



# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE – 638 060

KEC Innovation and Entrepreneurship Forum



## Session Details:

<b>Title of the session</b>	: One Day Session on Intellectual Property Rights (IPR) & IP Management for Innovation and startups.
<b>Date</b>	: 30.04.2022
<b>Duration</b>	: One day
<b>Activity Category</b>	: ✓ IIC Calendar / MIC Driven / Self Driven / Celebration
<b>Theme</b>	: ✓ Entrepreneurship / Innovation / IPR
<b>Mode of conduct</b>	: ✓ Online / Physical

## Expert / Speaker Details

**Name, Designation, Organization** : Mr. P. Navaneethakrishnan, Mr. R. Thirunavukarasu  
Collins Aerospace, Bangalore.

**Brief about Expert/Speaker** : Mr. Navaneethakrishnan completed his Bachelors in Mechanical at KEC (2003) and Masters in Material Science at IIT Madras (2008). He started his career as Aircraft maintenance engineer at Taneja Aerospace, Hosur. Now he is working as Mechanical Systems Design Engineer at Collins Aerospace, Bangalore. Most of his works are focused on Powered door opening system (PDOS) and Thrust reverser actuators. He is having 10 patents in that half of them matured to TRL 4 and TRL 5. Mr. R. Thirunavukarasu completed his Bachelors in Mechanical at KEC (2003) and Masters in Mechanical System Design at Manipal University. He also Completed his Management studies in General Management program for Aerospace executives from IIMB and Aerospace MBA from Toulouse Business School, France. Now he is working as a Leading Air cargo systems and Hoist & Winch Value stream product lines at Collins Aerospace (A Raytheon Technologies Company). He has filed Eight Patents in that Four Patents are Granted at USPTO.

## Outcome of the activity

Students got the knowledge about how the inventor can get copyrights, patents, design and, trademarks and trade secret protection to shield an invention/creation from being duplicated or copied by another individual or business.

## Key Highlights

- About IPR and IP
- Intellectual Property Overview and Innovation Thinking
- Innovations from Problems



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- Steps to Reach the solution
- Tips for Innovation
- Effective Writing of IDF (Innovation Disclosure Form)
- Prior Art Search
- Challenges in starting the startups
- Day-to-day activities
  - o Framing the title
  - o Tips for the Prior Art Search
  - o Patent Filing Procedure.

### **Participant details:**

**Total no. of Student participation** : 180

**Total no. of Staff (Teaching/Non-teaching) participation** : 10

**Total no. of outside participation** : Nil

### **Other details:**

**Three to four Photographs/Screenshots that show the participation of students and Staffs (Teaching/Non-teaching)** : Annexure-1

**Participant list** : Annexure-2





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Annexure - 1

## Event Flyer

The flyer features the college's crest and the text "Transform Yourself". The main title "KONGU ENGINEERING COLLEGE" is prominently displayed, followed by "AUTONOMOUS" and the address "PERUNDURAI, ERODE - 638060". Logos for EMDC, TBI-KEC, and the Institution's Innovation Council are included. A graphic shows a person presenting a building icon. The event details are: Date: April 30, 2022, Time: 09:15 AM - 04:15 PM, Venue: Jamsetji Tata Seminar Hall, Automobile Department. Social media links for iic\_kec, KEC Innovation Council, and KEC INNOVATION COUNCIL are provided. The design credit "Design | © n\_jagan" is at the bottom right.

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[ AUTONOMOUS ]  
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Transform Yourself

EMDC

TBI-KEC  
INCUBATING SUCCESS

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INSTITUTION'S INNOVATION COUNCIL(IIC@KEC) &  
ENTREPRENEURSHIP AND MANAGEMENT DEVELOPMENT CENTRE(EMDC)  
Proudly Organise

One Day Awareness Session on IPR & IP Management for  
Innovation and Start-ups

Mr. P. Navaneethakrishnan  
Collins Aerospace  
Bangalore

Mr. R. Thirunavukarasu  
Collins Aerospace  
Bangalore

Dr. G. S. Rampradheep  
Associate Professor

Dr. R. Rajkumar  
Assistant Professor

DATE : APRIL 30, 2022  
TIME : 09:15 AM - 04:15 PM

VENUE : JAMSETJI TATA SEMINAR HALL,  
AUTOMOBILE DEPARTMENT

iic\_kec  
IicKongu

KEC Innovation Council  
KEC INNOVATION COUNCIL

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## Session Inaugural



Welcome address by Dr. Dr. R. Parameshwaran, President, IIC, KEC



Session on “Intellectual Property Overview and Innovation Thinking”

Mr. Navaneethakrishnan,  
Collins Aerospace, Bangalore



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Session on “Intellectual Property Overview and Innovation Thinking”

Mr. Thirunavukarasu,  
Collins Aerospace, Bangalore



Session on “Effective Writing of IDF (Innovation Disclosure Form)”

Dr. R Rajkumar  
Assistant Professor (Sr.Gr), KEC





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Session on “Prior Art Search”

Dr. G S Rampradeep  
Associate Professor, KEC





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## Participant list:

S NO.	NAME	ROLL NO.	DEPARTMENT
1.	19AUL047	DINESH KUMAR S	AUTOMOBILE
2.	19AUL049	GOKUL V	AUTOMOBILE
3.	19AUR008	B.GANGADHARAN	AUTOMOBILE
4.	19AUR009	HARISH KUMAR R	AUTOMOBILE
5.	19AUR014	KAVIN ADHITHYA.V.P	AUTOMOBILE
6.	19AUR017	MOHAN KUMAR D	AUTOMOBILE
7.	19AUR026	PREM N	AUTOMOBILE
8.	19AUR030	S. SANTHOSH	AUTOMOBILE
9.	19AUR040	VENUGOPAL S	AUTOMOBILE
10.	20AUL027	BARATH KUMAR S	AUTOMOBILE
11.	20AUL031	JEEVA PRASANTH T	AUTOMOBILE
12.	20AUL033	KAMALESH M D	AUTOMOBILE
13.	20AUL037	CMURUGANANTHAM	AUTOMOBILE
14.	20AUL054	SUDHAKAR	AUTOMOBILE
15.	20AUR006	GURU PRASATH. K	AUTOMOBILE
16.	20AUR008	KAVIN KUMAR P	AUTOMOBILE
17.	19AUR004	ATHITHYA MURUGESH P	AUTOMOBILE
18.	19AUR016	MANOJ R	AUTOMOBILE
19.	19AUR033	SIDDHARTHAN T	AUTOMOBILE
20.	19AUR042	VIGNESH V	AUTOMOBILE
21.	19AUL046	K.B.DHANUSH ATHITHYA	AUTOMOBILE
22.	19AUR035	SIVA NITHILAN KS	AUTOMOBILE
23.	19CHL105	BARATH T M	CHEMICAL
24.	19CHL106	DURAIRAM.N	CHEMICAL
25.	19CHR008	ATHISH	CHEMICAL
26.	19CHR022	HABEEB RAJA R	CHEMICAL
27.	20CHL103	PRANAV BALAJI K R	CHEMICAL
28.	20CHL109	YUVARAJ M	CHEMICAL
29.	20CHR002	AKASH.J.U	CHEMICAL
30.	20CHR021	HARIHARA SUTHAN M	CHEMICAL
31.	20CHR031	KIRUBA KRISHNA KANTH K	CHEMICAL
32.	20CHR065	SARVESH B	CHEMICAL
33.	20CHR067	SAVADAMUTHU G	CHEMICAL
34.	20CHR079	SUBBURAJ S	CHEMICAL
35.	20CHR083	THAMOTHIRAN A	CHEMICAL
36.	19CHL107	HARIHARAN S	CHEMICAL
37.	18CER144	RETHANYA	CIVIL
38.	19CEL133	AADHISHWAR N S	CIVIL
39.	19CER001	AARANI DEVI R	CIVIL
40.	19CER009	ARAVINTH	CIVIL





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41.	19CER010	S.ARUN PRASATH	CIVIL
42.	19CER016	S. BHARANI	CIVIL
43.	19CER024	DHARSINI N	CIVIL
44.	19CER036	HARIN.C.R	CIVIL
45.	19CER048	KARTHIKA KL	CIVIL
46.	19CER068	G.NIVETHA SHRI	CIVIL
47.	19CER114	SUNDAR R	CIVIL
48.	19CER128	VISHNU PRIYA K	CIVIL
49.	20CER046	KRISHNAPRASATH S	CIVIL
50.	20CER048	LINGESH RAAJAN V	CIVIL
51.	20CER077	SAKTHI SOWMYA S	CIVIL
52.	20CER080	SANJANA R	CIVIL
53.	20CER094	SOLAI NANDHINI S	CIVIL
54.	20CER097	SUDHARSHAN C	CIVIL
55.	20CER107	VASANTHASURYA S	CIVIL
56.	20CER114	VIJAY S	CIVIL
57.	20CER117	VISHWA R	CIVIL
58.	20CER101	SVEATH. S	CIVIL
59.	20CER113	VIJAY J T	CIVIL
60.	20CSR002	AAKHILA HAYATHUNISA M	CSE
61.	20CSR008	ADHARSHINI G	CSE
62.	20CSR011	AGALYA E P	CSE
63.	20CSR013	AJAY SURYA S	CSE
64.	20CSR015	AKASH.S	CSE
65.	20CSR016	ANISH R M	CSE
66.	20CSR019	ARAVINDH. V	CSE
67.	20CSR022	S. A. ASHOK KUMAR	CSE
68.	20CSR025	BALAJI K	CSE
69.	20CSR028	BHARANIDHARAN R	CSE
70.	20CSR036	DARSHAN S	CSE
71.	20CSR040	DHARSHAN S S	CSE
72.	20CSR048	FREDOLIN TIBBA.B	CSE
73.	20CSR050	GANASRI S	CSE
74.	20CSR052	GANESHKUMAAR S	CSE
75.	20CSR054	GIRIMURUGAN M	CSE
76.	20CSR059	GOKUL R	CSE
77.	20CSR190	SATHISH KUMAR.R	CSE
78.	20CSR218	SURENDIRAN S	CSE
79.	20CSR221	SWETHA. P	CSE
80.	20CSR238	VISHNUDA PRAKASHRAJAA	CSE
81.	19ISR001	ABISHEK.S	CT - PG
82.	19ISR002	AKSHAYA J	CT - PG
83.	19ISR023	HARISHRI S	CT - PG
84.	19ISR040	OMPRASATH	CT - PG
85.	19BCR006	ATCHAYAPRAKASSH KS	CT - UG





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86.	19BCR033	NAREN DK	CT - UG
87.	20BCR033	S.RANITHA	CT - UG
88.	20BCR054	THANUSHYA. L	CT - UG
89.	20BCR052	SUBASRI K	CT - UG
90.	20BSR029	KAVIYANIGETHAN K	CT - UG
91.	20ECL228	RAHUL RAJ. B A	ECE
92.	20ECL233	SELLADURAI S	ECE
93.	20ECR101	MOHANRAJ. K	ECE
94.	20ECR102	MOURIN PRASAD B M	ECE
95.	20ECR106	NANTHAKKUMARAN S	ECE
96.	20ECR107	NARESH N P	ECE
97.	20ECR108	L R NAVANEETHAN	ECE
98.	20ECR112	NITHISH S	ECE
99.	20ECR115	PAVENDHAN P	ECE
100.	20ECR116	PONKAVIN D	ECE
101.	20ECR140	SANTHOSH R	ECE
102.	20ECR143	SANTHOSH SIVAA V	ECE
103.	20ECR145	SARJUN AHMED K	ECE
104.	20ECR152	SHALENI T	ECE
105.	20ECR154	SHERWIN SAN MARKUS . M	ECE
106.	20ECR172	SRI SAKTHI S	ECE
107.	20ECR176	SUBHIKA S	ECE
108.	20ECR178	SUHAS D K	ECE
109.	20ECR185	SUTHIR S	ECE
110.	20ECR193	VIJAY V L	ECE
111.	20ECR195	VIKASHM	ECE
112.	2ECR198	VIMAL SANJEEVI S	ECE
113.	20ECL227	PRITHVIC R	ECE
114.	20ECL213	D.GOKUL	ECE
115.	20EEER033	HARISH KUMAR S	EEE
116.	20EEL119	MANOOJ	EEE
117.	20EEL121	K.NAVEENKUMAR	EEE
118.	20EEL125	SRIDHARAN P	EEE
119.	20EER009	AMEER JAHAN S	EEE
120.	20EER012	AROKIYA RENISH A	EEE
121.	20EER013	ARVINDVIGNESH P	EEE
122.	20EER016	AZHAGESHWAR.F	EEE
123.	20EER022	DEEPAN K S	EEE
124.	20EER026	V B GNANAVEL	EEE
125.	20EER042	KABILAN S	EEE
126.	20EER050	KARTHIKEYAN M	EEE
127.	20EER051	KAVIMITRAA M	EEE
128.	20EER052	KAVIN R	EEE
129.	20EER052	KAVIN R	EEE
130.	20EER053	KAVIYA D	EEE





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131.	20EER060	MANOJ.K.S.	EEE
132.	20EER075	PRAVEENRAJ AM	EEE
133.	20EER075	SHARUNITHI G	EEE
134.	19EIR019	ELAMATHI S	EIE
135.	19EIR066	RITHANYA S	EIE
136.	20EIR064	RAJKUMAR.K	EIE
137.	20EIR081	SUDHARSAN G	EIE
138.	19FTR005	AKSHAYAKRUPAKARAN V	FOOD TECH
139.	19FTR010	BALAKRISHNAN C	FOOD TECH
140.	19FTR041	SAVEETHA S	FOOD TECH
141.	19FTR042	SHUBIKSHA A M	FOOD TECH
142.	19FTR043	SNEHA K	FOOD TECH
143.	20FTR005	AVANTHIKA R	FOOD TECH
144.	20FTR029	RATHI PREETHI S	FOOD TECH
145.	20FTR032	SANGEETHA K	FOOD TECH
146.	20FTR044	VARSSHA J	FOOD TECH
147.	20FTR047	VIJAY.V	FOOD TECH
148.	20ITL126	SURENDHAR D	IT
149.	20ITR027	GOKULSHANKAR KP	IT
150.	20ITR034	HARITHA MAHALAKSHMI N	IT
151.	20ITR055	KRISVANTH P	IT
152.	20ITR071	NARENDRANATH K	IT
153.	20ITR082	PRIYANSHU PRAMANIK	IT
154.	20ITR099	SRUTHI M	IT
155.	20ITR103	SUDHARSAN V K	IT
156.	20ITR106	SWATHI.S	IT
157.	20ITR001	AATHAVAN S	IT
158.	20ITR063	METHUN CHAKKARAVARTHI N	IT
159.	20MBR011	ARUNA J S	MBA
160.	20MBR041	JAFAR SATHICK N	MBA
161.	20MBR094	SATHYA M	MBA
162.	19MER020	ASWIN J K	MECHANICAL
163.	20MEL184	GOKUL K	MECHANICAL
164.	20MEL199	KAVINRAJ K.R	MECHANICAL
165.	20MER050	JAYARAMAN R	MECHANICAL
166.	20MER113	SANTHOSHKUMAR.S	MECHANICAL
167.	20MER136	SUKESH T N	MECHANICAL
168.	20MER142	THARANEESH V	MECHANICAL
169.	20MER146	VENKADESH.V	MECHANICAL
170.	19MTL126	SIVASUBRAMANIAN.S	MECHATRONICS
171.	19MTR034	KEERTHIVASAN S	MECHATRONICS
172.	19MTR045	MANIKANDAN G	MECHATRONICS
173.	19MTR051	MOHAMMED ADHIL H	MECHATRONICS
174.	19MTR077	SANTHOSH V	MECHATRONICS





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175.	20MTL123	SHYAAM PRAKASH M	MECHATRONICS
176.	20MTL124	SOBINATH M	MECHATRONICS
177.	20MTL126	SRIHARI PRASATH S	MECHATRONICS
178.	20MTL128	THARUN M	MECHATRONICS
179.	20MTR063	RAGHUL S	MECHATRONICS
180.	20MTL116	ROHITH.S	MECHATRONICS

## Faculties

S No.	Name	Designation and Department	Responsibility
1.	Dr. S. Praveen Kumar	AP (Sr. G) / MTS	Convener, IEF
2.	Dr. S. M. Senthil	AP (Sr. G) / Mech.	Co-Convener, IEF
3.	Ms. S.Vijayashanthy	AP / Civil	Member, EMDC
4.	Mr. G. Manikandan	AP / Auto	Member, EMDC
5.	Mr. R. P. Karthik	AP / ECE	Member, EMDC
6.	Ms. A.Manju Sri	AP / Chemical	Member, EMDC
7.	Dr. C. Baskar	ASP / Mech	Innovation Activity Coordinator, IIC
8.	Dr. G S Rampradeep	ASP / Civil	IPR Cell Coordinator
9.	Dr. R. Rajkumar	AP (Sr.G) / EIE	IPR Rights Coordinator
10.	Mr. K. Nithyanandhan	AP / Auto	Member, IIC

