



3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

S.No	Year	Name of the workshop/ seminar	Number of Participants	Date From – To
1.	2022	HOW TO BE PREPARED AND FACE MNC RECRUITMENT DRIVES	76	30.08.2022
2.	2022	Faculty Enrichment Programme	75	13.08.2022
3.	2022	Job Opportunities in MEP Designing for Mechanical, Electrical and Electronics Engineering & Civil Engineering	110	14.09.2022
4.	2022	Women Entrepreneurship -Problems with Solutions	107	03.09.2022
5.	2022	Students Talk – Electrical and Electronics Engineering	54	03.09.2022
6.	2022	DIGITAL TRENDS AND OPPURTUNITIES	311	16.09.2022
7.	2022	Orientation program on Process Engineering Softwares, it's Applications and Career opportunities	95	15.09.2022
8.	2022	Seminar on Geometric Dimensioning and Tolerancing in Manufacturing Process	52	06.10.2022
9.	2022	Webinar on Engineering Mechanics	45	30.09.2022







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10.	2022	Webinar on Woman, you are the best	145	30.09.2022
11.	2022	Seminar On "Introduction to AI and ML"	250	24.09.2022
12.	2022	Webinar on FLUID MECHANICS AND MACHINERY	45	18.10.2022
13.	2022	Seminar on "HIGHER EDUCATION AND CARRIER OPPURTUNITIES IN EUROPEAN COUNTRIES"	311	07.10.2022
14.	2022	Seminar on Importance of piping technology and its Software for new generation of Mechanical Engineers	43	22.11.2022
15.	2022	Seminar on PROBLEM SOLVING, INNOVATION AND IDEATION	210	28.11.2022
16.	2022	ONLINE FACULTY DEVELOPMENT PROGRAM on "RECENT TRENDS IN CHEMICAL AND PETROCHEMICAL INDUSTRIES"	190	21.11.2022 - 25.11.2022
17.	2022	Seminar on "MY JOURNEY OF INNOVATION AND ENTREPRENEURSHIP"	165	30.11.2022
18.	2022	IIC Start up (Institutional Idea competition Challenge Startup)	. 80	30.11.2022







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19.	2022	Seminar on Fundamental Aspects in Control System	60	05.12.2022
20.	2022	An International Webinar on International Opportunities for Civil Engineers	75	21.12.2022-24.12.202
21.	2022	Civil Engineering Chapter – American society of civil engineers (ASCE)	70	16.11.2022
22.	2022	Workshop on Data Analysis and Visualization Tools	150	23.12.2022
23.	2023	International Faculty Development Program on "Advances in Civil Engineering"	35	09.01.2023-14.01.202
24.	2023	CAREER OPPORTUNITIES IN OIL AND GAS INDUSTRY WEBINAR	60	25.01.2023
25.	2023	Winter Vacation Course on "CC2401-PHP and MySQL"	60	23.01.2023- 31.01.202
26.	2023	SCIENTECH-2023	600	13.01.2023
27.	2023	7 TH INTERNATIONAL CONFERENCE ON INVENTIVE SYSTEMS AND CONTROL (ICISC – 2023)	300	30.01.2023-31.01.202
28.	2023	Five Day online Faculty Development programme on "MES693-HEAT AND MASS TRANSFER"	40	23.01.2023-28.01.202







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29.	2023	Seminar on "Statistical And Analytical Tools In R Programming"	25	03.02.2023
30.	2023	Skill development program on Role of a structural engineer and the importance of stability of building	25	02.02.2023-04.02.2023
31.	2023	INTERNATIONAL CONFERENCE ON "ARTIFICIAL INTELLIGENCE AND SMART SYSTEMS" (ICAIS – 2023)	250	02.02.2023-04.02.2023
32.	2023	FDP on Energy Trends and Virtual Challenges in Current Scenario.	40	01.02.2023-07.02.2023
33.	2023	Webinar program on BIO-OXIDATION-A TECHNOLOGY FOR SUSTAINABLE AIR POLLUTION CONTROL	25	31.01.2023
34.	2023	Expert Talk on basics of quantum computing	20	10.02.2023
35.	2023	IDEATHON 2K23	85	08.02.2023
36.	2023	A Entrepreneurship talk on Start up a small scale industry	90	08.02.2023
37.	2023	Alumni talk and Webinar on Importance Of Artificial Intelligence and Devops	150	14.02.2023







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38.	2023	Alumni talk and webinar on Sky Bus Metro	25	13.02.2023
39.	2023	Webinar on "WOMEN AND SCIENCE IN TODAY'S WORLD"	100	10.02.2023
40.	2023	One day Hands on training for school students – "Dr. APJ. ABDUL KALAM SATELLITE LAUNCH VEHICLE MISSION-2023"	100	10.02.2023
41.	2023	Guest lecture on current trends in oil and gas industry with placement opportunities	40	16.02.2023
42.	2023	Alumni talk and webinar on Modern drilling fluids	75	16.02.2023
43.	2023	Alumni talk and webinar on Gas sweetening plant	60	14.02.2023
44.	2023	Workshop on "Design Thinking, Critical Thinking and Innovation Design"	70	22.02.2023
45.	2023	Expert Talk on "Fire and Safety in Chemical Industries"	70	22.02.2023
46.	2023	Alumni talk and webinar on Industrial requirements from a fresher	40	18.02.2023
47.	2023	Expert Talk on "Scope and opportunities after engineering"	25	. 25.02.2023





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48.	2023	Intra-Institutional Innovation Competition	75	25.02.2023
49.	2023	Expert Talk on Smart Device Control and Data logging using IoT Technology	45	24.02.2023
50.	2023	Innovation & Entrepreneurship Outreach Program in Schools / Community	74	24.02.2023
51.	2023	Expert talk-Webinar on "How to become a Successful Entrepreneur"	60	24.02.2023
52.	2023	Expert talk- Webinar on WBM System	75	27.02.2023
53.	2023	Expert Talk-Webinar on Overcoming the fear of the fresher	. 50	27.02.2023
54.	2023	Webinar on PROCESS OF INNOVATION DEVELOPMENT AND TECHNOLOGY READINESS LEVEL(TRL) AND COMMERCIALIZATION OF LAB TECHNOLOGIES AND TECHNOLOGY TRANSFER	35	25.02.2023
55.	2023	Guest lecture on Computer Application in Civil Engineering	. 45	02.03.2023
56.	2023	Seminar on CAREER OPPORTUNITIES IN NETWORKING AND SECURITY	120	01.03.2023







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57.	2023	Webinar on DATA ANALYTICS USING IBM COGNOS	150	02.03.2023
58.	2023	Webinar on How to choose career field	60	10.03.2023
59.	2023	Seminar on Career Growth in Structural Steel Detailing Field and the uses of SDS2 Software	50	14.03.2023
60.	2023	JAKRUTHI .	120	15.03.2023
61.	2023	Seminar on Strength of Transverse Loading on Beams	90	16.03.2023
62.	2023	JAKRUTHI- a National Level Technical Symposium	50	16.03.2023
63.	2023	JAKRUTHI- a National Level Technical Symposium	40	17.03.2023
64.	2023	Guest lecture on piping design with placement opportunities	. 40	17.03.2023
65.	2023	Program on Intellectual Property Rights and Management for Startup	85	20.03.2023
66.	2023	Job Opportunities in Abroad	60	20.03.2023







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67.	2023	Conclave-Webinar on Water Management	40	21.03.2023- 23.03.2023
68.	2023	Webinar on Introduction to pipeline integrity	70	24.03.2023
69.	2023	Seminar on Career Growth Of Mechanical Engineers In Oil And Gas Industry	75	24.03.2023
70.	2023	Workshop on "AESTHETIC ASPECTS OF BUILDING DESIGN"	30	28.03.2023
71.	2023	Webinar on 'Job opportunities In Drilling Rig'	60	28.03.2023
72.	2023	Opportunities in Design, CNC and MASTER CAM for Mechanical Engineering	. 75	31.03.2023
73.	2023	National Seminar on "Introduction to Process Engineering and Ethanol Production"	40	03.04.2023
74.	2023	Seminar on "Industrial Automation and Carreer Opportunities	60	06.04.2023
75.	2023	INTERNATIONAL CONFERENCE ON "ADVANCES IN CIVIL ENGINEERING" (ICACE – 2023)	140	12.04.2023
76.	2023	AWARENESS PROGRAMME FOR JOB OPPORTUNITIES IN MECHANICAL FIELD	50	12.04.2023





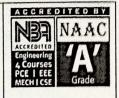


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77.	2023	Workshop on 'DATA SCIENCE AND ANALYTICS'	80	20.04.2023
78.	2023	Seminar on World Creativity and Innovation Day	80	21.04.2023
79.	2023	Webinar on "MATLAB – It's Applications & Latest Research in Real Life"	35	21.04.2023
80.	2023	National Level Conference on "Recent Advances in Computing Sciences" (RACS'23)	250	21.04.2023
81.	2023	Workshop on Digital Manufacturing using Autodesk Fusion 360	60	25.04.2023
82.	2023	Seminar on World Intellectual Property Day	60	26.04.2023
83.	2023	J-Finagles 2023 – A National level Technical Symposium 2023"	70	27.04.2023
84.	2023	Webinar on How to plan for start-up and legal and ethical steps	45 <sub>.</sub>	09.05.2023
85.	2023	International Conference on "ADVANCED MATERIALS, MODERN MANUFACTURING AND COMPUTERIZED AUTOMATION"	100	10.05.2023
86.	2023	Seminar on National Technology Day	70	11.05.2023







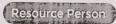
## **SAMPLE DOCUMENTS**





## REPORT ON WEBINAR ON "MY JOURNEY OF INNOVATION AND ENTREPRENEURSHIP"





Mr.SARAVANAN THIYAGARAJAN FOUNDER & CEO DIGIMONK, CHENNAI & COIMBATORE

Founder Thiru.S.A.Subramanian Chairman Thiru.R.Arulselvan

Vice Chairman Thiru.R.Gautamai Secretary Thiru.R.Durga Shankar Principal scream
Dr.S.Manoharan

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JCT College of Engineering and Technology PICHANUR, COIMBATORE - 641 105.

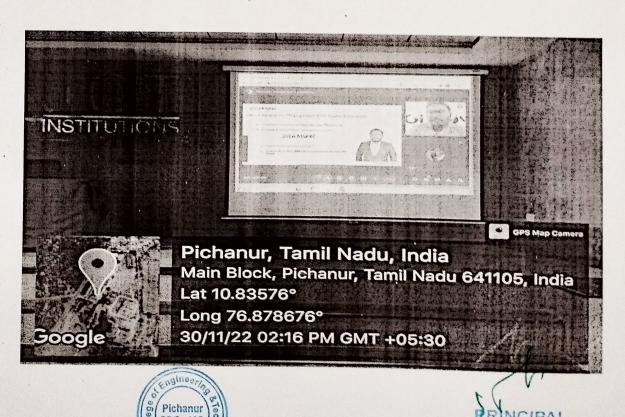
The Research and Development cell of JCT College of Engineering and Technology organized a special lecture on "MY JOURNEY OF INNOVATION AND ENTREPRENEURSHIP" on 30.11.2022 at 2.00 pm at Seminar Hall for all the 3rd and 4th year students.

The key speaker of the event was Mr. SARAVANAN THIYAGARAJ, FOUNDER & CEO, CHENNAI ANDCOIMBATORE.

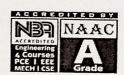
The session started with the welcome address and introduction to the Chief Guest was given by Dr.M.SABRIGIRIRAJ, HEAD of ECE Department.

Our Chief Guest delivered his lecture on the topic "MY JOURNEY OF INNOVATION AND ENTREPRENEURSHIP". The primary goal of his lecture was to give ideas about digital marketing. He briefly explained what is digital marketing, how to invest amount and start-up the digitalmarketing.

He gave some ideas for do the digital marketing. Finally, he answered queries raised by the students and made the session as an interactive one. Around 150 students and 15 faculties were benefitted through this programme. The formal vote of thanks was delivered by Dr.M.SABRIGIRIRAJ,HEAD of ECE Department.















#### REPORT ON

## SPECIAL LECTURE ON FUNDAMENTAL ASPECTS IN CONTROL SYSTEM



The department of Petroleum Engineering has successfully conducted a lecture on Fundamental Aspects in Control System on 5th of December 2022 around 09:30 AM. The resource person was Dr. P. Kantha Bhabha Formerly Professor & Head, Department of





Chemical Engineering, Annamalai University. Students are benefited by the lecture given by the chief guest. We invited both petroleum and petrochemical students because they have been undergoing process control and instrumentation subject. Students have given feedback that it was very useful for their academic studies.



















## REPORT ON "Intra-Institutional Innovation Competition"



The Department of Computer Science and Engineering, JCT College of Engineering and Technology, Coimbatore, organised a programme entitled "Intra-Institutional Innovation Competition", in association with JCT CET IIC and CSI Coimbatore Chapter, on February 25, 2023, at 10 a.m. at the JCTCET Research Laboratory.

The inauguration started with Thamizhthai vazhthu, and Dr. G. Rajiv Suresh Kumar, Head of the Department of Computer Science and Engineering, welcomed the gathering. Dr. S. Manoharan, Principal, JCT College of Engineering and Technology, Coimbatore, gave the felicitation and key note address.

75 students from 10 departments participated, and 25 project models were presented in this competition. Dr.S. Manoharan, Principal, Dr.K. Geetha, Dean Academics, Dr.G. Mahesh, HoD, Mechanical Department, Dr.P. Balamurugan, HoD, Food Technology, and Dr.V. Murugesh, HoD,







Civil Department, were present and took part as judges for this competition, and they gave valuable suggestions and encouraged and motivated the students about how to develop their ideas and how they can be implemented and to develop prototypes.

Mr. K. Rajkumar Assistant Professor, Department of Computer Science and Engineering, proposed the vote thanks, The function ended with the National Anthem.



















#### REPORT ON SEMINAR ON CAREER OPPURTUNITIES IN DESIGN PIPING



Guest lecture on piping design with placement opportunities was conducted by Department of Petroleum Engineering, JCT College of Engineering and Technology, Coimbatore on 17-03-2023 (Friday) at JCTCET Seminar Hall by 02:00 pm to 04:00 pm.

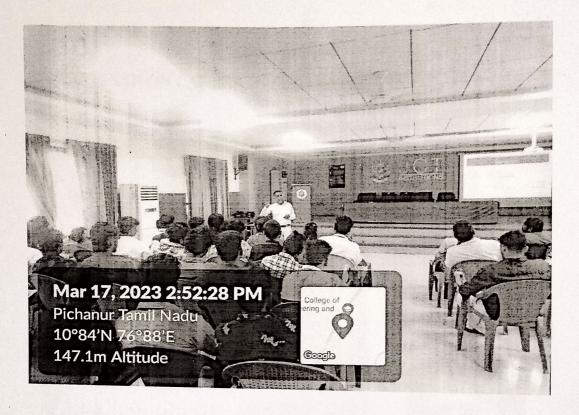
The primary objective of this program is to get awareness on job opportunities in Piping design domain. The students are exposed to learn different skills, which has demand in the Piping design how the industry works. The trainer has experience in various oil and gas industries all over the globe. She has shared her journey from a student to a successful employer, which motivated number of students.

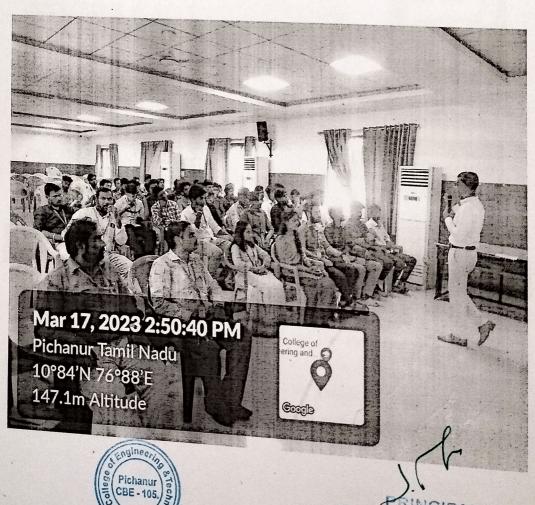
The students felt motivated to learn demanded skills, required for employment.

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#### REPORT ON WEBINAR ON CAREER OPPORTUNITIES IN OIL AND GAS **INDUSTRY**







RESOURCE PERSON

Mr. KHALID MOHAMMED LEAD OPS ENGINEER, DRILLING SERVICES 13YRS + OIL & GAS EXPERIENCED **PROFESSIONAL** 

**MEDIUM: GOOGLE MEET** https://meet.google.com/qhg-aivz-zch

> Pichanur CBE - 105.

Mr.V.Purushothaman - Coordinator | Dr.S.Venkatesh Babu - HoD/Petroleum Engg.

Founder Thiru.S.A.Subramanian

Chairman

Vice Chairman Thiru.R.Gautaman Secretary Thiru.R.Durga Shankar

Principal JCTCET Dr.S.Manoharan

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A Webinar on Career Opportunities in Oil and Gas Industry was organized by the Department of Petroleum Engineering on 25/01/23 at 11.00 AM. With the presence of Dr. S. Manoharan, Principal, Dr.S. Venkatesh babu HOD, Coordinator Mr.V. Purushothaman Assistant Professor, Guest of Honor Mr. Khalid Mohammed and followed by the Sixty (60) ngineer





participants from in and out of JCT institution exclusively for Petroleum Engineering.

The Guest Speaker Mr. Khalid Mohammed had given very deep insights Career Opportunities in Oil and Gas Industry which are part of his work and students got aided over this. The Guest speaker addressed and explained in an unblemished manner to all the comments/questions from participants.





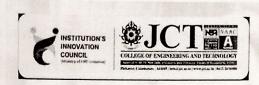






## REPORT ON Seminar on 'World Intellectual Property Day'





# DEPARTMENT OF MECHANICAL ENGINEERING Organizing "World Intellectual Property Day"

#### RESOURCE PERSON Mr.N.NAGARAJAN

Technical Director & Lead Patent Analyst

NSKD Techno Research and Innovation Solution

(MSME Registered)



WEDNESDAY 26 APRIL 2023 11.00 AM

Co-ordinator's: Dr.I.J.Isaac Premkumar, Prof.M. Prabhu & Prof. P. Siva

Convenor Dr.G.Mahesh-HoD/Mech

Founder Thiru.S.A.Subramanian Chairman Thiru.R.Arulselvan Vice Chairman Thiru.R.Gautaman

Secretary Thiru.R.Durga Shankar Principal JCTCET Dr.S.Manoharan

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The Department of Mechanical Engineering, JCT College of Engineering and Technology, Coimbatore organized a Seminar on "World Intellectual Property Day" 26.04.2023 for imparting fundamental knowledge of Intellectual Property Rights and its







importance. Dr. S. Manoharan, Principal delivered the welcome address and Dr. I. J. Isaac Premkumar, ASP/Mech introduced the chief guest.

The resource person explained about how to file and Publish the patent. He emphasized the importance of Inventions, literary, create works, designs, symbols, names and picture utilized in business related to Intellectual Property Rights. Totally, more than 60 students and faculty members attended the programme. Prof. M.Prabhu, Assistant Professor, Department of Mechanical Engineering proposed the vote of thanks.

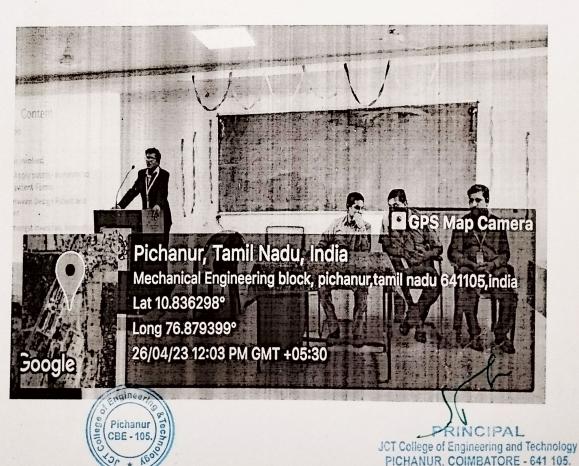










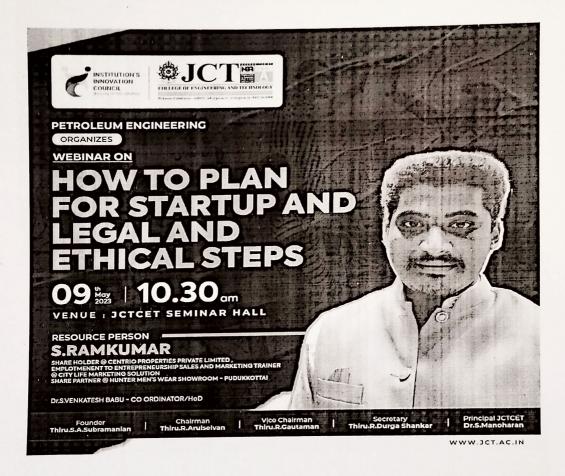






#### REPORT ON

## WEBINAR ON 'HOW TO PLAN FOR START-UP AND LEGAL AND ETHICAL STEPS'



Department of Petroleum Engineering has successfully conducted a webinar on How to plan for start-up and legal and ethical steps on 9th of MAY 2023 around 01:30 PM at JCTCET Seminar hall.

The resource person was Mr .S. Ramkumar, shareholder @ Centrio properties private limited, Employment to Entrepreneurship sales and marketing trainer @ City Life Marketing Solution Share partner @ Hunter men's wear showroom - Pudukkottai.

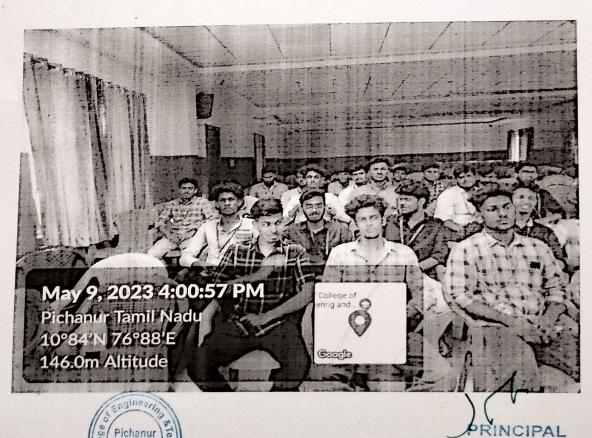
Students were benefited by the webinar given by the chief guest. We invited second, third and final year Petroleum students because they have been undergoing plan for start-up and legal and ethical steps. Students have given feedback that it was very useful for their additional career scope and studies.

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