



**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**

(A Unit of Rajalaxmi Education Trust ® Mangalore)

Autonomous Institute affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

Accredited by NAAC with A+ Grade & ISO 9001:2015 Certified Institution

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# **MITE LIBRARY ADVISORY COMMITTEE**

## **REPORT – 2024-25**

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## RESOURCES

MITE Library is rich in resources that are needed for superior education and research activities at the Institute. It has been the policy of the Library to procure resources beyond the syllabus requirement, to provide the best access to its users. The Following statistics depict the recourses available in the Library.

### 1) Details of Text Books available as on 31<sup>st</sup> March 2025

Sl. No.	Department	No of Titles Added 2024-25	No of Volumes Added 2024-25	TOTAL Titles	TOTAL Volumes
1	AIML,CSAIML,CS-IOT, Computer Science Engineering, (UG,PG)	151	687	1,273	5,626
2	Information Science	12	58	475	1,902
3	Mechanical Engineering	17	51	801	4,090
4	Mechatronics Engineering	17	85	191	760
5	Electronics & Communications Eng.	61	230	1,020	5,121
6	Aeronautical Engineering	00	00	188	768
7	Civil Engineering	05	13	341	2,623
8	Electrical	00	00	134	748
9	Biology	00	00	6	27
10	Chemistry	00	00	89	724
11	Physics	00	00	90	819
12	Mathematics	05	29	267	2,244
13	Environmental Science	01	03	26	169
14	Kannada	02	02	14	65
15	English	00	00	24	174
16	Constitution of India Professional Ethics	00	00	24	168
17	Management	36	109	1,539	4,863
18	General Books	09	10	225	549
19	MCA	23	151	249	853
	Total	288	1,428	6,378	32,293

During the Academic Year 2024-25, 288 Titles & 1,428 Volumes added.

## 2) E-Resources:

Apart from the huge physical book resources the library has abundant e-resources, which comprises of subscription from VTU consortium and resources from National Digital Library.

Sl. No.	Information Resources	Quantity
1	e-Books for Engineering & Management	1,31,514+ (Through VTU Consortium)
2	e-Journals for Engineering & Management	27,429+(Through VTU Consortium)
3	Knimbus – cloud server along with universal Federation search services Remote Access Solution+mLibrary mobile App	Searchable database of (eBooks/eJournals , IEEE Annual Proceedings-1,800+ 1,50,000+Moc Courses including NPTEL and MIT Courses – 5,000+ (Through VTU Consortium)
4	Quiklrm : Language Communication Lab	Students' listening, speaking, reading, and writing Skills, with added grammar and vocabulary support.(Through VTU Consortium)
5	IEEE Blended e-learning Platform	Latest Technology e-Learning courses through VTU Consortium
6	Back Volume Journals	587
7	Printed Journals(2023-24)	122

**a) The VTU Consortium 2024-25 e-Resources subscription is as follows:**

## VTU Consortim Membership

Publishers	Access Link From Publishers	No.of e-Resources
Elsevier Science Direct -	<a href="https://www.sciencedirect.com">https://www.sciencedirect.com</a>	327 Journals
Springer Nature	<a href="https://link.springer.com">https://link.springer.com</a>	689 Journals
Taylor & Francis	<a href="https://www.tandfonline.com">https://www.tandfonline.com</a>	4,950 e-Books
Emerald	<a href="https://www.emeraldinsight.com/">https://www.emeraldinsight.com/</a>	212 Journals
IEEE ASPP & POP ALL	<a href="https://ieeexplore.ieee.org">https://ieeexplore.ieee.org</a>	201 Journals
New AgeInternational	<a href="https://digital.elib4u.com/">https://digital.elib4u.com/</a>	220 e-Books
EBSCO Engineering Suite	<a href="https://search.ebscohost.com">https://search.ebscohost.com</a>	6,100 Journals 24,015 e Books
Eduport Global-CBS	<a href="https://eduport-global.com">https://eduport-global.com</a>	174 e-Books
BSP E-Books	<a href="https://ebookstore.bspublications.net/auth/ip">https://ebookstore.bspublications.net/auth/ip</a>	141 e-Books
Cengage Learning	<a href="https://cengageindiaelibrary.ipublishcentral.net/">https://cengageindiaelibrary.ipublishcentral.net/</a>	69 e-Books
Cambridge University Press	<a href="https://www.cambridge.org/core/">https://www.cambridge.org/core/</a>	58 e-Books
Mint Books	<a href="https://mite.mintbook.in/">https://mite.mintbook.in/</a>	1,360 e-Books
Quiklrn	<a href="https://quiklrn.com/app.php">https://quiklrn.com/app.php</a>	91 e-Books
IEEE Blended e learning Platform	<a href="https://blended-learning.ieee.org/Portal/Organization/IP/VTU127">https://blended-learning.ieee.org/Portal/Organization/IP/VTU127</a>	60 Vedio Courses
Drillbit:	Drillbit- plagiarism detection software <a href="http://www.drillbitplagiarismcheck.com/">www.drillbitplagiarismcheck.com/</a>	
KNIMBUS Access	It's a search engine of all VTU E Resources Database Cloud server along with Universal Fedaration search sevices Remote Access Solution + mLibrary mobile app <a href="https://www.knimbus.com/">https://www.knimbus.com/</a>	E-Books: 1,00,000+ Journals 15,000 Videos 1,50,000 Moc Courses Including NPTEL and MIT courses: 5000+



## **b) E Resources through NATIONAL DIGITAL LIBRARY:**

MITE has been a member of National Digital Library (NDL) since 2017. And also the member of NDLI Club with the registration number INKANC4NTWKGQ5U

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but also provides a host of services for the learner community. Services for Researchers and general learners are also provided.

NDL Resources for Engineering: This contains lectures videos and notes of NPTEL/SWAYAM courses, presentations used by faculties in classes, online class lecture, questions/solutions of common subjects for students of all engineering discipline.

NDL Resources for Management: This contains management and accounting questions and solutions, video lectures and some books, notes, articles and thesis relevant for accounting, commerce and management students.

## BUDGET & EXPENDITURES

The Budget allocated for library during the academic year 2024-25 was 43 Lakhs and was utilized for the purchase of books, subscription of National Journals, Technical Magazines and VTU Consortium e-Resource payment, which accounted for Rs. 48,15,716.00 Newspaper and Magazine subscription costed Rs.49,631.00

The additional expenses incurred due to the revision in the scheme and syllabus in the Autonomous as well as VTU. As per our requisition, the additional expenses were provided by the mangament.

### Expenditures During the year 2024-25

(From April 1<sup>st</sup> 2024 to 31<sup>st</sup> March 2025)

Year	Books Expenses	E -Journals & Other Expenses	Total Expenses
2024-25	10,50,635.00	37,65,081.00 (National Journals + eJournals)	<b>Rs. 48,15,716.00</b>

### Library Newspapers & Magazines expenses Details 2024-25

Year	Newspaper Magazines Expenses
2024-25	<b>Rs. 49,631.00</b>

## Library Advisory Committee

The following are the members of the reconstituted committee for the Academic Year 2024-25

<b>Chairperson</b>	Dr. Prashanth C M, Principal
<b>Convener</b>	Mr. Santhosh Kumar T.V., Librarian
<b>Members</b>	Mr. Annappa Swamy, Associate Professor, Dept. of CS&E
	Dr. Shruthi Dinesh Assistant Professor , Dept. of E&CE
	Dr..Sujesh Kumar, Senior Assistant Professor , Dept. of AE
	Dr. Kiran Kumar M.V., Senior Assistant Professor Dept. of MTR
	Dr. <b>Amith Donald Menezes</b> , Associate Professor Dept. of MBA
	<b>Dr. Raghavendra Sagar</b> , Associate Professor, & Head Dept of
	<b>Mr. Amruth Ashok</b> Assistant Professor Dept. of AIML
	Mrs. Amrutha Bhat, Assistant Professor Dept of CS&E
	Mrs. Radha E G., Assistant Professor Dept of AIML
	Mrs. Sonia Peal K P., Assistant Professor Dept of CSE(IoT)
	Mrs. Shwetha V Bhat, Assistant Professor Dept of MCA



## Proceedings of the Library Advisory Committee Meetings

### Meeting I

The first meeting of the Library Advisory Committee for the Academic year 2024-25 was held on 14/06/2024 at 12:30 pm, Ground Floor Library Discussion Room.

#### Agenda:

- 1) Approval for purchase of Books, Special Books/Rare Books, Journals & Other materials for the library and information about funds allocation
- 2) Conduction of User Awareness Programme and workshops
- 3) Better utilization of Library resources

#### Approval of Library requirements of Books, Special Books/Rare Books, Journals & Other materials:

The Committee reviewed the book requirements received by all the departments, and approved the same for procurement. The Librarian was assigned the responsibility to call for competitive quotations and prepare comparative statements from different publishers and place the order based on better offers.

#### Conduction of awareness programmes & Workshop

Discussion about the organizing FDP on “Writing Effective R&D Project proposal” by Dr. P R Hariharan, DSIR Min of Science & Technology on June 20 to 22, 2024 in association with Research Council. And discussion about conducting a two-day workshop on “Empowering with Software Engineering Tools & Practices” by Mr. Shivaprakash Rao, IT Consultant Project Manager, and Dr. Mohit P. Tahlani, Associate Professor, NITK, On June 21 to 22, 2024 in association with Information and Science. and also discussion about two days workshop on Electrical and Electronic utility Engineering towards Renewable and Sustainable energy – An Industrial perspective” by Mr. Sudharshan kIni, Managing Director, Sustainable Earth India Pvt Ltd., New Delhi. On 1<sup>st</sup> and 2<sup>nd</sup> July 2024 in association with the Department of Electronics and Communication Engineering.

#### Better utilization of the resources available in the library

Library Committee was informed to create awareness to the students about the books, journals, magazines and online journals. Also, they were informed to create awareness about the availability of the previous year's University question papers. The committee decided to arrange workshops and webinars about usage of e resources. Committee Members should also discuss with students for any issues related to the Library and bring it to the notice of the Librarian for improvement

## Meeting II

The Second meeting of the Library Advisory Committee for the Academic year 2024-25 was held on 26/11/2024 at 12:30 pm, Ground Floor Library Discussion Room.

### Agenda:

- 1) Review of purchase details.
- 2) Renewing the membership of VTU Consortium towards the subscription of e –Resources.
- 3) Conduction of awareness Programs
- 4) NDLI Club Membership renewal
- 4) Better Utilization of Budget

### Review of purchase details.

The library advisory committee revived the books purchased for the semester. The New books are given accession numbers and details fed into library database, which is made available for circulation for the users.

### Renewing the membership of VTU Consortium towards the subscription of e –Resources.

The Committee had a discussion on the renewal of VTU Consortium membership, e-Resources Subscription and conducting awareness program on remote access & webinars. It was decided to continue the Membership and the Librarian was informed to process the same immediately. Also, the decision was taken on the purchase of required books, based on the requirements received from different Departments. The Librarian was assigned the responsibility to call for Competitive quotations and prepare comparative statements from different publishers and place the order based on better offers.

### Conduction of awareness program

.Discussed a one-day program in association with IPR Cell on career opportunities in IP for STEMM graduates on September 9, 2024 by Advocate Divyandu Varma, and also discussed issuing Library books for UG and PG students.

### Renewal of NDLI Club Membership

Discussed renewing NDLI Club membership and applying for a membership extension certificate.

### Better utilization of Budget

During the year 2024-25, MITE Library had a budgetary allocation of 43 Lakhs, of which Rs. 48,15,716.00 was utilized for the purchase of books, subscription to National Journals, Technical Magazine, and VTU Consortium e Resource payment. Rs.49,631.00 for newspapers and magazines. Which exceeded the allotted budget and this excess amount was paid by our management.

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## WEB ACCESS: REMOTE ACCESS

MITE Library has provided remote access to the resources wherein users can access literature from any location at any time of the day. User credentials are provided to the users across the Institute to utilize this facility. Awareness training programs are also conducted for the ease of users on web access which is well appreciated, our e-access system was of immense help to the institute and all the users, and it was further strengthened with multiple webinars.

## USER EDUCATIONAL WEBINARS

During the year 2024-25, as a part of VTU Consortium, User awareness sessions on remote usage of library resources was conducted for the benefit of Library users through Webinars. These webinars were conducted by the consortium through the publishers which had sessions covering various topics of How to publish, Essentials of being a peer reviewer VTU Consortium Drillbit Paguarusm using training session, Use of Stories in Management Education, Endnote Training, Boost your productivity, Web of Science Training & Certification Program, how to Access the High- Impact Research, Computer Society Talks, How to increase research output using digital resources, All VTU Consortium e Resources awareness sessions Remote access of resources and various aspects of general interest to users were also part of the Webinars. The Faculty who attended these webinars has also been provided with certificates through the Publishers. Some of the webinars organized are as follows:

Sl. No	Date	Webinar	Resources Persons	Associated with	Stakeholders
01	Date:18.04.24 Time:2.00pm to 3.00 pm	VTU Consortium and KNIMBUS DIGITAL LIBRARY is organizing a Training & Awareness Series	Manikandan Jayakrishnan Manager, Training Knimbus	VTU Consortium and Knimbus	Faculty & Student
02	Date:21st June 2024 Time: 12.00pm - 13:30 pm IST	Engineering for Sustainable Development'	Prof. D. N. Singh distinguished Professor at the Department of Civil Engineering at the Indian Institute of Technology (IIT) Bombay,	VTU Consortium and Emerald Publishing	Faculty & Student



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03	Date: Sat. July 20, 2024. Time: 2:00 pm to 6:00 pm.	ACM INDIA presents "ACM India Professional Chapters' Virtual Summit"	Professor Jayant, Haritsa, faculty of CDS and CSA at IISc Bangalore & Dr Harrick Vin is the Chief Technology Officer for Tata Consultancy Services (TCS).	VTU Consortium and ACM	Faculty & Student
04	Date: Sat. July 20, 2024. Time: 2:00 pm to 6:00 pm.	Virtual Summit on "Future of Computing"	Professor Jayant Haritsa, faculty of CDS and CSA at IISc Bangalore & Dr Harrick Vin is the Chief Technology Officer for Tata Consultancy Services (TCS).	ACM India	Faculty & Student
05	Tuesday 23rd July: 10:00AM	Webinar on "Mastering sustainable collection development"	<b>Professor David Baker</b> Principal and Chief Executive of Plymouth Marjon University, and as Deputy Chair of the UK's Joint Information Systems Committee (Jisc).	VTU Consortium and Elsevier Science Direct	Faculty & Student
06	Jul 30 at 11 AM	"Accelerate your research with EndNote 21"	Vishav Sharma , Senior Customer Success Manager with Clarivate	Clarivate	Faculty & Student
07	4 <sup>th</sup> September 2024 , 4.30 pm	Webinar Live Event: IEEE Authorship and Open Access Symposium	Dr. Derek Abbott, IEEE Access editor in Chief, University of Adelaide, Australia Dhanu Pattanashetti , IEEE India	VTU Consortium and IEEE EBSCO India	Faculty & Student
08	September 19, 2024 at 3:00 pm.	Webinar on "Advance your Research Skills Today."	Wiley Research Academy	VTU Consortium and <b>Wiley</b>	Faculty & Student
09	September 30, 2024 at 11:30 AM - 12:00 PM	Webinar on "Redefine Your Literature Review with Newly Launched AI Powered ProQuest Research Assistant."	Sanjay Rajan Sr. Customer Success & Training Manager - APAC Clarivate	VTU Consortium and <b>ProQuest</b>	Faculty & Student



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10	21st Oct 2024 at 6.30 pm IST	"Personal Cybersecurity and Best Practices"	Dr. K. Vallidevi, Associate Prof., School of CSE, VIT, Chennai	IEEE Computer Society, Madras Computer Society of India, Chennai Association for Computing Machinery,	Faculty & Student
11	25th Oct 2024 at 3 pm IST	Webinar on " GenAI in Cyber security: Leveraging and Securing the Future of AI".	National Center of Excellence (NCoE) for Cyber Security Technology and Product Entrepreneurship,	National Center of Excellence (NCoE) for Cyber Security Technology and Product Entrepreneurship,	Faculty & Student
12	19th February at 3:00 PM.	Webinar on Scientific Writing and Publishing	Swati Meherishi, Editorial Director – Applied Science and Engineering Springer Nature	Springer Nature, in association with the VTU Consortium,	Faculty & Student

## **User awareness Programmes**

The Library is an integral part of any educational and research Institution. A good and vibrant Library can keep the spirit of education alive. MITE-LIBRARY, under the guidance of the Library Advisory Committee takes an active part in organizing activities such as user awareness webinars, talks, workshops, Seminars, Book Talks, Books Exhibitions for the faculty and students in order to update them with the latest trends in the field of education and research.

The recently joined first year students were given a guided tour of the library in order to get acquainted and familiarized with the resources and services available within the Library. The students were also briefed about the library resources and the procedures to be followed avail the books.

MITE Library organises User awareness Training sessions whenever a new product, service or facility is introduced as a part of Library resources. Additionally, a few programs of general interest for the student and faculty of MITE are also conducted to create a better academic-research atmosphere in the campus. A glimpse of some of the User awareness and general programs Conducted by MITE–Library are as follow



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## MITE-NDLI CLUB

### ThreeDays Workshop on Patent Searching & Drafting

By

Mr. Nagarjun M G, Project Associate at KSCST,

Ms. Priyanka, Patent Agent and Project Associate at KSCST

**Date: 27- 29 May 2024**

The Patent Searching & Drafting Workshop, organized by MITE-KSCST-IPR CELL in association with NDLI-MITE and the institute's Innovation Council, was held from May 27 to May 29, 2024. This three-day event aimed to provide participants with a comprehensive understanding of the patent drafting process through practical exercises and real-life examples.

#### Workshop Overview

Hosted by the Mangalore Institute of Technology & Engineering (MITE) in Moodbidri, the workshop delved into the art of patent drafting, teaching participants how to write clear, concise, and comprehensive patent specifications. Topics covered included drafting patent claims, describing the invention in detail, and addressing legal and technical requirements. Practical exercises and case studies were incorporated to reinforce learning and provide hands-on experience in drafting patent documents.

#### Resource Persons

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 experience and expertise in intellectual property law significantly contributed to the depth and quality of the workshop.

#### Day 1: May 27, 2024

The workshop commenced with an opening address by Dr. Ramalingam H M, who welcomed the participants and emphasized the significance of the event. He highlighted the importance of acquiring skills in patent searching and drafting and the value of practical, hands-on learning in this field. This introduction set a positive tone for the workshop, creating an atmosphere of enthusiasm and readiness to learn.

Dr. Maryjo M George then introduced the key resource person, Mr. Nagarjun. With an extensive background in mechanical engineering and significant experience in various technical and administrative roles, Mr Nagarjun's expertise in intellectual property law and his contributions to several projects and programs at the Karnataka State Council for Science and Technology (KSCST) was underscored, highlighting his credentials to lead the workshop.



The first session provided an overview of patent searching and drafting, aimed at giving participants a broad understanding of the patent system. This session covered the importance of patents, the process of patent filing and examination, and the necessity of conducting 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 practical sessions to follow.

In the afternoon, Dr. Bindu Madhavi J introduced the resource person, Ms. Priyanka. Ms. Priyanka conducted a session on the basics of intellectual property (IP) law. This session aimed to familiarize participants with the fundamental aspects of IP law, including the different 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 focused on the interface between IP search and drafting. The morning session, led by Ms. Priyanka, explained how patent search results influence drafting strategies. Participants learned techniques for integrating search findings into patent applications and analysed case studies demonstrating the impact of thorough searches on successful patent drafting. This session emphasized the critical connection between effective searches and robust patent documents.

Later in the day, the focus shifted to drafting and patent specification, led by Mr. Nagarjun. This session aimed to teach participants the critical elements of drafting a patent specification. Detailed discussions covered the various components of a patent specification, including the title, abstract, background, summary, detailed description, and claims. Participants were guided on best practices for writing clear and comprehensive descriptions that meet both legal and technical requirements. Common pitfalls in patent drafting were also discussed, with 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 were taught techniques for conducting effective prior art searches. Through practical exercises involving real-world scenarios, participants gained hands-on experience in searching for prior art and analysing and interpreting search results. This practical session reinforced the theoretical knowledge gained earlier in the day.

## **Day 3: May 29, 2024**

The final day of the workshop began with a session on drafting patent claims, aimed at teaching the art of drafting robust and defensible claims. Participants learned about the different types of claims, including independent, dependent, method, and apparatus claims. The session covered strategies for drafting claims that are broad yet specific, legal considerations in claim drafting, and examples of well-drafted and poorly-drafted claims.



This session equipped participants with the skills to draft strong patent claims that protect their inventions effectively.

Following this, participants were familiarized with the various forms and documentation required for patent applications. This session provided an overview of the different forms used in the patent filing process, with detailed guidance on how to complete each form accurately. The importance of adhering to procedural requirements and ensuring the correctness of documentation was emphasized.

The workshop concluded with a recap of key learnings and a Q&A session, providing participants an opportunity to clarify any doubts and reinforce their understanding. Overall, the Patent Searching & Drafting Workshop successfully enhanced participants' skills in patent searching and drafting, providing 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 learning experience for all attendees.

## Conclusion

The Patent Searching & Drafting Workshop successfully enhanced the participants' skills in patent drafting and searching. The collaborative efforts of MITE, KSCST, and the experienced resource persons provided a valuable learning experience, equipping participants with the knowledge and confidence to excel in the field of intellectual property law.



Resource person Mr. Nagarjun M G, Project Associate at KSCST, insights to participants



## Resource person Ms. Priyanka, Patent Agent and Project Associate at KSCST, insights to participants

### CHIEF PATRON

Mr. Rajesh Chouda  
Chairman, MITE, Moodubidri

### PATRON

Dr. Prashanth C M  
Principal, MITE, Moodubidri

### COORDINATOR

Dr. Ramalingam H M  
Sp. Asst. Professor, Dept. of ECE,  
Convener MITE-KSCST-IPR Cell

### ORGANIZING COMMITTEE

Dr. Anand S N  
Dr. Vignesh Nayak Ullal  
Dr. Sreeja Rajesh  
Dr. Bindu Madhavi J  
Dr. Maryjo M George  
Dr. Rajeshwar Rayaroth  
Mr. Ranjith H D

### RESOURCE PERSONS

1. Mr. Nagarjun M G  
Project Associate, KSCST



2. Ms. Priyanka  
Patent Agent and Project Associate  
KSCST



### REGISTRATION

All participants are requested to fill the registration form in the following online registration link on or before 24-5-2024

Registration Link : <https://forms.gle/MIMZnBoSxx2ESU22>



## Three days Workshop on Patent Searching & Drafting

27 - 29 MAY 2024

Organized by

MITE-KSCST-IPR CELL

In Association with



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)



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Mijer, Moodubidri-574225, Mangalore Taluk, D.K. Dist., Karnataka, INDIA

### ABOUT MITE

Mangalore Institute of Technology & Engineering, Moodubidri is a leading Engineering & Management Institution in the region, established in the year 2007 by the Rajalaxmi Education Trust under the leadership of the Visionary Mr. Rajesh Chouda. The Institute is accredited by NAAC with A+ Grade, offers 10 Undergraduate programs, among which 6 are NBA accredited, 3 Post Graduate and 7 research programs in its beautiful serene green campus. The Institute is placed in highest category platinum ranking in AICTE-CII survey 2020 of industry linked technical institutes in India and ranked in Band - Excellent in the private institute category under Aal Ranking of Institutions on Innovation Achievements (AIIA) during the year 2020 and 2021 respectively. The Institute known for its high academic standards, has registered 29 University B.A. over the last 5 years as a reference to the quality teaching learning pedagogy. MITE has collaborations with industries of repute. The industry-standard Incubation Centre is supported by the Government of Karnataka and MSME, Government of India to support budding entrepreneurs. MITE was awarded as the "Best Performing College of the Year 2019-20" by KSCST & the students have received several Top Awards at National and State Level events. With an intent to shape globally competent graduates, MITE has established a campus that would aid students to manifest their true selves by promoting effective learning, and creativity, to ensure that they become formidable individuals in "INVENT SOLUTIONS".

### VISION

"To attain perfection in providing Globally Competitive Quality Education to all our Students and also benefit the global community by using our strength in Research and Development"

### MISSION

"To establish world class educational institutions in their respective domains, which shall be centers of excellence in their State and implied sense. To achieve this objective we dedicate ourselves to meet the Challenges of becoming Visionary and Realistic, Sensitive and Demanding, Innovative and Practical and Theoretical and Pragmatic; All at the same time"

### ABOUT THE WORK SHOP

The workshop delves into the art of patent drafting, teaching participants how to write clear, concise, and comprehensive patent specifications. Topics covered include drafting patent claims, describing the invention in detail, and addressing legal and technical requirements. Practical exercises and case studies are often incorporated to reinforce learning and provide hands-on experience in drafting patent documents.

### PROGRAM SCHEDULE

#### Day -1 : 27 May 2024

- Interface of IP search and drafting
- Drafting and patent specification

#### Day -2 : 28 May 2023

- Drafting the claims for patent specification
- Hands on session on Prior art searches

#### Day -3 : 29 May 2023

- Various Forms for Patent application
- Patent Drafting Hands on

### OUTCOME THE WORKSHOP

By the end of the workshop, participants come away with a deeper understanding of the patenting process, improved proficiency in patent searching and drafting, and the confidence to navigate the intricacies of intellectual property law



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## MITE-NDLI CLUB

### Faculty Development Program on Writing Effective R&D Project Proposals

**By:** Dr. P.R. Hariharan, Department of Scientific & Industrial Research (DSIR)

**Date:** June 20 – 22, 2024

A Three-day Faculty Development Program on "Funding schemes of Government Scientific departments and writing effective R&D project proposals" organized by MITE-Research Council and MITE NDLI CLUB from 20<sup>th</sup> to 22<sup>nd</sup> June, 2024 was a focused initiative aimed at empowering faculty members with the skills and knowledge to craft compelling project proposals and secure funding from government scientific departments and agencies. The program, guided by Dr. Hariharan, provided in-depth understandings into cutting-edge research areas such as EV Autonomous Technologies, Green Computing, and Quantum Technology. Participants explored these emerging domains, gaining a thorough understanding of current trends, challenges, and potential opportunities in these fields.

Throughout the program, faculty members enhanced their proposal writing skills and received personalized feedback on their research projects. The FDP fostered interdisciplinary collaboration, formation of domain experts' groups, aligning research activities with institutional goals, and promoted a culture of research excellence at MITE. By delving into comprehensive government funding schemes and mastering the art of proposal development, participants were well-equipped to advance their research and development initiatives effectively.





**MITE-Research Council  
presents**



## **FDP on Writing Effective R&D Project Proposal**



by  
**Dr. P R Hariharan**  
DSIR  
Min of Sc & Technology

**June 20 - 22, 2024**



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# MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(A Unit of Rajalaxmi Education Trust ® Mangalore)

Autonomous Institute affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

Accredited by NAAC with A+ Grade & ISO 9001:2015 Certified Institution

## MITE-NDLI CLUB

### **Two Days Workshop on “Empowering with Software Engineering Tools & Practices”**

**By**

**Mr. Shivaprakash Rao, IT Consultant, Project Manager, Enterprise Automation Platform**

**Dr. Mohit P. Tahlilani, Associate Professor, Dept. of Computer Science and  
Engineering, NITK, Surathkal**

**Date: 21/06/2024 to 22/06/2024**

The Department of Information Science and Engineering, in collaboration with the MITE NDLI Club, organized a two-day technical workshop followed by a project exhibition, aimed at enhancing students' practical knowledge in modern software engineering methodologies and API usage.

#### ***Day 1: Software Engineering Tools & Practices***

The inaugural session on June 21, 2024, was led by Mr. Shivaprakash Rao, IT Consultant and Project Manager with over 25 years of global consulting experience. He provided valuable insights into the evolution of software engineering, beginning with traditional methodologies such as the Waterfall model, highlighting its structured phases and limitations. He then introduced Agile methodologies like Scrum and Kanban, emphasizing flexibility, iterative development, and customer collaboration.

Mr. Rao also familiarized students with industry-standard tools like Jira and Mural, offering hands-on activities to plan sprints, manage backlogs, and create user stories. The interactive session allowed students to directly experience how Agile practices are applied in real-world projects.

The afternoon featured a Software Engineering Project Exhibition by 6th-semester students, where 18 teams presented their projects through demonstrations and posters. Faculty evaluators assessed the projects, and three outstanding teams were awarded prizes. This event gave students a platform to showcase their creativity and deepen their understanding of software engineering models.

## Day 2: Building Software Using APIs

On June 22, 2024, Dr. Mohit P. Tahiliani, Associate Professor at NITK Surathkal and Postman Student Expert Program mentor, conducted a session on APIs and Postman tools. He introduced APIs through relatable examples, explained HTTP methods (GET, POST, PUT, DELETE), and showcased how Postman simplifies API testing and automation compared to traditional tools.

Students engaged in hands-on exercises, including creating API requests, managing collections, and writing automated tests. As part of the Postman Student Expert course, participants earned an official Student Expert Certificate, boosting their professional credentials. The session was highly interactive, with discussions, live demonstrations, and participation-driven learning.

The two-day program successfully combined theory, practice, and project-based learning, equipping students with industry-relevant skills. The collaboration between the ISE Department and the MITE NDLI Club provided an excellent platform for knowledge exchange, innovation, and career-focused learning.



Resource person Mr. Shivaprakash Rao, IT Consultant and Project Manager providing insights to participants



Participants hands-on activities to plan sprints, manage backlogs, and create user stories & how Agile practices are applied in real-world projects.



**Dr. Mohit P Tahilani delivering the session**

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## MITE-NDLI CLUB

### **Two Day Workshop on “Electrical and Electronic Utility Engineering towards Renewable and Sustainable Energy: An Industry Perspective”**

**By Mr. Sudarshan Kini. Managing Director, Sustainable Earth India. Pvt. Lajapat Nagar, Delhi.**

**Date: 01.07.2024 & 02.07.2024**

Department of Electronics & Communication Engineering in association with IEEE student chapter and MITE NDLI CLUB organized a Two Day Workshop on “Electrical and Electronic Utility Engineering Towards Renewable and Sustainable Energy: An Industry Perspective”

The objective of the workshop was to enlighten the students mind towards the present scenario of the power sector being a major player in industry where in utility Engineering of the Electrical and Electronic Process becomes crucial. This workshop intending to give the insights and open new horizons in the area of utility engineering with hands on session and introduction to the tools used in the industry. The sessions covered the topics about the IEEE standard recommendations, Renewable and sustainable energy generation with Power estimation, Load list calculations and regulations were taught. The process control VFD and PLC's with Pneumatic systems and industrial Automation in order to work towards efficient power estimation and generation with practical difficulties and practice sessions on detailed project report preparation in order to apply for tenders and different agencies for funding was covered

The Resource person Mr. Sudarshan Kini, Managing Director of Sustainable Earth India Pvt, Ltd. Lajpat Nagar, Delhi. He has been in the utility engineering sector as a consultant for the company Oceanergy at Mumbai, consultant partner for infinity Industrial Technical Solutions (IITS) at Mangalore, CEO of Purushartha EPC Company Udupi. the session focused on providing insights into Electrical and Electronics utility Engineering with design difficulties, engineering challenges and various design components along with fundamentals needed. The importance of regulatory standards, safety standards and how the industry needs to adhere to these standards with respect to the parameters were also discussed.

Presentation and Interactive Brainstorming session on need for Renewable energy and importance for it to be sustainable with probable solutions were dealt with. The different methods of generations of renewable energy, utility with regard to sources and trends involving power factor, power losses were discussed. He shared his experiences in the field of designing and maintaining the renewable power plants, deploying sensors, measuring instruments and role of Engineers in these fields with ample career opportunities were discussed.



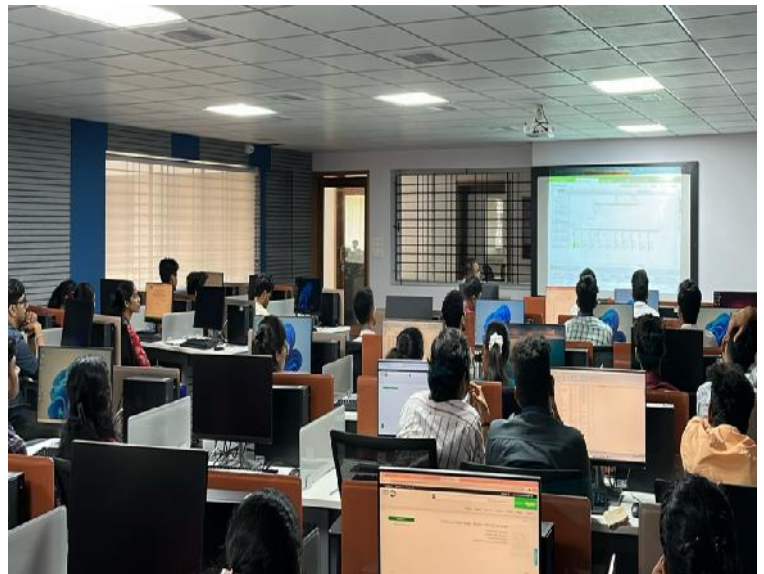
The session involved Innovations in the field of renewable energy and tools used to estimate the power and load calculations. Initially, load listing and estimation of a small scale industry was dealt in detail. Later the load listing estimations of larger industries and their requirements based on clients were also discussed.



*Mr. Sudarshan Kini providing insights into importance of IEEE standards and other safety regulatory bodies*



**SeSession on Simulation employing Schneider Electric Eco Dial**



**Hands on Session on Process control, PLC's, FLD's and Process control with IR and PR instrumentation**

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## MITE-NDLI CLUB

### Career Opportunities in IP for STEMM Graduates

By Adv. Divyendu Verma, Global Head of Patents at Audiri Vox and Managing Partner at Duxlegis,

**Date: 28-09-2024**

The event “*Career Opportunities in IP for STEMM Graduates*” was organized to guide Science, Technology, Engineering, Mathematics, and Management (STEMM) graduates in exploring the vast opportunities within the Intellectual Property (IP) sector. It aimed to bridge the gap between technical expertise and the legal-business interface, showcasing how professionals with a STEMM background can transition into roles that influence innovation and commercialization. The session addressed career options in patent law, IP consulting, technology transfer, and innovation management, highlighting the importance of IP in today’s competitive and technology-driven global market



Divyendu Verma discussing about the need of intellectual property rights

The keynote speaker, **Adv. Divyendu Verma**, Global Head of Patents at Audiri Vox and Managing Partner at Duxlegis, brought a wealth of international experience to the session. He is also a member of prestigious global committees such as the AIPPI Standing Committee on Information Technology, the Designs Committee of INTA, and the Copyright Committee of APAA. Through his talk, he provided an in-depth understanding of patent systems, the drafting and prosecution process, global IP trends, and the increasing demand for IP professionals with technical qualifications. His real-world insights illustrated how IP serves as a strategic tool for protecting innovation while enabling business growth.

The event drew participants from diverse STEMM disciplines who were keen to understand how their technical skills could be leveraged in the IP landscape. They gained valuable knowledge on skill development, certification options, and global career prospects, along with an appreciation for the interdisciplinary nature of IP work. The interactive discussion session allowed attendees to seek clarity on career transitions and the evolving role of IP professionals in innovation ecosystems. The program concluded on an inspiring note, encouraging participants to pursue further training and actively explore opportunities in the Intellectual Property domain.



limpse of the event

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