



## SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai & Accredited by NAAC )  
Dindigul-Palani Highway, Dindigul

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

01.02.2023

#### CIRCULAR

The Department of CSE has planned to conduct a **Technology Training** for **IV year - CSE** students on "**Web Development**", by CADD CAE Technology, Coimbatore from 06.02.2023 to 17.02.2023 (10 days) at CSE lab II. All our final year students are expected to attend this training without fail.

*U.P.H.S., 08.02.23  
21/2/23*  
Programme Co-Ordinators:  
Ms. N. Padma Priya, AP/CSE  
Mr.G.Murugan AP/CSE  
Mrs. S. Suganya, AP/CSE

*6.2.23*  
HoD/CSE  
(Dr.C.Sujatha)

*D.S.K*  
Principal  
(Dr.D.Senthil Kumaran)

02.02.2023

From  
Dr.C.Sujatha,  
Prof & Head /CSE,  
SSM Institute of Engineering and Technology,  
Dindigul – Palani Highway,  
Dindigul.

To  
The Principal,  
SSM Institute of Engineering and Technology,  
Dindigul – Palani Highway,  
Dindigul.

Respected Sir,

Sub: Requisition for conducting Technology Training on Web Development-reg.

We wish to bring to your kind notice that a Technology Training is planned to be conducted for IV CSE on "**Web Development**", by CADD CAE Technology, Coimbatore from 06.02.2023 to 17.02.2023 (10 days). In this regard, we seek your permission for the conduct of the training programme.

Thanking you,

Yours faithfully,

*G. H. K*  
*27/2/23*  
(Dr.C.Sujatha)

1. N. P. H  
2/2/23  
3. M. G. S. Suganya  
Programme Co-Ordinators:

Ms. N. Padma Priya, AP/CSE  
Mr.G.Murugan AP/CSE  
Mrs. S. Suganya, AP/CSE

A  
B  
D  
P  
S  
G



# SSM

INSTITUTE OF ENGINEERING AND  
TECHNOLOGY

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO ANNA UNIVERSITY, CHENNAI  
ACCREDITED BY NAAC | ACCREDITED BY NBA (ECE, EEE, MECH UG PROGRAMS)

## TECHNOLOGY TRAINING

FOR FINAL YEAR STUDENTS

on

## WEB DEVELOPMENT

by

CADD CAE TECHNOLOGY, COIMBATORE

### DATE

From 06/02/2023  
To 17/02/23

### VENUE

CSE lab II

HOD/CSE  
DR. C. SUJATHA

PRINCIPAL  
DR. D. SENTHIL KUMARAN

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REG : SYLLABUS FOR WEB APP DEVELOPMENT  Inbox 

V

**Venkat Raman** <ctgvenkat@gmail.com>  
to me, SSM, Kumaresh ▾

Dear Madam,

Please find an attachment of syllabus on web application development for 60hrs as required by you

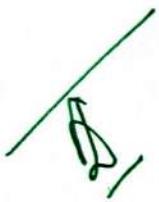
The cost per student would be Rs.1750 + GST.

Please look into it and if there are any modules to be added. Please revert .

Thanking You.

With Regards

N.Venkatraman,  
Director, Head - Marketing & HR,  
**CADD TECHNOLOGIES School of Design Private Limited,**  
Coimbatore, Tamil Nadu,  
HP : + 91 9842003196



## **WEB DESIGNING SYLLABUS**

**No. of days = 10**

**Total Hours: 60**

### **HTML: (2 days => 12 hrs)**

- Introduction to HTML
- Basics of HTML
  - Browsers and HTML
  - Editor's Offline and Online
  - Tags, Attribute and Elements
  - Doctype Element
  - Comments
- Headings, Paragraphs, and Formatting Text
- Lists and Links
- Images and Tables
- Forms and Inputs
- Formatting Tags

### **CSS:**

- CSS Basics & Selectors
- CSS Styles Forms
- CSS Colors & Backgrounds
- CSS Margins & Padding
- CSS Width & Height
- CSS Links
- CSS Blocks

### **BOOTSTRAP:**

- What is Bootstrap?
- Bootstrap Button

- Bootstrap Dropdown
- Bootstrap Modal
- Bootstrap Popover
- Bootstrap Tooltip
- Bootstrap Tabs

## JAVASCRIPT: (3 days => 18 hrs)

### DOM Manipulation

JavaScript HTML DOM changing CSS, Javascript HTML DOM Animation, DOM Events, Event Listener, DOM Navigation, DOM Elements (Nodes), DOM Node Lists.

### Client Side Validation

Forms validation.

### JavaScript Fetch API

Fetch API, Fullscreen API, Geolocation API, History API, MediaQuery List Object, Storage API, Validation API and Web API.

### Callbacks

Function Sequence, Sequence Control.

### Promises Object

### JavaScript Async/Await

Async and Await

## **Node.js: (3 days => 18 hrs)**

- Node.js Basics for front-end
- What is Node and npm?
- Third Party front-end Modules
  - HTTP Modules
  - URL Modules
  - Events
- Node.js Upload Files
- Node.js Email

## **Reactjs: (2 days => 12 hrs)**

- Reactjs Basics
- Functional Components
- Class, props, Events, Conditionals
- Lists, Forms, Router, Memo
- Reactjs CSS Styling, Sass Styling
- Basics Hooks (useState,useEffect, useContext)
  - useRef
  - useReducer
  - useCallback
  - useMemo
  - Custom Hooks

2 ✓

## Resource Person Profile

**ATHEESH KUMAR S**

*IT - Trainer*

[ctgatheeesh@gmail.com](mailto:ctgatheeesh@gmail.com)



### Educational Credentials:

**Professional Degree:** MCA

*Bharathiar University, Coimbatore*

### Work Experience:

S.No	Organization	Designation	Total Years
1	IT, Division of CADD TECHNOLOGIES	<i>IT - Trainer</i>	3 Months
2	Falcon Orange Technologies	<i>Software Developer</i>	1 Year 2 Months
Total years			1 Year 5 Months

### Technical Skills:

**Operating systems:** Windows 7/8.1/10/11

**Research Tools :** HTML , CSS, JavaScript, React js & Node js

**Embedded Tools :** Python

### Professional Experience:

- Having Hands on experience in software development field in Digital-Product unit.
- Done the Project - Substrates Inventory Management system using python and JavaScript for B2B Customer.
- Provided Training for Arts, B.E. students as well as Research Scholars from Various Institutions in and around Tamilnadu.
- Active in Self Learning Tools.



**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year : 2022-2023 (Even Semester)  
Batch:2019-2023      Year: IV      Semester: VIII

**Technology Training - Attendance sheet**

S.No	Register Number	Name of the Student	6/2/23	6/2/23	7/2/23	7/2/23	8/2/23	8/2/23
			FN	AN	FN	AN	FN	AN
1	922119104001	AARTHICKRAJA A.P	Present	Absent	Present	Absent	Present	Absent
2	922119104002	AKASH S	Present	Absent	Present	Absent	Present	Absent
3	922119104003	AKASH V S	VS Akash					
4	922119104004	ANANTHA NIVETHAN G R	Anand	Anand	Anand	Anand	Anand	Anand
5	922119104005	ARAVINDHAN G	GA	GA	GA	GA	GA	GA
6	922119104006	BENAZIR S	Benazir	Benazir	Benazir	Benazir	Benazir	Benazir
7	922119104007	CATHERIN FREEDA F	Flatherin	Flatherin	Flatherin	Flatherin	Flatherin	Flatherin
8	922119104008	DEVADHARSHINI S	Devadharshini	Devadharshini	Devadharshini	Devadharshini	Devadharshini	Devadharshini
9	922119104009	DHANUSH KODI R	DKodi	DKodi	DKodi	DKodi	DKodi	DKodi
10	922119104010	DINESHKUMAR B	Dinesh	Dinesh	Dinesh	Dinesh	OD	OD
11	922119104011	DRISHYA R	R.Drisha	R.Drisha	R.Drisha	R.Drisha	OD	OD
12	922119104012	GURU V	Guru	Guru	Guru	Guru	Guru	Guru
13	922119104013	HEMA S	S.HM	S.HM	S.HM	S.HM	S.HM	S.HM
14	922119104014	JABITHA B	B.Jab	B.Jab	B.Jab	B.Jab	B.Jab	B.Jab
15	922119104015	JAYASURIYA K.S	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya
16	922119104016	JEBARSON S	Jebarson	Jebarson	Jebarson	Jebarson	Jebarson	Jebarson
17	922119104017	JOSI ISITHOR A	Josi.Isth	Josi.A	Josi.A	Josi.A	Josi.A	Josi.A
18	922119104018	KUBENDHRA S	OD	OD	OD	OD	OD	OD
19	922119104019	LAYASHREE V	Layashree	Layashree	Layashree	Layashree	Layashree	Layashree
20	922119104020	MADHUMITHA M	Mitha	Mitha	Mitha	Mitha	Mitha	Mitha
21	922119104023	MENAKA C	C.Men	C.Men	C.Men	C.Men	C.Men	C.Men
22	922119104024	MOHAMED FAZIL S	Fazil	Fazil	Fazil	Fazil	AB	AB
23	922119104025	NIVETHITHA S Y	OD	OD	OD	OD	OD	OD
24	922119104026	PERIYASAMY R	R.Periyas	R.Periyas	R.Periyas	R.Periyas	R.Periyas	R.Periyas
25	922119104027	PRADEESHYUVAN P	Pradeesh	Pradeesh	Pradeesh	Pradeesh	Pradeesh	Pradeesh
26	922119104028	PRASANNA M	OD	OD	OD	OD	OD	OD
27	922119104029	PRASANTH S	S.Rst	S.Rst	S.Rst	S.Rst	S.Rst	S.Rst
28	922119104030	PRAVEEN A	A.Pra	A.Pra	A.Pra	A.Pra	A.Pra	A.Pra

S.No	Register Number	Name of the Student	6/2/23	6/2/23	7/2/23	7/2/23	8/2/23	8/2/23
			FN	AN	FN	AN	FN	AN
29	922119104031	PRITHISHIKA S	S. Prithishika					
30	922119104032	PRIYADHARSHINI G	G. Priyadharshini					
31	922119104033	RAMJI K	R. Ramji					
32	922119104034	RAMKUMAR N	R. N.					
33	922119104035	RAMPRASANTH A	Ramprasanth	Ramprasanth	Ramprasanth	Ramprasanth	Ramprasanth	Ramprasanth
34	922119104036	SAHUL HAMEED A	A. Sahul Hameed					
35	922119104037	SANJAY NARAYANAN S	S. Sanjay Narayanan					
36	922119104038	SANTHOSH KUMAR S	S. S. S. S.					
37	922119104039	SANTHOSINI K	S. Santhosini					
38	922119104040	SARAVANAKUMAR G	S. Saravanan					
39	922119104041	SATHEESH KUMAR G	S. Satheesh Kumar					
40	922119104042	SHIFFIN PAUL J	S. Shiffin Paul					
41	922119104043	SRI VARSHINI K	AB	AB	AB	AB	AB	AB
42	922119104044	SUJIT SUKESHH S	M. Sujit					
43	922119104045	TAMIL SELVAN A	A. Tamil Selvan					
44	922119104046	VASANTH N	V. V. V. V.					
45	922119104047	VASANTHAN M P	M. P. V. S.					
46	922119104048	VIGNESHWARAN V	V. Vigneshwaran	V. Vigneshwaran	AB	AB	V. Vigneshwaran	V. Vigneshwaran
47	922119104049	VINO JOEL R	R. Vino Joel	R. Vino Joel	AB	AB	R. Vino Joel	R. Vino Joel
48	922119104050	VISHWA BHARATHI J	J. Vishwa Bharathi					
49	922119104051	YASMIN J	J. Yasmin					
50	922119104052	YOGESH S	S. Y. S. Y.					
51	922119104301	ASHOK KUMAR G	G. Ashok Kumar					
52	922119104302	GURUBALAN A	A. Gurubalan					
53	922119104303	RUBAN M	M. Ruban					
54	922119104304	SUJITH R	R. Sujith					
55	922119104502	ROSE MISHNA M	M. Rose Mishna					
OD Count			03	03	03	03	05	05
Total No Of Present			51	51	50	50	49	49
Total No Of Absent			01	01	02	02	01	01
Faculty Signature			N.P.H.S	N.P.H.S	N.P.H.S	N.P.H.S	N.P.H.S	N.P.H.S

6. LTR

HOD/CSE

PRINCIPAL



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year : 2022-2023 (Even Semester)

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Year: IV

Semester: VIII

## Technology Training - Attendance sheet

S.No	Register Number	Name of the Student	9/2/23	9/2/23	10/2/23	10/2/23	13/2/23	13/2/23
			FN	AN	FN	AN	FN	AN
1	922119104001	AARTHICKRAJA A.P	OD	OD	AB	AB	AB	AB
2	922119104002	AKASH S	OD	OD	OD	OD	OD	OD
3	922119104003	AKASH V S	Ab	Ab	Ab	Ab	Ab	Ab
4	922119104004	ANANTHA NIVETHAN G R	OD	OD	AB	AB	AB	AB
5	922119104005	ARAVINDHAN G	AB	AB	AB	AB	AB	AB
6	922119104006	BENAZIR S	OD	OD	BENAZIR	BENAZIR	BENAZIR	BENAZIR
7	922119104007	CATHERIN FREEDA F	Catherin freeda	Catherin freeda	Catherin freeda	Catherin freeda	Catherin freeda	Catherin freeda
8	922119104008	DEVADHARSHINI S	Erthi	Erthi	Erthi	Erthi	Erthi	Erthi
9	922119104009	DHANUSH KODI R	OD	OD	OD	OD	OD	OD
10	922119104010	DINESHKUMAR B	BD	BD	BD	BD	BD	BD
11	922119104011	DRISHYA R	OD	OD	OD	OD	OD	OD
12	922119104012	GURU V	OD	OD	AB	AB	AB	AB
13	922119104013	HEMA S	He	He	He	He	He	He
14	922119104014	JABITHA B	B.LS	B.LS	B.LS	B.LS	B.LS	B.LS
15	922119104015	JAYASURIYA K.S	Ks	Ks	Ks	Ks	Ks	Ks
16	922119104016	JEBARSON S	S.J	S.J	S.J	S.J	AB	AB
17	922119104017	JOSI ISITHORA	Josi	Josi	AB	AB	Josha	Josia
18	922119104018	KUBENDHRA S	OD	OD	OD	OD	OD	OD
19	922119104019	LAYASHREE V	Layat	Layat	OD	OD	OD	OD
20	922119104020	MADHUMITHA M	Madly	Madly	OD	OD	OD	OD
21	922119104023	MENAKA C	C.MJ	C.MJ	C.MJ	C.MJ	C.MJ	C.MJ
22	922119104024	MOHAMED FAZIL S	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
23	922119104025	NIVETHITHA S Y	OD	OD	OD	OD	OD	OD
24	922119104026	PERIYASAMY R	R.P	R.P	R.P	R.P	R.P	R.P
25	922119104027	PRADEESHYUVAN P	P.D.M.	P.D.M.	P.D.M.	P.D.M.	P.D.M.	P.D.M.
26	922119104028	PRASANNA M	OD	OD	OD	OD	OD	OD
27	922119104029	PRASANTH S	S.P	S.P	S.P	S.P	S.P	S.P
28	922119104030	PRAVEEN A	A.Pawar	A.Pawar	A.Pawar	A.Pawar	A.Pawar	A.Pawar

S.No	Register Number	Name of the Student	9/2/22 FN	9/2/22 AN	10/2/23 FN	10/2/23 AN	10/2/23 PN	10/2/23 AN
29	922119104031	PRITHISHIKA S	Prithi Prithi		AB	AB	Disha	Disha
30	922119104032	PRIYADHARSHINI G	Priya Priya		PN	PN	Priya	Priya
31	922119104033	RAMJI K	OD	OD	OD	OD	OD	OD
32	922119104034	RAMKUMAR N	N. Ram.	N. Ram.	N. Ram.	N. Ram.	N. Ram.	N. Ram.
33	922119104035	RAMPRASANTH A	A. Ram.	A. Ram.	A. Ram.	A. Ram.	A. Ram.	A. Ram.
34	922119104036	SAHUL HAMEED A	OD	OD	OD	OD	OD	OD
35	922119104037	SANJAY NARAYANAN S	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
36	922119104038	SANTHOSH KUMAR S	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
37	922119104039	SANTHOSINI K	Santhosini	Santhosini	Santhosini	Santhosini	Santhosini	Santhosini
38	922119104040	SARAVANAKUMAR G	Saravanan	Saravanan	Saravanan	Saravanan	Saravanan	Saravanan
39	922119104041	SATHEESH KUMAR.G	Satheesh	Satheesh	Satheesh	Satheesh	Satheesh	Satheesh
40	922119104042	SHIFFIN PAUL J	J. Shiff.	J. Shiff.	J. Shiff.	J. Shiff.	J. Shiff.	J. Shiff.
41	922119104043	SRI VARSHINI K	Sri Varshini	Sri Varshini	Sri Varshini	Sri Varshini	Sri Varshini	Sri Varshini
42	922119104044	SUJIT SUKESSH S	Sujit	Sujit	AB	AB	AB	AB
43	922119104045	TAMIL SELVAN A	Tamil Selvan	Tamil Selvan	Kiran	Kiran	AB	AB
44	922119104046	VASANTH N	Vasant	Vasant	OD	OD	OD	OD
45	922119104047	VASANTHAN M P	M. Vasant	M. Vasant	M. Vasant	M. Vasant	M. Vasant	M. Vasant
46	922119104048	VIGNESHWARAN V	OD	OD	OD	OD	OD	OD
47	922119104049	VINO JOEL R	AB	AB	P. Vino	P. Vino	P. Vino	P. Vino
48	922119104050	VISHWA BHARATHI J	Vishwa	Vishwa	Vishwa	Vishwa	Vishwa	Vishwa
49	922119104051	YASMIN J	Yasmin	Yasmin	Yasmin	Yasmin	Yasmin	Yasmin
50	922119104052	YOGESH S	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
51	922119104301	ASHOK KUMAR G	G. Ashok	G. Ashok	G. Ashok	G. Ashok	G. Ashok	G. Ashok
52	922119104302	GURUBALAN A	A. Gurubalan	A. Gurubalan	A. Gurubalan	A. Gurubalan	A. Gurubalan	A. Gurubalan
53	922119104303	RUBAN M	Ruban	Ruban	Ruban	Ruban	Ruban	Ruban
54	922119104304	SUJITH R	Rajith	Rajith	Rajith	Rajith	Rajith	Rajith
55	922119104502	ROSE MISHNA M	ROSE	ROSE	ROSE	ROSE	ROSE	ROSE
OD Count			13	13	11	11	11	11
Total No Of Present			41	41	40	40	40	40
Total No Of Absent			01	01	04	04	04	04
Faculty Signature			N.P.H	N.P.H	N.P.H	N.P.H	N.P.H	N.P.H

6.2.23

HOD/CSE

PRINCIPAL



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S.No	Register Number	Name of the Student	14/2/23 FN	14/2/23 AN	15/2/23 FN	15/2/23 AN	16/2/23 FN	16/2/23 AN
1	922119104001	AARTHICKRAJA A.P	AB	AB	AB	AB	AB	AB
2	922119104002	AKASH S	OD	OD	OD	OD	OD	OD
3	922119104003	AKASH V S	AKash	AKash	AKash	AKash	AKash	AKash
4	922119104004	ANANTHA NIVETHAN G R	AN	AN	AN	AN	AN	AN
5	922119104005	ARAVINDHAN G	AB	CA	AB	AB	AB	AB
6	922119104006	BENAZIR S	Benzio	Benzio	Benzio	Benzio	Benzio	Benzio
7	922119104007	CATHERIN FREEDA F	Katherin	Katherin	Katherin	Katherin	Catherin	Catherin
8	922119104008	DEVADHARSHINI S	AB	AB	Eva	Dava	Bhina	Gapha
9	922119104009	DHANUSH KODI R	OD	OD	OD	OD	OD	OD
10	922119104010	DINESHKUMAR B	DKP	DKP	DKP	DKP	DKP	DKP
11	922119104011	DRISHYA R	OD	OD	OD	OD	OD	OD
12	922119104012	GURU V	V.	V.	V.	V.	V.	V.
13	922119104013	HEMA S	tu	tu	tu	tu	tu	tu
14	922119104014	JABITHA B	B.Ly	B.Ly	B.Ly	B.Ly	B.Ly	B.Ly
15	922119104015	JAYASURIYA K.S	ksjy	ksjy	ksjy	ksjy	ksjy	ksjy
16	922119104016	JEBARSON S	S.Y	S.Y	S.Y	S.Y	S.Y	S.Y
17	922119104017	JOSI ISITHORA	Josi	Josi	Josi	Josi	Josi	Josi
18	922119104018	KUBENDHRA S	OD	OD	OD	OD	OD	OD
19	922119104019	LAYASHREE V	OD	OD	OD	OD	OD	OD
20	922119104020	MADHUMITHA M	OD	OD	OD	OD	OD	OD
21	922119104023	MENAKA C	MC	MC	MC	MC	MC	MC
22	922119104024	MOHAMED FAZIL S	S.M.F	S.M.F	S.M.F	S.M.F	S.M.F	S.M.F
23	922119104025	NIVETHITHA S Y	OD	OD	OD	OD	OD	OD
24	922119104026	PERIYASAMY R	PR	PR	PR	PR	PR	PR
25	922119104027	PRADEESHYUVAN P	P.Rade	P.Rade	P.Rade	P.Rade	P.Rade	P.Rade
26	922119104028	PRASANNA M	OP	OP	OP	OP	OP	OP
27	922119104029	PRASANTH S	S.P.S	S.P.S	S.P.S	S.P.S	S.P.S	S.P.S
28	922119104030	PRAVEEN A	A.Pav	A.Pav	A.Pav	A.Pav	A.Pav	A.Pav

S.No	Register Number	Name of the Student	14/2/23 FN	14/2/23 AN	15/2/23 FN	15/2/23 AN	16/2/23 FN	16/2/23 AN
29	922119104031	PRITHISHIKA S	Prithi	Prithi	Prithi	Prithi	Prithi	Prithi
30	922119104032	PRIYADHARSHINI G	Priya	Priya	Priya	Priya	Priya	Priya
31	922119104033	RAMJI K	OD	OD	OD	OP	OD	OD
32	922119104034	RAMKUMAR N	N. Ram					
33	922119104035	RAMPRASANTH A	A. Ram	A. Ram	AB	AB	A. Ram	A. Ram
34	922119104036	SAHUL HAMEED A	OD	OD	OD	OP	OD	OD
35	922119104037	SANJAY NARAYANAN S	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
36	922119104038	SANTHOSH KUMAR S	Lh	Lh	Lh	Lh	Lh	Lh
37	922119104039	SANTHOSINI K	Santhi	santhi	santhi	santhi	santhi	santhi
38	922119104040	SARAVANAKUMAR G	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj
39	922119104041	SATHEESH KUMAR G	Satish	Satish	Satish	Satish	Satish	Satish
40	922119104042	SHIFFIN PAUL J	AB	AB	AB	AB	J. Paul	J. Paul
41	922119104043	SRI VARSHINI K	Sri	Sri	Sri	Sri	Sri	Sri
42	922119104044	SUJIT SUKESSH S	AB	AB	Abt	Abt	AB	AB
43	922119104045	TAMIL SELVAN A	Tamil	Tamil	Tamil	Tamil	AB	AB
44	922119104046	VASANTH N	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
45	922119104047	VASANTHAN M P	Vasanthan	Vasanthan	Vasanthan	Vasanthan	Vasanthan	Vasanthan
46	922119104048	VIGNESHWARAN V	OD	OD	OD	OD	OD	OD
47	922119104049	VINO JOEL R	R. Vino	R. Vino	R. Vino	R. Vino	P. Vinoel	P. Vinoel
48	922119104050	VISHWA BHARATHI J	Vishwa	Vishwa	Vishwa	Vishwa	Vishwa	Vishwa
49	922119104051	YASMIN J	Yasmin	Yasmin	Yasmin	Yasmin	Yasmin	Yasmin
50	922119104052	YOGESH S	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
51	922119104301	ASHOK KUMAR G	G. Ashok					
52	922119104302	GURUBALAN A	A. Gurubalan					
53	922119104303	RUBAN M	M. Ruban					
54	922119104304	SUJITH R	R. Sujith	R. Sujith	R. Sujith	R. Sujith	Sujith	Sujith
55	922119104502	ROSE MISHNA M	Rose	Rose	AB	AB	Rose	Rose
OD Count			11	11	11	11	11	11
Total No Of Present			41	41	40	40	42	42
Total No Of Absent			3	3	4	4	2	2
Faculty Signature			(S)	(S)	(S)	(S)	(S)	(S)

6.28/16

HOD/CSE

D.P.

PRINCIPAC



**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year : 2022-2023 (Even Semester)

Batch:2019-2023

Year: IV

Semester: VIII

**Technology Training - Attendance sheet**

S.No	Register Number	Name of the Student	17/2/22 FN	17/2/22 AN
1	922119104001	AARTHICKRAJA A.P	A.R.Dhikraja	A.R.Dhikraja
2	922119104003	AKASH V S	Akash v.s	Akash.v.s
3	922119104004	ANANTHA NIVETHAN G R	Ananthanivethan G R	Ananthivethan G R
4	922119104005	ARAVINDHAN G	Aravindhan	Aravindhan
5	922119104006	BENAZIR S	Benazir	Benazir
6	922119104007	CATHERIN FREEDA F	Catherin Freeda	Catherin Freeda
7	922119104008	DEVADHARSHINI S	Devadharshini	Devadharshini
8	922119104010	DINESHKUMAR B	dinesh	dinesh
9	922119104012	GURU V	g.v	g.v
10	922119104013	HEMA S	S. Hema	S. Hema
11	922119104014	JABITHA B	B. Jabi	B. Jabi
12	922119104015	JAYASURIYA K.S	ka.jayan	ka.jayan
13	922119104016	JEBARSON S	Iebarson	Ibarson
14	922119104017	JOSI ISITHOR A	Josi	Josi
15	922119104023	MENAKA C	me.c	me.c
16	922119104024	MOHAMED FAZIL S	Mohamed Fazil	Mohamed Fazil
17	922119104026	PERIYASAMY R	Periyasamy	Periyasamy
18	922119104027	PRADEESHYUVAN P	Pra deeshyuvan	Pra deeshyuvan
19	922119104029	PRASANTH S	S.R.S	S.R.S
20	922119104030	PRAVEEN A	A.Praveen	A.Praveen
21	922119104031	PRITHISHIKA S	Prithishika	Prithishika
22	922119104032	PRIYADHARSHINI G	Priyadarshini	Priyadarshini
23	922119104034	RAMKUMAR N	N.Ram.	N.Ram.
24	922119104035	RAMPRASANTH A	A.Ram.	A.Ram.
25	922119104037	SANJAY NARAYANAN S	Sanjay Narayanan	Sanjay Narayanan

S.No	Register Number	Name of the Student	17/2/22 FN	17/2/22 AN
26	922119104038	SANTHOSH KUMAR S	<i>Lhr</i>	<i>Lhr</i>
27	922119104039	SANTHOSINI K	<i>Standup</i>	<i>Standout</i>
28	922119104040	SARAVANAKUMAR G	<i>hand ..</i>	<i>hand ..</i>
29	922119104041	SATHEESH KUMAR G	<i>By</i>	<i>By</i>
30	922119104042	SHIFFIN PAUL J	<i>J</i>	<i>J</i>
31	922119104043	SRI VARSHINI K	<i>Snouswok</i>	<i>87Dausok</i>
32	922119104044	SUJIT SUKESSH S	<i>Sujit Sukesh</i>	<i>Sujit Sukesh</i>
33	922119104045	TAMIL SELVAN A	<i>A Tamil Selvan</i>	<i>A Tamil Selvan</i>
34	922119104046	VASANTH N	<i>AB</i>	<i>AB</i>
35	922119104047	VASANTHAN M P	<i>M.P. left.</i>	<i>M.P. left.</i>
36	922119104049	VINO JOEL R	<i>R. Vino</i>	<i>R. Vino</i>
37	922119104050	VISHWA BHARATHI J	<i>Jish</i>	<i>Jish</i>
38	922119104051	YASMIN J	<i>Yasmin</i>	<i>Yasmin</i>
39	922119104052	YOGESH S	<i>Yogesh</i>	<i>Yogesh</i>
40	922119104301	ASHOK KUMAR G	<i>G.Dytry</i>	<i>G.Dytry</i>
41	922119104302	GURUBALAN A	<i>A.Cersel</i>	<i>A.Cersel</i>
42	922119104303	RUBAN M	<i>M.Ruban</i>	<i>M.Ruban</i>
43	922119104304	SUJITH R	<i>R.Sujith</i>	<i>R.Sujith</i>
44	922119104502	ROSE MISHNA M	<i>AB</i>	<i>AB</i>
Total No Of Present		42	42	
Total No Of Absent		02	02	
Faculty Signature		N.PMF	N.PMF	

6.2.21B

HOD/CSE

PRINCIPAL



**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## Technology Training on "Web Development"

Academic Year : 2022-2023 (Even Semester)

Semester: VIII

Year IV

**Feedback Link :** <https://forms.gle/08aTVBXCT2o4190f6>

Seitei. VIII

IEAI: 16

S.N	Timestamp	Register Number	Student Name	Language	Writen - Voice	Termi nology	Usage of OHP / LCD	Hand s-on Ability	Practi cal Answ er	Quest ion & Solvin g	Lab Demo nstrator	Depth of Cover age	Cond uct of Tutor als	Indus trial Produc ts	Guida nce Projec ts	Cond uct of Cours es	Umbia sed	Cordi al & Carrin g	Total	
26	2/17/2023 18:34:45	922119104038	SANTHOSH KUMARS	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
27	2/17/2023 17:30:43	922119104039	SANTHOSINK	5	5	4	5	5	5	5	5	10	10	5	5	5	5	5	99	
28	2/17/2023 18:49:50	922119104040	SARAVANAKUMARG	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
29	2/17/2023 18:45:21	922119104041	SATHEEESH KUMARG	4	4	5	5	4	5	5	4	5	10	10	5	5	5	5	5	96
30	2/17/2023 17:50:01	922119104042	SHIFFIN PAULJ	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
31	2/17/2023 17:55:18	922119104043	SRI VARSHINI K	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
32	2/18/2023 14:14:21	922119104044	SUJIT SUKESHH S	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
33	2/18/2023 13:35:44	922119104045	TAMIL SELVANA	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
34	2/18/2023 14:45:11	922119104046	VASANTH N	5	4	5	4	5	4	5	5	4	8	8	4	5	5	4	89	
35	2/18/2023 11:21:53	922119104047	VASANTHAN M P	4	4	4	4	4	4	4	4	7	7	4	4	4	4	4	78	
36	2/18/2023 13:36:03	922119104049	VINO JOEL R	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
37	2/18/2023 11:46:33	922119104050	VISHWA BHARATHI J	5	5	5	3	5	5	5	5	8	10	5	4	4	5	4	93	
38	2/17/2023 18:09:30	922119104051	YASMIN J	4	5	4	5	5	4	5	4	9	9	5	4	5	4	5	92	
39	2/17/2023 17:42:53	922119104052	YOGESH S	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
40	2/18/2023 15:26:39	922119104301	ASHOK KUMARG	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	100	
41	2/18/2023 13:18:16	922119104302	GURUBALANA	3	2	3	3	3	3	3	6	5	3	4	2	2	4	57		
42	2/17/2023 17:27:52	922119104303	RUBAN M	4	4	4	5	5	4	5	10	5	4	5	5	5	5	58		
43	2/18/2023 13:18:57	922119104304	SUJITH R	5	4	4	4	4	4	4	4	10	9	5	5	5	5	5	90	
44	2/18/2023 12:24:17	922119104502	ROSE MISHNA M	4	4	4	4	5	5	5	4	5	9	4	4	4	4	4	86	
		Average	4.6	4.5	4.6	4.5	4.6	4.5	4.5	4.5	8.9	8.6	4.5	4.4	4.4	4.4	4.5	90		

Principal –  
Dr.D.Senthil Kumaran

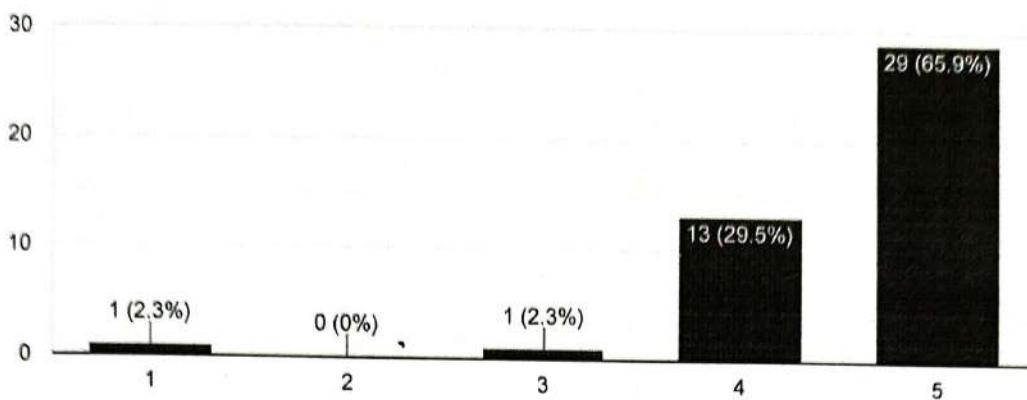
HoD/CSE  
Dr.C.Sujatha

Faculty Co-Ordinators  
Ms.N.Padmapriya,AP/CSE  
Mr.M.Murugan,AP/CSE  
Mrs.S.Suganya,AP/CSE

### Language

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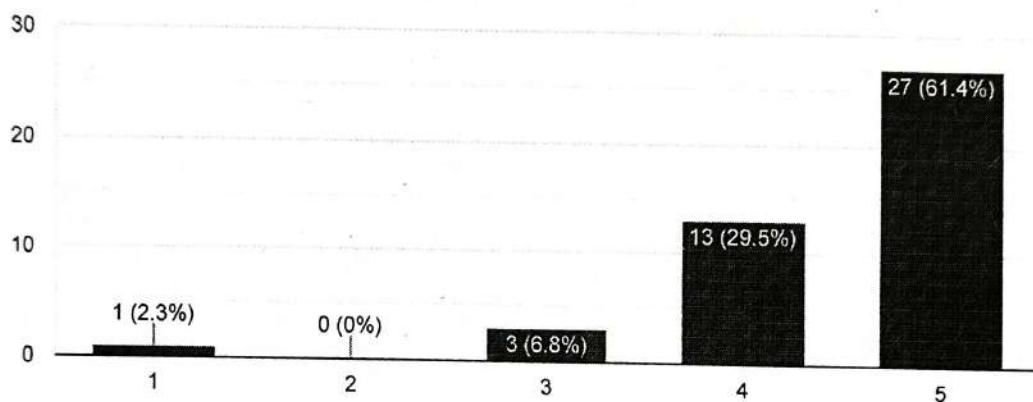
44 responses



### Voice

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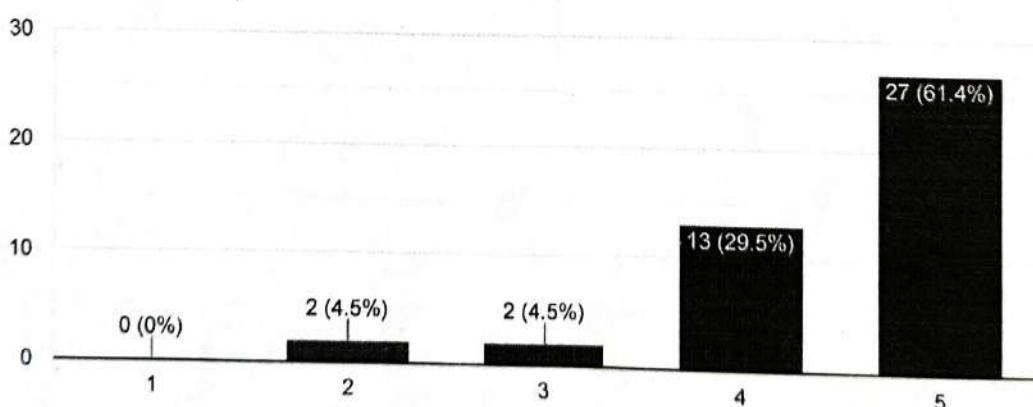
44 responses



### Written - Legible

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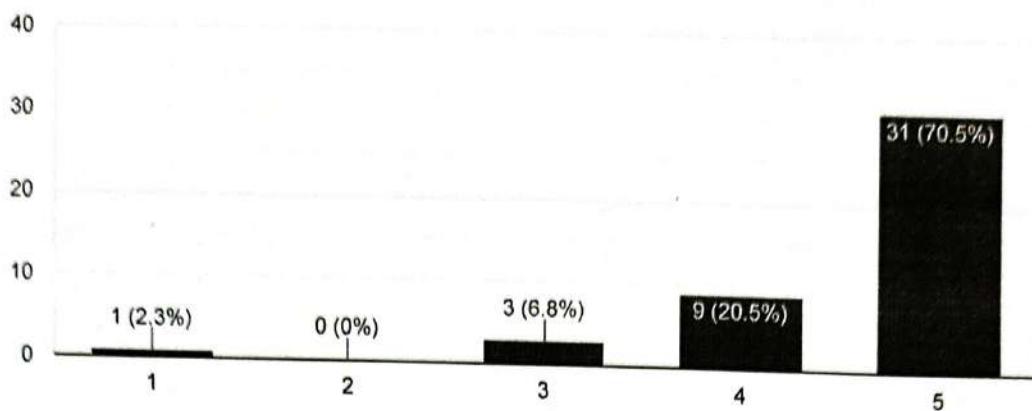
44 responses



## Terminology Introduction

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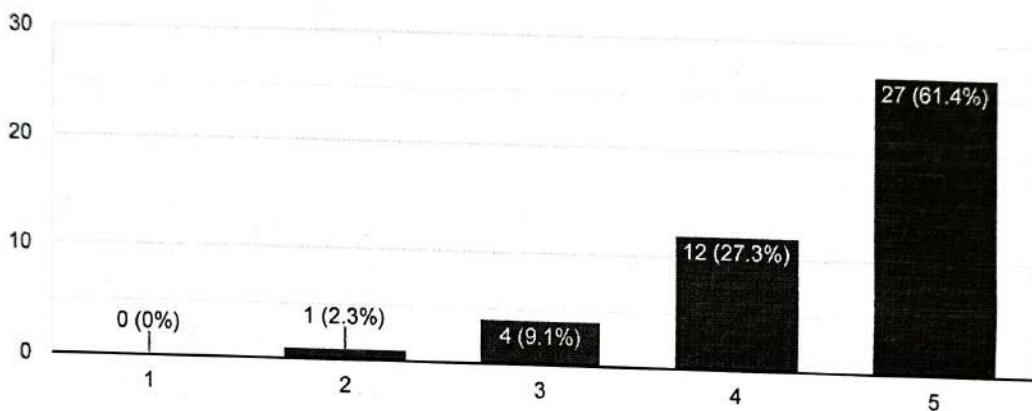
44 responses



## Diagrams

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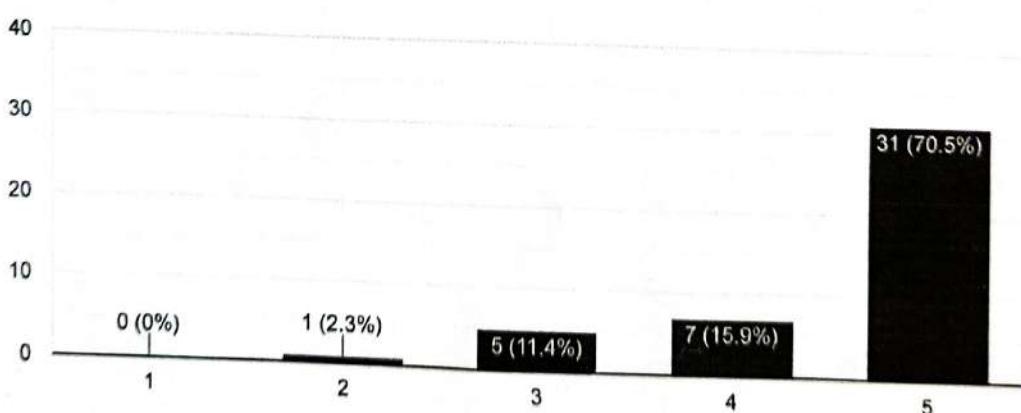
44 responses



## Usage of OHP/LCD

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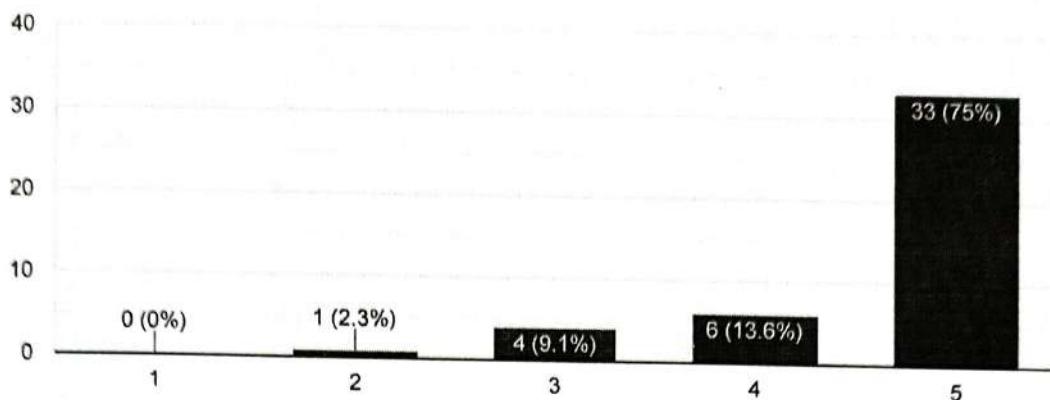
44 responses



### Hands-on Abilities

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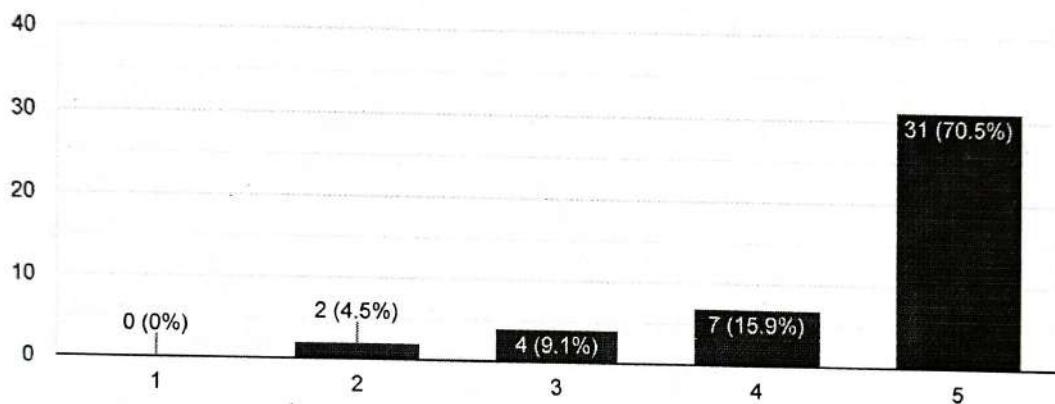
44 responses



### Lab Demonstrations

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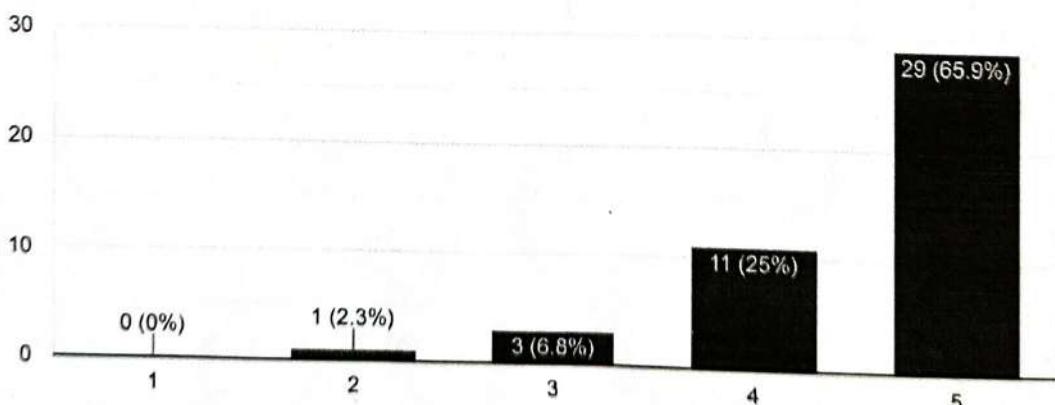
44 responses



### Question & Answer Sessions

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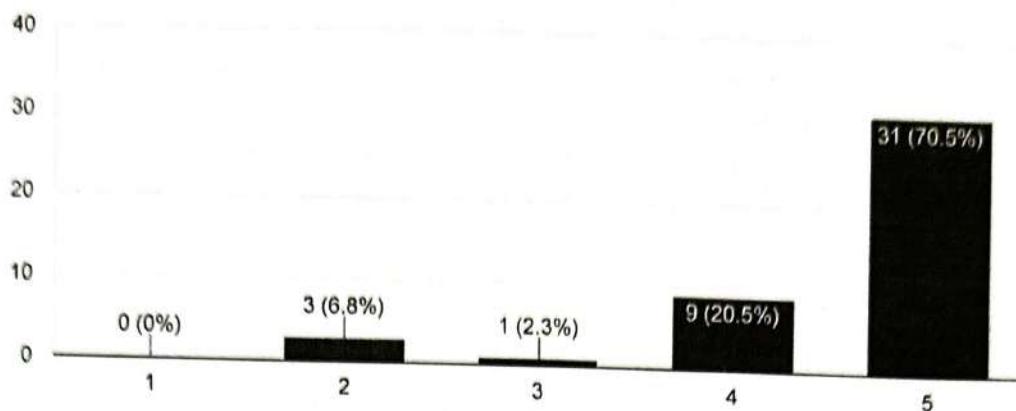
44 responses



### Problem Solving Capability

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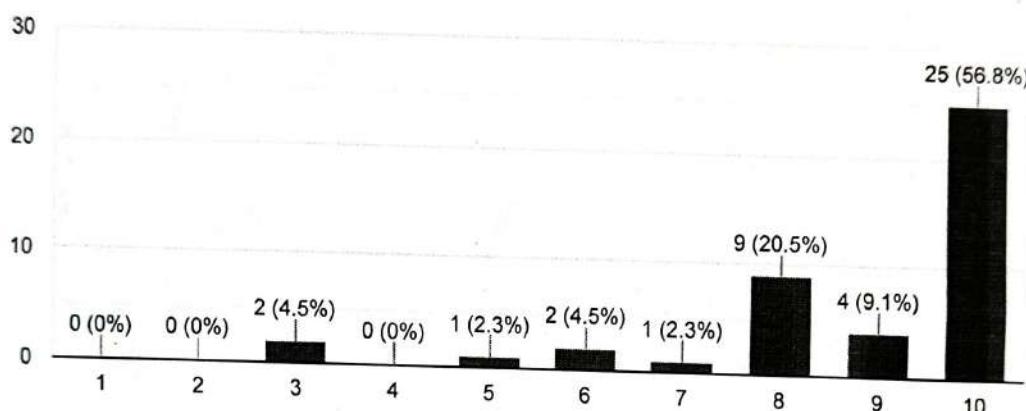
44 responses



### Practical Knowledge

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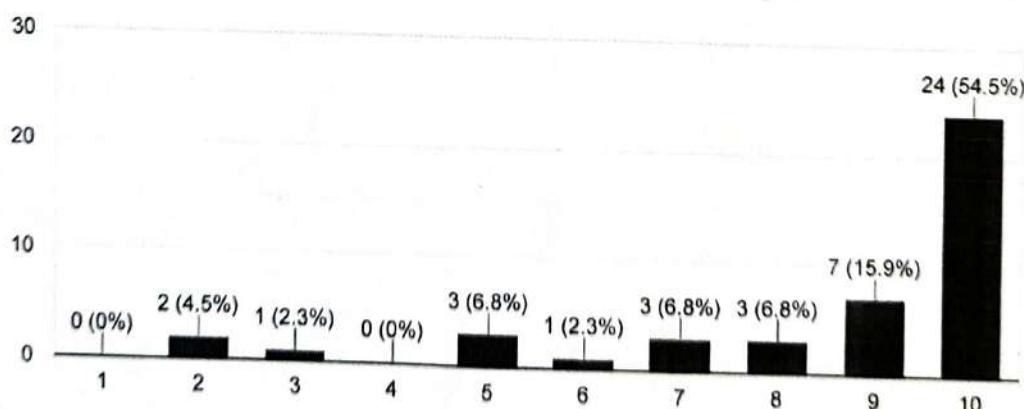
44 responses



### Depth of Coverage

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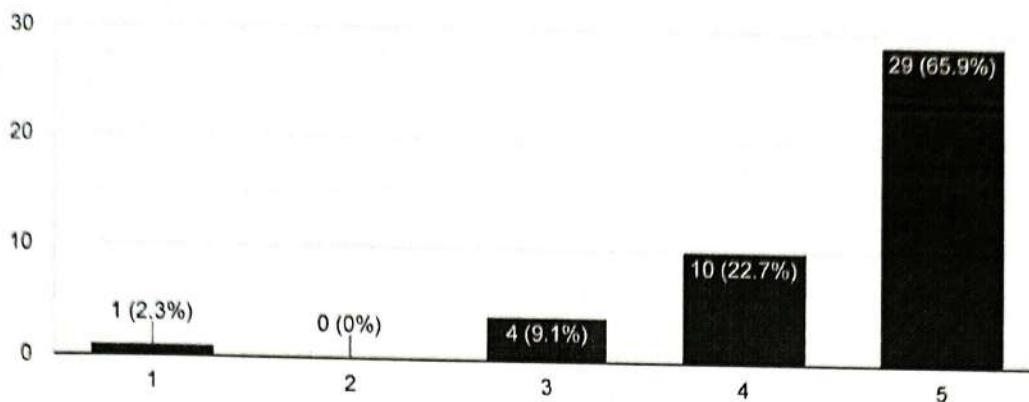
44 responses



### Conduct of Tutorials

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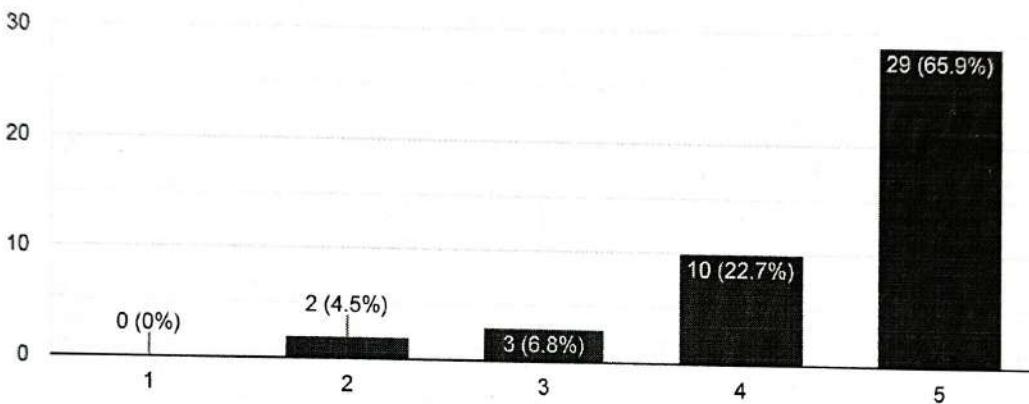
44 responses



### Industrial Products Exposure

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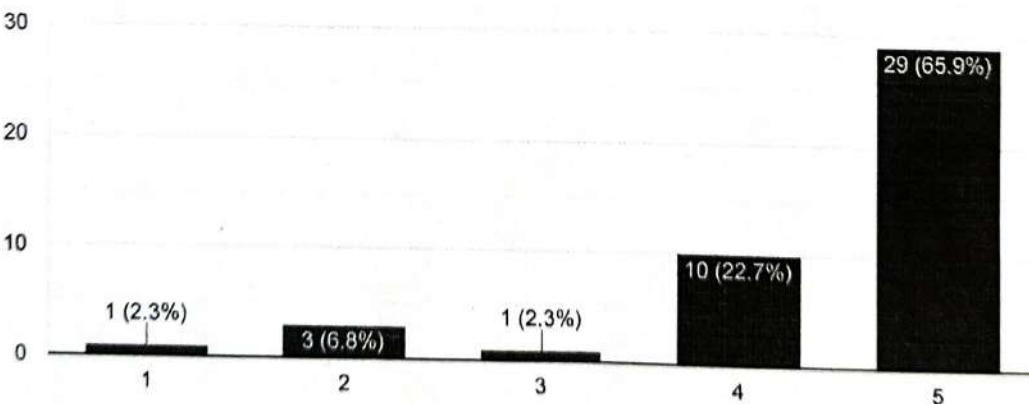
44 responses



### Guidance on Projects

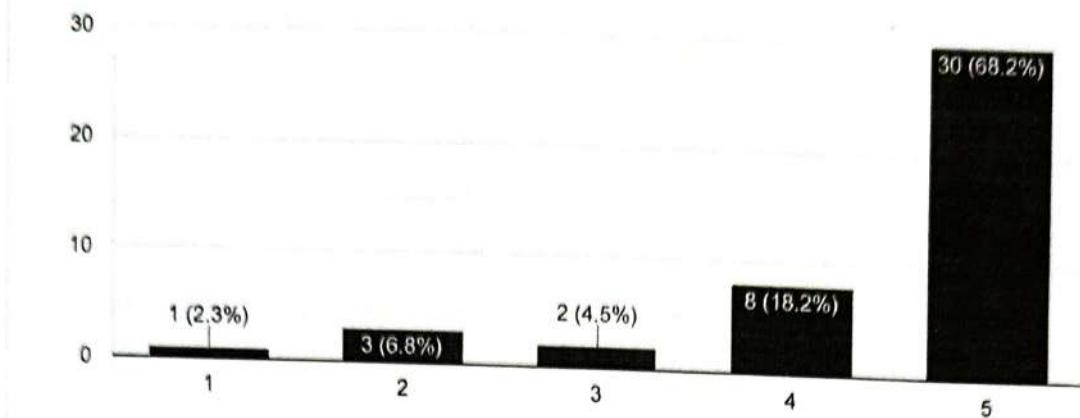
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44 responses



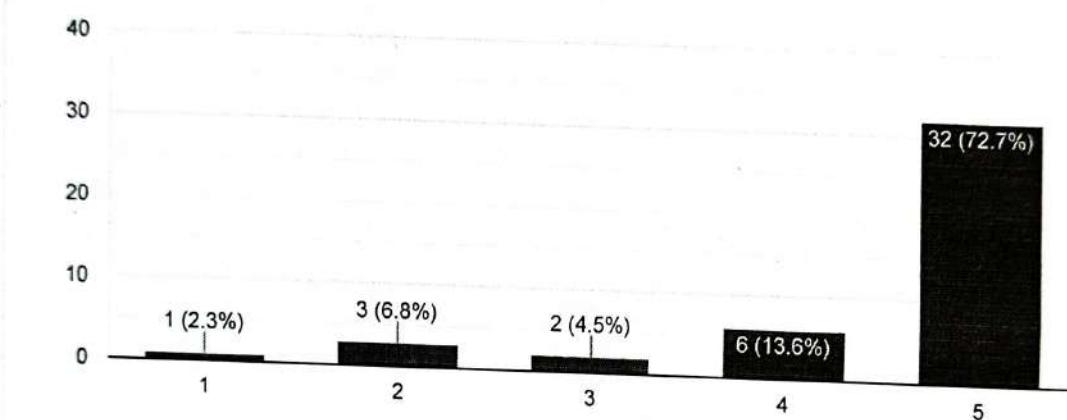
### Conduct of Course

44 responses

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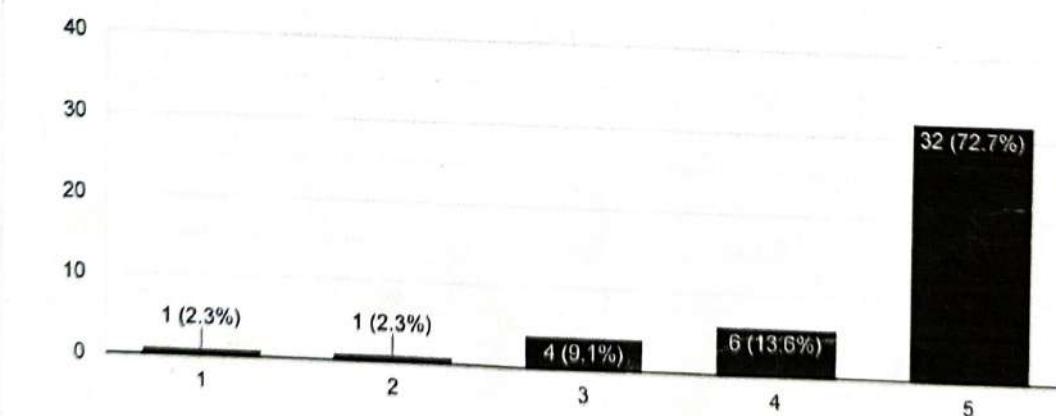
### Unbiased

44 responses

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### Cordial & Caring

44 responses

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## SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai & Accredited by NAAC )  
Dindigul-Palani Highway, Dindigul

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## Technology Training Report

<b>TOPIC</b>	Web Development
<b>YEAR</b>	IV-CSE
<b>TRAINER</b>	Mr.Atheesh Kumar, CADD Technologies
<b>DATE</b>	06.02.2023 to 17.02.2023 (10 days)
<b>VENUE</b>	SSMIET – CSE Lab -I
<b>TIME</b>	9.00A.M. -3.30 P.M.

N.P.P, OF  
Programme Co-Ordinators

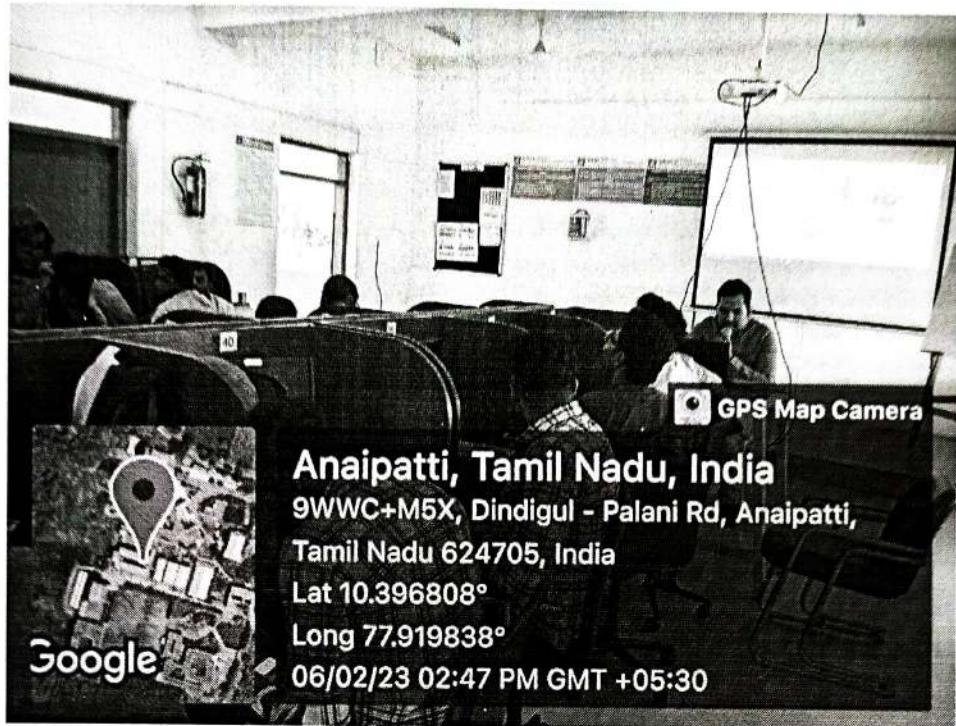
Ms. N. Padma Priya, AP/CSE  
Mr.G.Murugan AP/CSE  
Mrs. S. Suganya, AP/CSE

G.H/S  
HoD/CSE

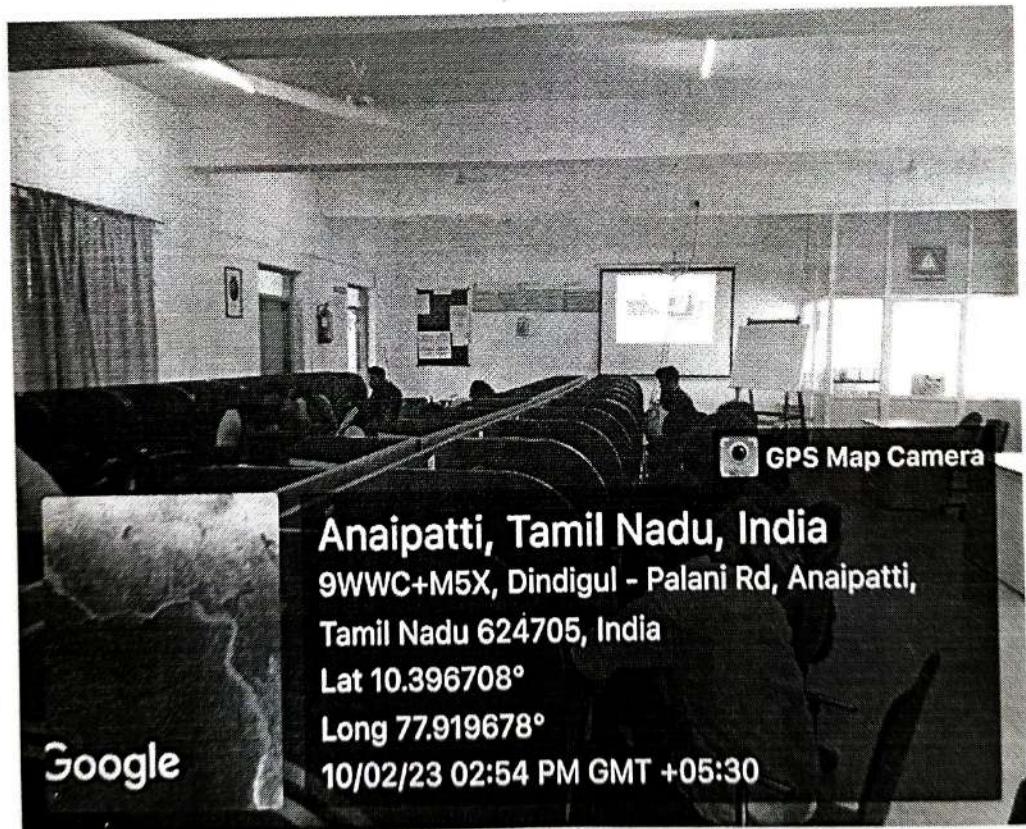
(Dr.C.Sujatha)

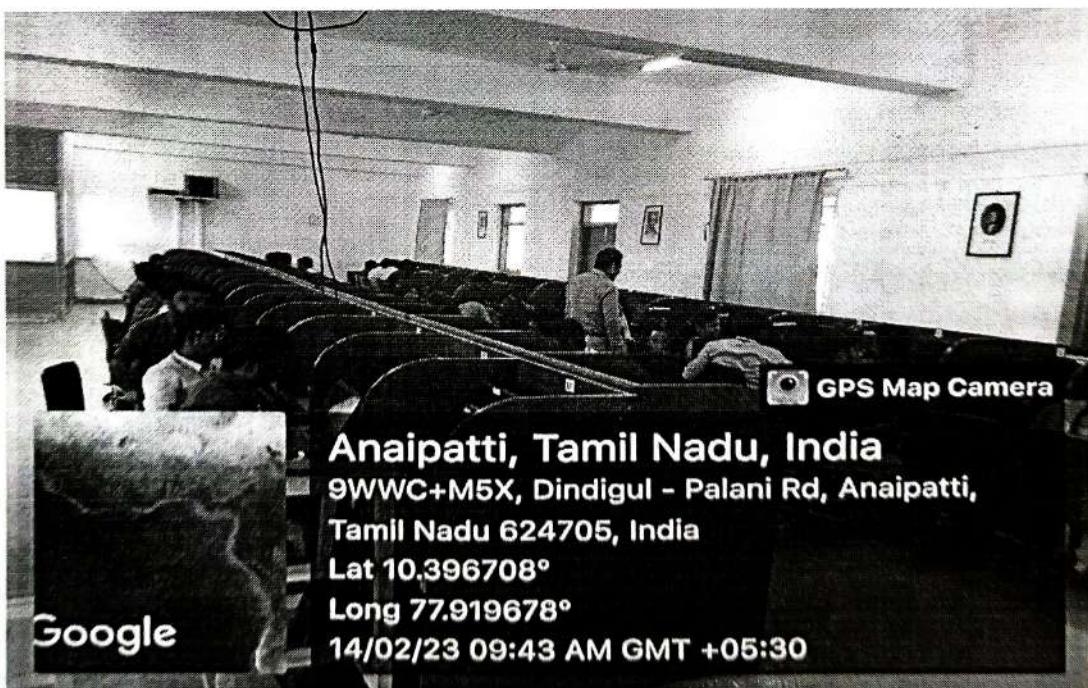
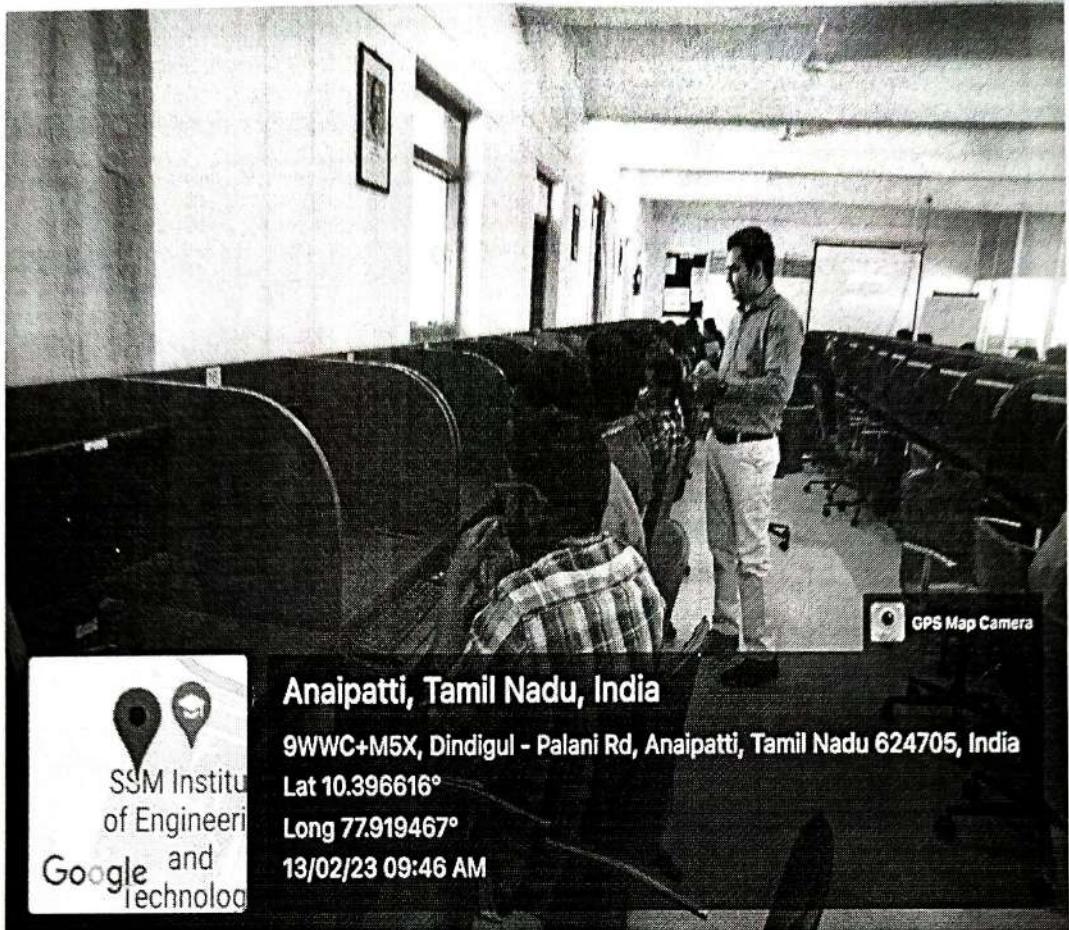
D.S.K  
Principal

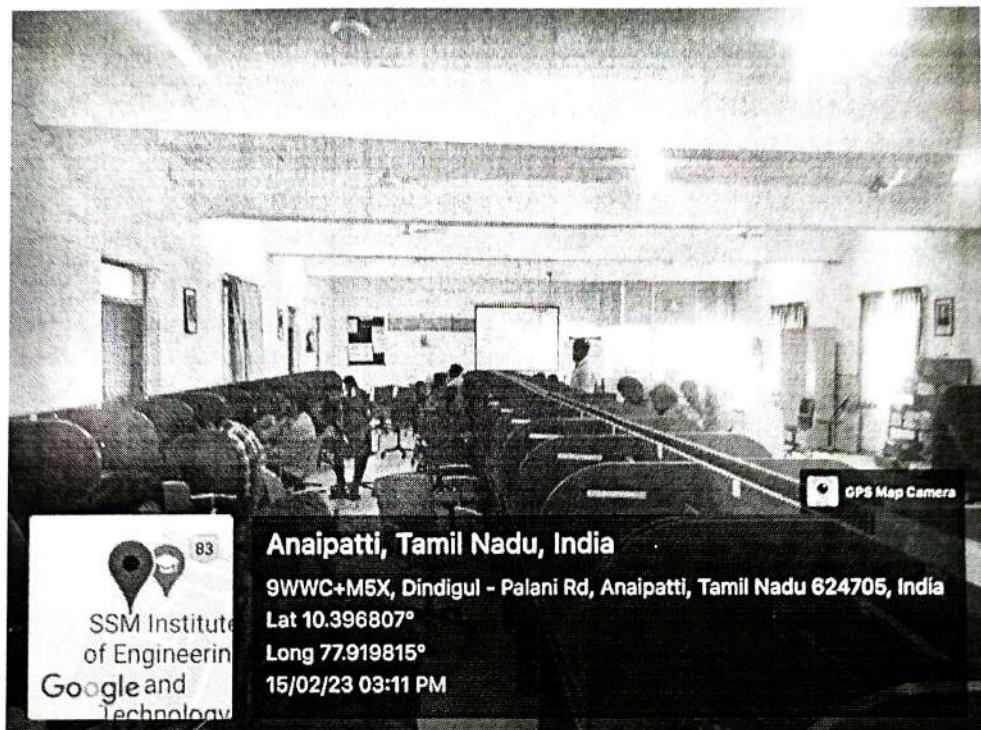
(Dr.D.Senthil Kumaran)

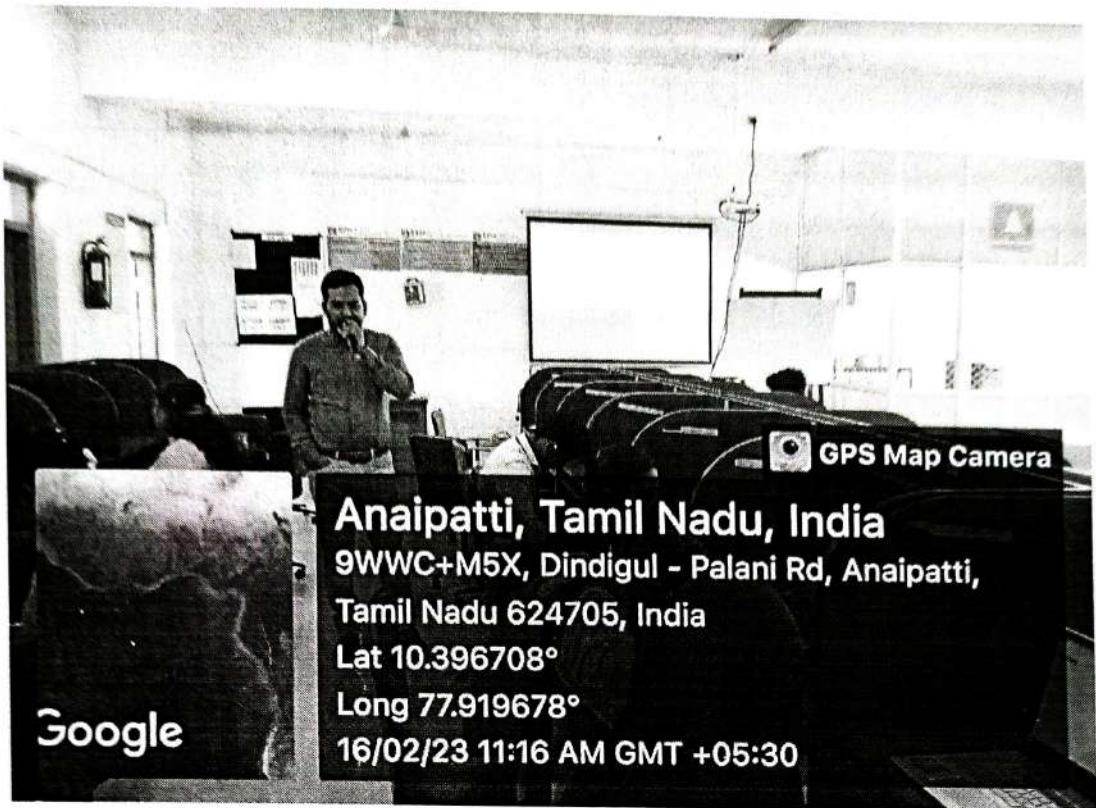


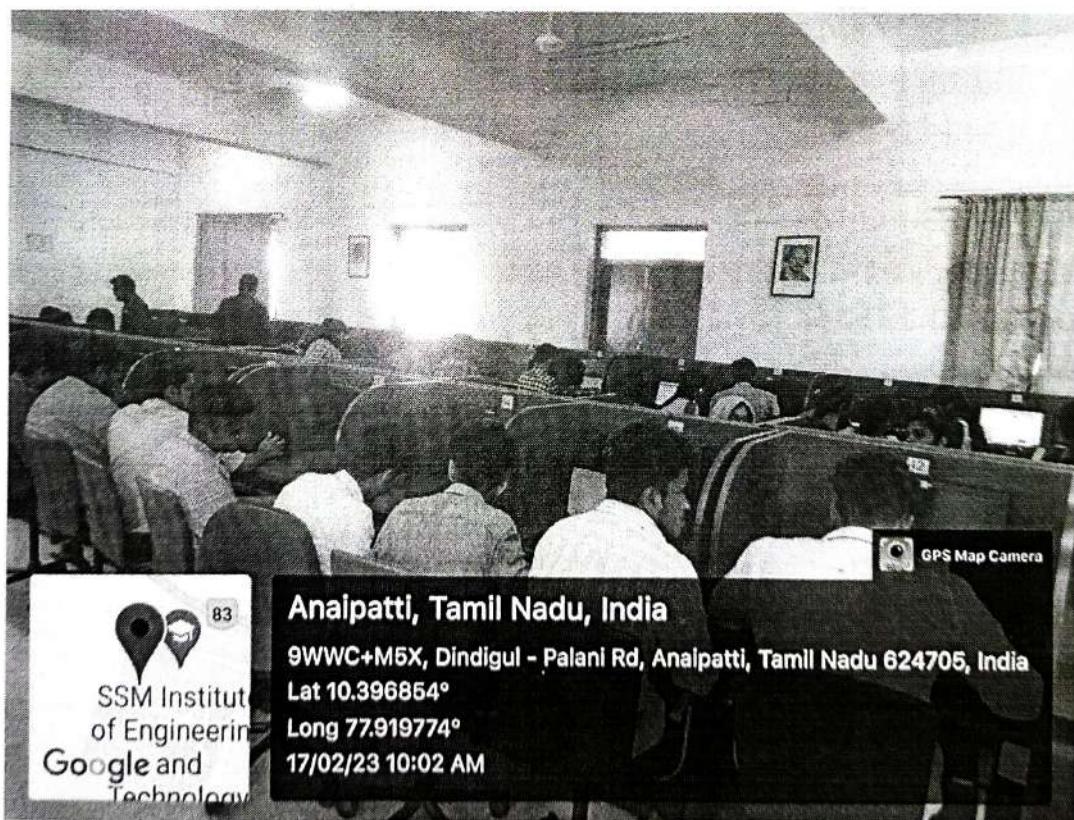








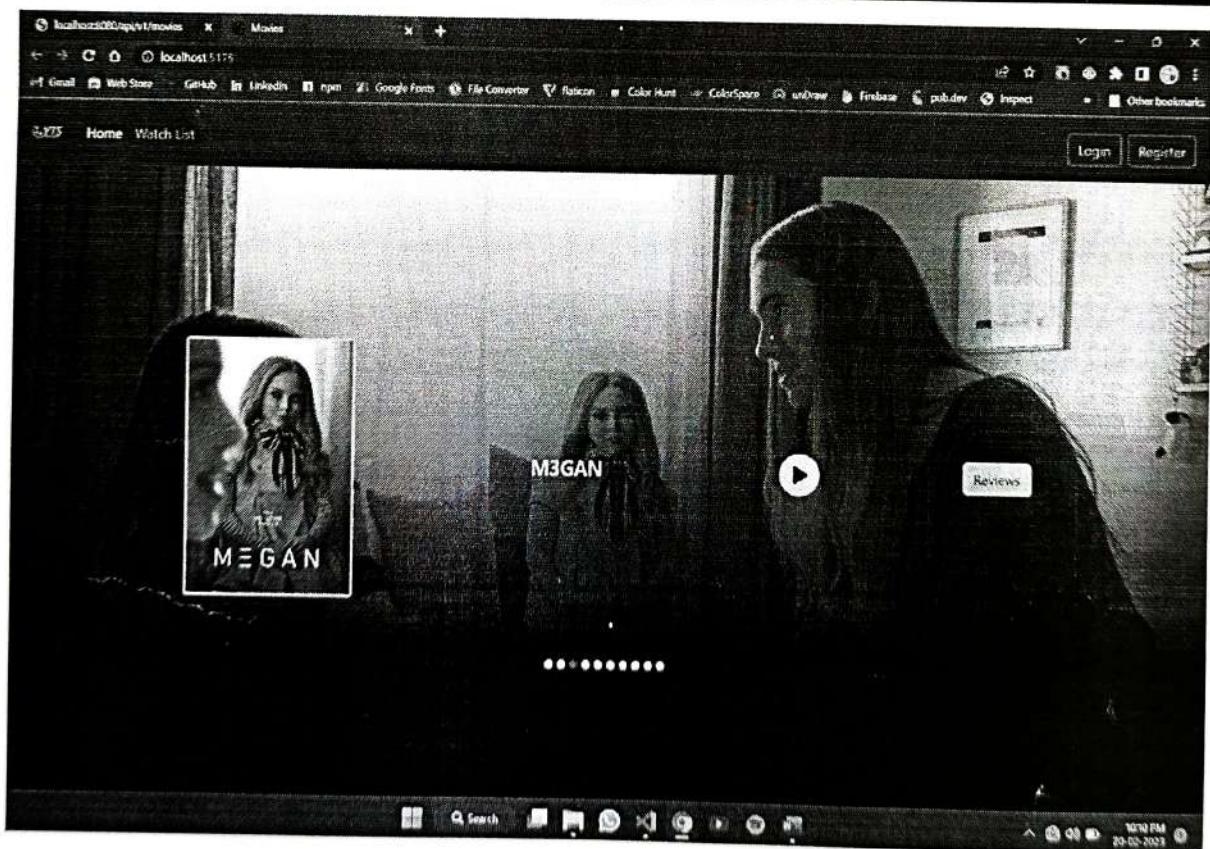
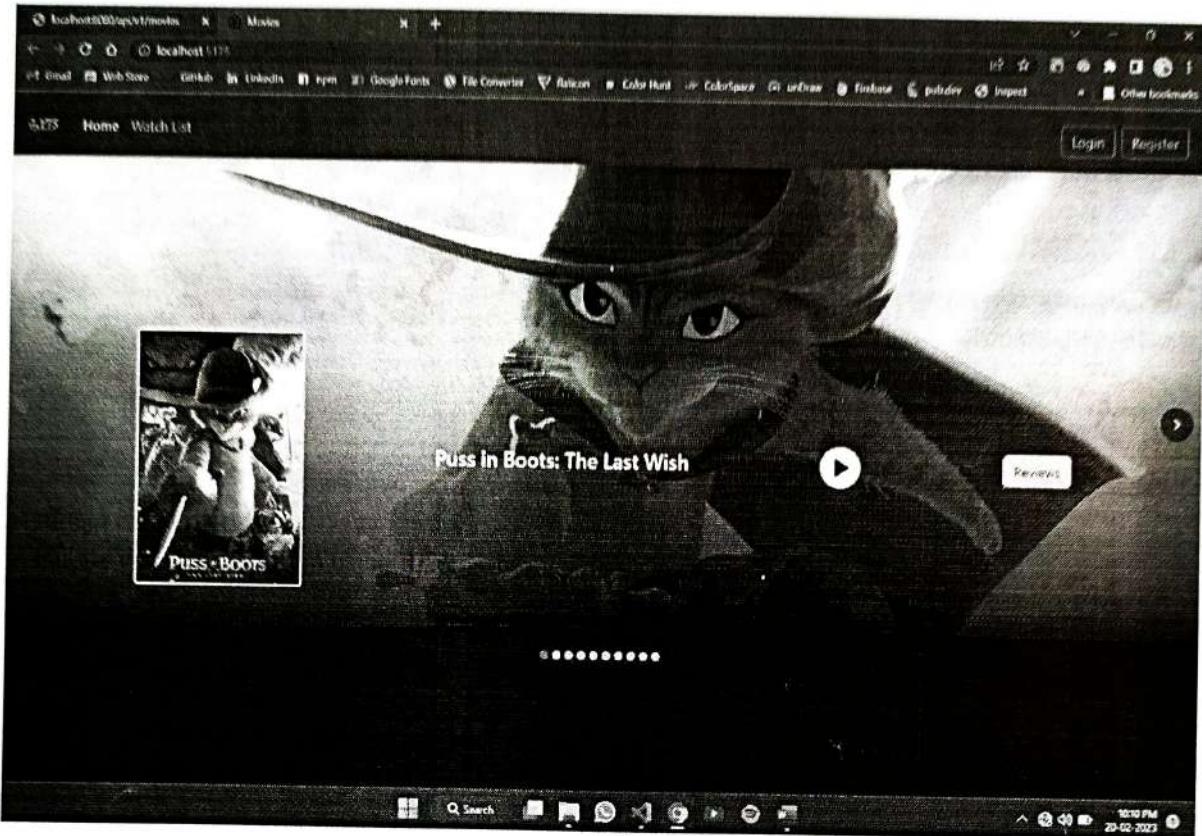




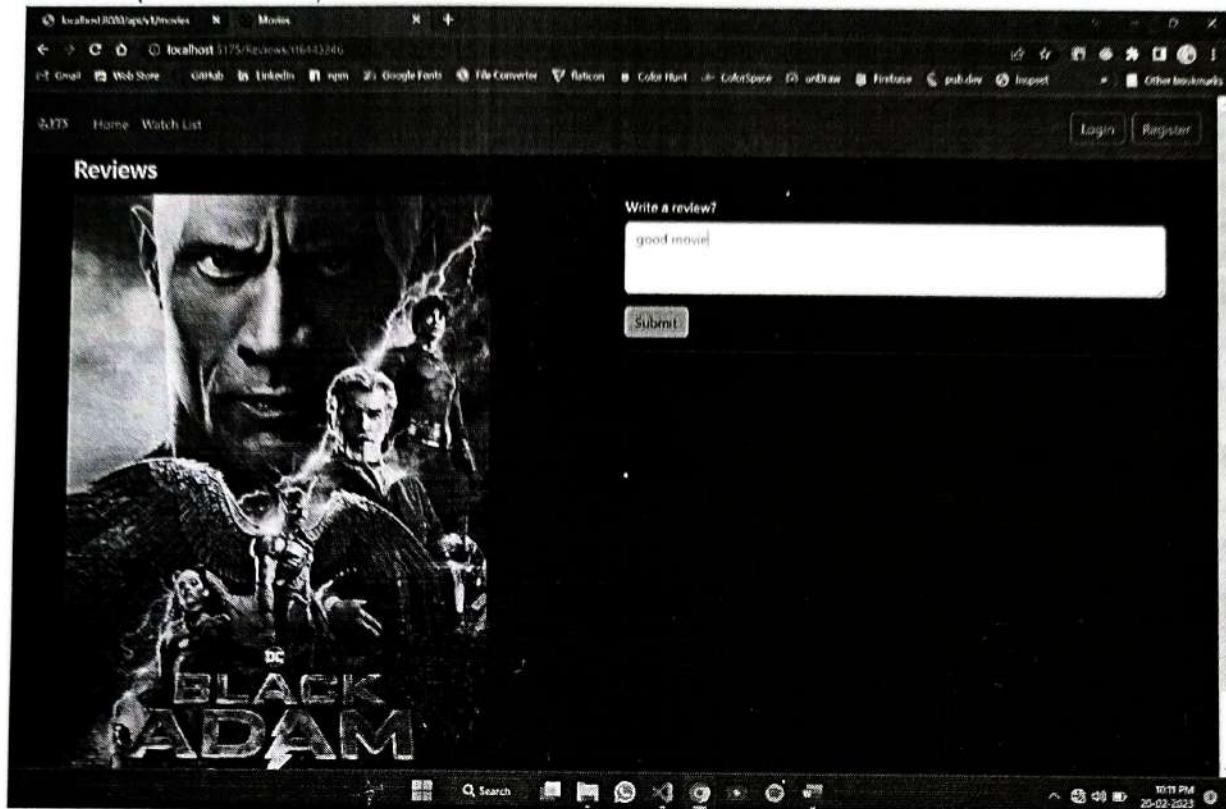


M.Ruban (922119104303)

1) Full stack web application using(react.js, mongo dB, java spring boot)

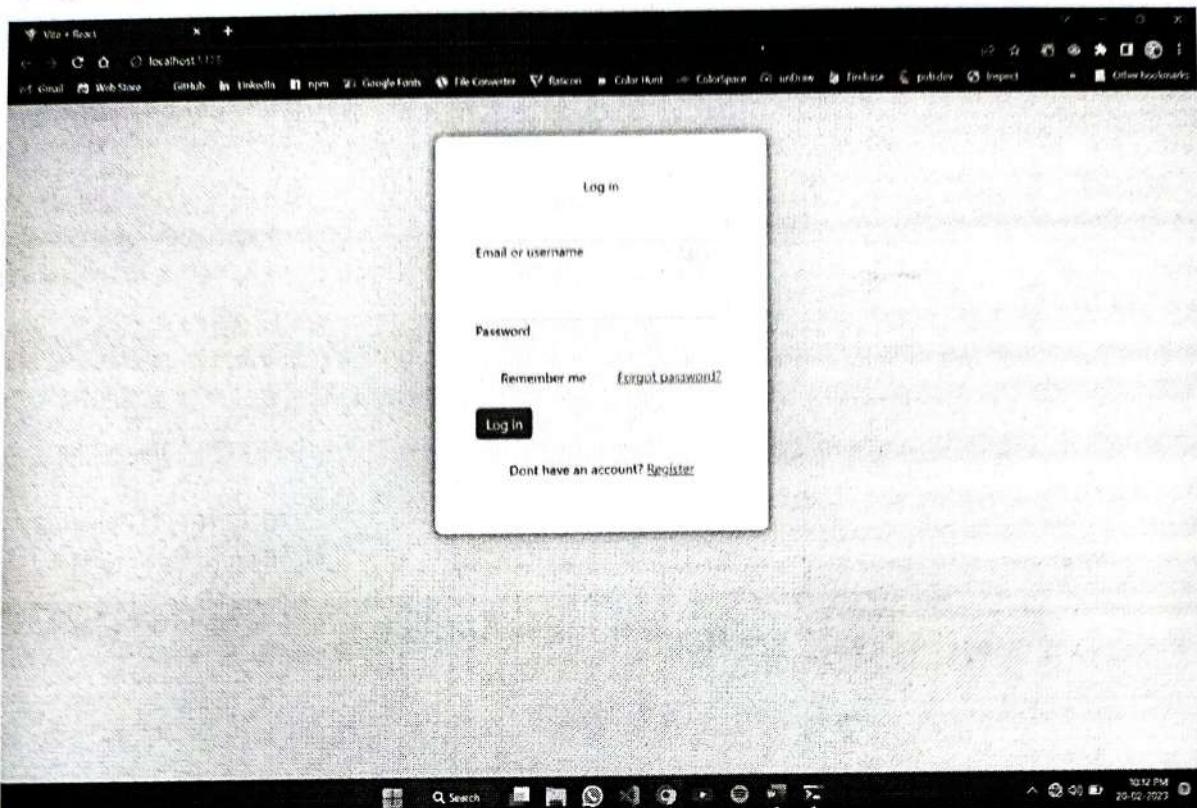


M.Ruban (922119104303)

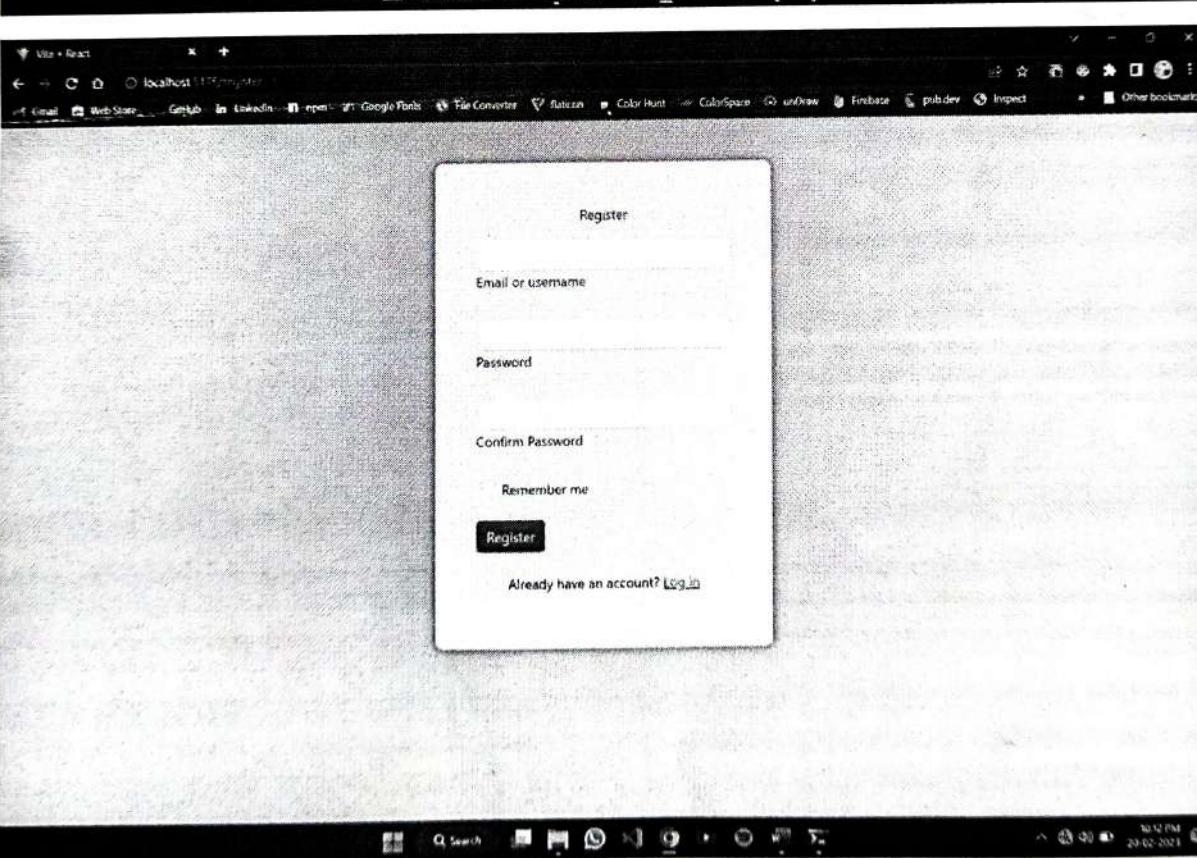


```
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localhost:3001/api/v1/movies  
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M.Ruban (922119104303)  
2) Login Register using React.js



The screenshot shows a web browser window with the title "Vita + React" and the URL "localhost:1111". The page displays a "Log in" form. It includes fields for "Email or username" and "Password", and links for "Remember me" and "Forgot password?". A "Log in" button is at the bottom, and a link for "Don't have an account? Register" is also present.



The screenshot shows a second web browser window with the same title and URL. This page displays a "Register" form. It includes fields for "Email or username", "Password", and "Confirm Password", and a "Remember me" checkbox. A "Register" button is at the bottom, and a link for "Already have an account? Log in" is also present.

M.Ruban (922119104303)

### 3) JavaScript Form validation

The screenshot shows a web browser window with a form titled "Decorated". The form consists of the following fields:

- Name: [Input field]
- Address: [Input field]
- Zip Code: [Input field]
- Country: [Input field] (set to India)
- Gender:  
Male  Female
- Preferences:  
Red  Green  Blue
- Phone: [Input field]
- Email: [Input field]
- Password: [Input field]
- Confirm Password: [Input field]
- Buttons: SEND | CLEAR

The browser's toolbar and status bar are visible at the top and bottom of the window respectively.

### **ToDo list (Task)**

## Coding Part:

## 1.App.js

The screenshot shows a Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** Apps - Desktop - Visual Studio Code.
- Code Editor:** The main area displays a file named "App.js". The code is a functional component named "App" that uses the "useState" and "useEffect" hooks from the "react" library. It retrieves todos from localStorage, initializes state, and renders a "Container" component containing a "Header", "Form", and a "TodoList".
- Side Bar:** Shows icons for file operations like Open, Save, Find, and others.
- Bottom Bar:** Includes tabs for "In 1", "Col 1", "Spaces 2", "UTF-8", "LF", "JavaScript", and "Pretty".
- Status Bar:** Displays "ENG IN" and the date "20-02-2023" at the bottom right.

```
File Edit Selection View Go Run Terminal Help
Apps - Desktop - Visual Studio Code
File
Edit
Selection
View
Go
Run
Terminal
Help
Apps x todoList.js Form
App.js > src > App.js > ...
1 import React from 'react';
2 import { Header } from './components/Header';
3 import { Form } from './components/Form';
4 import { TodoList } from './components/TodoList';
5 import { useState, useEffect } from 'react';
6 import './App.css';
7
8 const App = () => {
9   const initialState = JSON.parse(localStorage.getItem("todos")) || [];
10  const [input, setInput] = useState('');
11  const [todos, setTodos] = useState(initialState);
12  const [editTodo, setEditTodo] = useState(null);
13  useEffect(() => {
14    localStorage.setItem("todos", JSON.stringify(todos));
15  }, [todos]);
16  return (
17    <div className="container">
18      <div className="app-wrapper">
19        <div>
20          <Header/>
21        </div>
22        <div>
23          <Form input={input} setInput={setInput} todos={todos} setTodos={setTodos} editTodo={editTodo} setEditTodo={setEditTodo}/>
24        </div>
25        <div>
26          <TodoList todos={todos} setTodos={setTodos} setEditTodo={setEditTodo} />
27        </div>
28      </div>
29    </div>
30  );
31 }

```

## 2. Form.jsx

```
File Edit Selection View Go Run Terminal Help
Form.jsx - TodosList.jsx - Form.jsx - Forum.jsx - Desktop - Visual Studio Code
JS App.js TodosList.jsx Form.jsx Forum.jsx

rp > todos > src > components > Form.jsx > ...
1 // Import React, {forwardRef} from "react";
2 import {v4 as uuidv4} from "uuid";
3 import {useEffect} from "react";
4
5 export const Form = ({input, setInput, todos, setTodos, editTodo, setEditTodo}) => {
6   const updateTodo = (title, id, completed) => {
7     const newTodos = todos.map((todo) =>
8       todo.id === id ? {title, id, completed} : todo
9     );
10    setTodos(newTodos);
11    setEditTodo("");
12  }
13  useEffect(() => {
14    if (editTodo) {
15      setInput(editTodo.title);
16    } else {
17      setInput("");
18    }
19  }, [setInput, editTodo]);
20
21  const onInputChange = (event) => {
22    setInput(event.target.value);
23  }
24
25  const onFormSubmit = (event) => {
26    event.preventDefault();
27    if (editTodo) {
28      setTodos([...todos, {id: uuidv4(), title: input, completed: false}]);
29      setInput("");
30    } else {
31      updateTodo(input, editTodo.id, editTodo.completed)
32    }
33  }

```

A screenshot of a computer screen showing a Visual Studio Code window. The window title is "TodoList.jsx - Desktop - Visual Studio Code". The code editor displays the following JSX component:

```
1 // App.js
2 // TodoList.jsx
3 // Form.jsx
4
5 import React from "react";
6
7 export const TodoList = ({todos, setTodos, setEditTodo}) => {
8   const onHandleDelete = (id) => {
9     setTodos(todos.filter(todo => todo.id !== id));
10  }
11
12  const onHandleEdit = (id) => {
13    const findTodo = todos.find(todo => todo.id === id);
14    setEditTodo(findTodo);
15  }
16
17  const onHandleComplete = (todo) => {
18    setTodos(todos.map(item => {
19      if (item.id === todo.id) {
20        return { ...item, completed: !item.completed };
21      }
22    }));
23  }
24
25  return (
26    <div>
27      {todos.map((todo) => (
28        <li className="list-item" key={todo.id}>
29          <input
30            type="text"
31            value={todo.title}
32            className={todo.completed ? "completed" : ""}
33            onChange={(event) => event.preventDefault()}
34          />
35        </li>
36      ))
37    </div>
38  );
39}
```

The status bar at the bottom shows "Eng IN" and the date "20-02-2023".

### 3.Todo list.jsx

A screenshot of a computer screen showing a Visual Studio Code window. The window title is "TodoList.jsx - Desktop - Visual Studio Code". The code editor displays the following functional component code:

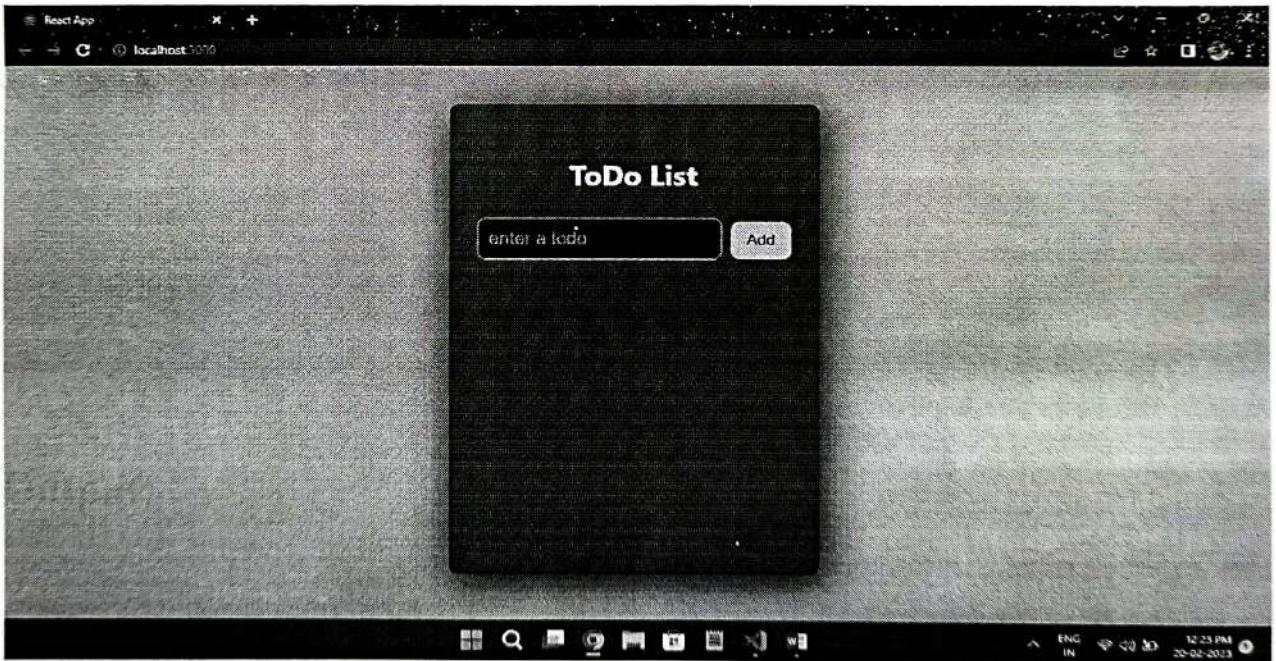
```
1 // File: TodoList.jsx
2 // Description: A functional component for displaying a list of todos.
3 // It receives props for todos, setTodos, and setEditTodo.
4 // It handles deleting todos, editing todos, and marking them as complete.
5 // It uses map to render a list of items, each with an input field for editing.
6
7 import React from "react";
8
9 const TodoList = ({todos, setTodos, setEditTodo}) => {
10   const onHandleDelete = (id) => {
11     setTodos(todos.filter(todo => todo.id !== id));
12   }
13
14   const onHandleEdit = (id) => {
15     const findTodo = todos.find(todo => todo.id === id);
16     setEditTodo(findTodo);
17   }
18
19   const onHandleComplete = (todo) => {
20     setTodos(todos.map(item => {
21       if (item.id === todo.id) {
22         return { ...item, completed: !item.completed };
23       }
24     }));
25   }
26
27   return (
28     <div>
29       {todos.map((todo) => (
30         <li className="list-item" key={todo.id}>
31           <input
32             type="text"
33             value={todo.title}
34             className={todo.completed ? "completed" : ""}
35             onChange={(event) => event.preventDefault()}
36           />
37         </li>
38       ))
39     </div>
40   );
41 }
```

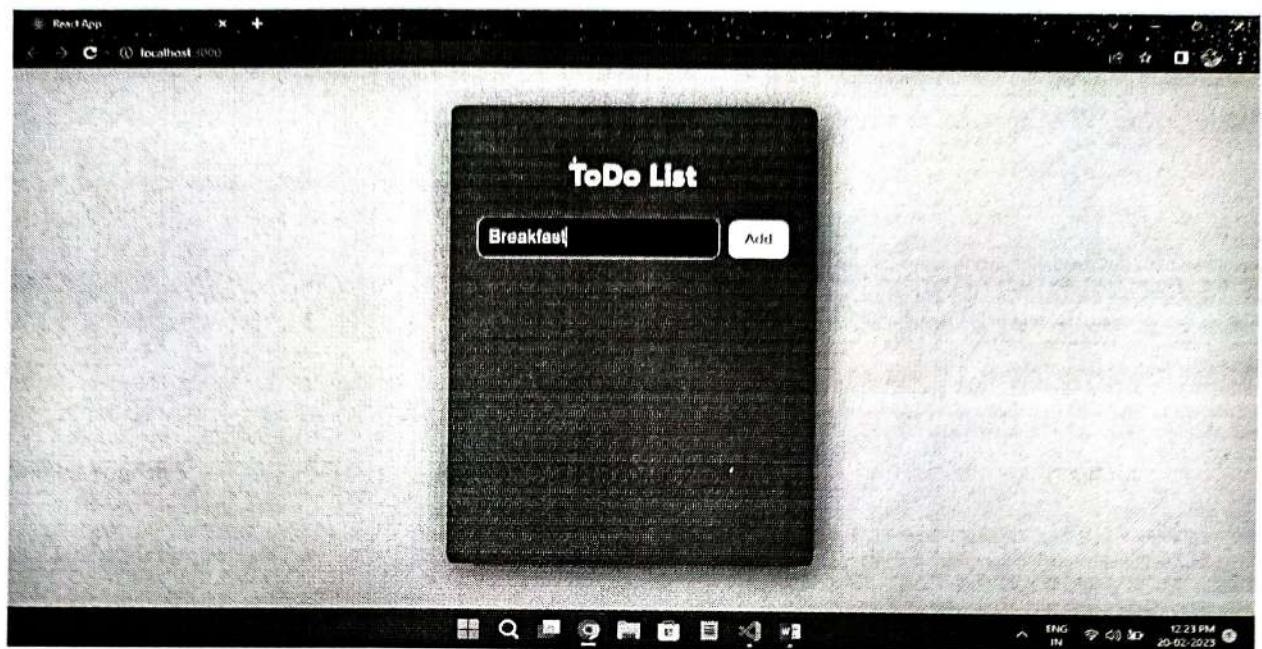
The status bar at the bottom shows "Eng IN" and the date "20-02-2023".

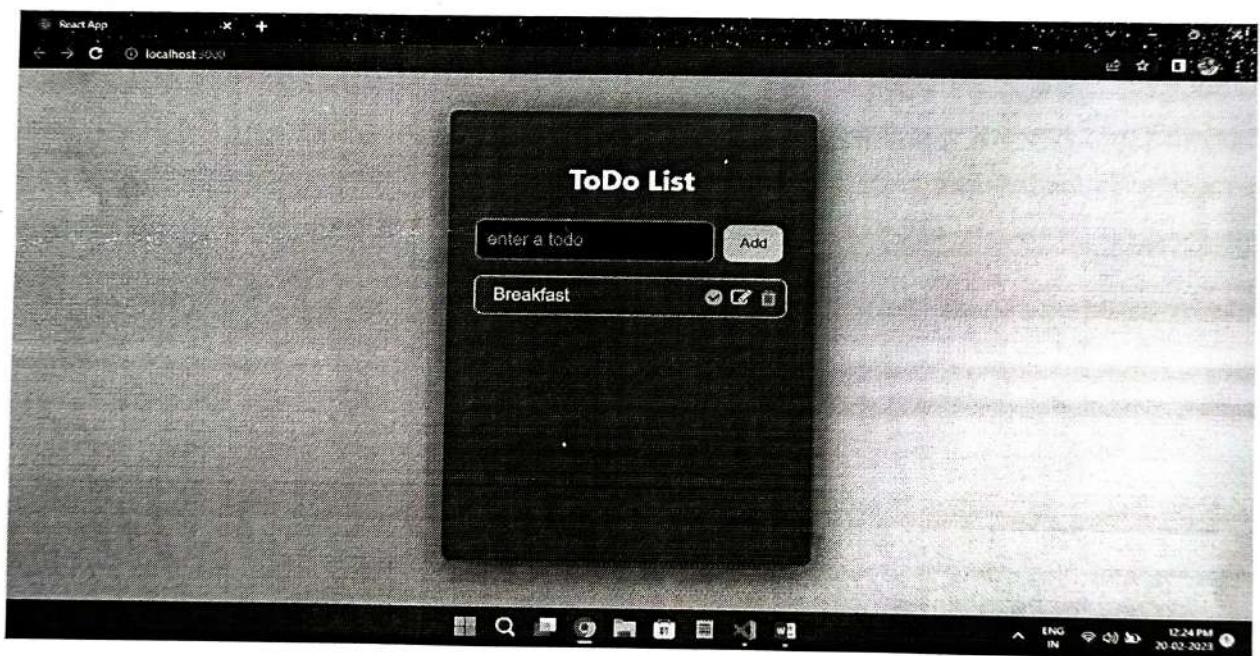
The screenshot shows the Visual Studio Code interface with the TodoList.jsx file open. The code is a functional component for a todo list, using JSX and styled-components. It includes logic for handling task completion, editing, and deletion.

```
1 // App.js
2 // TodoList.jsx
3 // Form.js
4
5 <div>
6   <h1>ToDo List</h1>
7   <input type="text" value="enter a todo" />
8   <button>Add</button>
9   <ul>
10    <li>
11      <div>
12        <button className="button-complete-task-button" onClick={() => onHandleComplete(todo)}>
13          <i className="fa fa-check-circle">/</i>
14        </button>
15        <button className="button-edit-task-button" onClick={() => onHandleEdit(todo)}>
16          <i className="fa fa-edit">/</i>
17        </button>
18        <button className="button-delete-task-button" onClick={() => onHandleDelete(todo)}>
19          <i className="fa fa-trash">/</i>
20        </button>
21      </div>
22    </li>
23  </ul>
24
25 </div>
```

## Output:

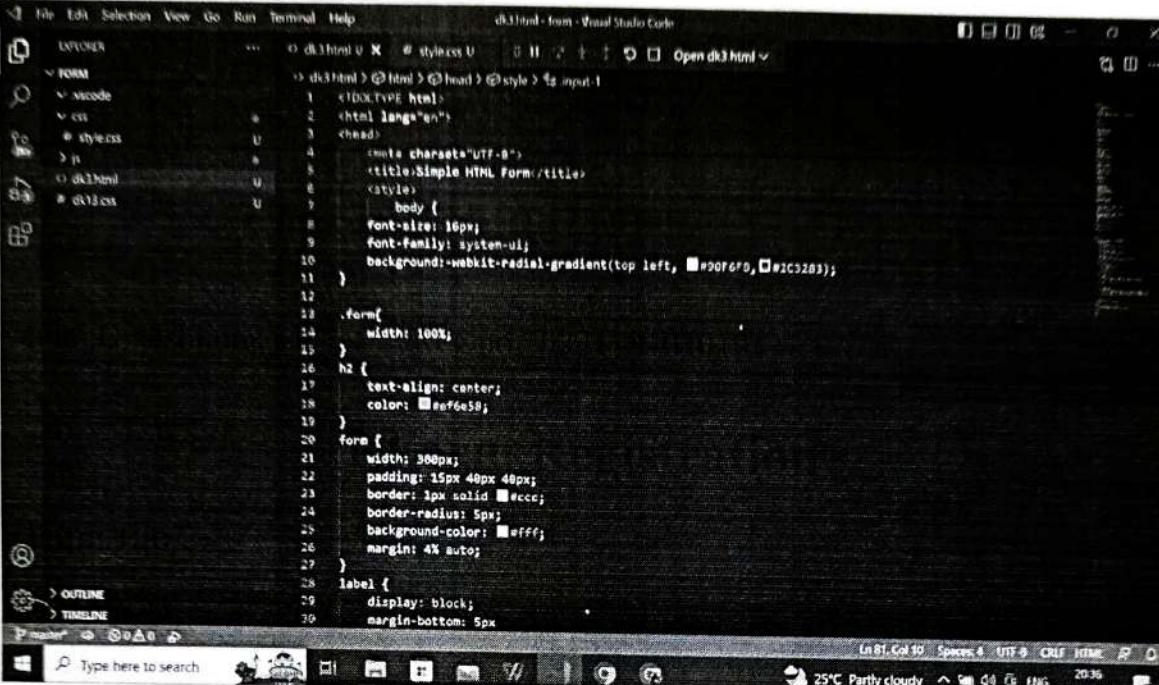






# 1.Form Registration

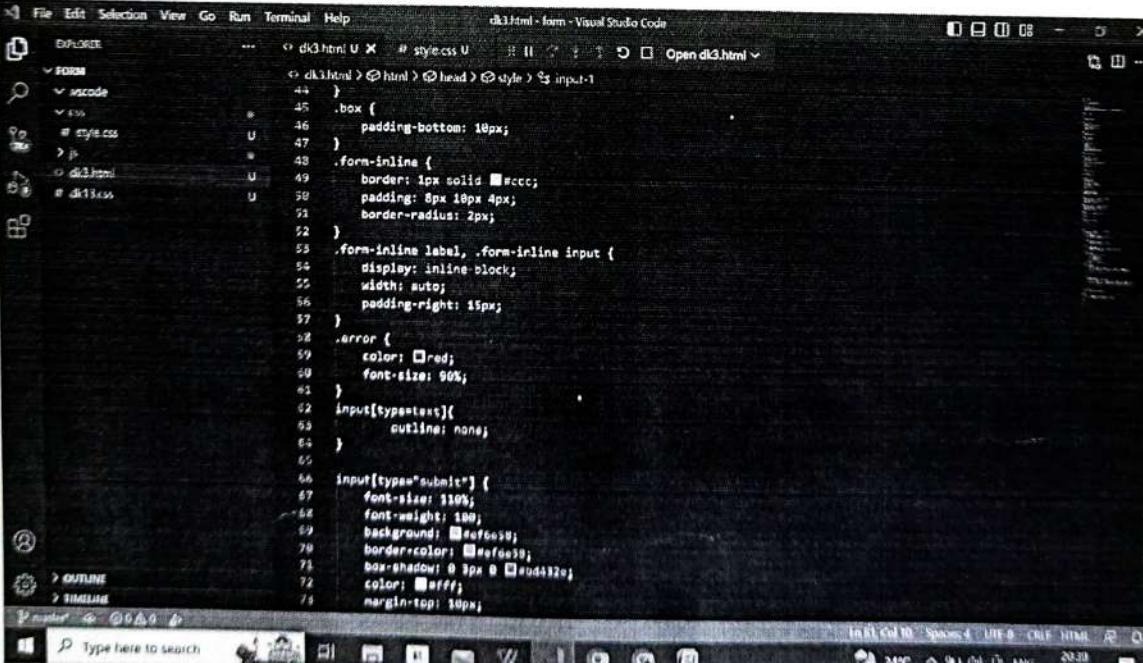
## 1.Html file



```
<!DOCTYPE html><html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Simple HTML Form</title>
<style>
    body {
        font-size: 16px;
        font-family: system-ui;
        background: -webkit-radial-gradient(top left, #00f6ff, #c3c3ff);
    }
    .form{
        width: 100%;
    }
    h2 {
        text-align: center;
        color: #ef6e58;
    }
    form {
        width: 300px;
        padding: 15px 40px 40px;
        border: 3px solid #eccc;
        border-radius: 5px;
        background-color: #ffff;
        margin: 4% auto;
    }
    label {
        display: block;
        margin-bottom: 5px;
    }
</style>

```

## 2.CSS File



```
.box {
    padding-bottom: 10px;
}
.form-inline {
    border: 1px solid #cccc;
    padding: 8px 10px 4px;
    border-radius: 2px;
}
.form-inline label, .form-inline input {
    display: inline-block;
    width: auto;
    padding-right: 15px;
}
.error {
    color: #red;
    font-size: 90%;
}
input[type="text"]{
    outline: none;
}
input[type="submit"] {
    font-size: 110%;
    font-weight: bold;
    background: #ef6e58;
    border-color: #ef6e58;
    box-shadow: 0 3px 0 #d4d4d4;
    color: #ffff;
    margin-top: 10px;
}
```

## 3.JS file

File Edit Selection View Go Run Terminal Help

dk3.html - JS - forms - printError

```
function printError(Id, Msg) {
  document.getElementById(Id).innerHTML = Msg;
}

function validateForm() {
  var name = document.Form.name.value;
  var email = document.Form.email.value;
  var mobile = document.Form.mobile.value;
  var country = document.Form.country.value;
  var gender = document.Form.gender.value;
  var language = document.Form.Language.value;

  var nameErr = emailErr = mobileErr = countryErr = genderErr = true;

  if(name == "") {
    printError("nameErr", "Please enter your name");
    var elem = document.getElementById("name");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    var regex = /^[a-zA-Z]+$/;
    if(regex.test(name) == false) {
      printError("nameErr", "Please enter a valid name");
      var elem = document.getElementById("name");
      elem.classList.add("input-2");
      elem.classList.remove("input-1");
    }
  }

  if(email == "") {
    printError("emailErr", "Please enter your email address");
    var elem = document.getElementById("email");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    var regex = /^([a-zA-Z0-9]+(\.[a-zA-Z0-9]+)*)@([a-zA-Z0-9]+\.[a-zA-Z0-9]+\.[a-zA-Z]{2,})$/;
    if(regex.test(email) == false) {
      printError("emailErr", "Please enter a valid email address");
      var elem = document.getElementById("email");
      elem.classList.add("input-2");
      elem.classList.remove("input-1");
    } else {
      printError("emailErr", "");
      emailErr = false;
      var elem = document.getElementById("email");
    }
  }

  if(mobile == "") {
    printError("mobileErr", "Please enter your mobile number");
    var elem = document.getElementById("mobile");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    var regex = /^[6-9][0-9]{9}/;
    if(regex.test(mobile) == false) {
      printError("mobileErr", "Please enter a valid mobile number");
      var elem = document.getElementById("mobile");
      elem.classList.add("input-2");
      elem.classList.remove("input-1");
    } else {
      printError("mobileErr", "");
      mobileErr = false;
      var elem = document.getElementById("mobile");
    }
  }

  if(country == "") {
    printError("countryErr", "Please select your country");
    var elem = document.getElementById("country");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    printError("countryErr", "");
    countryErr = false;
    var elem = document.getElementById("country");
  }

  if(gender == "") {
    printError("genderErr", "Please select your gender");
    var elem = document.getElementById("gender");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    printError("genderErr", "");
    genderErr = false;
    var elem = document.getElementById("gender");
  }

  if(language == "") {
    printError("languageErr", "Please select your language");
    var elem = document.getElementById("Language");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    printError("languageErr", "");
    languageErr = false;
    var elem = document.getElementById("Language");
  }

  if(nameErr || emailErr || mobileErr || countryErr || genderErr || languageErr) {
    return false;
  } else {
    return true;
  }
}
```

File Edit Selection View Go Run Terminal Help

dk3.html - JS - forms - printError

```
elem.classList.remove("input-1");
} else {
  printError("nameErr", "");
  nameErr = false;
  var elem = document.getElementById("name");
  elem.classList.add("input-1");
  elem.classList.remove("input-2");
}

if(email == "") {
  printError("emailErr", "Please enter your email address");
  var elem = document.getElementById("email");
  elem.classList.add("input-2");
  elem.classList.remove("input-1");
} else {
  var regex = /^([a-zA-Z0-9]+(\.[a-zA-Z0-9]+)*)@([a-zA-Z0-9]+\.[a-zA-Z0-9]+\.[a-zA-Z]{2,})$/;
  if(regex.test(email) == false) {
    printError("emailErr", "Please enter a valid email address");
    var elem = document.getElementById("email");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    printError("emailErr", "");
    emailErr = false;
    var elem = document.getElementById("email");
  }
}

if(mobile == "") {
  printError("mobileErr", "Please enter your mobile number");
  var elem = document.getElementById("mobile");
  elem.classList.add("input-2");
  elem.classList.remove("input-1");
} else {
  var regex = /^[6-9][0-9]{9}/;
  if(regex.test(mobile) == false) {
    printError("mobileErr", "Please enter a valid mobile number");
    var elem = document.getElementById("mobile");
    elem.classList.add("input-2");
    elem.classList.remove("input-1");
  } else {
    printError("mobileErr", "");
    mobileErr = false;
    var elem = document.getElementById("mobile");
  }
}

if(country == "") {
  printError("countryErr", "Please select your country");
  var elem = document.getElementById("country");
  elem.classList.add("input-2");
  elem.classList.remove("input-1");
} else {
  printError("countryErr", "");
  countryErr = false;
  var elem = document.getElementById("country");
}

if(gender == "") {
  printError("genderErr", "Please select your gender");
  var elem = document.getElementById("gender");
  elem.classList.add("input-2");
  elem.classList.remove("input-1");
} else {
  printError("genderErr", "");
  genderErr = false;
  var elem = document.getElementById("gender");
}

if(language == "") {
  printError("languageErr", "Please select your language");
  var elem = document.getElementById("Language");
  elem.classList.add("input-2");
  elem.classList.remove("input-1");
} else {
  printError("languageErr", "");
  languageErr = false;
  var elem = document.getElementById("Language");
}

if(nameErr || emailErr || mobileErr || countryErr || genderErr || languageErr) {
  return false;
} else {
  return true;
}
```

File Edit Selection View Go Run Terminal Help

form.js - form - Visual Studio Code

```

EXPLORER js > JS form.js > printError
  FORM
    <xcode>
    <css>
    <style.css>
    <js>
      <form.js>
        <dk3.html>
        <dk3.css>
        <dk3.js>
        <dk3.html>
        <dk3.css>

  01   elem.classList.remove("input-2");
  02
  03 }
  04
  05 }
  06 }
  07 }
  08 }
  09 }
  10 }
  11 }
  12 }
  13 }
  14 }
  15 }
  16 }
  17 }
  18 }
  19 }
  20 }
  21 }
  22 }
  23 }
  24 }
  25 }
  26 }
  27 }
  28 }
  29 }
  30 }
  31 }
  32 }
  33 }
  34 }
  35 }
  36 }
  37 }
  38 }
  39 }
  40 }
  41 }
  42 }
  43 }
  44 }
  45 }
  46 }
  47 }
  48 }
  49 }

  if(country == "Select") {
    printError("countryErr", "Please select your country");
  }

```

24°C 20-02-2023 20:41

File Edit Selection View Go Run Terminal Help

form.js - form - Visual Studio Code

```

EXPLORER js > JS form.js > printError
  FORM
    <xcode>
    <css>
    <style.css>
    <js>
      <form.js>
        <dk3.html>
        <dk3.css>
        <dk3.js>
        <dk3.html>
        <dk3.css>

  01   elem.classList.remove("input-4");
  02
  03 }
  04
  05 }
  06 }
  07 }
  08 }
  09 }
  10 }
  11 }
  12 }
  13 }
  14 }
  15 }
  16 }
  17 }
  18 }
  19 }
  20 }
  21 }
  22 }
  23 }
  24 }
  25 }
  26 }
  27 }
  28 }
  29 }
  30 }
  31 }
  32 }
  33 }
  34 }
  35 }
  36 }
  37 }
  38 }
  39 }
  40 }
  41 }
  42 }
  43 }
  44 }
  45 }
  46 }
  47 }
  48 }
  49 }

  if(nameErr || emailErr || mobileErr || countryErr || genderErr == true) {
    return false;
  }

  function takeValue(){
    var name = document.getElementById("name").value;
    document.write(""+name);
    document.write("\n");
    var email = document.getElementById("email").value;
    document.write(""+email);
    document.write("\n");
    var Mobile = document.getElementById("Mobile").value;
    document.write(""+Mobile);
  }

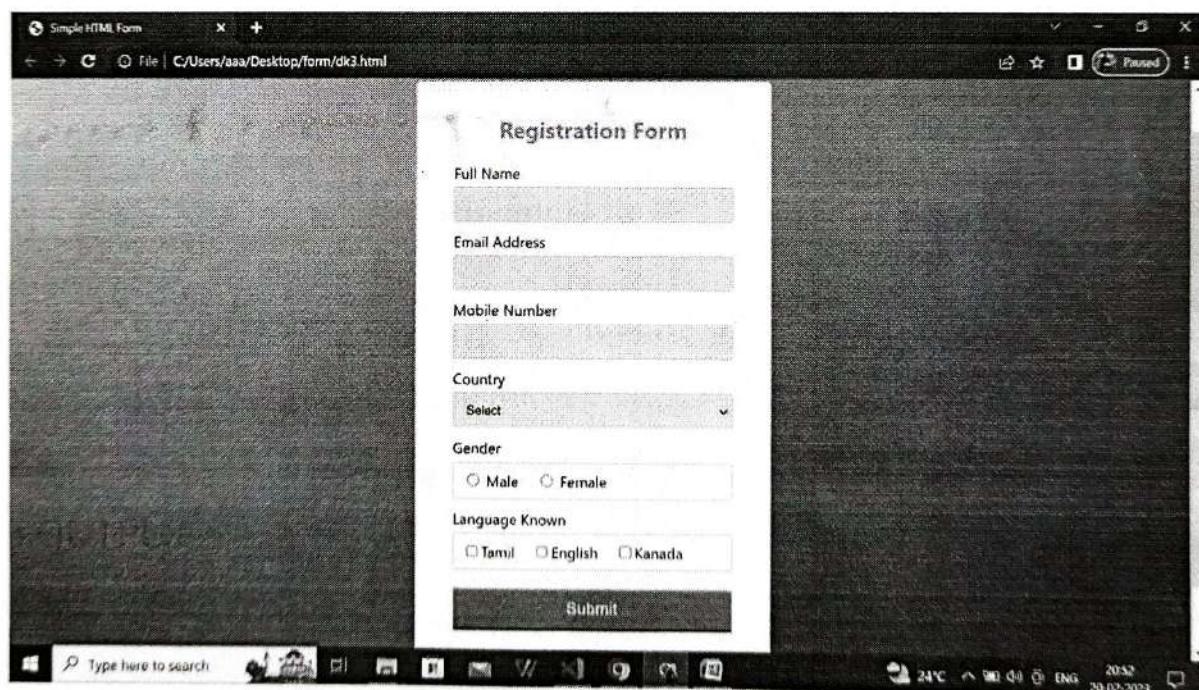
```

24°C 20-02-2023 20:41

A screenshot of Visual Studio Code showing the file `form.js`. The code is a JavaScript file for a registration form. It includes functions for printing errors, handling gender selection, and taking values from input fields. The code is annotated with line numbers from 109 to 138.

```
109     printError("genderErr", "");
110     genderErr = false;
111     var elem = document.getElementById("gender");
112     elem.classList.add("input-3");
113     elem.classList.remove("input-4");
114   }
115
116   if(nameErr || emailErr || mobileErr || countryErr || genderErr) {
117     return false;
118   }
119
120   function takevalue(){
121     var name = document.getElementById("name").value;
122     document.write(""+name);
123
124     var email = document.getElementById("email").value;
125     document.write(""+email);
126
127     var Mobile = document.getElementById("Mobile").value;
128     document.write(""+mobile);
129
130     var country = document.getElementById("country").value;
131     document.write(""+country);
132
133
134
135
136  };
137
138};
```

## 4.OUTPUT



## 2.TODOLIST

### 1.App.js

```
C:\Users\aaa\Desktop\todo-list\todolist>src>JS App.js - ...
1 import { Header } from './components/Header';
2 import { Form } from './components/Form';
3 import { TodoList } from './components/TodoList';
4 import React from 'react';
5 import { useState, useEffect } from 'react';
6 import './App.css';
7
8 const App = () => {
9   const initialState = JSON.parse(localStorage.getItem("todos")) || [];
10  const [input, setInput] = useState('');
11  const [todos, setTodos] = useState(initialState);
12  const [editTodo, setEditTodo] = useState(null);
13
14  useEffect(() => {
15    localStorage.setItem("todos", JSON.stringify(todos));
16  }, [todos]);
17  return (
18    <div className="container">
19      <div className="app-wrapper">
20        <div>
21          <Header/>
22        </div>
23        <div>
24          <Form input={input} setInput={setInput} todos={todos} setTodos={setTodos} editTodo={editTodo} setEditTodo={setEditTodo} />
25        </div>
26        <div>
27          <TodoList todos={todos} setTodos={setTodos} setEditTodo={setEditTodo} />
28        </div>
29      </div>
30    );
31  }
32
33 export default App;
34
```

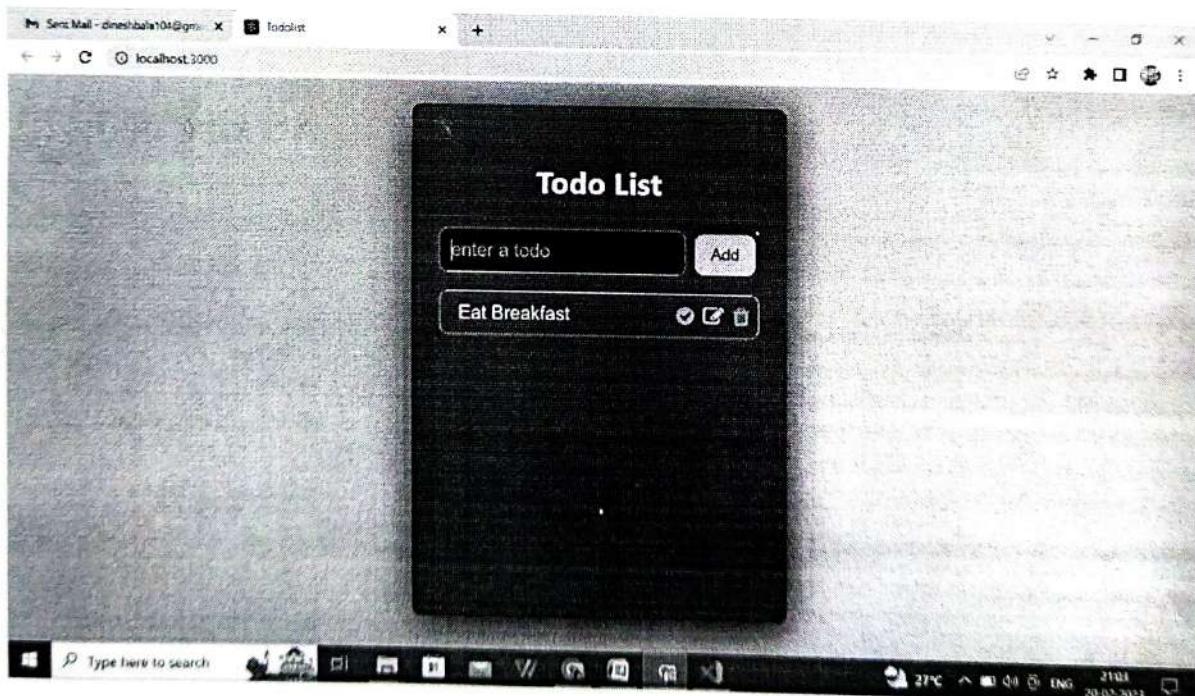
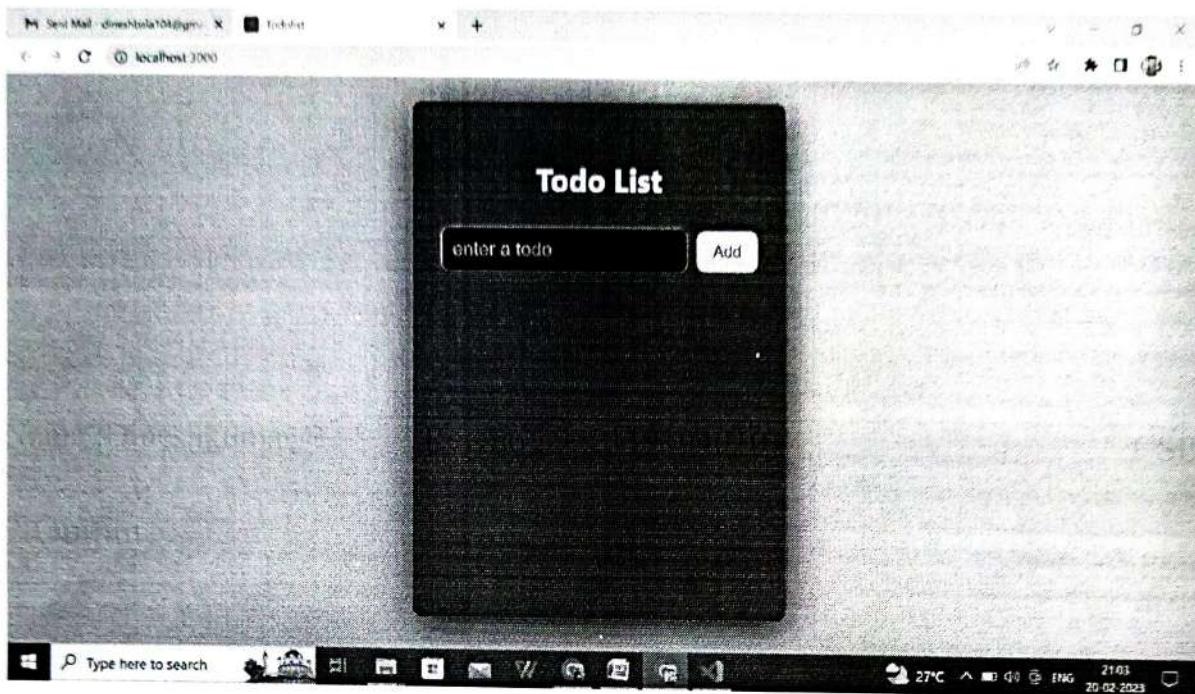
```
C:\Users\aaa\Desktop\todo-list\todolist>src>JS App.js - ...
19 <div className="app-wrapper">
20   <div>
21     <Header/>
22   </div>
23   <div>
24     <Form input={input} setInput={setInput} todos={todos} setTodos={setTodos} editTodo={editTodo} setEditTodo={setEditTodo} />
25   </div>
26   <div>
27     <TodoList todos={todos} setTodos={setTodos} setEditTodo={setEditTodo} />
28   </div>
29 </div>
30 )
31
32 export default App;
33
```

Name :Dineshkumar B

Reg no : 922119104010

CSE

## 2.Output



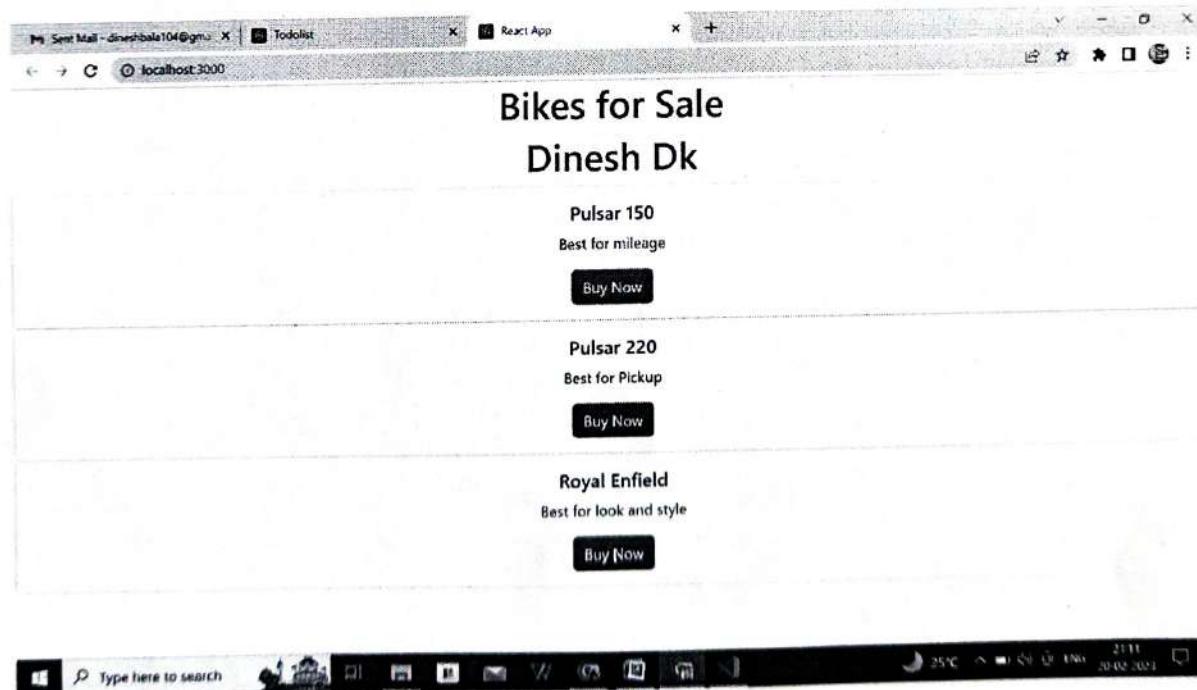
### 3.Sales App

#### 1.App.js

```
App.js - VS Code
File Edit Selection View Go Run Terminal Help
App.js (1 file)
c:\Users\dinesh\Downloads\dineshdk\belizoid\src\js\app.js
1 import logo from './logo.svg';
2 import './App.css';
3 import { Sample } from './components/Sample.jsx';
4
5 function App() {
6   let name="Dinesh Dk";
7   return (
8     <div className="App">
9       <h1>Bikes for Sale</h1>
10      <h2>{name}</h2>
11      <Sample name="Pulsar 150" description="Best for mileage"/>
12      <Sample name="Pulsar 220" description="Best for Pickup"/>
13      <Sample name="Royal Enfield" description="Best for look and style"/>
14    </div>
15  );
16}
17
18 export default App;
19
```

The screenshot shows the code editor interface of Visual Studio Code. The title bar says "App.js - VS Code". The code itself is a React component named "App" that displays three bike models: Pulsar 150, Pulsar 220, and Royal Enfield, each with its respective description. The code uses JSX syntax and imports components from other files.

#### 2.Output

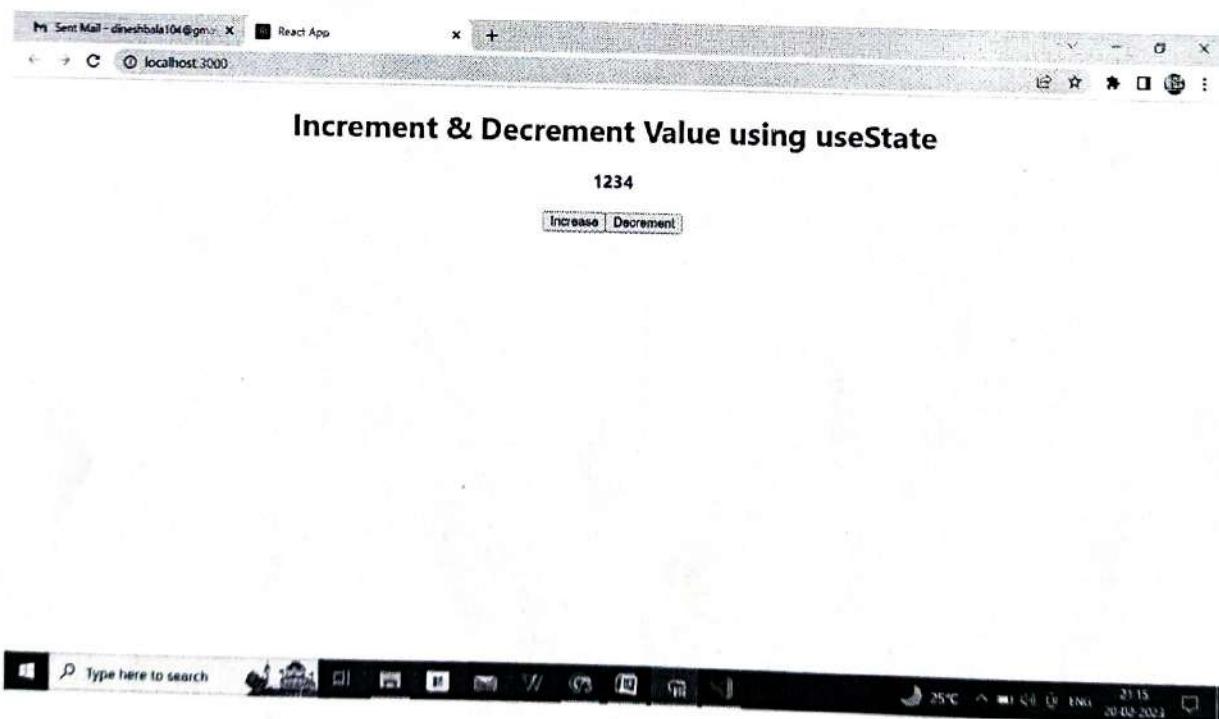


## 4.Increase and Decrement values

### 1.App.js

```
C:\Users>aaa>Desktop>increase>increase>six>App.js
1 import logo from './logo.svg';
2 import './App.css';
3 import { useState } from 'react';
4
5 function App() {
6   const [display, setDisplay] = useState (1234)
7
8   function incrementDisplay() {
9     setDisplay(display + 1);
10 }
11 function decrementDisplay() {
12   setDisplay(display - 1);
13 }
14
15 return (
16   <div className="App">
17     <h1>Increment & Decrement Value using useState</h1>
18     <p>(display)</p>
19     <button onClick={incrementDisplay}>Increase</button>
20     <button onClick={decrementDisplay}>Decrement</button>
21   </div>
22 )
23
24 export default App;
25
```

### 2.1.Output

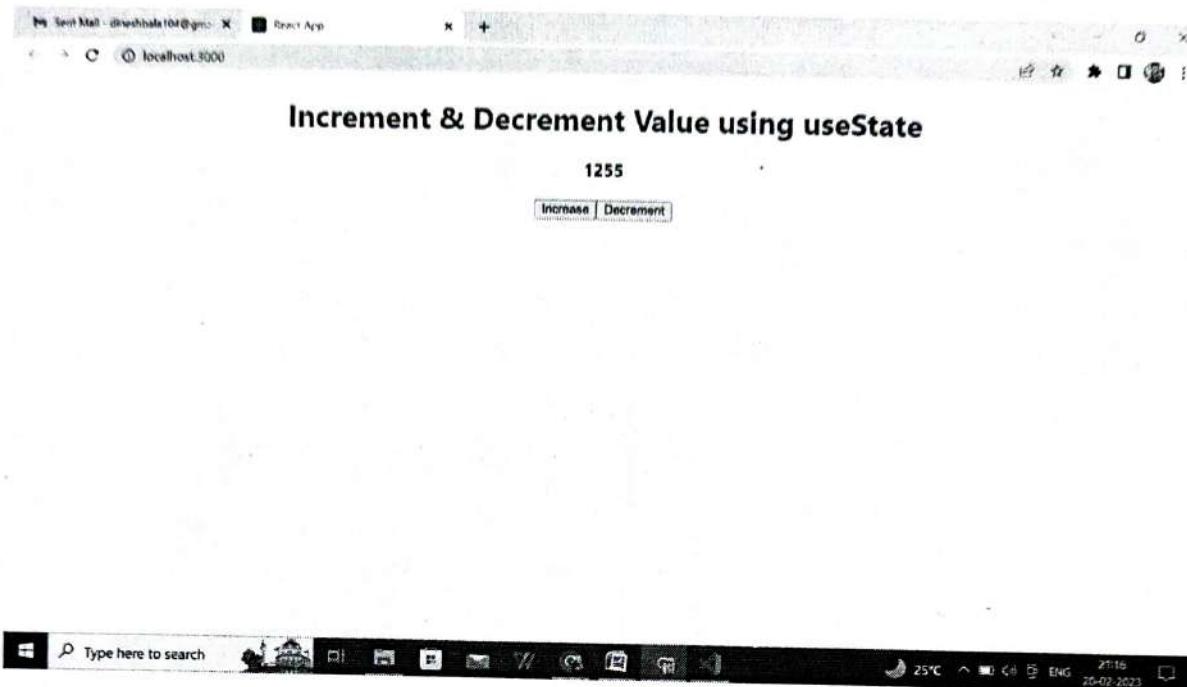


Name :Dineshkumar B

Reg no : 922119104010

CSE

2.2



## 5.USESTATEARRAY

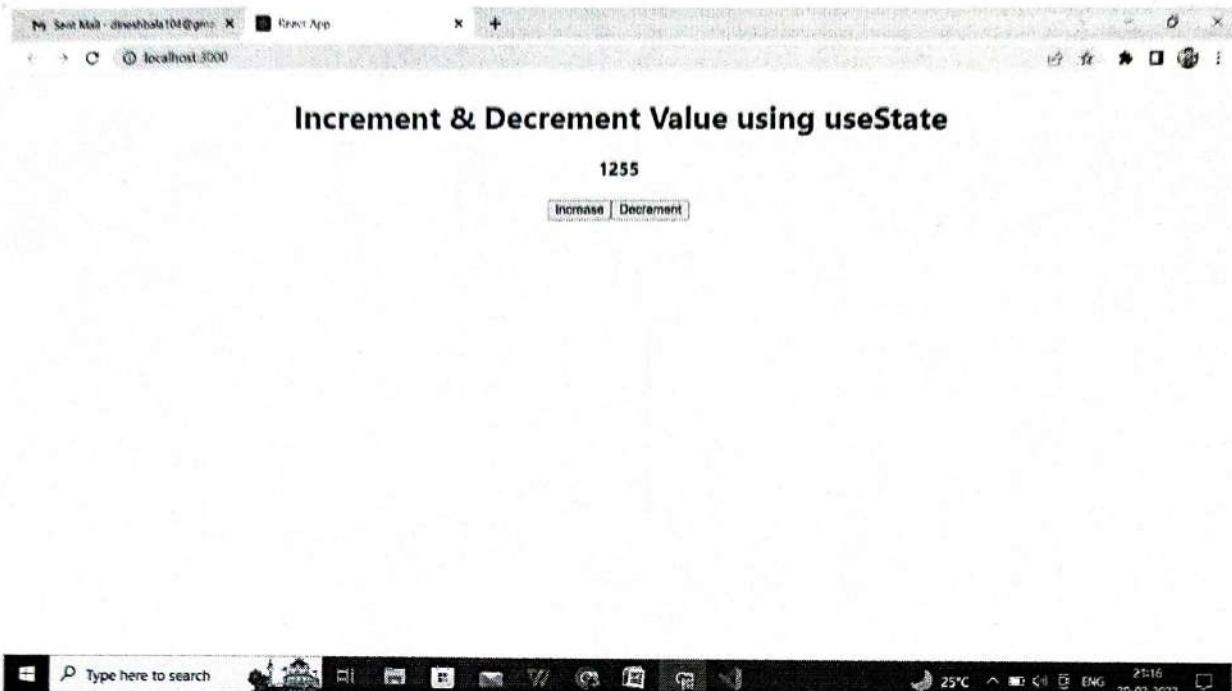
## 1.Array.jsx

The screenshot shows a Visual Studio Code interface with the following details:

- File Path:** C:\Users\aaa\Desktop\UseStateArray\usestatearray\src\components\Array.js
- Code Content:** A functional component named `UseStateArray()` using the `useState` hook from React. It initializes state with an empty array and updates it via `setData`. The component displays the array items and provides buttons to view or add more players.
- Bottom Status Bar:** Shows the current branch as `master`, a diff icon, and the file name `Array.js`.
- Bottom Toolbar:** Includes icons for file operations like Open, Save, and Close, as well as search and navigation tools.

```
1  import { useState } from 'react';
2
3  export function UseStateArray() {
4      const [data, setData] = useState([]);
5      const items = ["Dhoni", "Rohit", "Kholi", "Pandya"];
6      const viewplayers = () => {
7          setData(items);
8      };
9      const addplayers = () => {
10          const bowler = ["Natarajan", "Shewag"];
11          setData([...data, bowler]);
12      };
13      return (
14          <div>
15              <h1>Use State Array</h1>
16              {data.length > 0 ? data.map ((items) =>
17                  { return <li>(items)</li>;
18              });
19          );
20          <button onClick={viewplayers}> View Players</button>
21          <button onClick={addplayers}> Add Players</button>
22      </div>
23  }
24
25 }
```

2.2



## 5.USESTATEARRAY

### 1.Array.jsx

```

File Edit Selection View Go Run Terminal Help Array.jsx - Visual Studio Code
C:\Users\aaa\Desktop\UseStateArray\usestatearray\src\components\ Array.jsx
1 import { useState } from 'react';
2
3 export function UseStateArray() {
4   const [data, setData] = useState([]);
5   const items = ["Dhoni", "Rohit", "Kholi", "Pandya"];
6   const viewplayers = () => {
7     setData(items);
8   };
9   const addplayers = () => {
10     const bowler = ["Natarajan", "Shewag"];
11     setData([...data, bowler]);
12   };
13
14   return (
15     <div>
16       <h1>Use State Array</h1>
17       {data.length > 0 && data.map((items) => {
18         return <li>{items}</li>;
19       })}
20       <button onClick={viewplayers}> View Players</button>
21       <button onClick={addplayers}> Add Players</button>
22     </div>
23   );
24 }
25

```



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Dindigul - Palani Highway, Dindigul – 624 002

**Department of Computer Science and Engineering**

**Technology Training Evaluation Report**

**Questions:**

1. Full Stack Web Application using React.JS, Mongo DB, Java Spring Boot
2. Login Register using React.JS
3. Javascript Validation
4. Registration Form

20.02.23

Sl. No	Reg. No.	Name of the student	Total(100)
1	922119104001	AARTHICKRAJA A.P	80
2	922119104003	AKASH V S	87
3	922119104004	ANANTHA NIVETHAN G R	83
4	922119104005	ARAVINDHAN G	85
5	922119104006	BENAZIR S	76
6	922119104007	CATHERIN FREEDA F	82
7	922119104008	DEVADHARSHINI S	86
8	922119104010	DINESHKUMAR B	88
9	922119104012	GURU V	82
10	922119104013	HEMA S	86
11	922119104014	JABITHA B	87
12	922119104015	JAYASURIYA K.S	73
13	922119104016	JEBARSON S	85
14	922119104017	JOSI ISITHOR A	74
15	922119104023	MENAKA C	83
16	922119104024	MOHAMED FAZIL S	80
17	922119104026	PERIYASAMY R	88
18	922119104027	PRADEESHYUVAN P	81
19	922119104029	PRASANTH S	88
20	922119104030	PRAVEEN A	88
21	922119104031	PRITHISHIKA S	87
22	922119104032	PRIYADHARSHINI G	76
23	922119104034	RAMKUMAR N	87
24	922119104035	RAMPRASANTH A	81
25	922119104037	SANJAY NARAYANAN S	86
26	922119104038	SANTHOSH KUMAR S	78
27	922119104039	SANTHOSINI K	88
28	922119104040	SARAVANAKUMAR G	75
29	922119104041	SATHEESH KUMAR G	76
30	922119104042	SHIFFIN PAUL J	88



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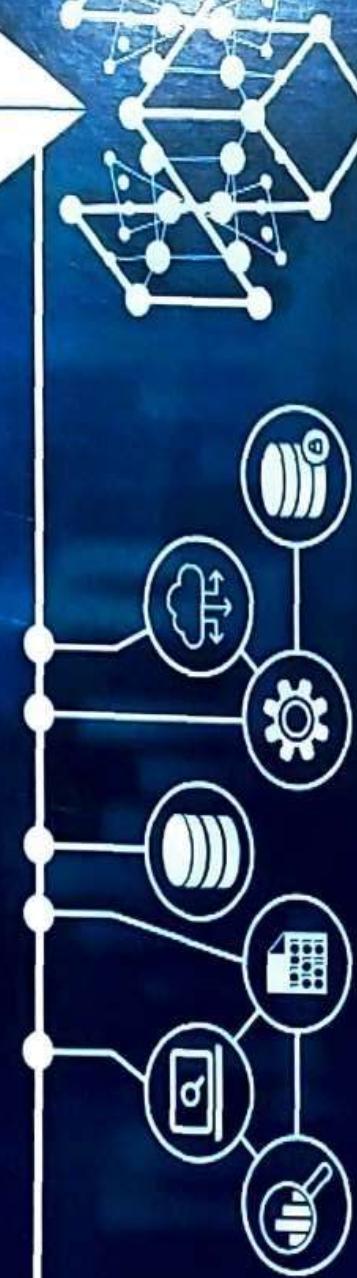
**Department of Computer Science and Engineering**

**Technology Training Evaluation Report**

31	922119104043	SRI VARSHINI K	82
32	922119104044	SUJIT SUKESSH S	87
33	922119104045	TAMIL SELVAN A	88
34	922119104046	VASANTH N	75
35	922119104047	VASANTHAN M P	86
36	922119104049	VINO JOEL R	85
37	922119104050	VISHWA BHARATHI J	75
38	922119104051	YASMIN J	87
39	922119104052	YOGESH S	88
40	922119104301	ASHOK KUMAR G	83
41	922119104302	GURUBALAN A	88
42	922119104303	RUBAN M	87
43	922119104304	SUJITH R	78
44	922119104502	ROSE MISHNA M	85

  
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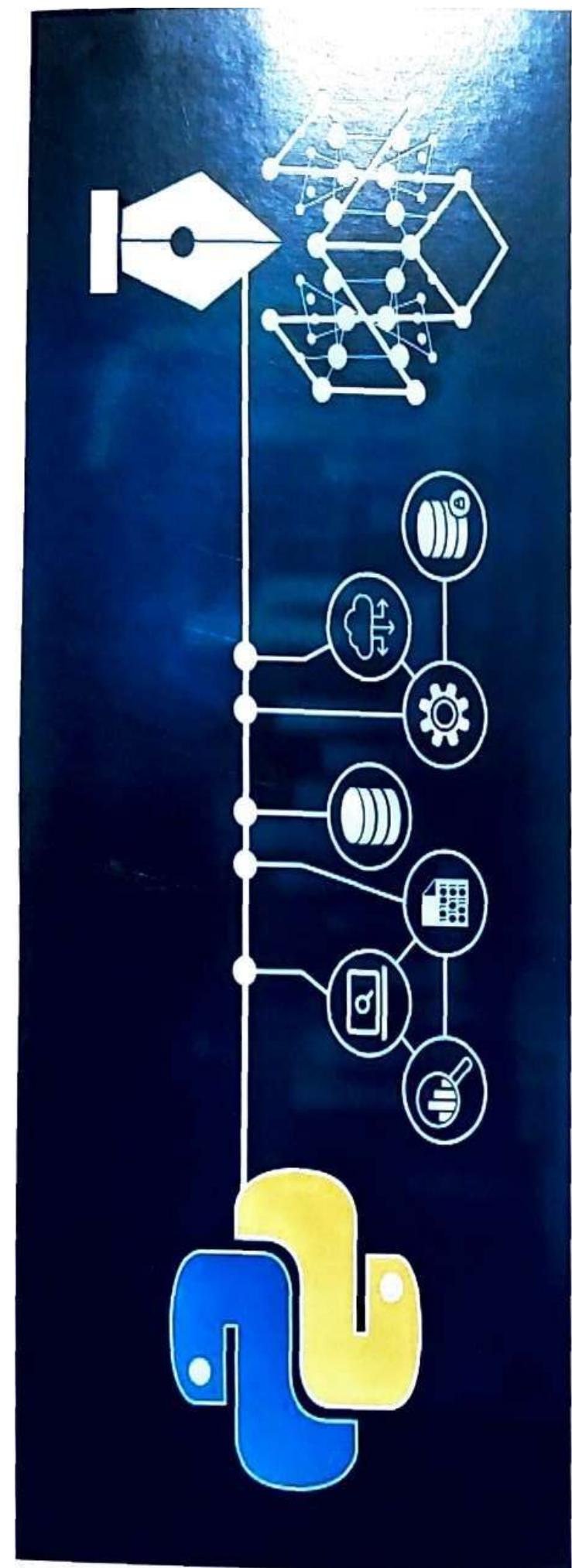
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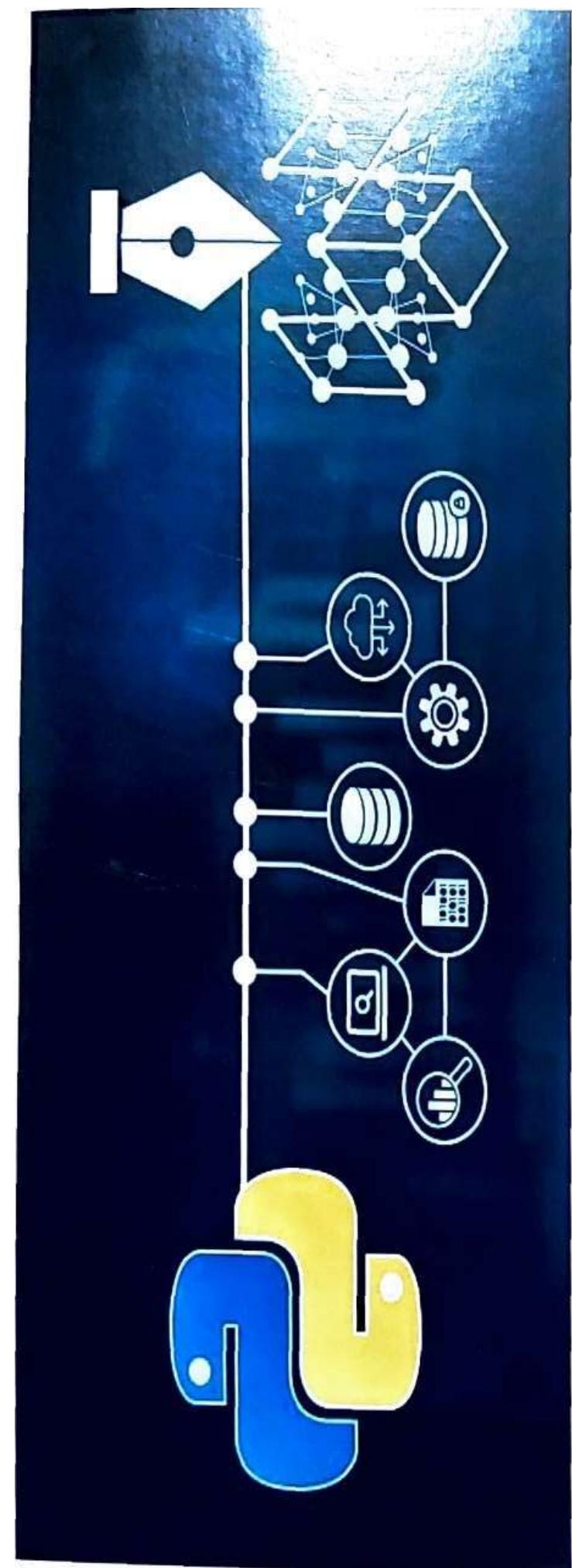
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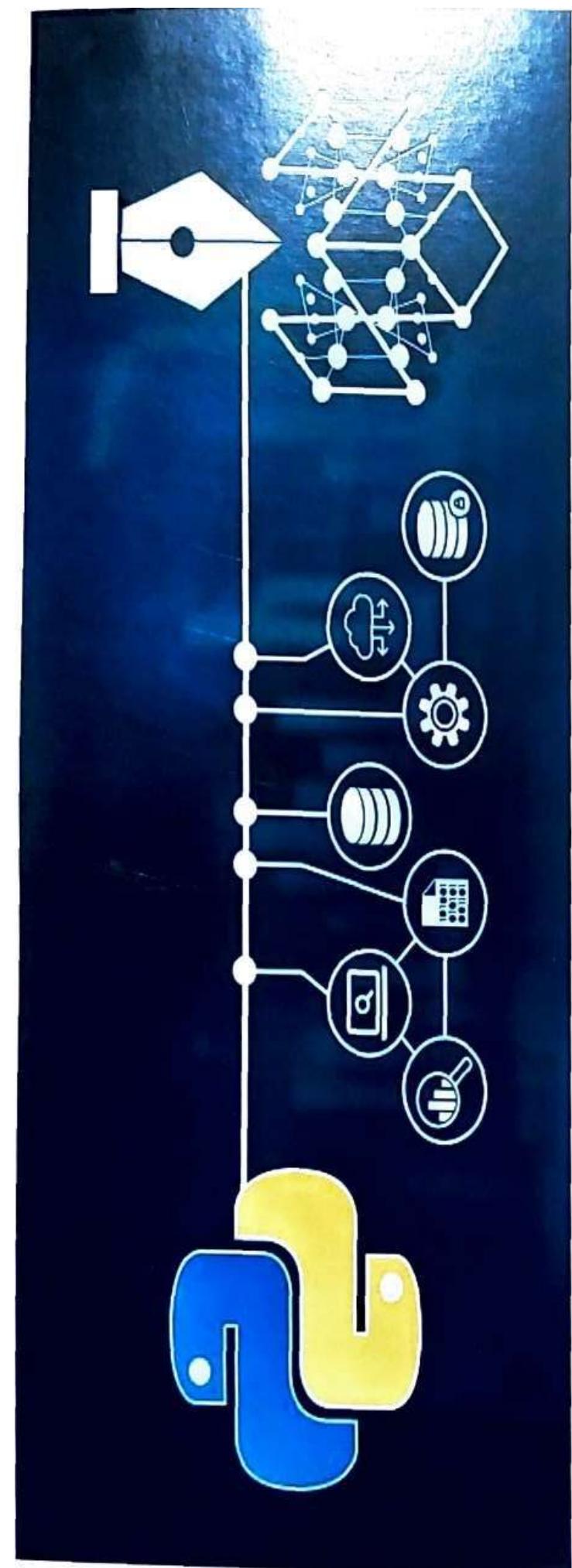
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Course Starting Date  
17/02/2023.....  
Course Ending Date



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Instructor  
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Course Starting Date  
17/02/2023.....  
Course Ending Date

60 Hours.....  
Course Duration



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