topic at hand.



## Day 3: Session 1

In the forenoon session, the speaker Mr. Ranjith H D took a session on “Copyrights and Related Rights”, which was very interactive. He touched upon the various aspects of Copyrights and Related Rights, their duration, fair use etc. He further demonstrated on “Patents: Importance in Research and Innovation” where she mentioned about what is patentable subject, duration, infringement etc. This session was also very interactive with the students’ asking questions about patents.



### **Dr. Ramalingam H M explains the concept of searching for patents, procedure to file a patent**

During the session, the students were given exposure to various topics related to Intellectual Property Rights (IPR) including Copyrights, Trademarks, Geographical Indications (GI) Infringements, Non-Copyright Work, and the filling and registration process for patents, copyrights, trademarks, and GI. They were also taught how to keep track of all the details after filling for patents, copyrights, and trademarks, GI and how the application is scrutinized by a professional examiner. If everything is in order, the particulars of the application are published on the official websites, and the resource person discusses the publication fee structure through online websites.

## Day 3: Session 2

The afternoon session of day three concluded with by learning how to fill the different forms of application for the registration of a patent, copyright, trademark, GI and an English translation of the non-English words has to be provided. If the applicant wishes to claim the priority from an earlier-filed application, he has to provide details like application number, filing date, country and goods/services of that application.

The Hands-on session included online exposure to the patent search, Eligibility Criteria, World Intellectual Property Organization (WIPO).

Design Search Utility (CGPDTM)

(<https://ipindiaservices.gov.in/designsearch/>).

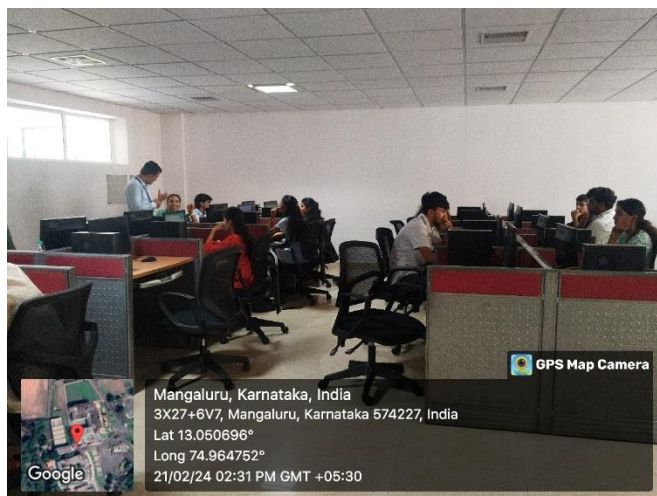
- Global Design Database (WIPO)

(<https://www3.wipo.int/designdb/en/index.jsp>).

- Hague Express Database (WIPO)

(<https://www3.wipo.int/designdb/hague/en/#>).

- Design View (EUIPO) (<https://www.tmdn.org/tmdsviewweb/welcome#/dsview>). Etc.



### **Hands-on session included online exposure to the patent search, Eligibility Criteria, World Intellectual Property Organization (WIPO).**

The three days' workshop was attended by 5<sup>th</sup> Semester students of Electronics & Communication Engineering branch. A total of 122 participants benefitted from the training sessions. The Program Coordinators Dr. Rashmi Samanth and Dr. Sandeep of the E&CE department were present during the Workshop. Participants shared their experiences with the workshop and gave overall workshop feedback.

## Outcomes:

- Program helped students learn research-based knowledge and methods, including data collection, analysis, interpretation, and synthesis of information to draw valid conclusions.
- It was helpful for a participant to get a hands-on training to the students facing specific challenges in starting the research process systematically, using modern tools and appropriate techniques and resources in engineering.
- Students were exposed to writing ethical principles and committing to professional ethics responsibilities and norms in engineering practice.
- They also familiarised with powerful tools for literature survey and, management skills, ethical issues, etc.



**Glimpses of the workshop**

## MITE-KSCST IPR CELL

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### Faculty Enablement Program on Crafting Effective Research Proposals

MITE-KSCST IPR Cell in association with RESEARCH COUNCIL- MITE and NDLI- MITE organized a three day Faculty Enablement Program on Crafting Effective Research Proposals from 22<sup>nd</sup> to 24<sup>th</sup> February 2024. Dr. M Pallikonda Rajasekaran, Director R & D, Kalasalingam Academy of Research and Education, Krishnan Koilm Tamil Nadu was the resource person for the event. Dr. M. Pallikonda Rajasekaran has served as Professor, Head of the Department, and Controller of Examinations. Currently, he is the Director of Research and Development at Kalasalingam Academy of Research and Education.

Dr. Rajasekaran's academic career includes over 100 publications with more than 2200 citations as on date. His accolades include the Young Scientist Award (2016), APJ Abdul Kalam Award for Teaching Excellence (2016), and Best Faculty in Rural Institution Award (2017). Recognized globally, he is listed among the Top 2% Scientists in the world by Stanford University. He has led seven funded projects, securing over 2 crores in grants from various agencies. Under his mentorship, 10 scholars have completed their Ph.D., with six more currently pursuing their doctorates. Outside academia, he mentors RAJ BIOELECTRONICS & INTELLIGENT (P) LTD. and consults for MLR MEDICARE, New Delhi.



Inagural Session of the program

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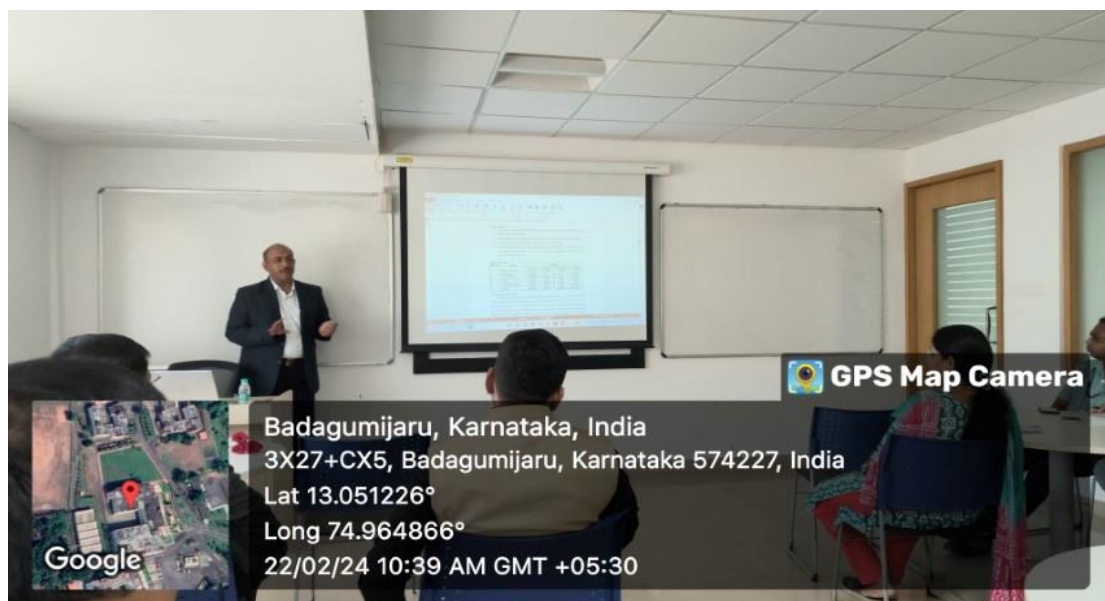
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**Date: 22-02-2024**

### **Opportunities in Research Funding**

The program commenced with an inaugural address by Dr. M. Pallikonda Rajasekaran, the esteemed Director of Research and Development at Kalasalingam Academy of Research and Education. In his opening remarks, Dr. Rajasekaran underscored the pivotal role that securing adequate funding plays in propelling research and fostering innovation. He articulated that without sufficient financial support, many groundbreaking ideas and potential advancements in various fields might remain unrealized. Dr. Rajasekaran elaborated on how funding serves as the backbone of research activities, enabling researchers to procure necessary resources, conduct extensive studies, and collaborate with experts globally. He also highlighted the institution's unwavering commitment to supporting its researchers in their quest for excellence.

Furthermore, Dr. Rajasekaran underscored the necessity of research for faculty members. He noted that research not only advances knowledge and innovation but also enhances teaching quality and professional development. Engaging in research enables faculty to stay updated with the latest advancements in their fields, contributing to their academic growth and the institution's reputation.



Dr.Rajasekaran Explaining the oppoutunities in research funding

## MITE-KSCST IPR CELL

In conclusion of the day, Dr. Rajasekaran urged all participants to actively engage in the sessions, explore new funding opportunities, and leverage the knowledge gained to advance their research endeavors. His motivational words set a positive tone for the program, inspiring attendees to pursue their research goals with renewed vigor and confidence.

**Date: 23-02-2024**

### Writing Successful Research Proposals

The second day of the program began with a review meeting of proposals submitted to various funding agencies, led by Dr. Pradeep B S, Dean- Research at MITE. He provided an in-depth analysis of the proposals, highlighting common strengths and areas for improvement.



Dr. Pradeep B S addressing the Audience

Following the review, the day's session on writing a successful research proposal commenced. Dr. Pallikonda Rajasekaran addressed the audience, presenting an example of a proposal that had successfully secured a grant. He meticulously explained the key components that contribute to a winning proposal, emphasizing the importance of clarity, originality, and

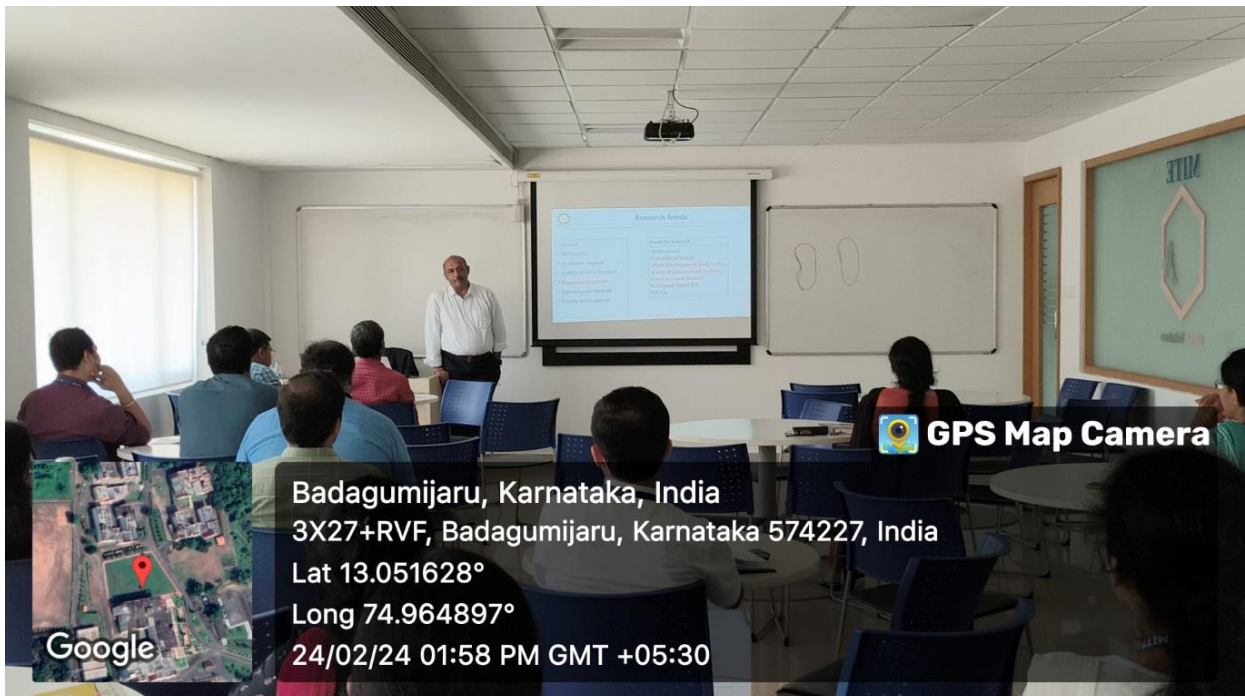
## MITE-KSCST IPR CELL

feasibility. Dr. Rajasekaran highlighted essential aspects such as clearly defining research objectives, providing a thorough literature review, detailing the methodology, and outlining the potential impact of the research. His practical insights and real-world example provided valuable guidance to attendees, equipping them with the knowledge needed to craft compelling research proposals.

**Date : 24-02-2024**

### Essential Criteria for Various Funding Organizations

The final day of the faculty enablement program focused on providing comprehensive insights into various funding agencies and their expectations. The session aimed to equip faculty members with the knowledge and skills necessary to secure research funding successfully. Dr. Rajasekaran, began by introducing the participants to a range of funding agencies, both national and international.



Glipse of the last day of the faculty enablement program



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## MITE-KSCST IPR CELL

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Further he explained the different types of project proposals that these agencies typically consider, highlighting the importance of aligning proposals with the specific priorities and criteria of each agency. Detailed discussions covered the expectations agencies have regarding the scope, significance, and potential impact of proposed projects. The speaker emphasized the need for proposals to address current challenges and contribute to advancing knowledge in their respective fields.

The session concluded with an interactive Q&A segment, giving participants the opportunity to seek clarification and further advice on specific aspects of proposal writing and funding applications. The valuable insights shared by the guest speaker left attendees better equipped to navigate the competitive landscape of research funding, ultimately enhancing their ability to secure grants and advance their research endeavors. Dr. Pradeep B S delivered the vote of thanks, expressing gratitude to the speaker and participants for their active involvement and contributions to the program's success.





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## MITE-KSCST IPR Cell

### 3 Days Workshop on Patent Searching & Drafting

The Patent Searching & Drafting Workshop, hosted by MITE-KSCST-IPR CELL in collaboration with the MITE-NDLI Club and the institute's Innovation Council, took place from May 27 to May 29, 2024. This three-day event was designed to give participants a thorough understanding of the patent drafting process through hands-on activities and real-world examples.

The workshop focused on the intricacies of patent drafting, guiding participants in crafting clear, concise, and comprehensive patent specifications. Key topics included drafting patent claims, detailing the invention, and meeting both legal and technical requirements. To enhance understanding and provide practical experience, the workshop featured hands-on exercises and case studies in patent document drafting.

The primary resource persons for the workshop were Mr. Nagarjun M G, Project Associate at KSCST, and Ms. Priyanka, Patent Agent and Project Associate at KSCST. Their extensive knowledge and expertise in intellectual property law greatly enriched the workshop's content and quality.

#### Day 1: May 27, 2024

The workshop began with an opening address by Dr. Ramalingam H M, who welcomed the participants and stressed the importance of the event. He underscored the value of acquiring skills in patent searching and drafting, emphasizing the role of practical, hands-on learning in mastering these areas. His introduction set a positive tone for the workshop, fostering an atmosphere of enthusiasm and eagerness to learn.

Following this, Dr. Maryjo M George introduced the key resource person, Mr. Nagarjun. With a strong background in mechanical engineering and extensive experience in various technical and administrative roles, Mr. Nagarjun's expertise in intellectual property law and his contributions to numerous projects and programs at the Karnataka State Council for Science and Technology (KSCST) were highlighted, establishing his credentials to lead the workshop.



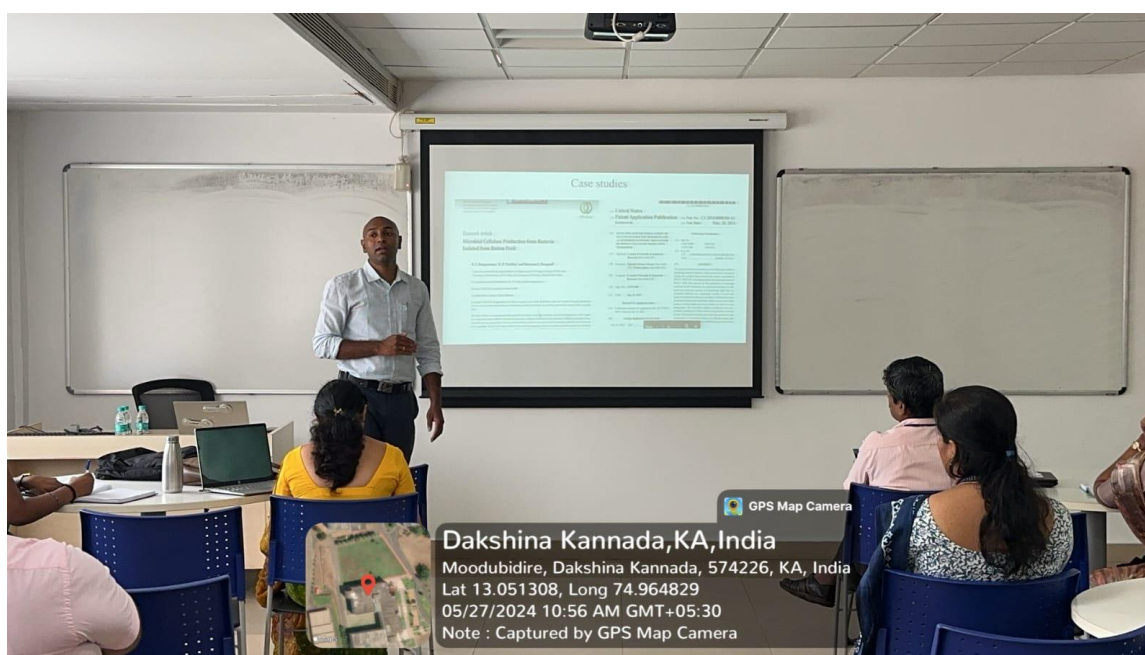
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The first session provided an overview of patent searching and drafting, aimed at giving participants a comprehensive understanding of the patent system. This session covered the importance of patents, the process of patent filing and examination, and the critical need for thorough patent searches to avoid infringement and ensure novelty. Participants were introduced to basic tools and databases used for patent searching, laying a strong foundation for the subsequent practical sessions.



*Mr. Nagarjun M G delivering his presentation at the workshop*

In the afternoon, Dr. Bindu Madhavi J introduced the resource person, Ms. Priyanka, who led a session on the basics of intellectual property (IP) law. This session aimed to familiarize participants with the fundamental aspects of IP law, including various types of intellectual property such as patents, copyrights, trademarks, and trade secrets. The session covered the legal frameworks governing intellectual property rights, key concepts and terminology, and the role of IP in fostering innovation and commercialization.

### **Day 2: May 28, 2024**

The second day of the workshop centered on the connection between IP search and drafting. The morning session, led by Ms. Priyanka, focused on how patent search results influence drafting strategies. Participants learned techniques for incorporating search findings into patent applications and examined case studies that demonstrated the impact of thorough searches on



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successful patent drafting. This session highlighted the essential link between effective searches and strong patent documents.



### *Priyanka Delivering the session on day-2*

In the afternoon, the focus shifted to drafting patent specifications, with Mr. Nagarjun leading the session. Participants were taught the key elements of drafting a patent specification, with detailed discussions covering various components, including the title, abstract, background, summary, detailed description, and claims. Best practices for writing clear and comprehensive descriptions that meet both legal and technical requirements were emphasized. The session also addressed common pitfalls in patent drafting, offering practical tips on how to avoid them.

The day concluded with a hands-on session on prior art searches. Participants were introduced to various patent databases and search tools and learned techniques for conducting effective prior art searches. Through practical exercises based on real-world scenarios, participants gained hands-on experience in searching for prior art, analyzing, and interpreting search results. This practical session reinforced the theoretical knowledge gained earlier in the day.



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### Day 3: May 29, 2024

The final day of the workshop began with a session on drafting patent claims, focusing on teaching participants how to draft robust and defensible claims. They learned about various types of claims, including independent, dependent, method, and apparatus claims. The session covered strategies for crafting claims that are both broad and specific, legal considerations in claim drafting, and examples of well-drafted and poorly-drafted claims. This session equipped participants with the skills needed to create strong patent claims that effectively protect their inventions.



*Participants of the workshop*

Following this, participants were introduced to the various forms and documentation required for patent applications. This session provided an overview of the different forms used in the patent filing process, along with detailed guidance on how to accurately complete each one. Emphasis was placed on the importance of adhering to procedural requirements and ensuring the accuracy of documentation.

The workshop concluded with a recap of key takeaways and a Q&A session, allowing participants to clarify any remaining doubts and solidify their understanding. Overall, the



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### MITE-KSCST IPR Cell

Patent Searching & Drafting Workshop successfully enhanced participants' skills in patent searching and drafting, equipping them with the knowledge and confidence to navigate the complexities of intellectual property law. The collaborative efforts of MITE, KSCST, and the experienced resource persons ensured a valuable and enriching learning experience for all attendees



*Photo of participants along with the resource persons*