



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023 - 2024/ EVEN SEMESTER

### 3 DAY WORKSHOP ON FROM DESIGN TO PATENT

The Department of Computer Science & Engineering organized a 3 Day Workshop on “**FROM DESIGN TO PATENT**” from **25.05.2024 - 27.05.2024** in Hybrid mode to guide the students through the essential stages of transforming a design concept into a patentable invention. Totally 166 participants from CSE department actively participated in this event.

The workshop provided a comprehensive understanding of the design process, patent requirements, and the necessary steps to protect intellectual property. Participants engaged in hands-on activities and gain practical knowledge from industry experts.

#### **Day 1: 25.05.2024**

**Topic : Version control using GIT in Software Engineering**

**Mr.E.Hariharan, Member Technical Staff, Zoho Corporation, Chennai**

The day 1 of the workshop equipped the participants with the fundamental knowledge and skills to effectively manage code changes and collaborate on software projects. Participants learnt the fundamental concepts, practical applications, and best practices of using GIT for version control in software development projects.

The day 1 of the workshop covered the following key topics:

- **Introduction to Version Control:** Explained the concept of version control and its importance in software development.
- **GIT Basics:** Introduced core GIT concepts like repositories, working directories, staging area, commits, and branches.

- **Benefits of GIT:** Highlighted the advantages of GIT, including tracking changes, enabling collaboration, reverting to previous versions, and managing branching strategies.

**Hands-on Practice:**

Participants engaged in practical exercises using a GIT client (e.g., GIT Bash, GitHub Desktop) to:

- Initialize a GIT repository
- Stage and commit changes
- View commit history
- Inspect code changes with diff
- Create and manage branches
- Resolve merge conflicts (optional)

**Day 2: 26.05.2024**

**Data and Content Governance**

**Mr.Sasi Pradeep Raja ,Content Strategist at Novo Nordisk London, UK**

In-depth information on establishing and upholding efficient governance procedures for data and information assets inside a company was covered for the students on day two.

The workshop covered the following key topics:

- **Data Governance Fundamentals:**
  - Introduction to data governance concepts and benefits.
  - Importance of data quality, security, and accessibility.
  - Roles and responsibilities for data governance.
- **Content Governance Fundamentals:**
  - Definition of content governance and its goals.
  - Content lifecycle management (creation, review, approval, publication).
  - Maintaining brand consistency and messaging.
- **Building a Governance Framework:**
  - Key components: data policies, data standards, content strategy, style guide, workflows, and access controls.
  - Tools and technologies for data and content governance.

- **Implementation Strategies:**

- Developing a data governance plan.
- Creating a content governance policy.
- Establishing clear roles and responsibilities.
- Communication and change management strategies.

**Day 3: 27.05.24**

**IPR, Design, Patent Filing**

**Mr. Sasikumar Chandran, CEO , HUMCEN GLOBAL Pvt Ltd , India**

On the third day of the program, the students were given a thorough rundown of design principles, the IPR landscape, and the process of filing patents. The session gave the attendees the know-how and abilities needed to safeguard their inventions using successful design and patent tactics. Also offered practical guidance on drafting , preparing and filing patent applications.

The workshop covered the following key topics:

- **Introduction to IPR:**

- Definition and types of intellectual property (patents, copyrights, trademarks, designs)
- Importance of IPR protection in a competitive market

- **Design Protection:**

- What constitutes a protectable design (visual features, functionality)
- Benefits of design registration (exclusivity, brand protection)
- Process for design registration in the relevant jurisdiction

- **Patent Filing:**

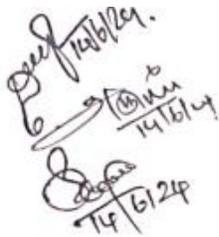
- Types of patents (utility, design, plant)
- Patentability criteria (novelty, non-obviousness, industrial applicability)
- Steps involved in the patent filing process (invention disclosure, patent search, application drafting)
- Importance of working with patent professionals

In summary, the workshop emphasized the journey of going from design to patent.

### Workshop Outcomes

- Increased the awareness of the connection between design and patentability
- Gained valuable insights on how to strategically integrate patentability considerations into the design process from the very beginning
- Provided the participants with the information and procedures needed to turn their original concepts into patentable creations.
- Bridged the gap between design and intellectual property protection.

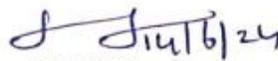
Overall, the Design to Patent workshop served as a springboard for participants to leverage design not just for aesthetics, but also as a strategic tool for securing patent protection and achieving greater success in the marketplace.



Handwritten signatures and dates for coordinators: 14/6/24, 14/6/24, 14/6/24.

**COORDINATOR(s)**

Ms.R.Sugantha Lakshmi  
Ms.D.Mangalambigai  
Mr.M.Arun



Handwritten signature and date: 14/6/24.

**HOD/CSE**  
Dr.S.M.Uma



Handwritten signature and date: 14/6/2024.

**PRINCIPAL**

Dr.J.Arputha Vijaya Selvi

**Principal**

Kings College of Engineering  
(Autonomous)  
Punalkulam - 613 303

ANNEXURE - I

WORKSHOP POSTER



Department of Computer Science and Engineering

Organizes

3 DAY WORKSHOP

on

FROM DESIGN TO PATENT

25-27 May, 2024



DAY 1  
25.05.2024



Mr. E.Harihran

Member Technical Staff  
Zoho Corporation ,Chennai

Topic

Version control using  
GIT in Software Engineering

Ms.R.Sugantha Lakshmi AP/CSE  
Ms.D.Mangalambigai AP/CSE  
Mr.M.Arun AP/CSE

Co-ordinators

Speakers

DAY 2  
26.05.2024



Mr. Sasi Pradeep Raja

Content Strategist  
Novo Nordisk , London,UK

Topic

Data and Content  
Governance

Dr.S.M.Uma  
Prof/CSE

HOD/CSE

DAY 3  
27.05.2024



Mr. Sasikumar

CEO  
HUMCEN GLOBAL Pvt Ltd ,Chennai

Topic

IPR,Design,  
Patent Filing

25-27 May, 2024  
Dr.J.Arputha Vijaya Selvi

Principal

**ANNEXURE - II**

**SESSION DETAILS**

<b>S.No</b>	<b>Date</b>	<b>ResourcePerson</b>	<b>Topic</b>
1	25.05.24	<b>Mr.E.Hariharan</b> Member Technical Staff Zoho Corpotation, Chennai	Version control using GIT in Software Engineering
2	26.05.24	<b>Mr.Sasi Pradeep Raja</b> Content Strategist at Novo Nordisk London UK	Data and Content Governance
3	27.05.24	<b>Mr. Sasikumar Chandran</b> CEO , HUMCEN GLOBAL Pvt Ltd , India	IPR, Design, Patent Filing

**ANNEXURE - III**

**PARTICIPANTS LIST**

<b>S. No.</b>	<b>Name of the Student</b>	<b>S. No.</b>	<b>Name of the Student</b>	<b>S.No</b>	<b>Name of the Student</b>
1.	AARTHI S	56.	AASHA J	112.	KIRUTHIKA R
2.	ABISHEK C	57.	AJAY S	113.	LEXMADURAI S
3.	ADITYA RAAJAN M	58.	ARUNOTHAYA A C	114.	MADHAN M
4.	AJAY KARTHICK A	59.	ASHWIN V	115.	MARIMUTHU P
5.	ANBUCHZHIAN S	60.	ATCHAYA R V	116.	MOHANRAJ T S
6.	ARAVAMUTHAN J C	61.	BALAMURUGAN M	117.	MOULI K
7.	ARCHANA S	62.	BARATHRAJ R	118.	MUTHEESWARAN S
8.	ASWINI S	63.	BHAVATHARANI V	119.	NAASIM M
9.	BARGAVI M	64.	BOOMIKA R	120.	NARMATHA P
10.	BHUVANESHWARI B	65.	DEEPAN S	121.	SNEGA S
11.	DHANYALAKSHIMI R	66.	DEEPIKA K	122.	SURIYAPRAKASH M
12.	DINESH S	67.	DINESH S	123.	SURUTHIGA C
13.	GAYATHRI R	68.	ELAMARAN S	124.	THIRUMURUGAN K
14.	GOPIKA R	69.	ESWAR S	125.	SHAMEER RAHMAN S
15.	HARISH M	70.	GAYATHRI M	126.	SIVA PRAKASH P
16.	HARISH SRIRAM B	71.	GEETHA I	127.	SRI GIRIDHARA S
17.	HEMAVARTHINI S	72.	GUHAN D	128.	SRIHARINI R

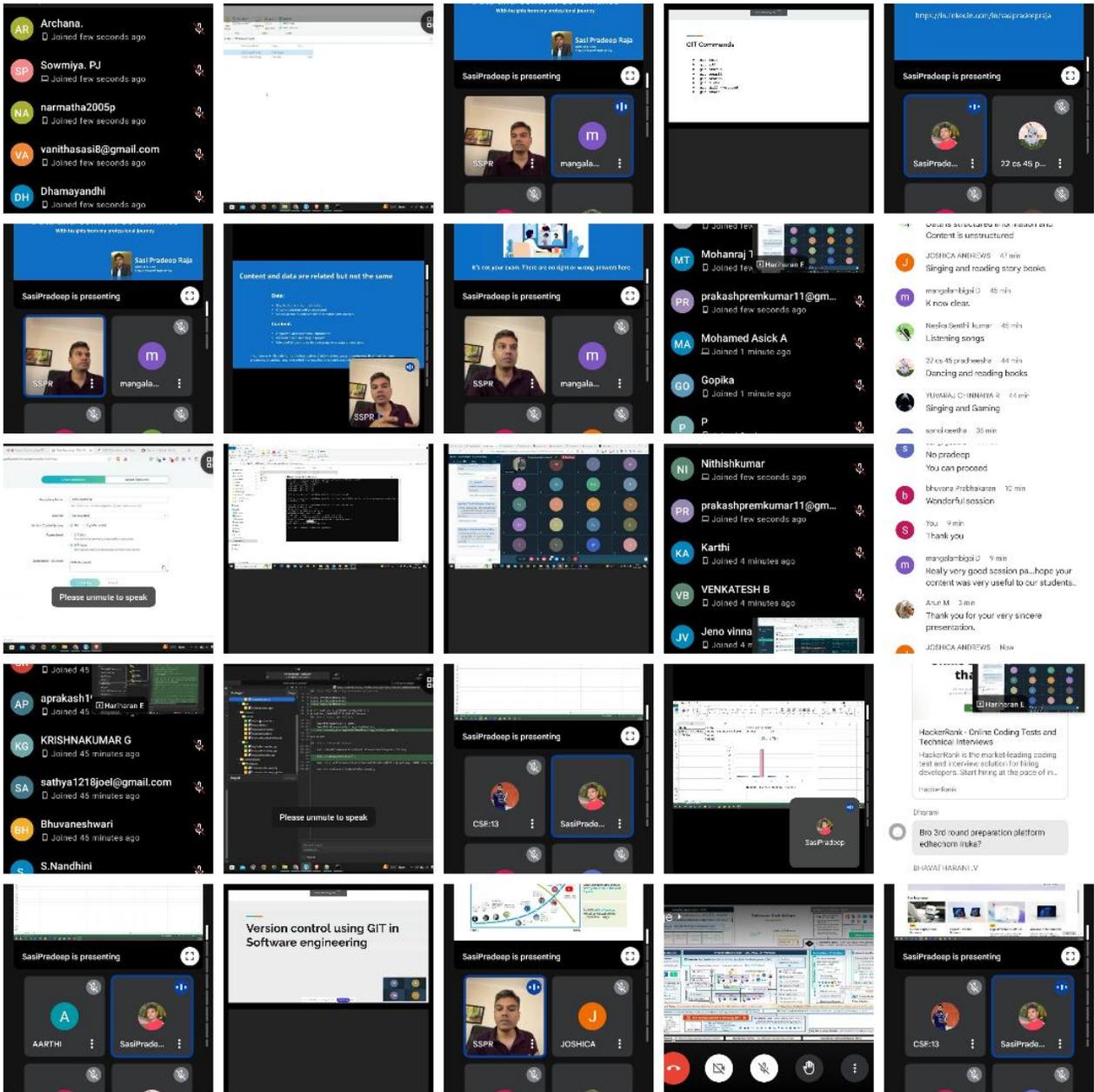
3 Day WORKSHOP ON FROM DESIGN TO PATENT

18.	HRITHICK J	73.	HARISH B	129.	SUDHISHA S
19.	JAYAPRIYA B	74.	JAYAVANI K	130.	SWATHI M
20.	JEEVAROSHINI M	75.	JENO VINNARASI A	131.	VISHNU PRASADD M B
21.	JEFRY ALLWIN J	76.	KARTHIKA M	132.	BHARANIDHARAN G
22.	JOSEPHCLINTON S	77.	KAYALVIZHI K	133.	SIVANESAN K
23.	JOSHICA A	78.	KEERTHIGA S	134.	VINTHIYA M
24.	NESIKA S	79.	LAVANYA J	135.	SELVAPRIYA A
25.	NIRANJAN R	80.	MAHALAKSHMI V	136.	RASIKA G
26.	NITHISHKUMAR V	82.	MOHAMED SAMEER S	137.	SABARINATHAN N
27.	PAVITHRA U	83.	MUHILAN E	138.	SANDHIYA R
28.	POONGUZHALI J	84.	MURUGARAJ M	139.	SANJIVE BALAJI A
29.	PRADHEESHA R	85.	NANDHINI S	140.	SATHISHKUMAR S
30.	NIVETHA S	86.	NARESH KUMAR N	141.	MATHESH KRISHNAN M
31.	PARKAVI D	87.	NITHISH S	142.	MOHAMED ASICK A
32.	PRAKASH A	88.	SANTHOSH KUMAR G	143.	MOHAMED GANI M
33.	PRIYARANI.B	89.	SARVESH S	144.	MOHAMMED ALI K
34.	RAGUL SANKAR J	90.	SATHYA A	145.	MONESHWARAN S
35.	RAJKUMAR K	91.	SATHYA R	146.	MURUGANANTHAM P
36.	REENA S	92.	SIVA M	147.	MURUGESHWARI A
37.	SAFREENBANU S	93.	AAKASH S	148.	NANDHAKUMAR P
38.	RAGAVI R	94.	AANDAL S A	149.	ASHOK KUMAR K
39.	RAJASHREE E	95.	ANEES PRIYANKA V	150.	BHARATHI P A
40.	THIRUMURUGAN S	96.	ARAVIND S	151.	DEEPA K
41.	VANATHI G	97.	ARUL B	152.	DHARANI R
42.	VARSHA N N	98.	NAVEEN G	153.	DHEVADHARSHINI M
43.	VASANTH M	99.	NITHYASHRI B M	154.	GAYATHIRI S
44.	VASINYA M	100.	NOORA K M	155.	GOWRISHANGARI R
45.	VICHITHRA V	101.	PRAGATHI V	156.	SARAVANAN K
46.	YOKESHWARI P	102.	PRAKASH M	157.	SATHYA A
47.	RISHI KUMAR R	103.	PRASANNA R	158.	SHALINI K
48.	THASEEN AKBAR	104.	RAHUL S	159.	SHARMIKA R
49.	HARIHARAN K	105.	ROOBIGA R	160.	SHASHANK S
50.	HARI PRASATH S	106.	HARINI V	161.	SOWMIYA P J
51.	INDRANI M	107.	MAHESHWARI D	162.	SRIRAM R
52.	JANARTHANAN P	108.	MANIBHARATHI V S	163.	YUVARAJ CHINNAIYA R
53.	JEEVA R	109.	MANOJ M	164.	YOKESHWARAN M
54.	KARTHIK V	110.	KISHORE B	165.	KUMARESAN K P

# 3 Day WORKSHOP ON FROM DESIGN TO PATENT

55.	KEERTHANA J	111.	SURENDRAN V	166.	VISHAL K
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## ANNEXURE – IV GLIMPSES OF THE EVENT



ANNEXURE - V

SAMPLE CERTIFICATES



Department of Computer Science and Engineering

CERTIFICATE OF APPRECIATION

This is to certify that

Ajay S

of

**Kings College of Engineering**

Has attended 3 Day Workshop on **From Design to Patent**  
conducted by Department of Computer Science & Engineering  
from **25-27 May,2024**

Ms.R.Sugantha Lakshmi  
Ms.D.Mangalambigai  
Mr.M.Arun  
Co-ordinators

Dr.S.M.Uma Prof/CSE  
HOD/CSE

Dr.J.Arputha Vijaya Selvi  
PRINCIPAL



Department of Computer Science and Engineering

CERTIFICATE OF APPRECIATION

This is to certify that

B.M.Nithyashri

of

**Kings College of Engineering**

Has attended 3 Day Workshop on **From Design to Patent**  
conducted by Department of Computer Science & Engineering  
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Co-ordinators

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HOD/CSE

Dr.J.Arputha Vijaya Selvi  
PRINCIPAL

**ANNEXURE – VI**  
**FEEDBACK ANALYSIS**

**Feedback Form**

**25-27 May 2024 , 3 Day Workshop on From Design to Patent**

**B I U ↻ ✕**

Before sharing this Form, customize this description, the title above, and the questions below.

Email \*

Valid email

This form is collecting emails. [Change settings](#)

Full Name \*

Short answer text

Questions Responses **74** Settings

Year \*

- II Yr
- III Yr
- IV Yr

Mr. E.Hariharan - Day 1 Session Feedback \*

- Excellent
- Good
- Fair

Mr. Sasi Pradeep Raja - Day 2 Session Feedback \*

- Excellent
- Good
- Fair

Questions Responses **74** Settings

Mr. Sasi Pradeep Raja - Day 2 Session Feedback \*

- Excellent
- Good
- Fair

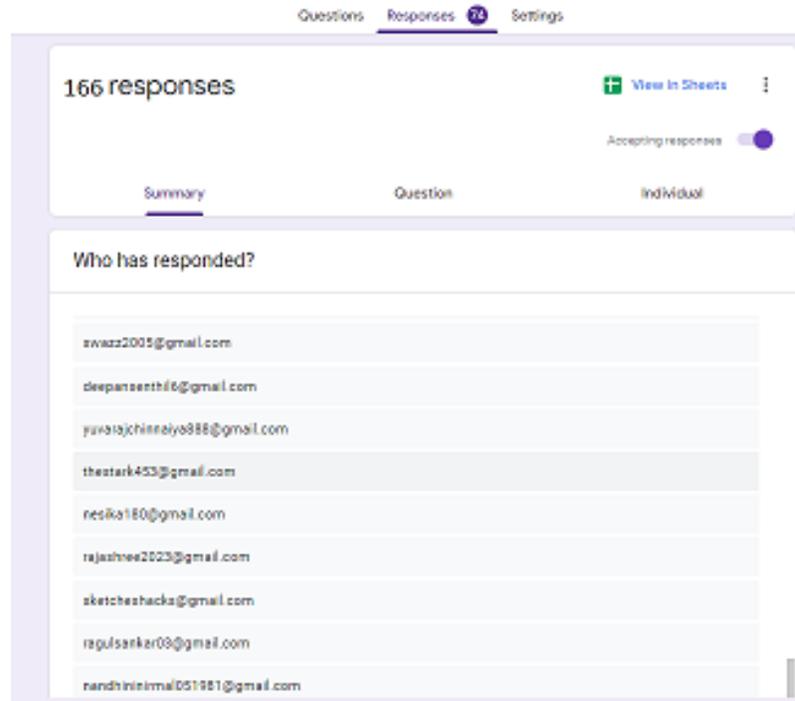
Mr. Sasikumar - Day 3 Session Feedback

- Excellent
- Good
- Fair

Comments \*

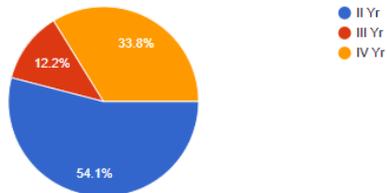
Long answer text

## 3 Day WORKSHOP ON FROM DESIGN TO PATENT



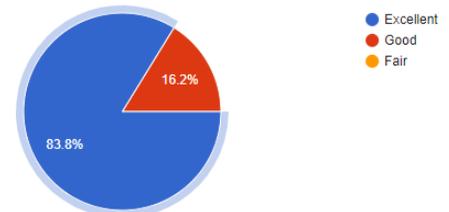
Year

166 responses



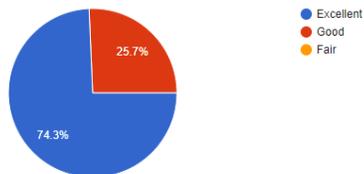
Mr. E.Hariharan - Day 1 Session Feedback

166 responses



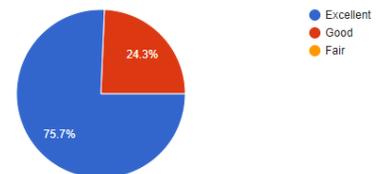
Mr. Sasi Pradeep Raja - Day 2 Session Feedback

166 responses



Mr. Sasikumar - Day 3 Session Feedback

166 responses



### Sample Comments

Thank you so much for giving us a wonderful training. It's very useful to us

Very informative talk

Excellent Sessions and of course the flow of covering topics is great.

Thank you for ur wonderful sessions. Gained a lot of knowledge from your sessions .

Really very useful to learn more practically

Thank you for this wonderful session I had learn many things from this.



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**ACADEMIC YEAR**

**2023 - 2024 / EVEN SEMESTER**

***3 DAY WORKSHOP REPORT***

*25.05.2024 - 27.05.2024*

*On*

**FROM DESIGN TO PATENT**