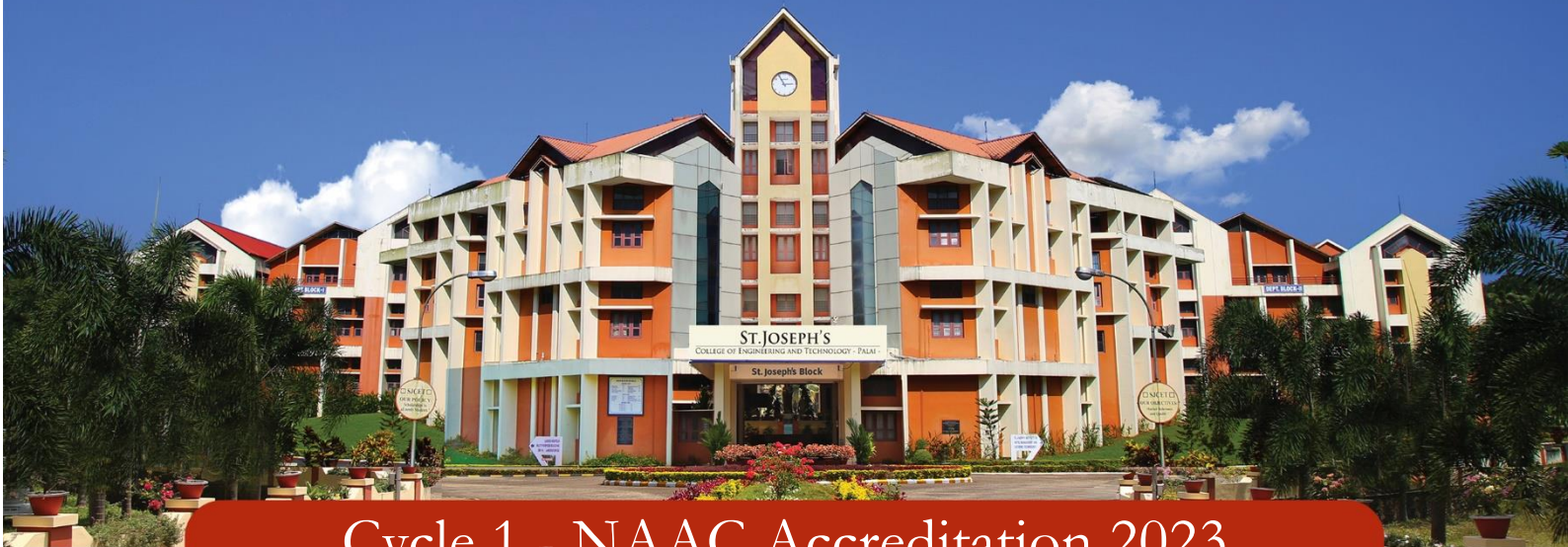




ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

Choondacherry P.O., Palai, Kottayam Pin 686579, Kerala, India
Phone: +91 4822-239700, 239301, 239302
Email: info@sjcetpalai.ac.in • Website: www.sjcetpalai.ac.in



Cycle 1 - NAAC Accreditation 2023

Criterion - 3

Research, Innovations & Extension

3.2.2 Number of workshops/seminars/ conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Submitted to:



National Assessment and Accreditation Council



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

3.2.2.1: Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years.

Year	2022-23	2021-22	2020-21	2019-20	2018-19	Total
Number	42	71	42	27	23	205

Focus Area	2022-23	2021-22	2020-21	2019-20	2018-19
Research Methodology	6	8	9	2	4
Intellectual Property Rights (IPR)	2	2	1	0	0
Entrepreneurship	34	61	32	25	19
Total	42	71	42	27	23



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

S.No	Name of the workshop/ seminar/ conference	Year
1	Training on Electrical System Design of High Rise Building	2023
2	Expert talk on Electrical Power System Protection with	2023
3	A Technical talk on Ethical Hacking and Cyber Security	2023
4	Online training on Benefits of MATLAB and Simulink in	2023
5	A Technical talk on Cyber Security	2023
6	Expert talk on Electrical Simulation Softwares	2023
7	Seminar on 'Career Guidance' by MTTC International	2023
8	Expert talk on Design of Standalone Solar Power System	2023
9	Career Competency for Mechanical Engineers	2023
10	E-Mobility & Career Competency	2023
11	Expert talk on Electrical Load Survey Methodologies	2023
12	Workshop on React.js Framework	2023
13	Webinar on IPR and patents	2023
14	PyLab-Introduction to Python Programming & Statistical	2023
15	Expert talk on AI in Manufacturing	2023
16	Three day Workshop on "An Insight into Academic Project	2023
17	FDP on Blockchain Technology and its Applications	2023
18	The Express Way to Success and Happiness	2023
19	Overview of IPR and Building a Career in Innovation	2023
20	Introduction to Flutter	2023



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

21	Visit to 11kV Substation	2022
22	Expert talk on Opportunities for Electrical Engineers	2022
23	Visit to Solar Power Plant	2022
24	FENSTRA-Creative Coding	2022
25	Hands on Workshop on IOT	2022
26	Werkstatt-Workshop on Introduction to Computer	2022
27	Exploring Django	2022
28	Two day Drone Workshop	2022
29	Technical Session on Thinking and Talking Design	2022
30	Webinar on Introduction to FIGMA	2022
31	Introduction to LATEX	2022
32	Hands-on Session - Photoshop	2022
33	MatPy: Workshop on MatLab & Python	2022
34	Wednesday Café :Experience Sharing Session	2022
35	SJBS Annual Conference	2022
36	Technical Session on Introduction to FOSS	2022
37	Workshop on Inspired by Brain - Next Generation Artificial	2022
38	Employability in IT Industry	2022
39	Python Workshop	2022
40	Workshop on Basics of Electronic system Design	2022
41	SJBS Annual Conference 2022	2022
42	Introductory Session Power & Energy Society	2022



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

43	Integrated Circuit-From Concept to Product	2022
44	INSENDIUM 7.0	2022
45	Techie Pods #1 - Into the Metaverse	2022
46	EXPERIENCIA - Experience Sharing Session	2022
47	Generations of Cellular Technology	2022
48	Annual General Meeting	2022
49	TECH SCRIBER-Session on Technical Paper Writing Grooming	2022
50	Photoshop Training	2022
51	FLUTTER: Hands on Workshop	2022
52	Introduction to Arduino	2022
53	Technical Talk on Entrepreneurship: Opportunities and	2022
54	Hands on Experiment of Home Automation System	2022
55	How to Build a Resume	2022
56	Seminar and Plant Visit on Solar Power Generation and	2022
57	Webinar on How to Market Yourself	2022
58	Adobe Photoshop Training	2022
59	Workshop on Digital System Design using Vivado Design	2022
60	Workshop on Mentor Graphics	2022
61	Workshop on Challenges in VLSI	2022
62	Workshop on Baja and Human powered vehicle	2022
63	Technical Talk on Vega Processors and Ecosystem	2022



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- P A L A I -

64	Spark to Fire : Mini Project Orientation Programme	2022
65	Expert Talk on Health Effects of Electromagnetic Radiation	2022
66	Interdisciplinary Workshop on Entrepreneurship	2022
67	Webinar: Introduction to RTO Systems	2022
68	Expert Talk on Scientific Publications	2022
69	Effective Utilization of E-Resources for a Valuable Research	2022
70	Motivational Talk & Experience Sharing by Lt. Athul V. Nair	2022
71	Applications of GIS and remote sensing in water quality	2022
72	Opportunities after civil engineering	2022
73	Webinar: A Story on Artificial Intelligence "Let Us AI"	2022
74	Intellectual Property Rights Awareness Programme	2022
75	Webinar -A Glimpse into the world of media and	2022
76	Expert Talk on Intellectual Property Rights (IPR)	2022
77	Introduction to Civil Engineering Software	2022
78	Webinar on Skill Development and Lifelong learning	2022
79	Sustainable construction in Civil engineering Era	2022
80	Redesigned Civil Engineering Era	2022
81	Workshop on Python Django	2022
82	ATAL FDP on Wearable Devices	2022
83	Webinar on 'Electric Vehicle: The New Future'	2022
84	Design Thinking for Innovation	2022
85	International Conference on Artificial Intelligence & Energy	2021



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

86	Pitch Perfect	2021
87	Practical Session on Bitumen Extraction	2021
88	Webinar - Introduction to Python	2021
89	Workshop on WordPress: Build a website without knowing	2021
90	Webinar on Lifestyle Diseases	2021
91	Business Model Canvas	2021
92	Webinar - Introduction to ML for Power and Energy Sector	2021
93	SJBS Annual Conference 2021	2021
94	Webinar on Building information modelling: Unlocking the	2021
95	Demonstration of working of firefighting equipment's	2021
96	Seminar on Professional Ethics	2021
97	Expert talk on Ups N Down	2021
98	Expert talk on Employability of an MBA Graduate	2021
99	Workshop & Challenge # Introduction to Arduino using	2021
100	Webinar Series on Introduction to Electronic	2021
101	Webinar on Design & Sizing of Solar Photovoltaic Plants for	2021
102	Expert talk Session-Experience Sharing	2021
103	Flutter App Development Workshop	2021
104	Expert talk on Overview of Electric Vehicle Technology	2021
105	Young Professionals Talk on Career in Semiconductor	2021
106	Insight Summit 2021- Faculty Development Programme	2021
107	Webinar on Ideation, Innovation and incubation	2021



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

108	Webinar on Neuromorphic Computing	2021
109	Workshop on Ethical Hacking and Cyber Security	2021
110	Synergy - An Induction Training Program for IEDC BootCamp	2021
111	Basics of Programming- Hack eXtreme	2021
112	Introductory Talk on IEEE Xtreme 15.0	2021
113	Webinar on How to Market Yourself	2021
114	FDP on Practical Data Science	2021
115	Cyber Security of Complex Engineering Systems: Edge	2021
116	IEEE CMD Session on Workplace Electrical Safety	2021
117	Expert talk on Piping Engineering -What is it?	2021
118	Expert talk on Highways and Bridges- USA	2021
119	Expert talk on Her Journey as a Doctor and Influencer	2021
120	Second International Conference on IoT based Control	2021
121	Expert talk on "Life of a Lady Locopilot - My story"	2021
122	Webinar on Professional Communication Skills	2021
123	Expert talk on Positive vibes - M3	2021
124	Expert talk on B. Tech to UPSC Finals - A Journey	2021
125	Membership Development Session	2021
126	Webinar on Stages of Startup Development	2021
127	Webinar on Women in Computing	2021
128	Virtual Tour – Schneider Electric Plant	2021
129	Overview of HMT Machine Tools Ltd- A Machine Tool	2021
130	Webinar: Grid Modernization: Technological Advancements	2021

Managed by the **Catholic Diocese of Palai** • Approved by AICTE • Affiliated to APJ Abdul Kalam Technological University, Kerala



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- P A L A I -

131	Scope of MEP and Electrical Supervisor License	2021
132	Webinar on Journey Through Concrete	2021
133	Webinar on Precast Building System	2021
134	Webinar on Industrial Automation	2021
135	Webinar on Membership Development	2021
136	Webinar on 'Upskill in Emerging Technologies'	2021
137	Introduction to User Experience Design	2021
138	Online Training on AutoCAD	2022
139	Expert talk on Energy Management and Solar Power panel	2021
140	International Webinar on Applications of Artificial	2021
141	International Workshop on Machine Learning Applications-	2021
142	Webinar on Introduction to Immersive Technology	2021
143	International Conference on IoT Based Control Networks	2020
144	Preparation of Feasibility and DPR in Context of Highways	2020
145	Expert talk on River Rejuvenation in Kerala	2020
146	Expert talk on "Behind the Cutting Edge "	2020
147	Expert Talk, IPR and Business Contracts	2020
148	Upskill Training and hospitality management	2020
149	Soft skill training session	2020
150	Android Application Development Workshop	2020
151	Expert talk on Challenges for Evergreen Life	2020
152	Expert talk on Standardization for a Global Footprint	2020



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

153	INSENDIUM 6.0	2020
154	Webinar on Cyber Security	2020
155	Webinar on Robotic Process Automation	2020
156	Webinar on Job Opportunities in Mechanical Engineering	2020
157	Webinar on Introduction to Artificial Intelligence	2020
158	Webinar: Modern Application Development and Clean	2020
159	Webinar: Introduction to Cryptocurrency and Bitcoin	2020
160	Expert talk on Prepare for your success	2020
161	Basic Stepping Stones to Competitive Coding	2020
162	Expert talk on Introduction to Public Speaking	2020
163	Database Breach & Remediation	2020
164	Webinar: Basics of Product Management	2020
165	Software Version Control using GIT	2020
166	Webinar: Cyber Security & Ethical Hacking	2020
167	Workshop-Cloud Computing with AWS	2020
168	Building Construction Methods and Process Work	2020
169	Expert Talk on Current Trends in PLM CAD	2020
170	Build Your Own Website in a Day using WordPress	2020
171	Expert talk on Water Resource Planning	2020
172	Workshop on Microsoft Excel Certification Program	2019
173	Expert session on Climate Conscious Building Design	2019
174	Expert session on Towards a New Philosophy of	2019
175	Workshop on Internet of Things	2019



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

176	Invited Talk on Nuclear Energy - Need, Perception and	2019
177	Workshop on Banking and Financial Services	2019
178	Introduction to Python Workshop	2019
179	Alumni Tech Talk Series-4: 3D Printing, The Technology of Future	2019
180	A Journey to Solar- the hope of future	2019
181	Workshop on PCB Design with Proteus	2019
182	Foundations skills in Entrepreneurship	2019
183	Cyber Security for Symbiotic vehicular network	2019
184	Faculty Development Programme "Recent Advances in Fuel Cells"	2019
185	Hands-on Workshop on LinkedIn	2019
186	Technical Talk on Artificial Intelligence	2019
187	Talk Series on Paper Presentation	2019
188	Workshop on Cyber Security and Ethical Hacking	2019
189	An Expert Session on Drip Irrigation System & Practical	2019
190	IoT Application Development	2019
191	Expert Session on "Metro Rail Construction with Indian	2019
192	Entrepreneurship Development Programme	2018
193	Foundation programme in capital market	2018
194	Technical Talk on Telecom Systems at Kochi Metro Rail Ltd	2018
195	Pre-placement Training	2018



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

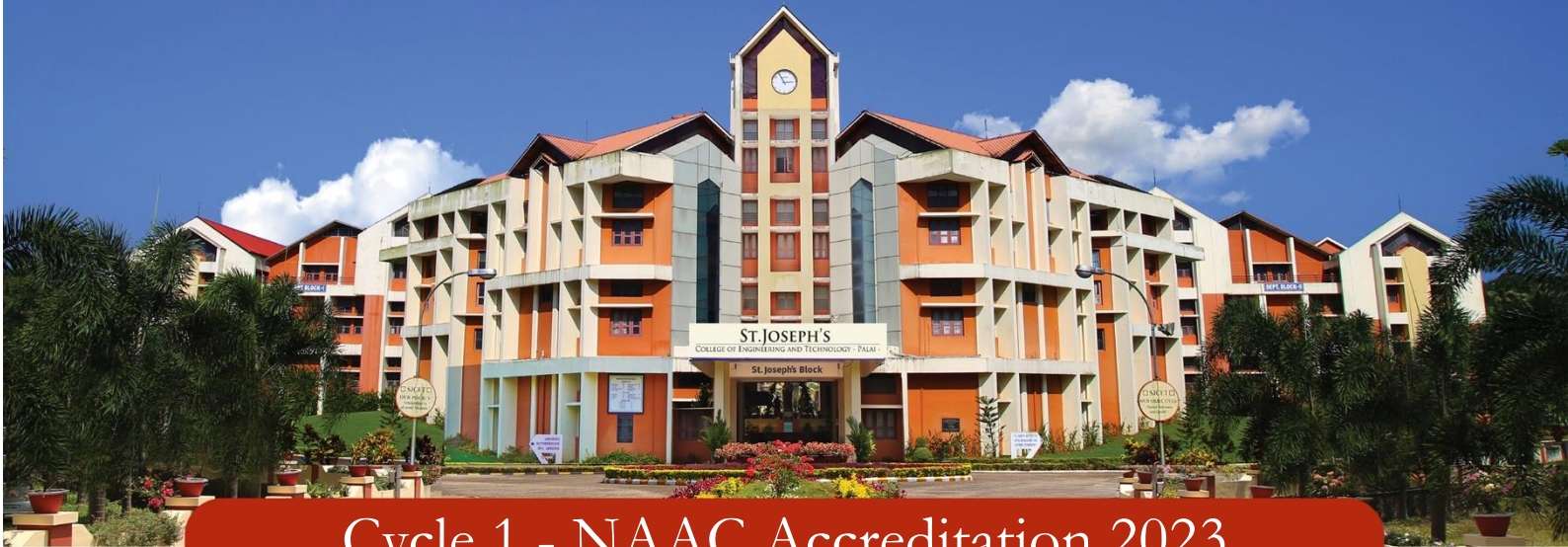
196	Interview Skills Development Session	2018
197	Email and Resume Writing Workshop	2018
198	Expert talk on Good Practices in Construction	2018
199	PIC Workshop	2018
200	Session on IEEE Membership Benefits	2018
201	Expert talk on 5G Communication	2018
202	Introduction to Block Chain Technology	2018
203	Introduction to Godel's Incompleteness Theorem	2018
204	Session on Business Communication	2018
205	Expert talk on Electrical Grid	2018



ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

Choondacherry P.O., Palai, Kottayam Pin 686579, Kerala, India
Phone: +91 4822-239700, 239301, 239302
Email: info@sjcetpalai.ac.in • Website: www.sjcetpalai.ac.in



Cycle 1 - NAAC Accreditation 2023

Criterion - 3

Research, Innovations & Extension

Sample Data

Submitted to:



National Assessment and Accreditation Council



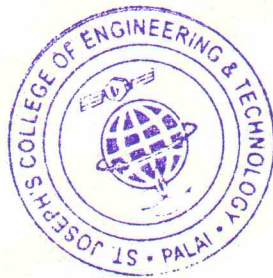
ST. JOSEPH'S

COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

Talk on Overview of Intellectual Property Rights and Building a Career in Innovation

Overview

Event Name	Talk on Overview of Intellectual Property Rights and Building a Career in Innovation
Date	06.01.2023
Venue	MTB Seminar Hall
Focus of the event	Intellectual Property Rights
Organizing Body	Department of Electrical and Electronics Engineering
Resource Persons	Er. Robin K Varghese, Intellectual Attorney, Group Head – IP Centre of Excellence for Johnson Controls International
Total Number of Attendees	69



PRINCIPAL
ST. JOSEPH'S COLLEGE OF
ENGG. & TECHNOLOGY, PALAI

TALK ON OVERVIEW OF INTELLECTUAL PROPERTY RIGHTS AND BUILDING A CAREER IN INNOVATION

Resource Person

ER.ROBIN K VARGHESE

Robin is Intellectual Property Attorney and Group Head of IP Centre of Excellence for Johnson Controls International, a global company that make buildings safer, energy efficient and sustainable with a presence in over 2000 locations across the globe. In the last 13 plus years, he has previously worked for several companies such as L&T, Honeywell International, Lanco Infratech & KSEB. After completing engineering in Electrical & Electronics from SICET, he pursued Masters in Business Administration from University of Petroleum and Energy Studies, Diploma in Intellectual Property from WIPO Netherlands and LLB from Karnataka State Law University. He is also a registered Indian Patent Agent and have license to practice in the indian patent office.



Organised By

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

In Association With

CENTER FOR CONTINUING EDUCATION AND SKILL DEVELOPMENT CELL



St. Joseph's
College Of Engineering
And Technology,
- palai -

PATENT
COPYRIGHT
TRADEMARK

Robin is an inventor of 2 patents and is well versed in technologies and innovations related to IoT, 3D Printing, Machine Learning, HVAC, Barcode Scanning and Artificial Intelligence where he deploys his expertise on patent portfolio management and innovation strategies, freedom-to-operate opinions, technology intelligence studies, IP-assets valuation, IP negotiations, technology evaluation and substantive issues of patent litigation.

Venue: MTB seminar hall

Date: 06/01/2023 Time : 3.00pm

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report

TALK ON 'OVERVIEW OF INTELLECTUAL PROPERTY RIGHTS AND BUILDING A CAREER IN INNOVATION'

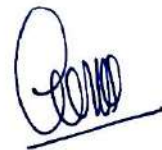
On 6th January 2023, the department of Electrical and Electronics Engineering of SJ CET, Palai in association with Centre for Continuing Education and Skill Development cell organised an expert talk on the topic "**An overview of intellectual property rights and building a career in innovation**", at MTB seminar hall during 3:00pm to 4:00pm.

Er. ROBIN K VARGHESE, Intellectual Attorney and group head of IP centre of Excellence for Johnson Controls International, was the resource person. He is also a registered Indian patent agent and have license to practice in the Indian patent office.

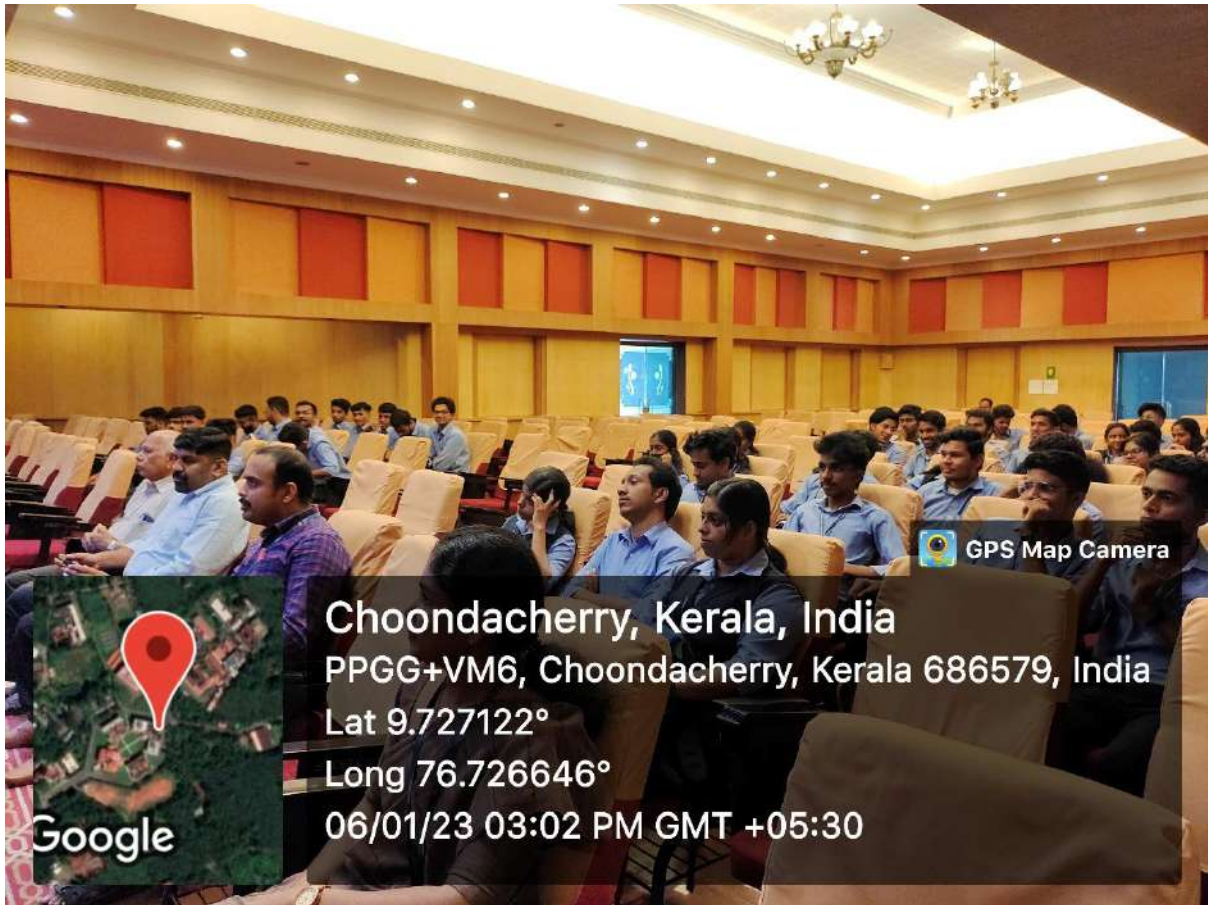
The talk session started with a welcome speech by Dr. Tomson Thomas, Asst. Professor, EEE Dept. The resource person gave an overview about intellectual property rights and was followed by its different forms and types like copyrights, trademark, industrial design, trade secrets, patent rights were discussed briefly. To make the session interesting, few case studies were discussed. The talk was concluded by discussing about how to build a career in intellectual property rights and their roles and about the courses which provide IPR.

Prof P.V Varkey, Prof. Emeritus & former HoD, EEE presented a memento to the resource person and the session came to an end by a vote of thanks by Ms. K. J. Raina, S7EEE.

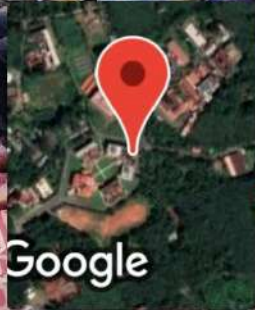
Tomson Thomas
1/6/23
Dinja James
Faculty in-charge
Invited talk



HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY
CHOONDACHERRY P.O., PALAI - 686 579



GPS Map Camera



Choondacherry, Kerala, India
PPGG+VM6, Choondacherry, Kerala 686579, India
Lat 9.727122°
Long 76.726646°
06/01/23 03:02 PM GMT +05:30



GPS Map Camera



Choondacherry, Kerala, India
PPGG+VJ4, Choondacherry, Kerala 686579, India
Lat 9.7271°
Long 76.726502°
06/01/23 03:41 PM GMT +05:30



ST. JOSEPH'S
COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS
ENGINEERING

Managed by the Catholic Diocese of Palai | Approved by AICTE | Affiliated to MG University / APJ Abdul Kalam Technological University | An ISO 9001:2015 certified educational institution

Expert Talk on

'Overview of Intellectual Property Rights and Building a Career in Innovation'

Attendance Sheet

Date: 06/01/2023

Time: 3.00pm

Venue: MTB Seminar Hall

ROLL NO.	STUDENT NAME	CLASS	SIGNATURE
1.	P. Arun Rajan	S7	<i>[Signature]</i>
2	Johnny Manoj	"	<i>[Signature]</i>
3	Manu S	"	<i>[Signature]</i>
4	Azhan Pradeep	"	<i>[Signature]</i>
5	Dante Sunny	"	<i>[Signature]</i>
6	Amal George	S7	<i>[Signature]</i>
7	Shaun Sunil	S7	<i>[Signature]</i>
8	Alex TK	"	<i>[Signature]</i>
9	Pauls Xavier Puthangady	S3	<i>[Signature]</i>
10	Rabin Koshy Mathew	S3	<i>[Signature]</i>
11	Manu Justin	S3	<i>[Signature]</i>
12	Ronith VR	S3	<i>[Signature]</i>
13	Abhishek C.R	S3	<i>[Signature]</i>
14	Deepak Regimon	S3	<i>[Signature]</i>
15	Alan Johnson	S3	<i>[Signature]</i>
16	Anand V. Kurian	S3	<i>[Signature]</i>
17	Sabarimuth P.H	S3	<i>[Signature]</i>
18	Sethupraveethy M	S7	<i>[Signature]</i>
19	Alan Xavier	S7	<i>[Signature]</i>
20	Sethu Lakshmi M	S7	<i>[Signature]</i>
21	Bhagga S. Ramesh	S7	<i>[Signature]</i>
22	K. J. Rana	S7	<i>[Signature]</i>
23	Alan K. George	S7	<i>[Signature]</i>
24	Angilika Prasad	S3	<i>[Signature]</i>
25	Mexin Kurian	S3	<i>[Signature]</i>
26	Suzaj S	S3	<i>[Signature]</i>
27	Pradeep Sharma	S3	<i>[Signature]</i>
28	Jibin Jose	S3	<i>[Signature]</i>
29	Tony Mathew	S3	<i>[Signature]</i>

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRICAL ENGG
ST. JOSEPH'S COLLEGE OF ENGG. & TECHNOLOGY
CHOONDACHERRY P.O., PALAI - 686 570




ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, - PALAI -

DEPARTMENT OF
**ELECTRICAL AND ELECTRONICS
ENGINEERING**

Managed by the Catholic Diocese of Palai | Approved by AJCTE | Affiliated to MG University / APJ Abdul Kalam Technological University | An ISO 9001:2015 certified educational institution

30	Rahul ER	S3	<i>[Signature]</i>
31	Mathew James	S7	<i>[Signature]</i>
32	Anand A	S3	<i>[Signature]</i>
33	Celina Johny	P3	<i>[Signature]</i>
34	Ajana TR	P3	<i>[Signature]</i>
35	VS Mahanandi	P3	<i>[Signature]</i>
36	P Ramanika	S3	<i>[Signature]</i>
37	Jude Jose	S5	<i>[Signature]</i>
38	Ajith S Kumara	S5	<i>[Signature]</i>
39	Sebin Siby	S5	<i>[Signature]</i>
40	Rithin Varghese	S5	<i>[Signature]</i>
41	Rahul	S5	<i>[Signature]</i>
42	Abel Thomas	S5	<i>[Signature]</i>
43	Jeswin Shaji Mathew	S5	<i>[Signature]</i>
44	Angel Mariya K.S	S5	<i>[Signature]</i>
45	Sona Jose	S5	<i>[Signature]</i>
46	Steni yohanna	S5	<i>[Signature]</i>
47	Aneetta Benny	S5	<i>[Signature]</i>
48	JINSON ELOHO THOMAS	S5	<i>[Signature]</i>
49	ALAN JOSHY	S5	<i>[Signature]</i>
50	GEO TOM	S5	<i>[Signature]</i>
51	Emmanuel Francis	S5	<i>[Signature]</i>
52	Alby Rajan	S5	<i>[Signature]</i>
53	Aravind M Nair	S5	<i>[Signature]</i>
54	Kiran Jayaraj	S5	<i>[Signature]</i>
55	Rakhi M.K.S	S5	<i>[Signature]</i>
56	Meenakshi S Nair	S5	<i>[Signature]</i>
57	Anupama Prakash	S5	<i>[Signature]</i>
58	Ashra Proub	S5	<i>[Signature]</i>
59	Cirila Ann Philip	S5	<i>[Signature]</i>
60	Ashwin K Prasad	S5	<i>[Signature]</i>
61	Pachu Anil	S5	<i>[Signature]</i>
62	Arvind S. Jammur	S5	<i>[Signature]</i>
63	Ajesh Xavier	S5	<i>[Signature]</i>


 HEAD OF THE DEPARTMENT
 DEPARTMENT OF ELECTRICAL ENGG.
 ST. JOSEPH'S COLLEGE OF ENGG. & TECHNOLOGY
 CHOONDACHERRY P.O., PALAI-686 572

