



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai Accredited by NAAC
ECE, EEE, MECH – NBA Accredited)

Dindigul – Palani Highway, Dindigul – 624 002

Department of Computer Science and Engineering

Value Added Course Summary 2022-2023

Course Name: “Web Development”

Course Duration: 60 hours

Year Offered: 2022-2023

Course Instructors: Ms.N. Padma Priya, Assistant Professor/CSE

Mr. G. Murugan, Assistant Professor/CSE

Mrs. S. Suganya. Assistant professor/CSE

Course Outcome:

On completion of the course, students will be able to develop web pages using the HTML and CSS features with different layouts as per need of applications, use JavaScript to develop the dynamic web pages and construct simple web pages in PHP and to represent data in XML format.

Course Type: Self Framed

Assessment Mode

Attendance: 60 hours

Number of Participants: 55

Scheme of Exam: Web Designing Project Work

N.P.P.
05.07.2022
D.P.

Course Co-ordinator

G-H18

HoD



Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindhalagundi (P.O),
Road, Dindigul - 624 002



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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., O.E.C
21/2/23
Programme Co-Ordinators
Ms. N. Padma Priya, AP/CSE
Mr.G.Murugan AP/CSE
Mrs. S. Suganya, AP/CSE

6.2/2/23
HoD/CSE
(Dr.C.Sujatha)
Principal
(Dr.D.Senthil Kumaran)



Dr.D.SENTHIL KUMARAN, M.S., Ph.D., (MUS),
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.

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.CIK
27/2/23
(Dr.C.Sujatha)

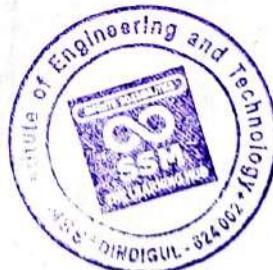
1. N.P.H
26/2/23

3. D.G.M
27/2/23
Programme Co-Ordinators:

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

b

D 022



D.S.K
Dr.D.SENTHIL KUMARAN, M.B., Ph.D., (MUS),
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SSM

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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

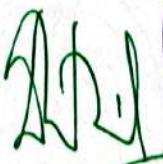
To 17/02/23

VENUE

CSE lab II

HOD/CSE
DR. C. SUJATHA

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS),
Principal DR. D. SENTHIL KUMARAN
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U.P.H.P
21/2/23, 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

6/1/15
21/2/23
HoD/CSE
(Dr.C.Sujatha)

Principal
(Dr.D.Senthil Kumaran)



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Palani Road, Dindigul - 624 002.

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.

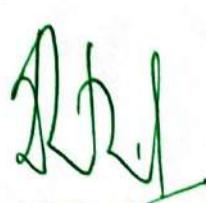
Please look into it and if there are any modules to be added. Please revert.

Thanking You.

With Regards

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




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WEB DESIGNING SYLLABUS

No. of days = 10

Total Hours: 60

HTML: (2 days => 12 hrs)

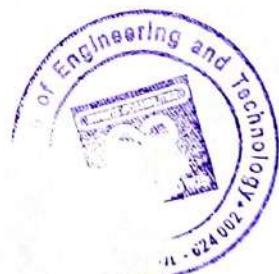
- Introduction to HTML
- Basics of HTML
 - Browsers and HTML
 - Editor's Offline and Online
 - Tags, Attribute and Elements
 - Doctype Element
 - Comments
- Headings, Paragraphs, and Formatting Text
- Lists and Links
- Images and Tables
- Forms and Inputs
- Formatting Tags

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



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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



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- 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.

Web APIs

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

Callbacks

Function Sequence, Sequence Control.

Promises Objects

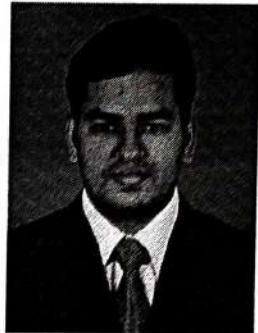
Promises Object

Async and Await

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Resource Person Profile



ATHEESH KUMAR S

IT - Trainer

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:

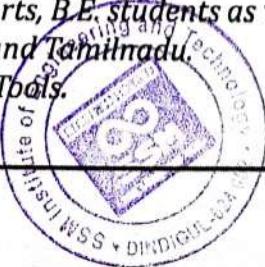
Operating systems: Windows 7/8.1/10/11

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.



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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	APD	PD	ADP	PD	APD	PD
2	922119104002	AKASH S	AKASH	AKASH	AKASH	AKASH	AKASH	AKASH
3	922119104003	AKASH V S	VS.Akash	VS.Akash	VS.Akash	VS.Akash	VS.Akash	VS.Akash
4	922119104004	ANANTHA NIVETHAN G R	Anand	Anand	Anand	Anand	Anand	Anand
5	922119104005	ARAVINDHAN G	GA	EPG	AT	TA	TA	AT
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	RDKodi	RDKodi	RDKodi	RDKodi	RDKodi	RDKodi
10	922119104010	DINESHKUMAR B	Dinesh	Dinesh	Dinesh	Dinesh	OD	OD
11	922119104011	DRISHYAR	R.Drishya	R.Drishya	R.Drishya	R.Drishya	OD	OD
12	922119104012	GURU V	Guru	Guru	Guru	Guru	Guru	Guru
13	922119104013	HEMA S	S.HO	S.HO	S.HO	S.HO	S.HO	S.HO
14	922119104014	JABITHA B	B.LJ	B.LJ	B.LJ	B.LJ	B.LJ	B.LJ
15	922119104015	JAYASURIYA K.S	KS.Surya	KS.Surya	KS.Surya	KS.Surya	KS.Surya	KS.Surya
16	922119104016	JEBARSON S	Jebarson	Jebarson	Jebarson	Jebarson	Jebarson	Jebarson
17	922119104017	JOSI ISITHORA A	Josi.Isthora	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	gashree	caashree	caashree	caashree	caashree
20	922119104020	MADHUMITHA M	Maddit	Maddit	Maddit	Maddit	Maddit	Maddit
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.Periyasamy	R.Periyasamy	R.Periyasamy	R.Periyasamy	R.Periyasamy	R.Periyasamy
25	922119104027	PRADEESHYUVAN P	Praadeesh	Praadeesh	Praadeesh	Praadeesh	Praadeesh	Praadeesh
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.Praveen	A.Praveen	A.Praveen	A.Praveen	A.Praveen	A.Praveen

Dr.D.SENTHILKUMARAN, M.E., Ph.D., (MUS),

Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Balanidhi Taluk, 562402.



S.No	Register Number	Name of the Student	6/2/23 FN	6/2/23 AN	7/2/23 FN	7/2/23 AN	8/2/23 FN	8/2/23 AN
29	922119104031	PRITHISHIKA S	S. Prithisha					
30	922119104032	PRIYADHARSHINI G	G. Priyadharshini					
31	922119104033	RAMJI K	R. Ramji					
32	922119104034	RAMKUMAR N	Ramkumar	Ramkumar	Ramkumar	Ramkumar	Ramkumar	Ramkumar
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 KUMARS S	S. Santosh Kumar					
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 SUKESSH S	S. Sujit Sukesh					
43	922119104045	TAMIL SELVAN A	T. Tamil Selvan					
44	922119104046	VASANTH N	V. Vasantha					
45	922119104047	VASANTHAN M P	M. P. Vasantha					
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. Yogi					
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					
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. T. I.					

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PRINCIPAL



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Semester: VIII

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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	Katherin	Catherin
8	922119104008	DEVADHARSHINI S	AB	AB	Devu	Devu	Devu	Devu
9	922119104009	DHANUSH KODI R	OD	OD	OD	OD	OD	OD
10	922119104010	DINESHKUMAR B	BRD	BRD	BRD	BRD	BRD	BRD
11	922119104011	DRISHYA R	OD	OD	OD	OD	OD	OD
12	922119104012	GURU V	V.	V.	V.	V.	V.	V.
13	922119104013	HEMA S	HEM	HEM	HEM	HEM	HEM	HEM
14	922119104014	JABITHA B	B. J	B. J	B. J	B. J	B. J	B. J
15	922119104015	JAYASURIYA K.S	K.SJY	K.SJY	K.SJY	K.SJY	K.SJY	K.SJY
16	922119104016	JEBARSON S	S.J	S.J	S.J	S.J	S.J	S.J
17	922119104017	JOSI ISITHORA A	Jos	Jos	Jos	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.F	S.F	S.F	S.F	S.F	S.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.R	P.R	P.R	P.R	P.R	P.R
26	922119104028	PRASANNA M	OP	OD	OD	OD	ON	OD
27	922119104029	PRASANTH S	S.P	S.P	S.P	S.P	S.P	S.P
28	922119104030	PRAVEEN A	Dr.D.SENTHIL KUMARAN	Praveen A				

Principal

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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	OP
32	922119104034	RAMKUMAR N	N. Ram	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	Sai	Sai	Sai	Sai	Sai	Sai
40	922119104042	SHIFFIN PAUL J	AB	AB	AB	AB	J. Paul	J. Paul
41	922119104043	SRI VARSHINI K	Surf	Surf	Surf	Surf	Surf	Surf
42	922119104044	SUJIT SUKESSH S	AB	AB	Abt	Abt	AB	AB
43	922119104045	TAMIL SELVAN A	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind
44	922119104046	VASANTH N	V. Sath	V. Sath				
45	922119104047	VASANTHAN M P	M. Vasantha	M. Vasantha				
46	922119104048	VIGNESHWARAN V	OD	OD	OD	OD	OD	OD
47	922119104049	VINO JOEL R	R. Vino	R. Vino				
48	922119104050	VISHWA BHARATHI J	Lil	Lil	Lil	Lil	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				
52	922119104302	GURUBALAN A	A. Gurubalan	A. Gurubalan				
53	922119104303	RUBAN M	M. Ruban	M. Ruban				
54	922119104304	SUJITH R	Rajith	Rajith	Rajith	Rajith	Rajith	Rajith
55	922119104502	ROSE MISHNA M	Rit	Rit	RB	RB	Rit	Rit
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			DR. D. SENTHIL KUMARAN, M.E., Ph.D., (MUS), Principal SSM Institute of Engineering and Technology, Kuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigul - 624 002.	DR. D. SENTHIL KUMARAN, M.E., Ph.D., (MUS), Principal SSM Institute of Engineering and Technology, Kuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigul - 624 002.	DR. D. SENTHIL KUMARAN, M.E., Ph.D., (MUS), Principal SSM Institute of Engineering and Technology, Kuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigul - 624 002.	DR. D. SENTHIL KUMARAN, M.E., Ph.D., (MUS), Principal SSM Institute of Engineering and Technology, Kuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigul - 624 002.	DR. D. SENTHIL KUMARAN, M.E., Ph.D., (MUS), Principal SSM Institute of Engineering and Technology, Kuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigul - 624 002.	

6. LK/B

HOD/CSE

Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (MUS),

Principal

PRINCIPAL

SSM Institute of Engineering and Technology

Kuttathupatti Village, Sindalagundu (Po),

Palani Road, Dindigul - 624 002.





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	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	AN	AN	AN	AN
5	922119104005	ARAVINDHAN G	AB	AB	AB	AB	AB	AB
6	922119104006	BENAZIR S	OD	OD	BENZIR	BENZIR	BENZIR	BENZIR
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	DRISHYAR	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.S	B.S	B.S	B.S	B.S	B.S
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 ISITHOR A	Josi.n	Josi.A.	AB	AB	Josia	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	Periyas	Periyas	Periyas	Periyas	Periyas	Periyas
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	S.P.S	S.P.S	S.P.S	S.P.S	S.P.S
28	922119104030	PRAVEEN A	Dr.D.SENTHIL KUMARAN M.E.					



S.No	Register Number	Name of the Student	9/2/22 PN	9/2/22 AN	10/2/23 PN	10/2/23 AN	11/2/23 PN	11/2/23 AN
29	922119104031	PRITHISHIKA S	Prithi Prithi		AB	AB	Disha	Disha
30	922119104032	PRIYADHARSHINI G	Priya Priya	Prisha	Prisha	Prisha	Prisha	Prisha
31	922119104033	RAMJI K	OD	OD	OD	OD	OD	OD
32	922119104034	RAMKUMAR N	N. Paul	N. Paul	N. Paul	N. Paul	N. Paul	N. Paul
33	922119104035	RAMPRASANTH A	A. P.	A. P.	A. Ram Prasanth	A. Ram Prasanth	A. Ram Prasanth	A. Ram Prasanth
34	922119104036	SAHUL HAMEED A	OD	OD	OD	OD	OD	OD
35	922119104037	SANJAY NARAYANAN S						
36	922119104038	SANTHOSH KUMAR S	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
37	922119104039	SANTHOSINI K	Santhoshini	Santhoshini	Santhoshini	Santhoshini	Santhoshini	Santhoshini
38	922119104040	SARAVANAKUMAR G	brij..	brij..	brij..	brij..	brij..	brij..
39	922119104041	SATHEESH KUMAR G	Brij..	Brij..	Brij..	Brij..	Brij..	Brij..
40	922119104042	SHIFFIN PAUL J	J. S.	J. S.	J. S.	J. S.	J. S.	J. S.
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	A. Selvan	A. Selvan	K. Selvan	K. Selvan	AB	AB
44	922119104046	VASANTH N	V. N.	V. N.	OD	OD	D. N.	D. N.
45	922119104047	VASANTHAN M P	M. P.	M. P.	M. P.	M. P.	M. P.	M. P.
46	922119104048	VIGNESHWARAN V	OD	OD	OD	OD	OD	OD
47	922119104049	VINO JOEL R	AB	AB	R. Vino	R. Vino	R. Vino	R. 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	A. Ashok	G. Ashok	C. Ashok	C. 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	Sujith	Sujith	Sujith	Sujith	Sujith	Sujith
55	922119104502	ROSE MISHNA M	RL	RL	RL	RL	RL	RL
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

Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (WUS),
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6.2.23
HOD/CSE

2/2/23
PRINCIPAL





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.Dhakshika	A.R.Dhakshika
2	922119104003	AKASH V S	Akash v.s	Akash.v.s
3	922119104004	ANANTHA NIVETHAN G R	Ananthan g R	Ananthan 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. he	S. he
11	922119104014	JABITHA B	B. Jit	B. Jit
12	922119104015	JAYASURIYA K.S	ka.jayan	ka.jayan
13	922119104016	JEBARSON S	Jebarson	Jebarson
14	922119104017	JOSI ISITHORA A	Josi	Josi
15	922119104023	MENAKA C	mf. c	mf. c
16	922119104024	MOHAMED FAZIL S	Mohamed Fazil	Mohamed Fazil
17	922119104026	PERIYASAMY R	periya samy	periya samy
18	922119104027	PRADEESHYUVAN P	Pra deeshyuvan	Pra deeshyuvan
19	922119104029	PRASANTH S	S.R.s	S.R.s
20	922119104030	PRAVEEN A	Pra veen	Pra veen
21	922119104031	PRITHISHIKA S	Prithishika	Prithishika
22	922119104032	PRIYADHARSHINI G	Priyadarshini	Priyadarshini
23	922119104034	RAMKUMARN	N. Pand.	N. Pand.
24	922119104035	RAMPRASANTH A	A. Pand.	A. Pand.
25	922119104037	SANJAY NARAYANAN S	Sanjay narayanan	Sanjay narayanan



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., MUSI.
Principal
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Palani Road, Dindigul - 624 002.

S.No	Register Number	Name of the Student	17/2/22 PN	17/2/22 AN
26	922119104038	SANTHOSH KUMAR S	Lh	Lh
27	922119104039	SANTHOSINI K	Santhosini	Santhosini
28	922119104040	SARAVANAKUMAR G	Santhosh ..	Santhosh ..
29	922119104041	SATHEESH KUMAR G	Santhosh ..	Santhosh ..
30	922119104042	SHIFFIN PAUL J	J. Shiffin	J. Shiffin
31	922119104043	SRI VARSHINI K	Sri Varshini	Sri Varshini
32	922119104044	SUJIT SUKESHH S	Sujit Sukesh	Sujit Sukesh
33	922119104045	TAMIL SELVAN A	A. Tamil Selvan	A. Tamil Selvan
34	922119104046	VASANTH N	AB	AB
35	922119104047	VASANTHAN M P	M.P. Vasanthan	M.P. Vasanthan
36	922119104049	VINO JOEL R	R. Vino	R. Vino
37	922119104050	VISHWA BHARATHI J	Vishwa Bharathi	Vishwa Bharathi
38	922119104051	YASMIN J	Yasmin	Yasmin
39	922119104052	YOGESH S	Yogesh	Yogesh
40	922119104301	ASHOK KUMAR G	A. Ashok	A. Ashok
41	922119104302	GURUBALAN A	A. Gurubalan	A. Gurubalan
42	922119104303	RUBAN M	M. Ruban	M. Ruban
43	922119104304	SUJITH R	R. Sujith	R. Sujith
44	922119104502	ROSE MISHNA M	AB	AB
Total No Of Present		42	42	
Total No Of Absent		02	02	
Faculty Signature		N.P.H	N.P.H	



6.2.16
HOD/CSE

D.Senthil Kumaran, M.E., Ph.D. (MUS).
Principal

SSM Institute of Engineering and Technology
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PRINCIPAL
D.Senthil Kumaran, M.E., Ph.D. (MUS).
Principal



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Technology Training on "Web Development"

Academic Year : 2022-2023 (Even Semester)

Batch:2019-2023

Semester: VII

Feed Back Report

S.N o	Timestamp	Register Number	Student Name	Language	Writt en- Legible	Termi nology	Usage of OHP/ LCD	Hand s-on	Lab instru ments	Quest ion & Answe rs	Practi cal Cover age	Depth of Tutor ials	Cond uct of Cours es	Guida nce Proj ects	Cond uct of Cours es	Guida nce Proj ects	Cordi al & Carin g	Total
1	2/17/2023 18:08:37	922119104001	AARTHICKRAJA A.P	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5
2	2/17/2023 18:12:56	922119104003	AKASH V S	4	4	4	5	5	4	5	3	5	4	8	7	4	3	5
3	2/18/2023 11:30:36	922119104004	ANANTHA NIVETHAN G R	4	3	3	3	3	3	3	4	2	3	5	3	3	3	5
4	2/18/2023 12:57:28	922119104005	ARAVINDHAN G	1	1	2	1	2	2	2	2	3	2	3	2	2	2	3
5	2/18/2023 13:14:41	922119104006	BENAZIR S	5	5	5	5	5	5	5	5	5	5	8	10	4	4	5
6	2/17/2023 18:26:16	922119104007	CATHERIN FREEDA F	5	5	5	4	5	5	5	5	5	5	10	10	5	5	5
7	2/18/2023 11:28:43	922119104008	DEVADHARSHINI S	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
8	2/17/2023 19:02:36	922119104010	DINESHKUMAR B	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5
9	2/18/2023 11:52:30	922119104012	GURU V	4	4	4	4	3	3	3	4	6	3	3	2	2	2	2
10	2/17/2023 19:36:15	922119104013	HEMA S	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
11	2/18/2023 11:27:14	922119104014	JABITHA B	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
12	2/17/2023 17:30:05	922119104015	JAYASURIYA K S	4	4	4	3	3	5	3	2	4	4	8	7	3	3	4
13	2/18/2023 12:50:31	922119104016	JEBARSON S	4	4	4	4	4	4	4	4	4	4	8	9	4	4	4
14	2/18/2023 13:38:17	922119104017	JOSLISITHORA A	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
15	2/18/2023 13:27:15	922119104023	MENAKA C	5	5	5	5	5	5	5	5	4	5	10	9	5	5	5
16	2/18/2023 11:42:00	922119104024	MOHAMED FAZIL S	4	4	3	4	4	4	4	4	4	4	9	8	4	4	4
17	2/18/2023 14:57:23	922119104026	PERIYASAMY R	4	4	4	5	4	4	4	4	4	4	5	9	9	5	5
18	2/18/2023 11:21:49	922119104027	PRADEEESHYUVAN P	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
19	2/18/2023 13:27:25	922119104029	PRASANTH S	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
20	2/18/2023 10:20:19	922119104030	PRAVEENA	5	5	5	5	5	5	5	5	5	5	8	8	5	5	5
21	2/17/2023 17:41:56	922119104031	PRITHISHIKA S	5	4	4	5	4	3	5	5	5	5	10	10	5	5	5
22	2/17/2023 17:40:37	922119104032	PRIYADHARSHINI G	5	5	5	5	5	5	5	5	5	5	8	6	4	4	4
23	2/17/2023 17:31:53	922119104034	RAMKUMAR N	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
24	2/18/2023 13:15:49	922119104035	RAMPRASANTH A	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5
25	2/18/2023 11:40:45	922119104037	SANJAY NARAYANAN S	4	3	4	4	4	3	4	4	4	3	2	5	2	4	3

Dr.D.SENTHIL KUMARAN M.E., Ph.D., (MUS),
Principal

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Tutikapatu Village, Sindhalagundu (P.O),
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S.N o	Timestamp	Register Number	Student Name	Language	Voice	Writt en - Legibl e	Termi nolog y	Diagr ams	Usage of OHP/ LCD	Hand s-on	Lab Demo	Practi cal	Depth of Cover	Indus trial trial	Guida nce	Cond uct of Tutor ials	Guida nce	Cond uct of Cours es	Cordi al & Carin g	Total
26	2/17/2023 18:30:45	922119104038	SANTHOSH KUMARS	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
27	2/17/2023 17:30:43	922119104039	SANTHOSINI K	5	5	4	5	5	5	5	5	5	10	10	5	5	5	5	5	
28	2/17/2023 18:49:50	922119104040	SARAVANAKUMARG	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
29	2/17/2023 18:45:21	922119104041	SATHEESH KUMARG	4	4	5	5	4	5	5	5	4	5	10	10	5	5	5	5	5
30	2/17/2023 17:50:01	922119104042	SHIFFIN PAUL J	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
31	2/17/2023 17:35:18	922119104043	SRI VARSHINI K	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
32	2/18/2023 14:14:21	922119104044	SUJIT SUKESHS	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
33	2/18/2023 13:35:44	922119104045	TAMIL SELVANA	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
34	2/18/2023 14:45:11	922119104046	VASANTH N	5	4	5	4	5	4	5	5	5	4	8	8	4	5	5	5	
35	2/18/2023 11:21:53	922119104047	VASANTH M P	4	4	4	4	4	4	4	4	4	7	7	4	4	4	4	4	
36	2/18/2023 13:36:03	922119104049	VINO JOEL R	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
37	2/18/2023 11:46:33	922119104050	VISHWA BHARATHI J	5	5	5	3	5	5	5	5	5	8	10	5	4	4	5	5	
38	2/17/2023 18:09:30	922119104051	YASMIN J	4	5	4	5	5	5	5	4	5	9	9	5	4	5	4	5	
39	2/17/2023 17:42:53	922119104052	YOGESH S	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
40	2/18/2023 15:26:39	922119104301	ASHOK KUMARG	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	
41	2/18/2023 13:18:16	922119104302	GURUBALAN A	3	3	2	3	3	3	3	3	3	6	5	3	4	2	2	4	
42	2/17/2023 17:27:52	922119104303	RUBAN M	4	4	4	4	5	5	4	5	10	5	4	5	5	5	5	5	
43	2/18/2023 13:18:57	922119104304	SUJITH R	5	4	4	4	4	4	4	4	4	10	9	5	5	5	5	5	
44	2/18/2023 12:24:17	922119104502	ROSE MISHNA M	4	4	4	4	4	5	5	4	5	9	9	4	4	4	4	4	
		Average	4.6	4.5	4.6	4.5	4.5	4.6	4.5	4.5	4.5	4.5	8.9	8.6	4.5	4.4	4.4	4.5	9.0	

Principal
Dr.D.Senthil Kumaran

HoD/CSE
Dr.C.Sujatha

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

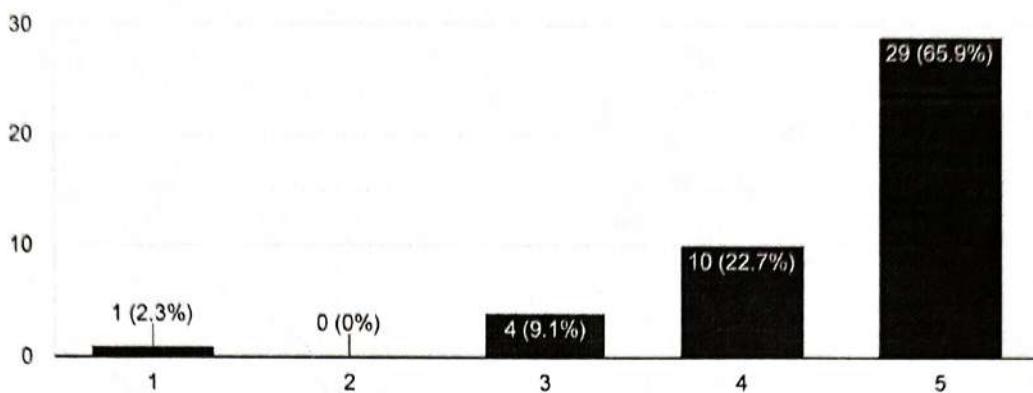


SSM Institute of Engineering and Technology
Kuttathupatti Village, Sivagangai (P.O),
Palani Road, Dindigul - 624 002.

Conduct of Tutorials

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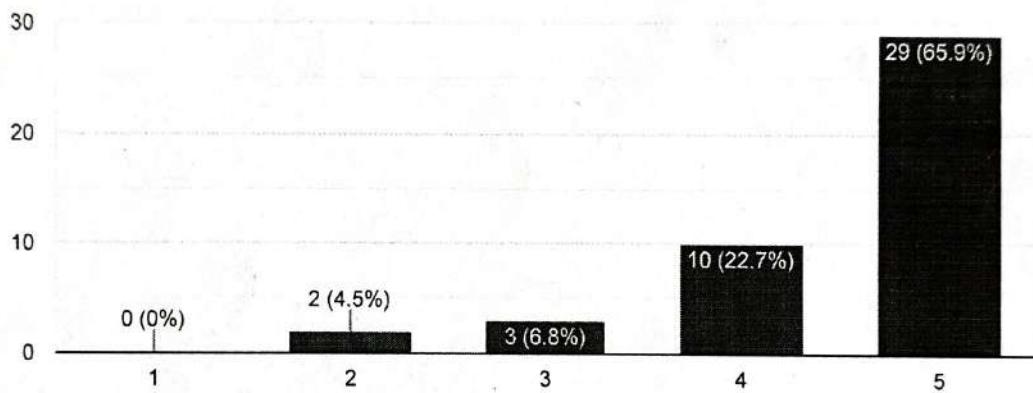
44 responses



Industrial Products Exposure

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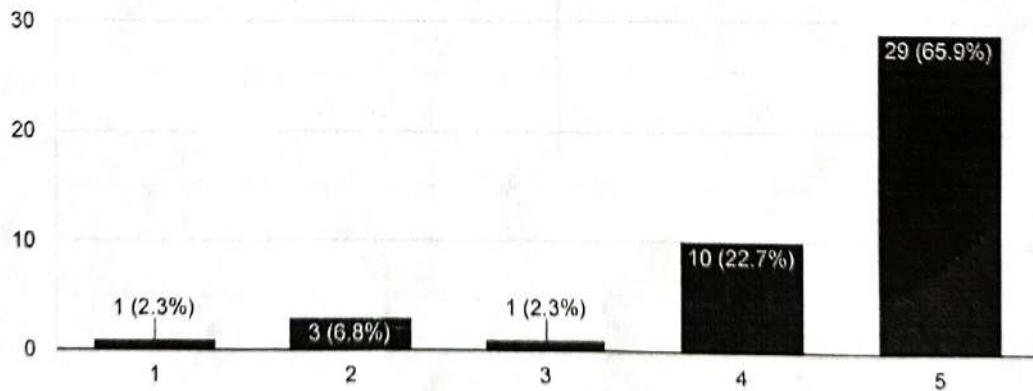
44 responses



Guidance on Projects

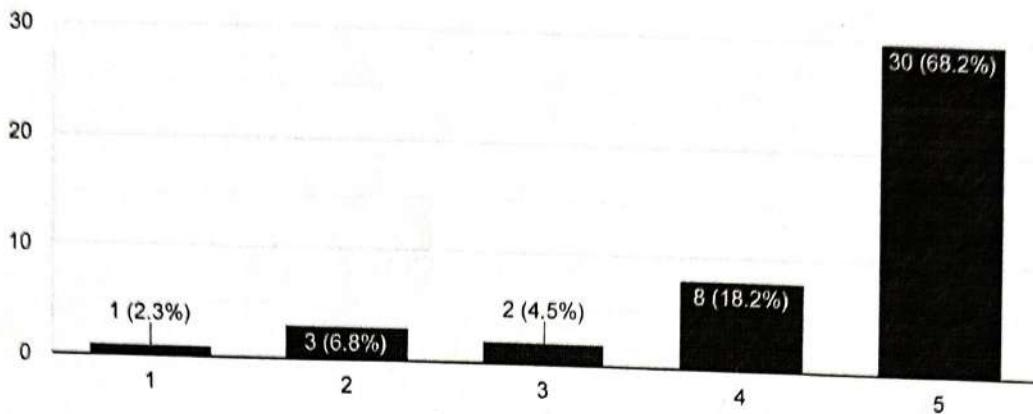
Copy

44 responses

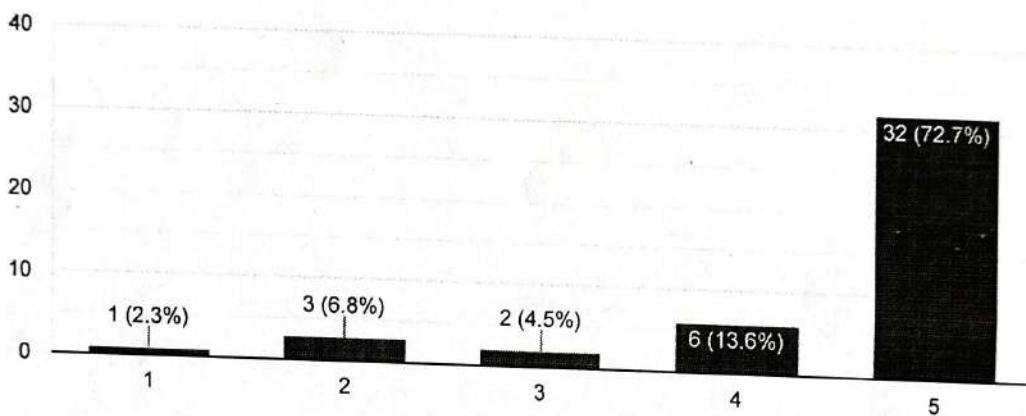


Conduct of Course
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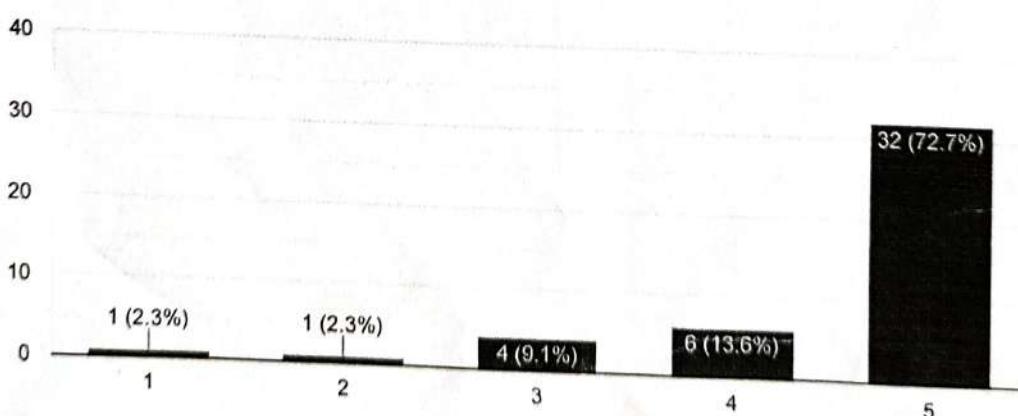
44 responses

**Unbiased**
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44 responses

**Cordial & Caring**
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44 responses

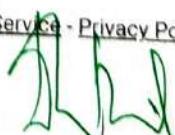


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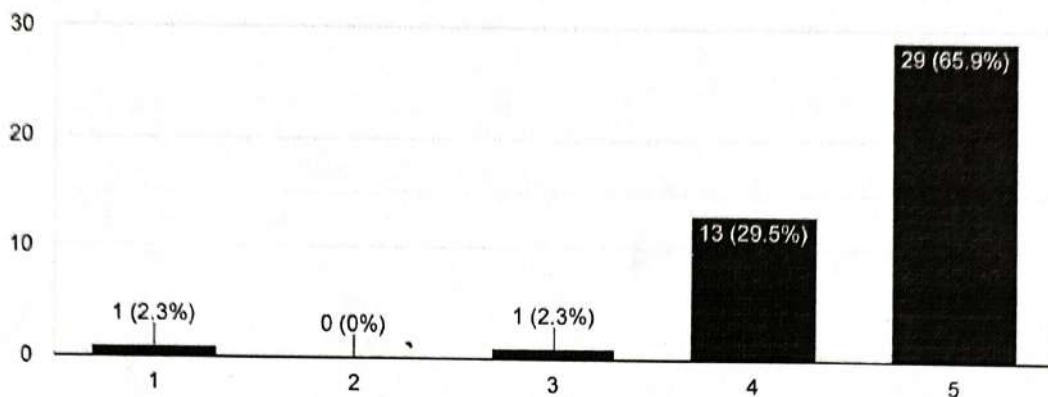


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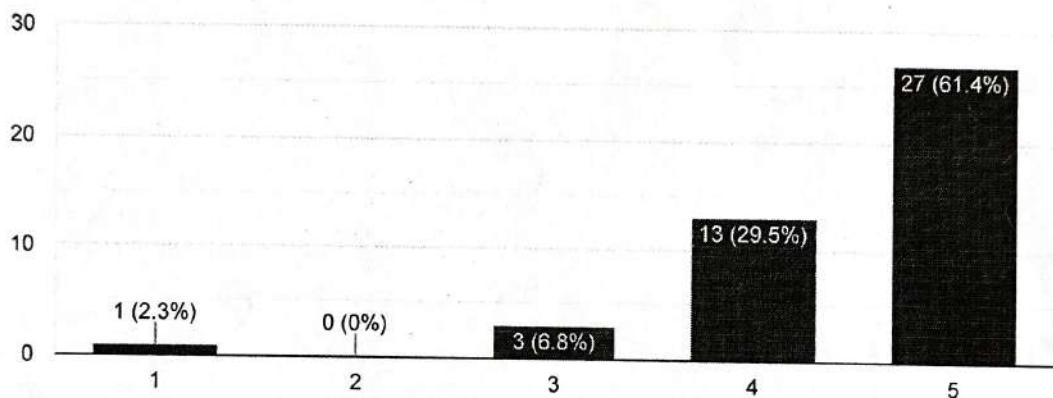


Language
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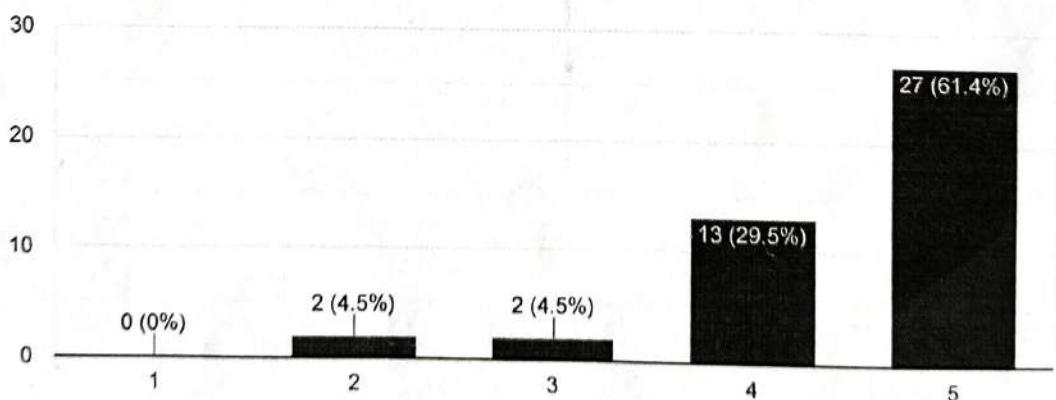
44 responses

**Voice**
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44 responses

**Written - Legible**
 Copy

44 responses

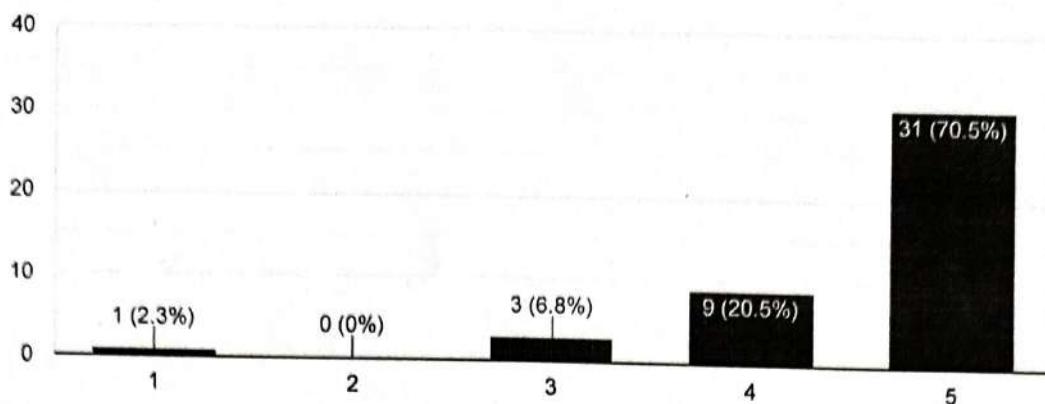


6/13

Terminology Introduction

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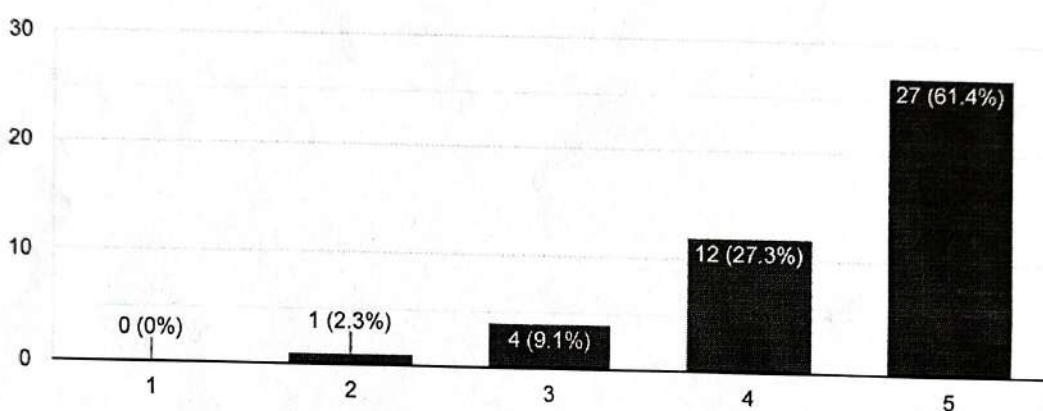
44 responses



Diagrams

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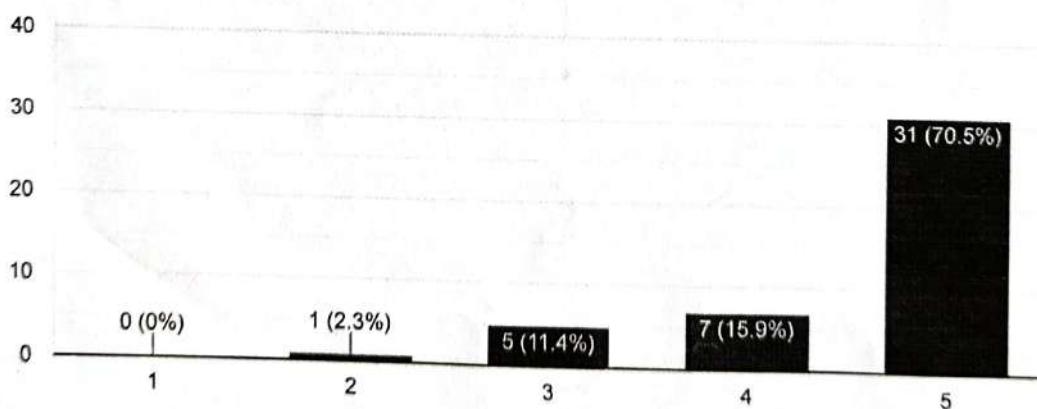
44 responses



Usage of OHP/LCD

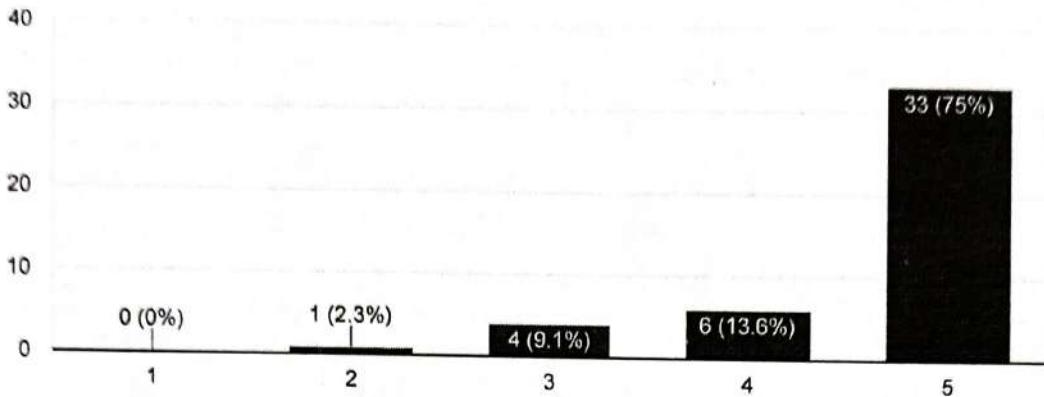
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44 responses

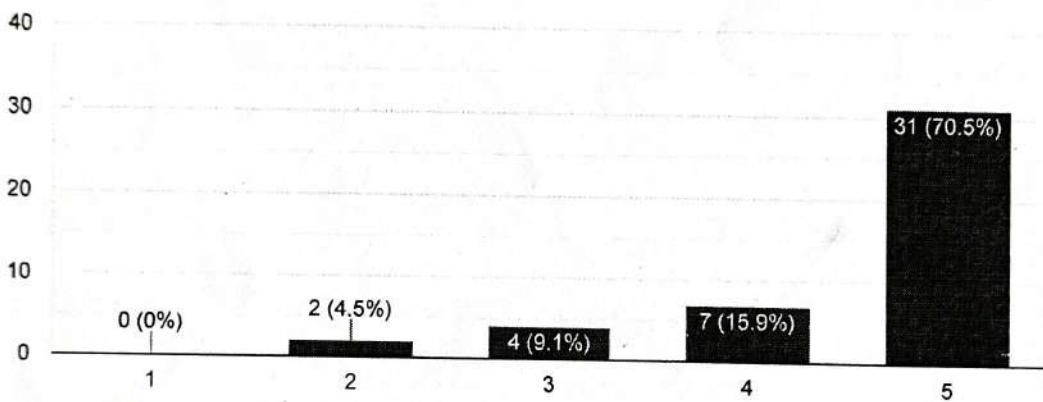


Hands-on Abilities
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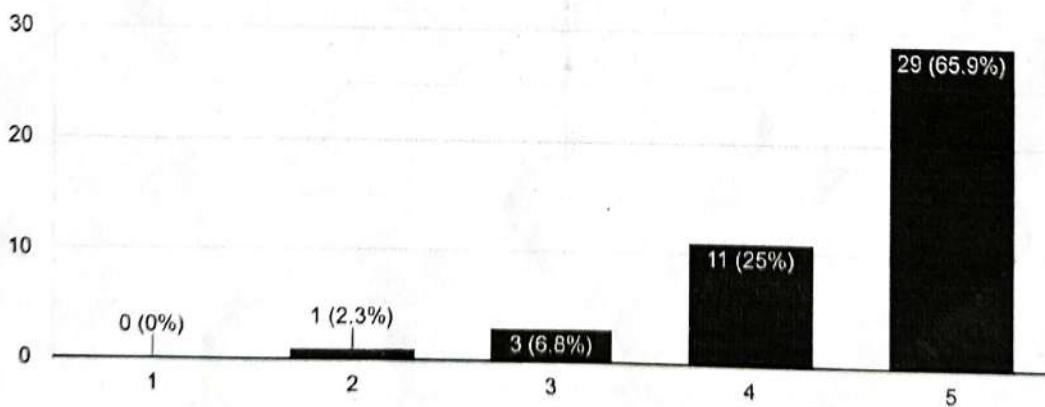
44 responses

**Lab Demonstrations**
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44 responses

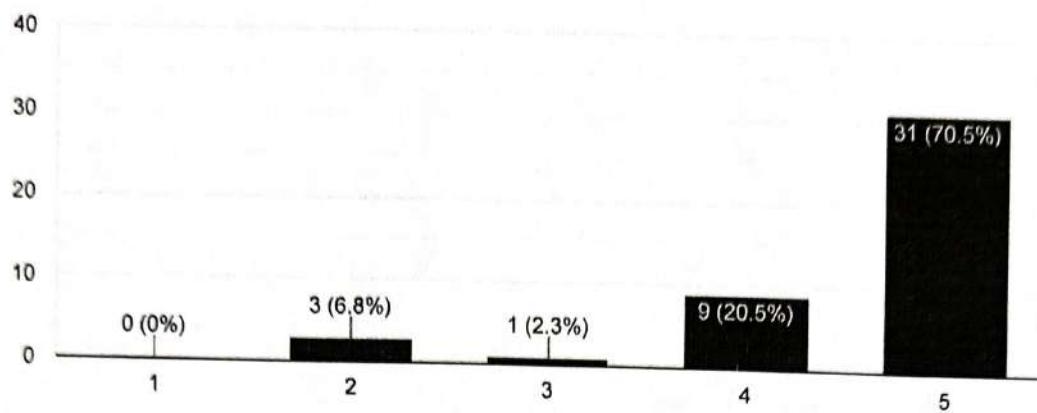
**Question & Answer Sessions**
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44 responses

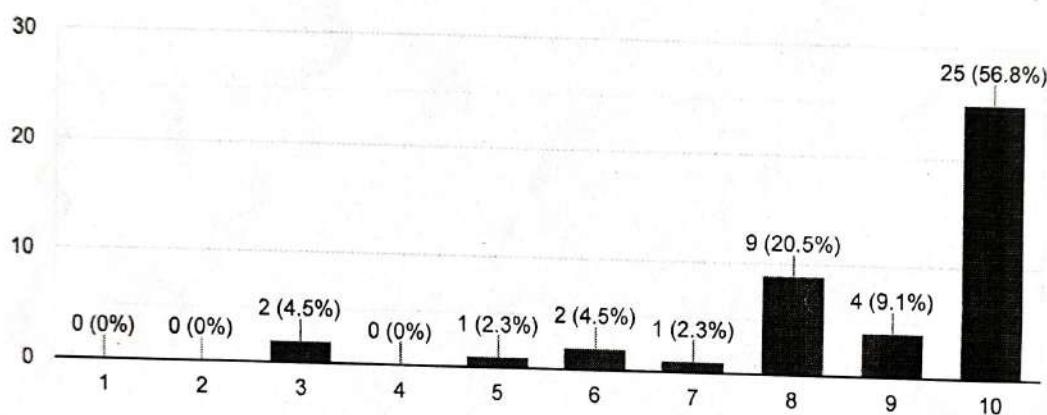


Problem Solving Capability
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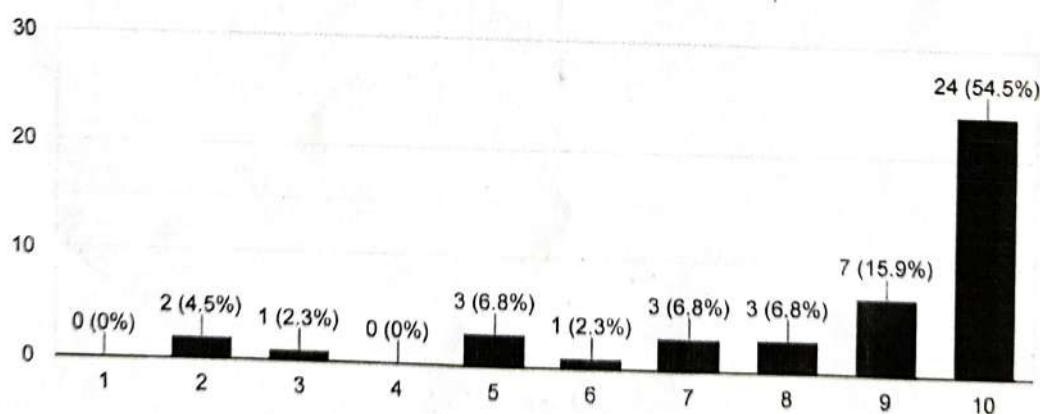
44 responses

**Practical Knowledge**
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44 responses

**Depth of Coverage**
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44 responses





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(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

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

Programme Co-Ordinators

Ms. N. Padma Priya, AP/CSE

Mr.G.Murugan AP/CSE

Mrs. S. Suganya, AP/CSE

HoD/CSE

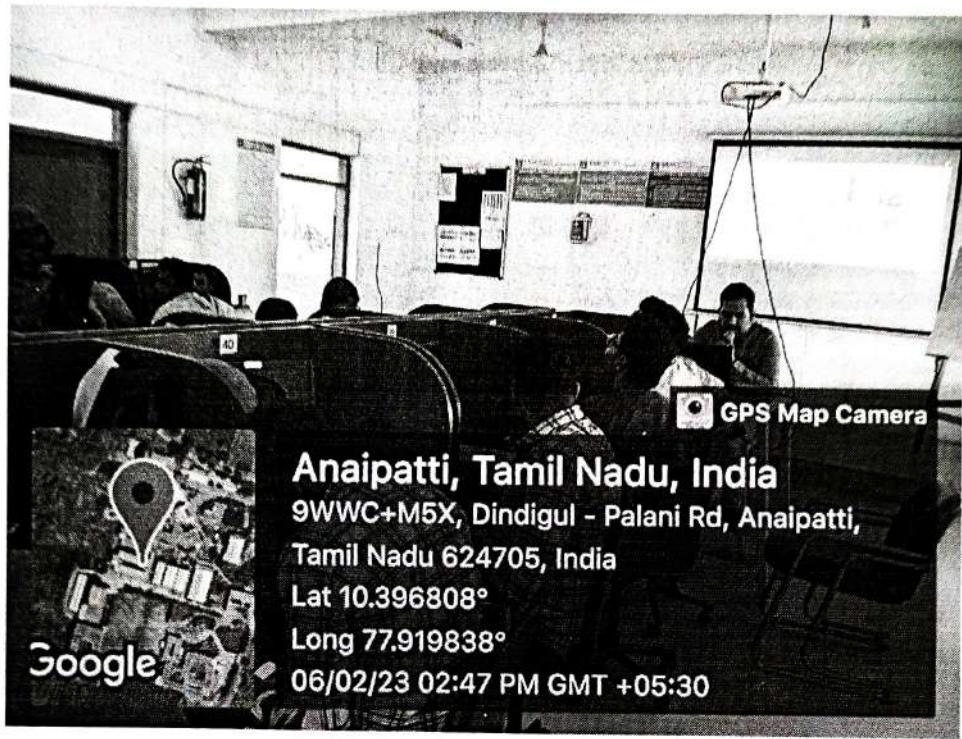
(Dr.C.Sujatha)

Principal

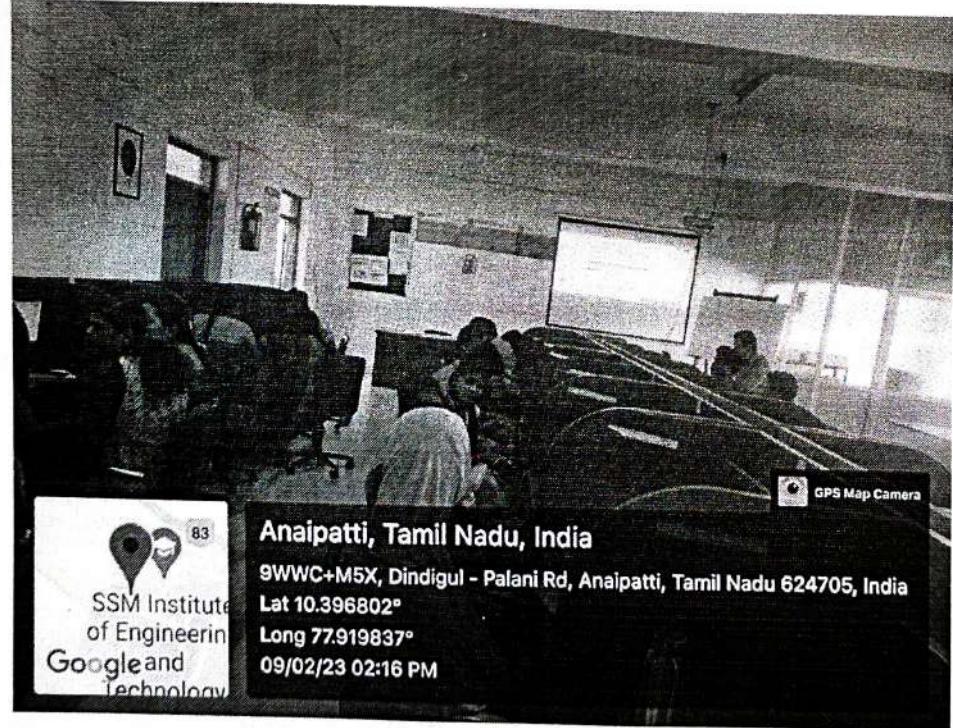
(Dr.D.Senthil Kumaran)



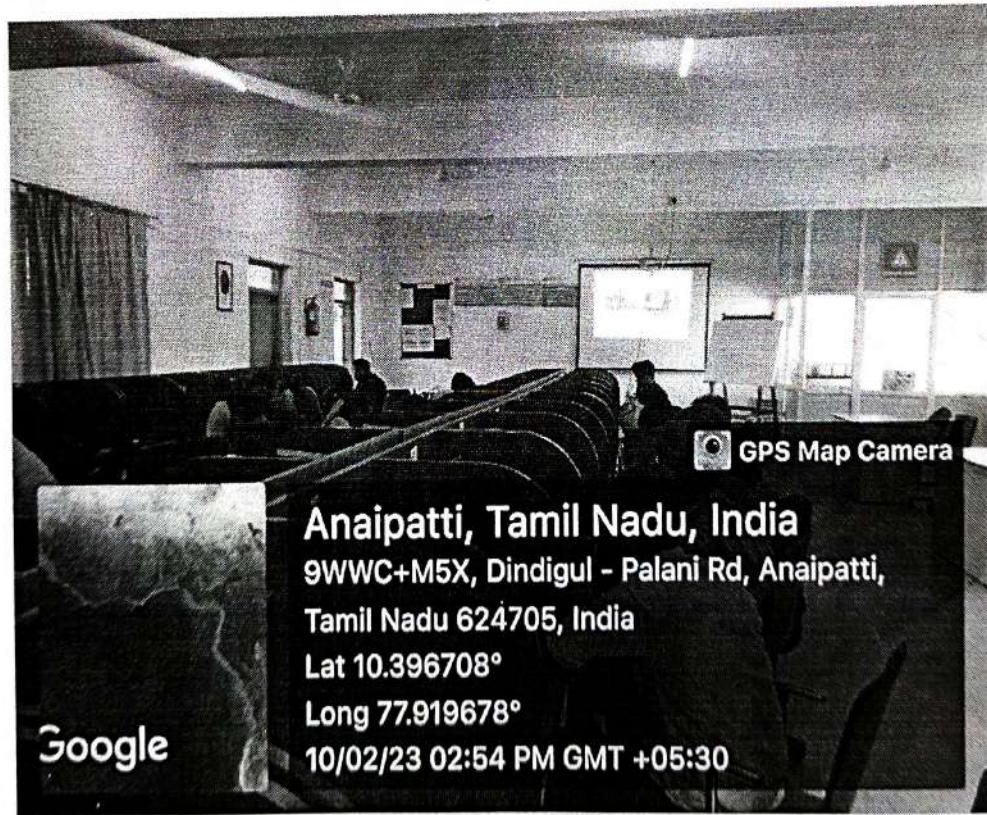
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Palani Road, Dindigul-624 002,



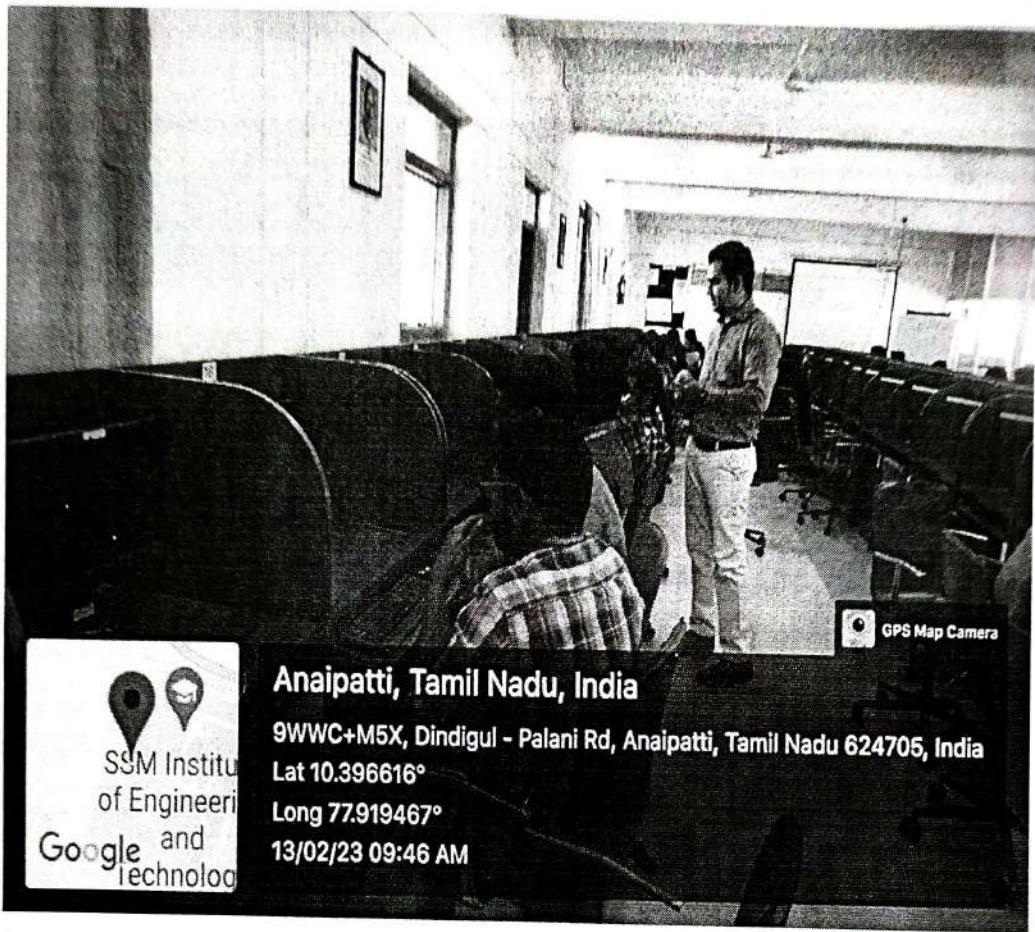

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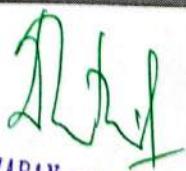


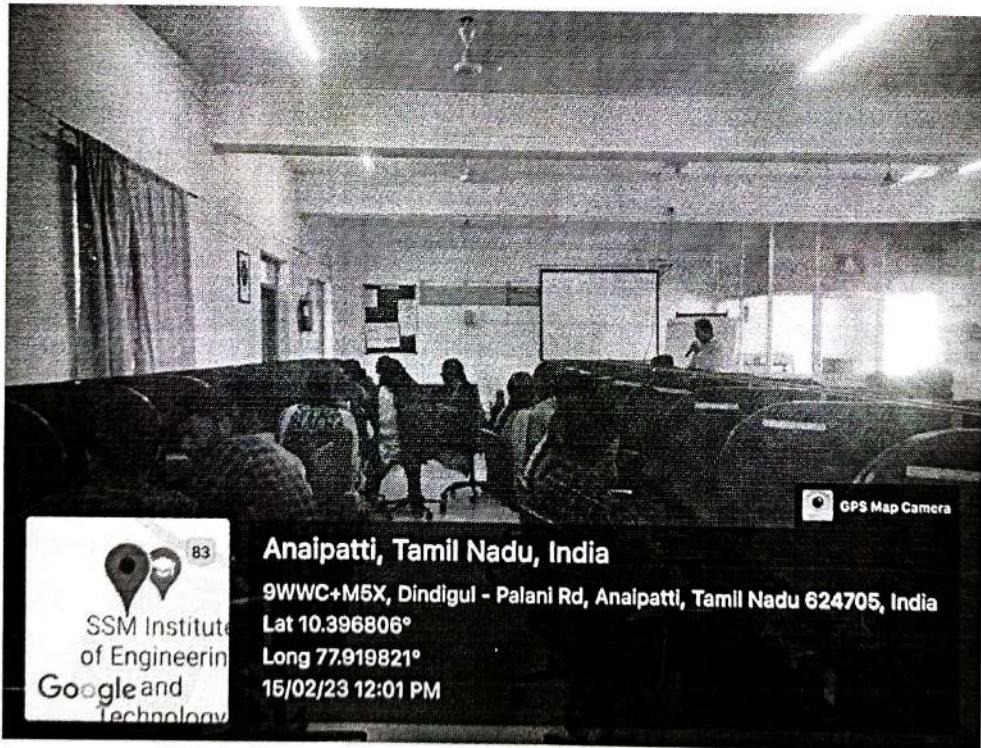
[Handwritten signature]
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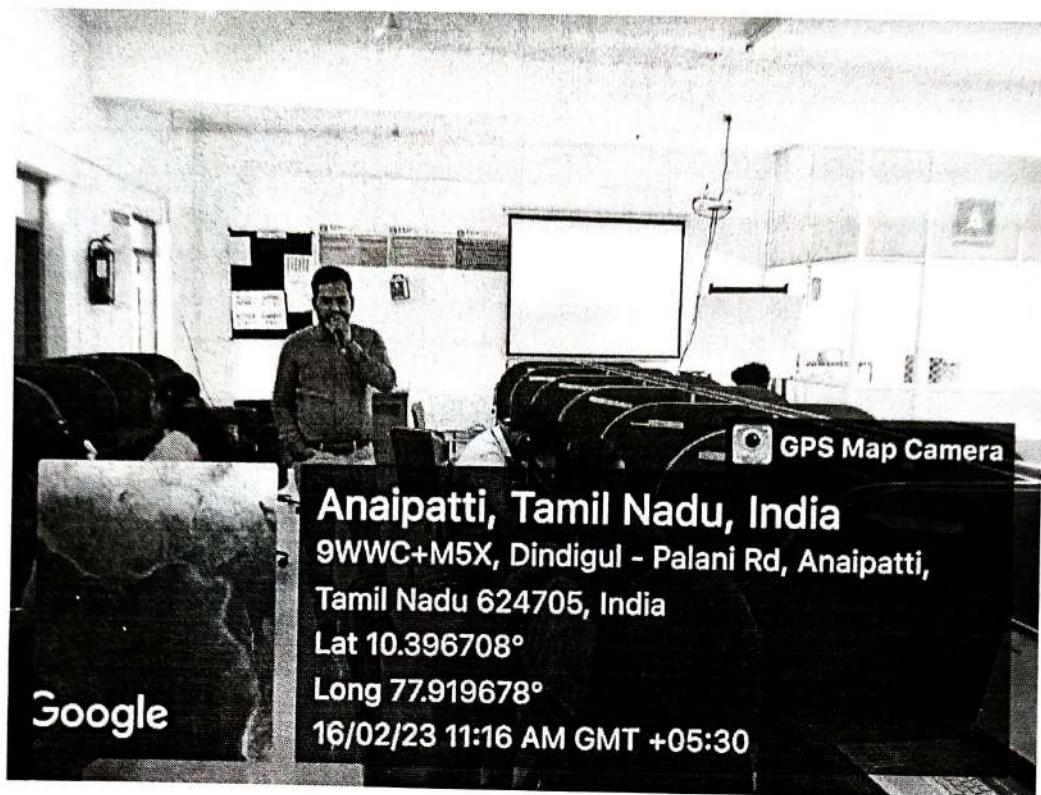

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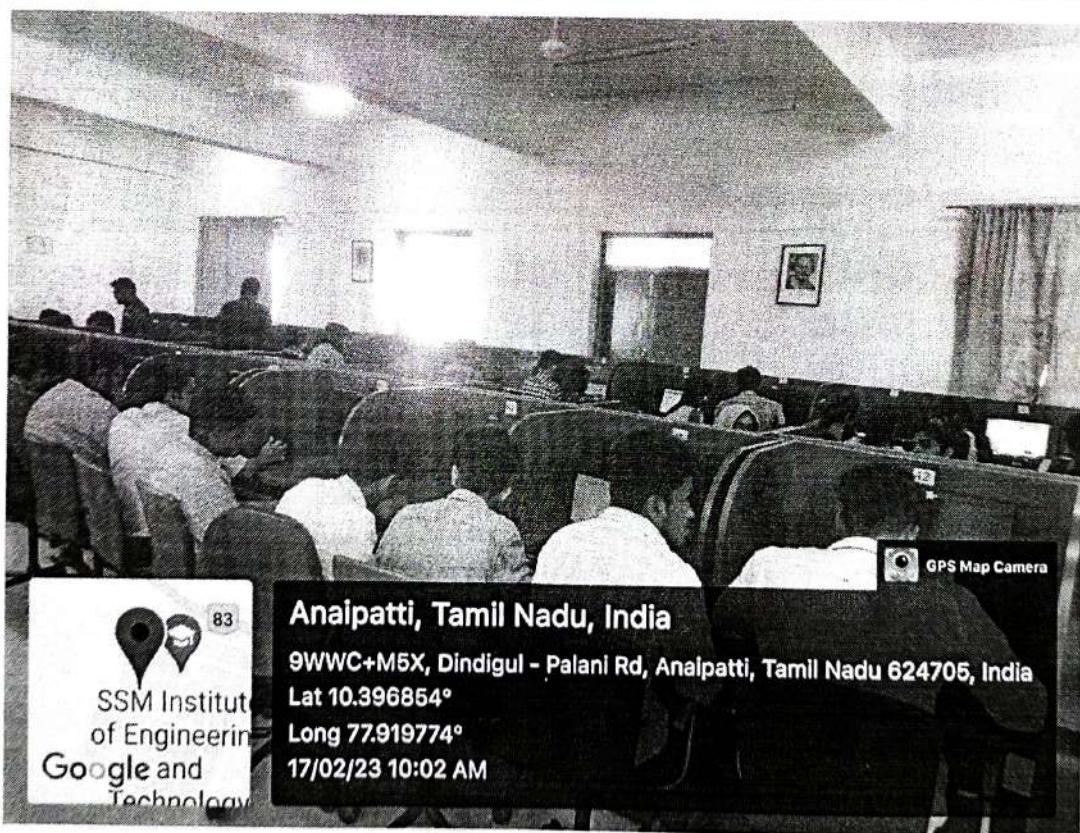

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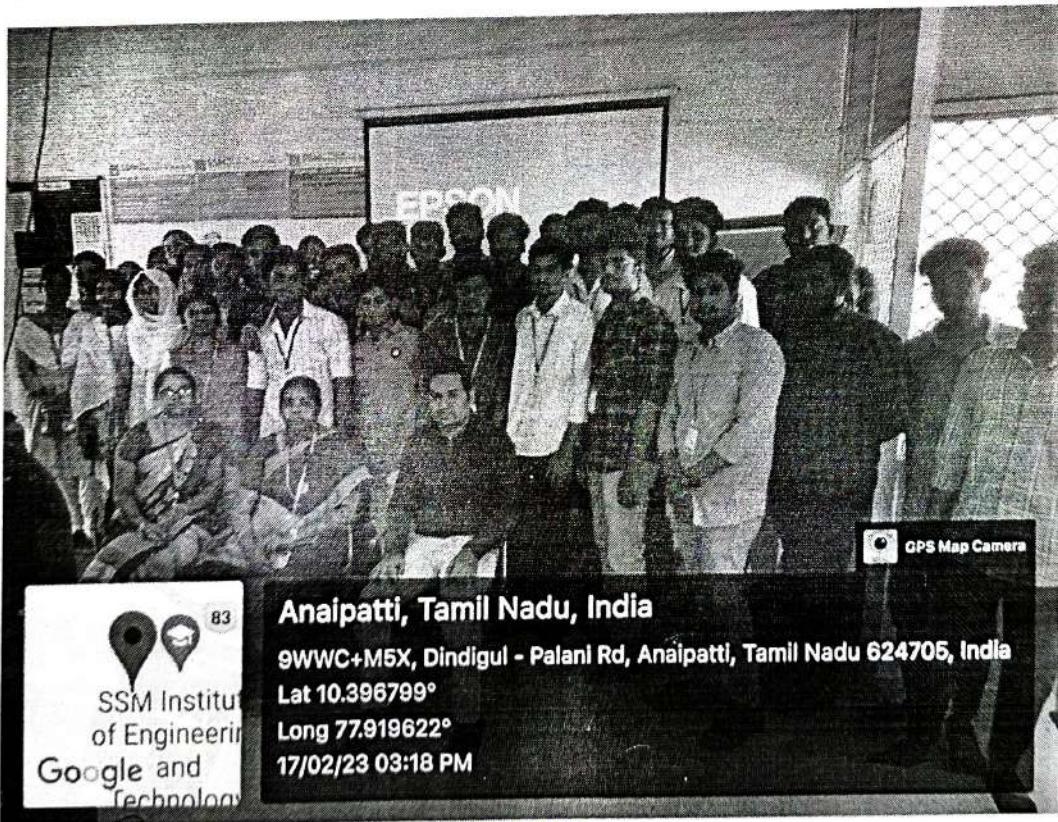
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Palani Road, Dindigul - 624 002,

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Anaipatti, Tamil Nadu, India
9WWC+M5X, Dindigul - Palani Rd, Anaipatti, Tamil Nadu 624705, India
Lat 10.396826°
Long 77.919785°
17/02/23 12:06 PM

GPS Map Camera



Anaipatti, Tamil Nadu, India
9WWC+M5X, Dindigul - Palani Rd, Anaipatti, Tamil Nadu 624705, India
Lat 10.396799°
Long 77.919622°
17/02/23 03:18 PM

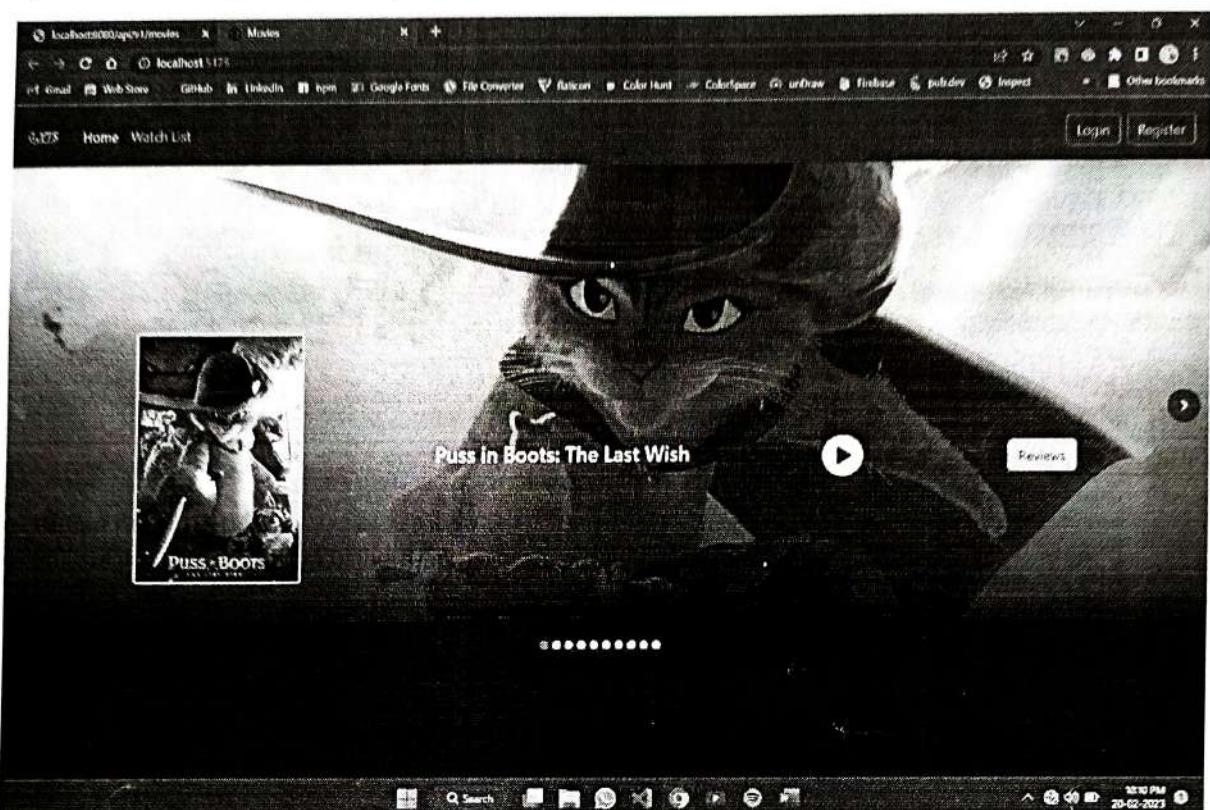
GPS Map Camera



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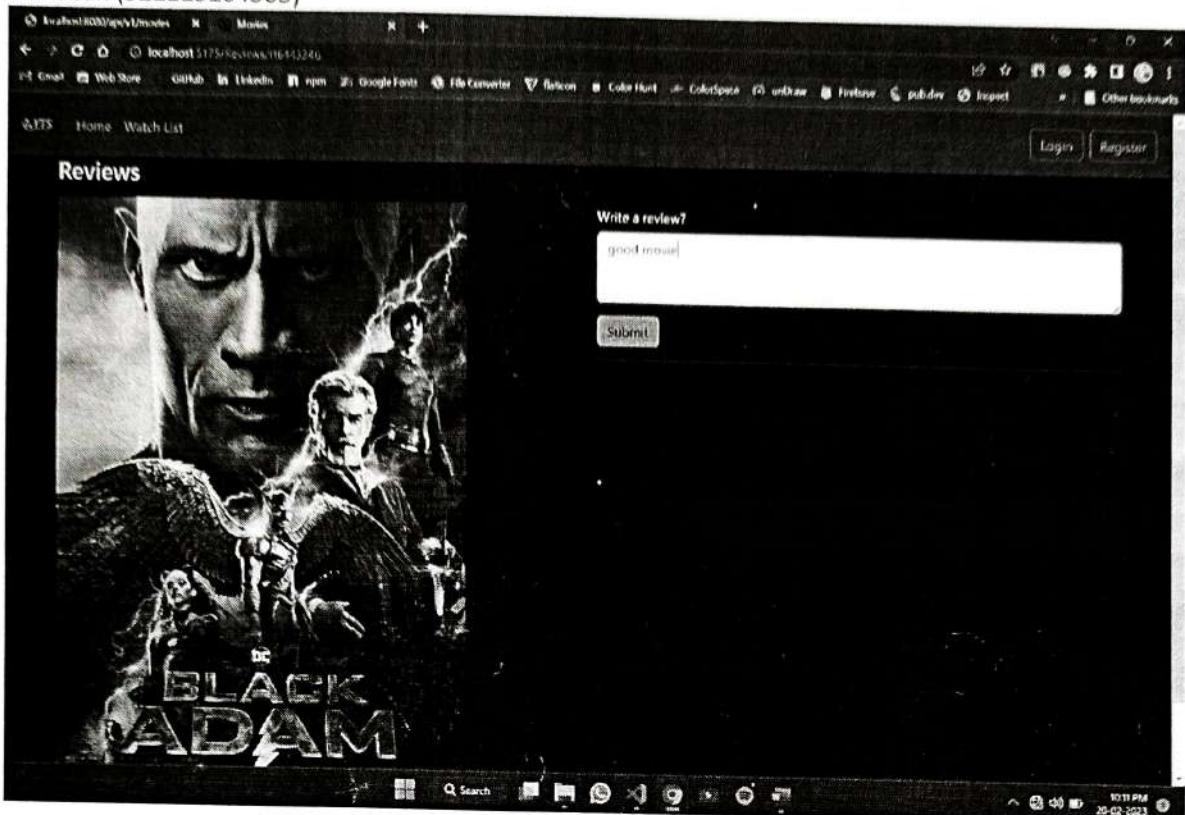
M.Ruban (922119104303)

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



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A handwritten signature in black ink, appearing to read "Dr. D. Senthil Kumaran".



```
1 {
2   "id": {
3     "timestamp": 1675762133,
4     "date": 1675762133000
5   },
6   "imdbId": "tt3995174",
7   "title": "Fists of Steel: The Last Wish",
8   "releaseDate": "2022-12-21",
9   "trailerLink": "https://www.youtube.com/watch?v=vt0B7a3gycic",
10  "poster": "http://image.tech.org/r/p/w500/lmp/ESLp923wG257HCTSIHeut.jpg",
11  "genres": [
12    "Action",
13    "Action",
14    "Adventure",
15    "Comedy",
16    "Family"
17  ],
18  "backdrops": [
19    "https://image.tech.org/r/p/original/rWfPnRfTtngBz2722cD3BHQGy.jpg",
20    "https://image.tech.org/r/p/original/far7av803Jmdu-TaxerXx8e0t9v.jpg",
21    "https://image.tech.org/r/p/original/poNEMnMtz2iEzsdDRD9B4t4.jpg",
22    "https://image.tech.org/r/p/original/tow4ev8j6KCPqSjwL7THH655.jpg",
23    "https://image.tech.org/r/p/original/cDf9A3jOw6m97K7KscqXuvn1.jpg",
24    "https://image.tech.org/r/p/original/qL6Pv1u1TO99Wn3RmSAEJGg.jpg",
25    "https://image.tech.org/r/p/original/whmhpOQ9vypB897D12D1B8.jpg",
26    "https://image.tech.org/r/p/original/uC6GZG111pYd5lydm6tPph1.jpg",
27    "https://image.tech.org/r/p/original/zg071K85zCAR8pH001HMR4H6.jpg",
28    "https://image.tech.org/r/p/original/4r-firC0lKxxzQ1t6Hmg1mK2.jpg"
29  ],
30  "reviewData": [
31    {
32      "id": {
33        "timestamp": 1675762140,
34        "date": 1675762140000
35      },
36      "body": "It's a good movie"
37    }
38  ],
39  "id": {
40    "timestamp": 1675472122,
41    "date": 1675472122000
42  },
43  "imdbId": "tt3995174"
```



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M.Ruban (922119104303)
2) Login Register using React.js

A screenshot of a web browser window showing a login form. The title of the form is "Log in". It contains fields for "Email or username" and "Password". Below the password field is a "Remember me" checkbox and a "Forgot password?" link. At the bottom is a "Log in" button and a link "Dont have an account? [Register](#)". The browser's address bar shows "localhost:3001/login". The status bar at the bottom right indicates "10:12 PM 20-02-2023".

A screenshot of a web browser window showing a registration form. The title of the form is "Register". It contains fields for "Email or username", "Password", and "Confirm Password". Below the password fields is a "Remember me" checkbox and a "Register" button. At the bottom is a link "Already have an account? [Log in](#)". The browser's address bar shows "localhost:3001/register". The status bar at the bottom right indicates "10:12 PM 20-02-2023".

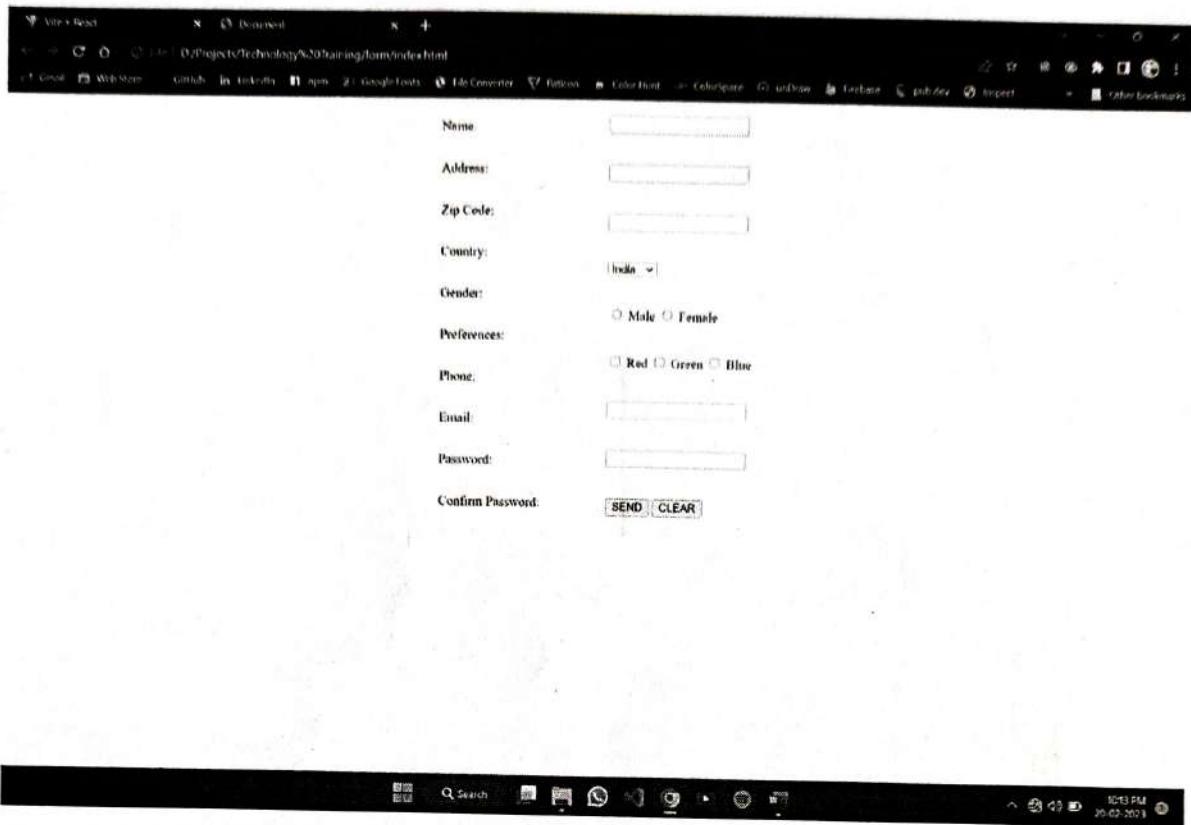


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A handwritten signature in black ink, appearing to read "Dr. D. Senthil Kumaran".

M.Ruban (922119104303)

3) JavaScript Form validation



Vite + React D:\Projects\Technology\N0\training\form\index.html

Name:

Address:

Zip Code:

Country:

Gender: Male Female

Preferences: Red Green Blue

Phone:

Email:

Password:

Confirm Password:

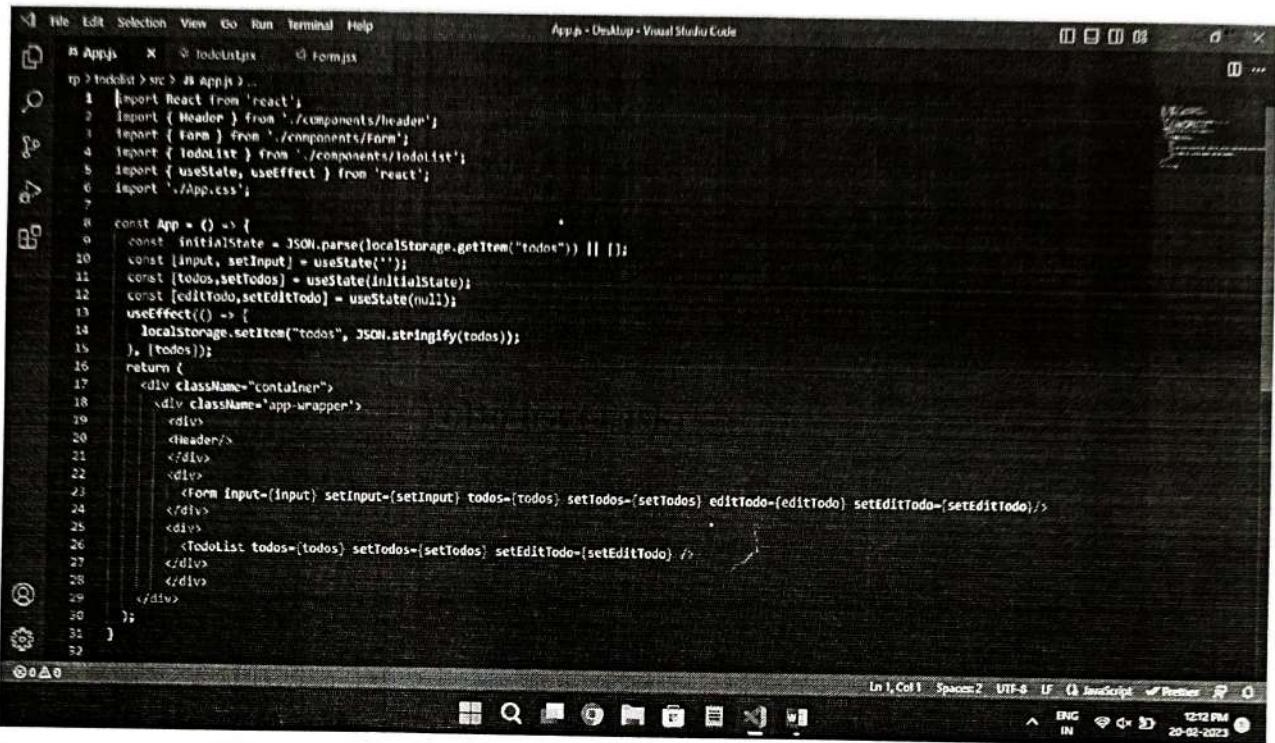


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ToDo list (Task)

Coding Part:

1.App.js



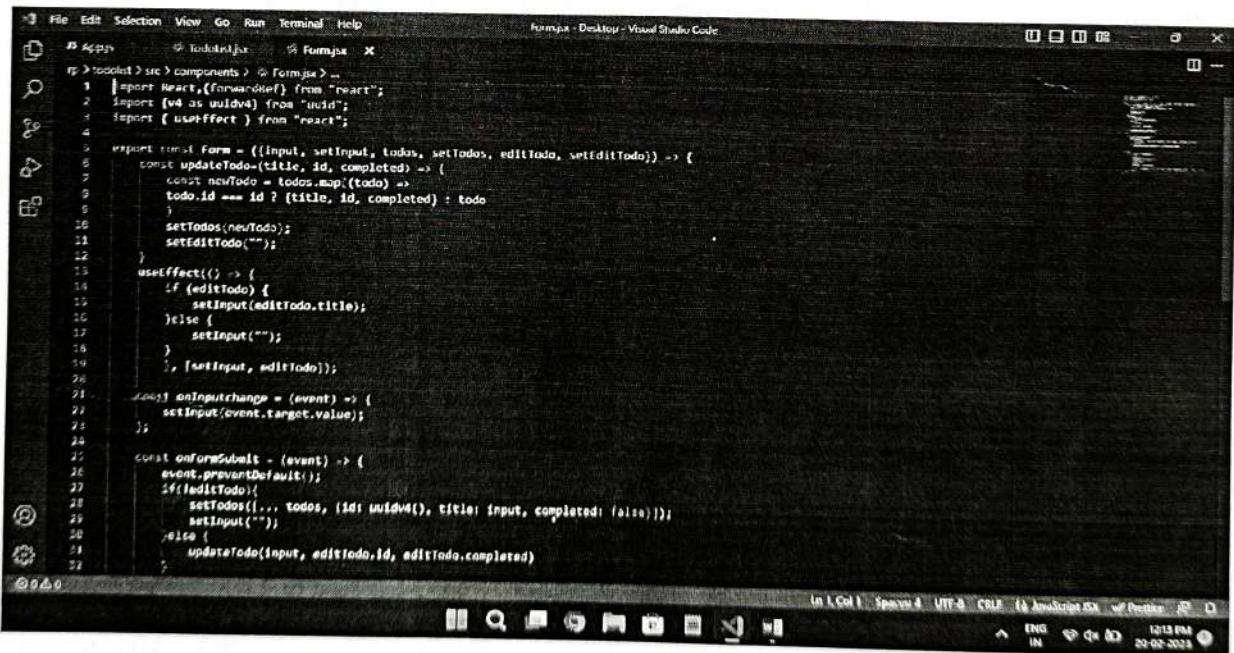
```

 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    );
29  };
30
31  export default App;
32

```

The screenshot shows the Visual Studio Code interface with the App.js file open. The code implements a simple To-Do list application using React. It uses local storage to persist the list of todos. The App component contains a header, a form for adding new todos, and a todolist component for displaying the items.

2.Form.jsx



```

 1  import React, { forwardRef } from "react";
 2  import { v4 as uuidv4 } from "uuid";
 3  import { useState, useEffect } from "react";
 4
 5  export const Form = ({input, setInput, todos, setTodos, editTodo, setEditTodo}) => {
 6    const updateTodo = (title, id, completed) => {
 7      const newTodo = todos.map((todo) =>
 8        todo.id === id ? {title, id, completed} : todo
 9      );
10      setTodos(newTodo);
11      setEditTodo("");
12    }
13    useEffect(() => {
14      if (editTodo) {
15        setInput(editTodo.title);
16      } else {
17        setInput("");
18      }
19    }, [editTodo, setInput]);
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    }
34  };
35
36  export default Form;
37

```

The screenshot shows the Visual Studio Code interface with the Form.jsx file open. This component handles the logic for adding new todos and updating existing ones. It uses the `forwardRef` hook to pass the `ref` prop to the input field, which is required for controlled components in React.



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```

3 TodoForm.js
  1 import React from "react";
  2 
  3 export const TodoForm = ({ todos, setTodos, setEditTodo }) => {
  4   return (
  5     <form onsubmit={onFormSubmit}>
  6       <input
  7         type="text"
  8         placeholder="enter a todo"
  9         className="task-input"
 10         value={input}
 11         required
 12         onChange={onInputChange}
 13       />
 14       <button className="button add" type="submit" >{editTodo ? "Edit" : "Add"}</button>
 15     </form>
 16   );
 17 }
 18 
```

3.Todo list.jsx

```

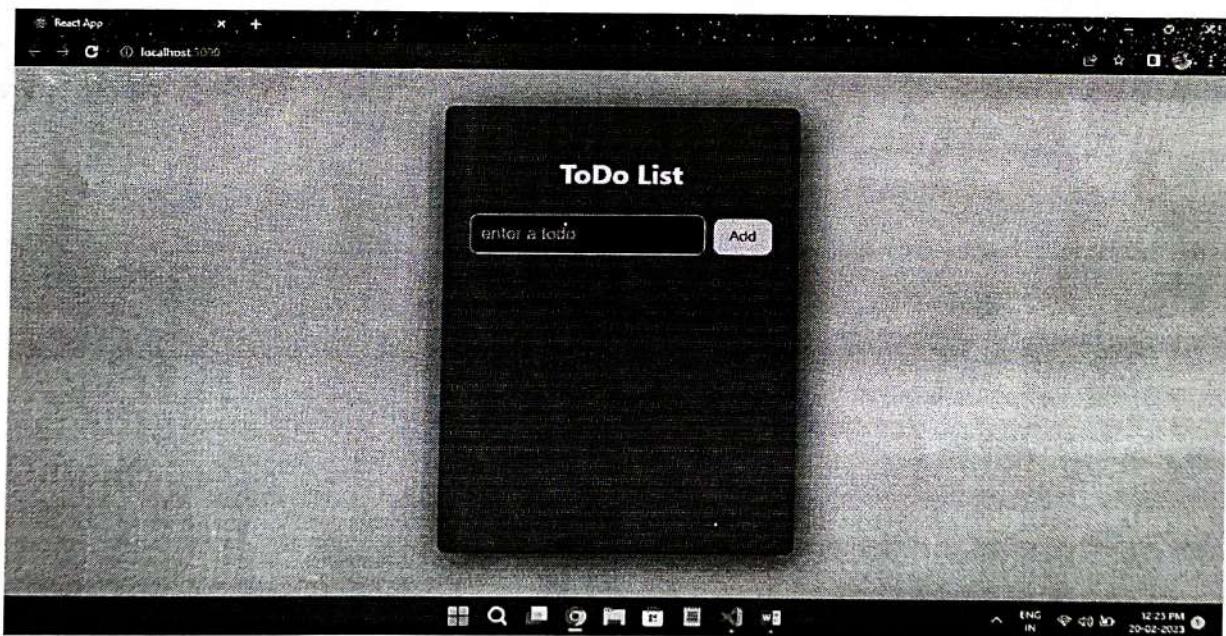
3 TodoList.js
  1 import React from "react";
  2 
  3 export const TodoList = ({ todos, setTodos, setEditTodo }) => {
  4   const onHandleDelete = ({ id }) => {
  5     setTodos(todos.filter((todo) => todo.id !== id));
  6   };
  7 
  8   const onHandleEdit = ({ id }) => {
  9     const findTodo = todos.find((todo)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

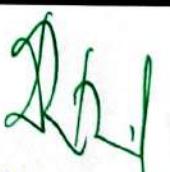


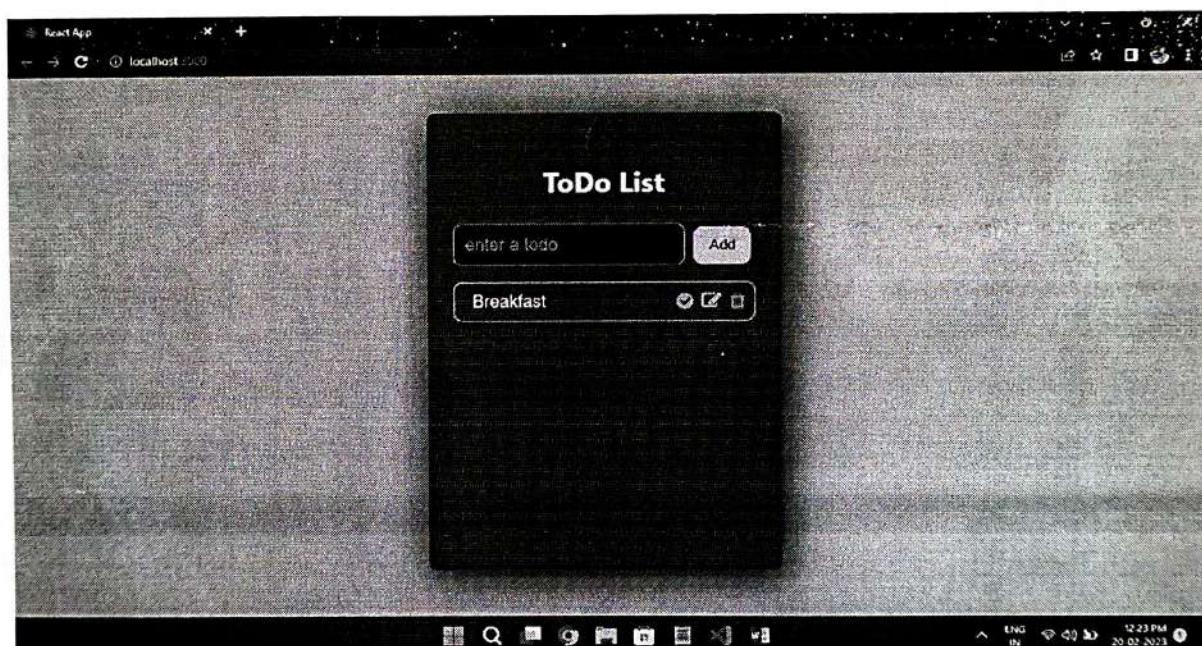
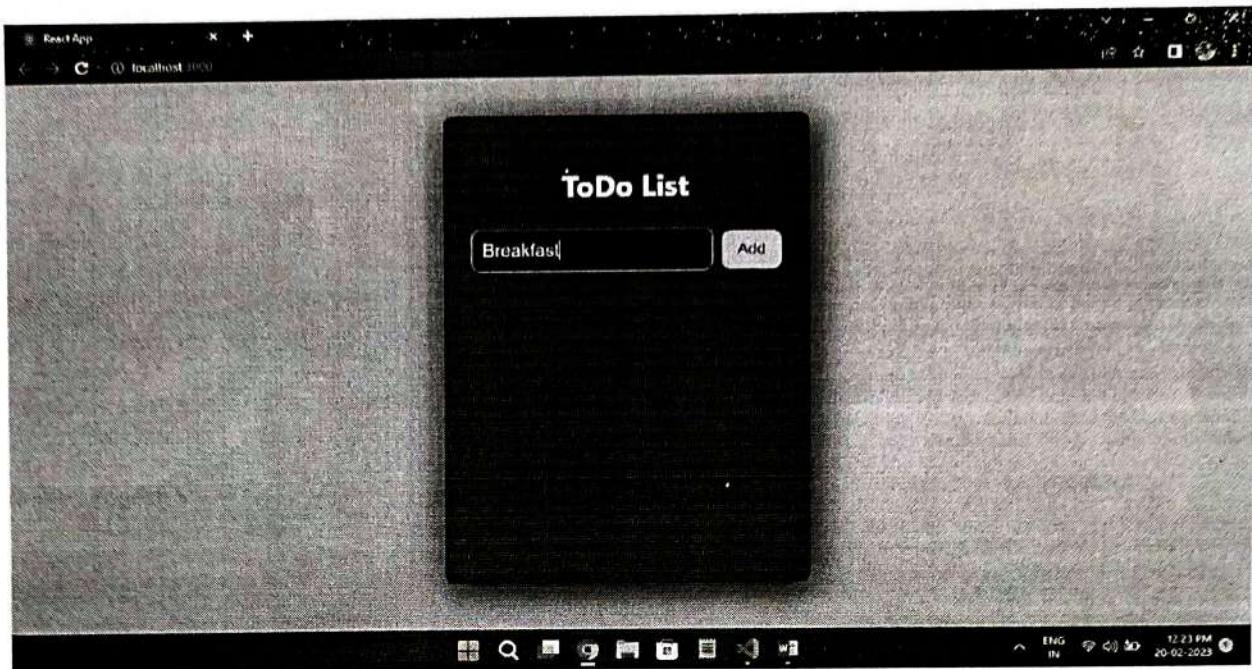
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The screenshot shows the Visual Studio Code interface with the file 'TodoList.js' open. The code is a React component named 'TodoList'. It imports 'React' and 'TodoItem' from 'components'. The component returns a `<div>` element containing a `<h1> TodoList </h1>` heading and a `` element. Inside the ``, there is a `` element with a `<div>` child. This `<div>` contains three `<button>` elements with `onClick` event handlers: 'onHandleComplete', 'onHandleEdit', and 'onHandleDelete'. The code uses CSS-in-JS classes like `'button-complete-task-button'`, `'button-edit-task-button'`, and `'button-delete-task-button'`. The file has 49 lines of code.

Output:

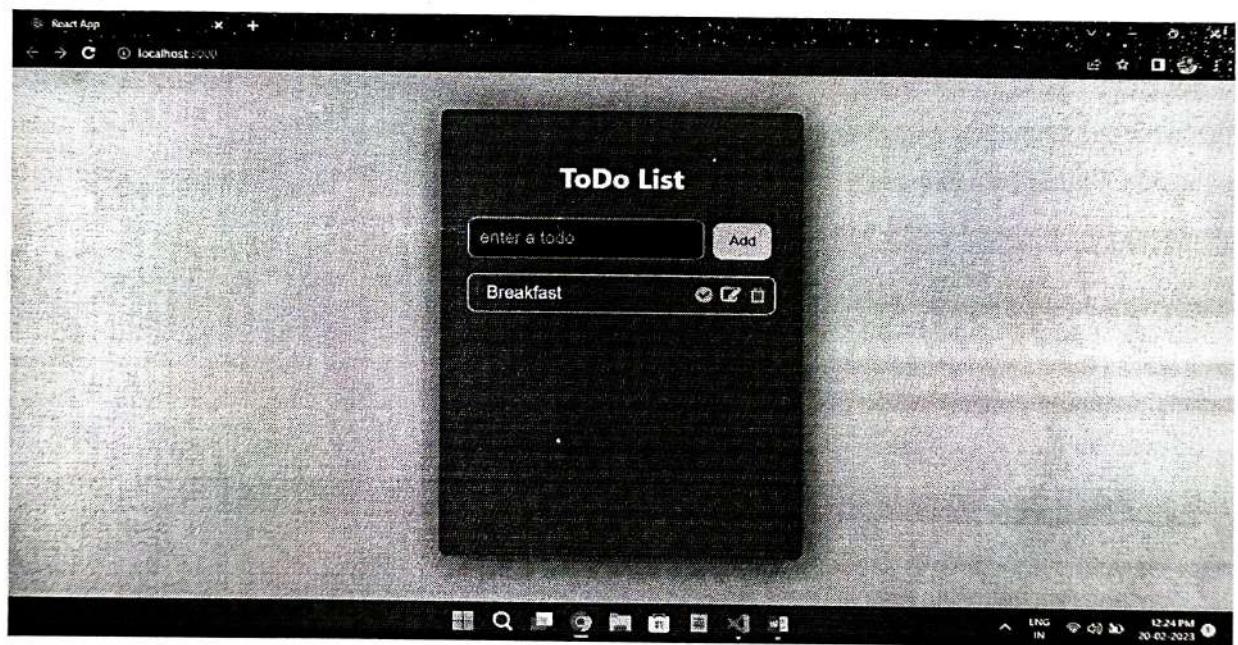



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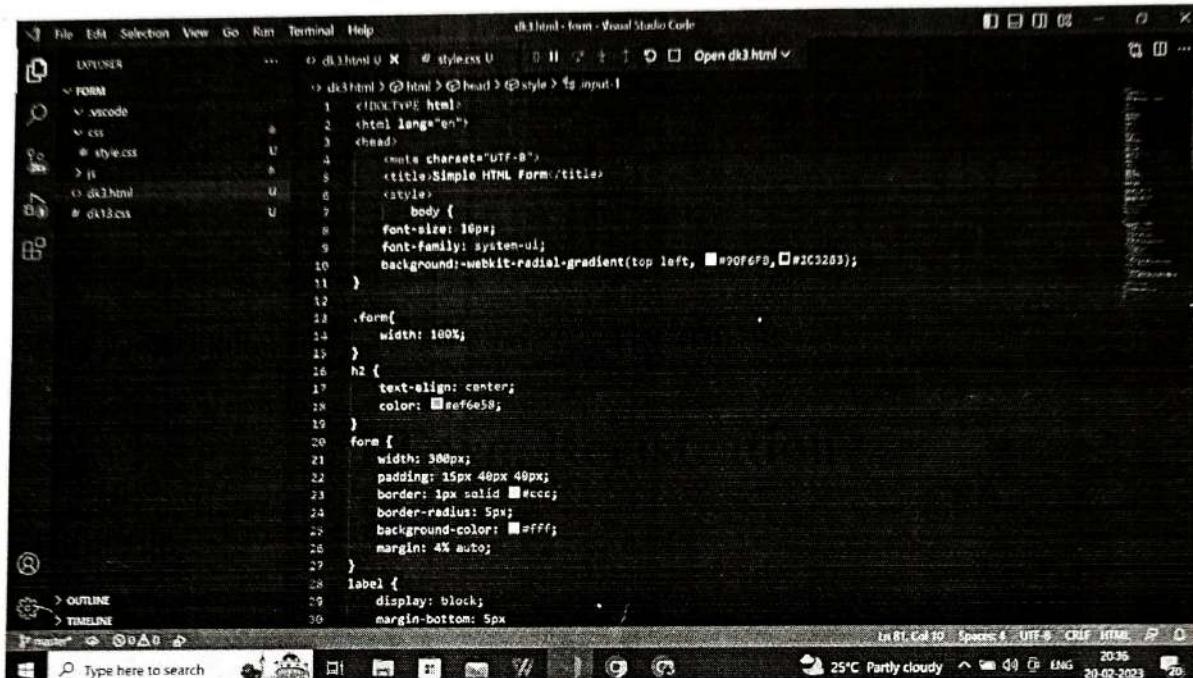
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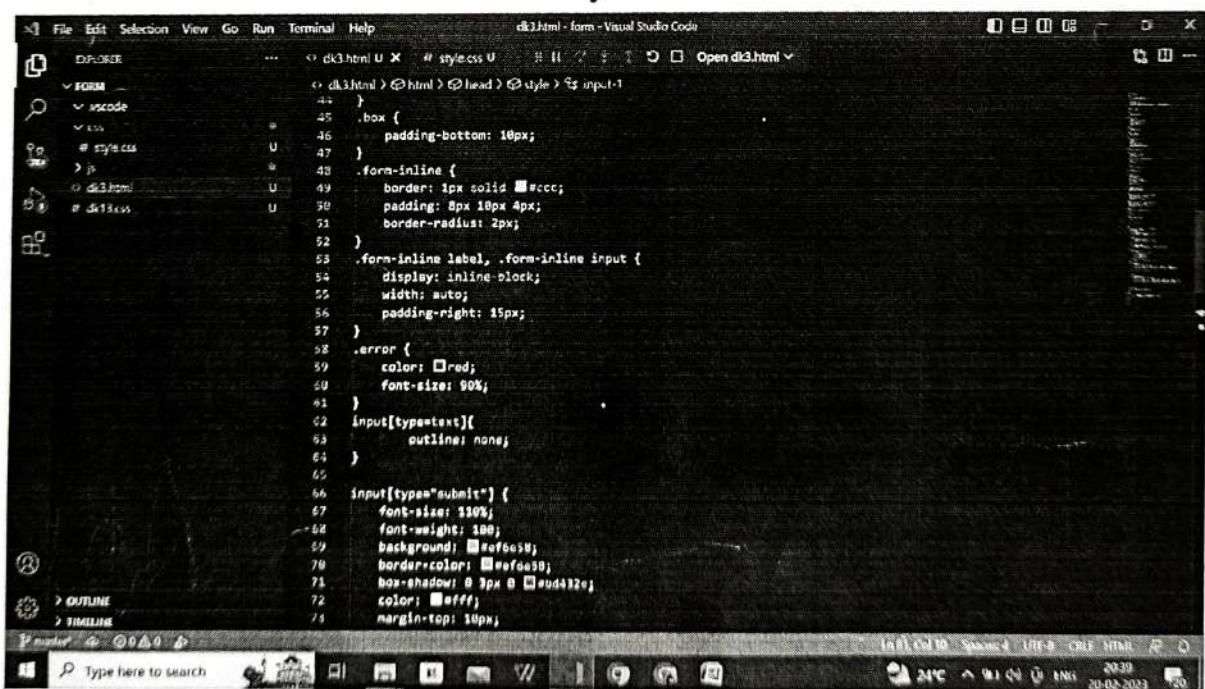
1.Form Registration

1.Html file

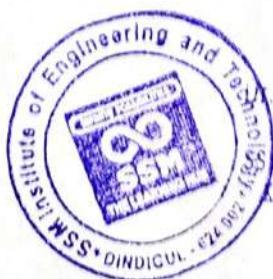


```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <title>Simple HTML Form</title>
    <style>
      body {
        font-size: 16px;
        font-family: system-ui;
        background:-webkit-radial-gradient(top left, #90f6fb, #2c3283);
      }
      .form{
        width: 100%;
      }
      h2 {
        text-align: center;
        color: #e6f6fa;
      }
      form {
        width: 300px;
        padding: 15px 40px 40px;
        border: 1px solid #ccc;
        border-radius: 5px;
        background-color: #fff;
        margin: 4% auto;
      }
      label {
        display: block;
        margin-bottom: 5px;
      }
    </style>
  </head>
  <body>
    <h2>Registration Form</h2>
    <form>
      <label>Name:</label>
      <input type="text" name="name" required="required" />
      <label>Email:</label>
      <input type="email" name="email" required="required" />
      <label>Password:</label>
      <input type="password" name="password" required="required" />
      <input type="submit" value="Submit" />
    </form>
  </body>
</html>
```

2.CSS File



```
.box {
  padding-bottom: 10px;
}
.form-inline {
  border: 1px solid #ccc;
  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: #e6f6fa;
  border-color: #e6f6fa;
  box-shadow: 0 3px 0 #a6d4d2;
  color: #fff;
  margin-top: 10px;
}
```



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3.JS file

```
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");
        }
    }
}
```

```
form.js - Visual Studio Code
File Edit Selection View Go Run Terminal Help
form.js (15) form.js (15) Open dck3.html
EXPLORER FORM DCK3.HTML U JS FORM.js 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 = /\S+@\S+\.\S+/;
    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");
    }
}

Type here to search
```



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File Edit Selection View Go Run Terminal Help forms - Visual Studio Code

EXPLORER ... d3.html U JS forms > printer.js Open d3.html

```

    <!-- FORM -->
    <form>
        <input type="text" id="name" name="name" value="Dinesh Kumar B"/>
        <input type="text" id="email" name="email" value="dineshkumarb@ssmit.ac.in"/>
        <input type="text" id="mobile" name="mobile" value="9842312345"/>
        <input type="text" id="country" name="country" value="Select"/>
        <input type="radio" id="gender" name="gender" checked="checked"/>
        <input type="radio" id="gender2" name="gender"/>
        <input type="checkbox" id="checkbox" name="checkbox"/>
        <input type="checkbox" id="checkbox2" name="checkbox"/>
    </form>

    <script>
        function printError(elemErr) {
            elemErr.classList.add("input-2");
            elemErr.classList.remove("input-1");
        }

        function printSuccess(elem) {
            elem.classList.add("input-1");
            elem.classList.remove("input-2");
        }

        function validateForm() {
            var name = document.getElementById("name");
            var email = document.getElementById("email");
            var mobile = document.getElementById("mobile");
            var country = document.getElementById("country");
            var gender = document.getElementById("gender");
            var checkbox = document.getElementById("checkbox");

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

            if(name.value === "") {
                printError(name);
                nameErr = true;
            } else {
                printSuccess(name);
            }

            if(email.value === "") {
                printError(email);
                emailErr = true;
            } else {
                printSuccess(email);
            }

            if(mobile.value === "") {
                printError(mobile);
                mobileErr = true;
            } else {
                var regex = /^[1-9]\d{9}$/;
                if(regex.test(mobile.value) === false) {
                    printError(mobile);
                    mobileErr = true;
                } else {
                    printSuccess(mobile);
                }
            }

            if(country.value === "Select") {
                printError(country);
                countryErr = true;
            } else {
                printSuccess(country);
            }

            if(gender.checked === false) {
                printError(gender);
                genderErr = true;
            } else {
                printSuccess(gender);
            }

            if(checkbox.checked === false) {
                printError(checkbox);
                checkboxErr = true;
            } else {
                printSuccess(checkbox);
            }

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

        function takevalue(){
            var name = document.getElementById("name").value;
            document.write("<br>" + name);

            var email = document.getElementById("email").value;
            document.write("<br>" + email);

            var Mobile = document.getElementById("mobile").value;
            document.write("<br>" + Mobile);
        }
    </script>

```

File Edit Selection View Go Run Terminal Help forms - Visual Studio Code

EXPLORER ... d3.html U JS forms > printer.js Open d3.html

```

    <!-- FORM -->
    <form>
        <input type="text" id="name" name="name" value="Dinesh Kumar B"/>
        <input type="text" id="email" name="email" value="dineshkumarb@ssmit.ac.in"/>
        <input type="text" id="mobile" name="mobile" value="9842312345"/>
        <input type="text" id="country" name="country" value="Select"/>
        <input type="radio" id="gender" name="gender" checked="checked"/>
        <input type="radio" id="gender2" name="gender"/>
        <input type="checkbox" id="checkbox" name="checkbox"/>
        <input type="checkbox" id="checkbox2" name="checkbox"/>
    </form>

    <script>
        function printError(elemErr) {
            elemErr.classList.add("input-2");
            elemErr.classList.remove("input-1");
        }

        function printSuccess(elem) {
            elem.classList.add("input-1");
            elem.classList.remove("input-2");
        }

        function validateForm() {
            var name = document.getElementById("name");
            var email = document.getElementById("email");
            var mobile = document.getElementById("mobile");
            var country = document.getElementById("country");
            var gender = document.getElementById("gender");
            var checkbox = document.getElementById("checkbox");

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

            if(name.value === "") {
                printError(name);
                nameErr = true;
            } else {
                printSuccess(name);
            }

            if(email.value === "") {
                printError(email);
                emailErr = true;
            } else {
                printSuccess(email);
            }

            if(mobile.value === "") {
                printError(mobile);
                mobileErr = true;
            } else {
                var regex = /^[1-9]\d{9}$/;
                if(regex.test(mobile.value) === false) {
                    printError(mobile);
                    mobileErr = true;
                } else {
                    printSuccess(mobile);
                }
            }

            if(country.value === "Select") {
                printError(country);
                countryErr = true;
            } else {
                printSuccess(country);
            }

            if(gender.checked === false) {
                printError(gender);
                genderErr = true;
            } else {
                printSuccess(gender);
            }

            if(checkbox.checked === false) {
                printError(checkbox);
                checkboxErr = true;
            } else {
                printSuccess(checkbox);
            }

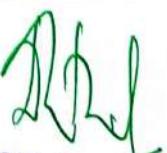
            if((nameErr || emailErr || mobileErr || countryErr || genderErr) === true) {
                return false;
            }
        }

        function takevalue(){
            var name = document.getElementById("name").value;
            document.write("<br>" + name);

            var email = document.getElementById("email").value;
            document.write("<br>" + email);

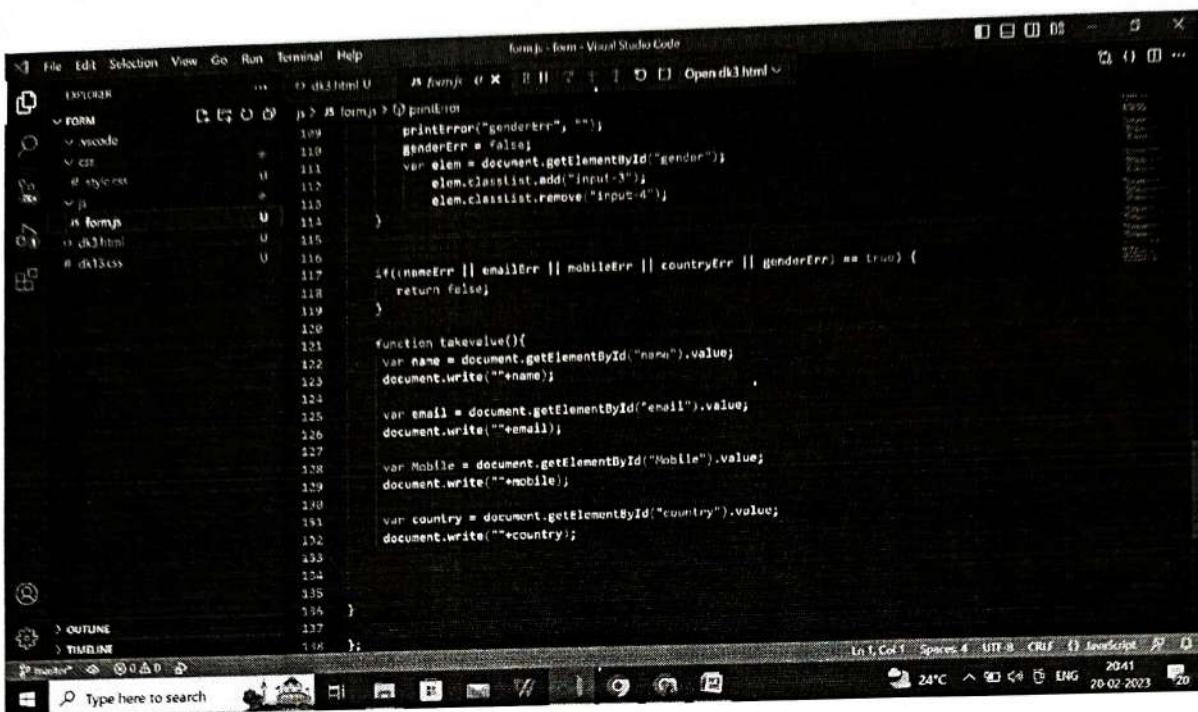
            var Mobile = document.getElementById("mobile").value;
            document.write("<br>" + Mobile);
        }
    </script>

```



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```

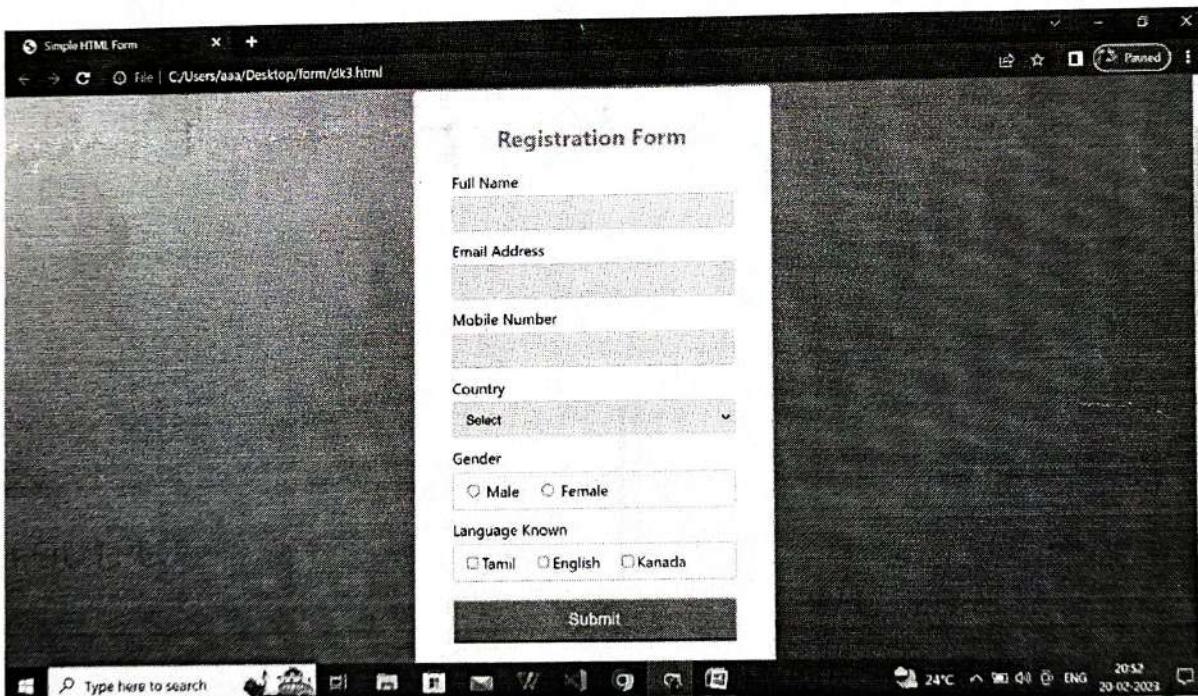
File Edit Selection View Go Run Terminal Help
FORM dk3.html dk3.html Open dk3.html
printError("genderErr", "");
genderErr = false;
var elem = document.getElementById("gender");
elem.classList.add("input-3");
elem.classList.remove("input-4");

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

function takevalue(){
    var name = document.getElementById("name").value;
    document.write("<name>" + name);
    var email = document.getElementById("email").value;
    document.write("<email>" + email);
    var Mobile = document.getElementById("Mobile").value;
    document.write("<+mobile>" + mobile);
    var country = document.getElementById("country").value;
    document.write("<+country>" + country);
}

```

4. OUTPUT



Simple HTML Form

File | C:/Users/aaa/Desktop/form/dk3.html

Registration Form

Full Name

Email Address

Mobile Number

Country

Select

Gender

Male Female

Language Known

Tamil English Kanada

Submit

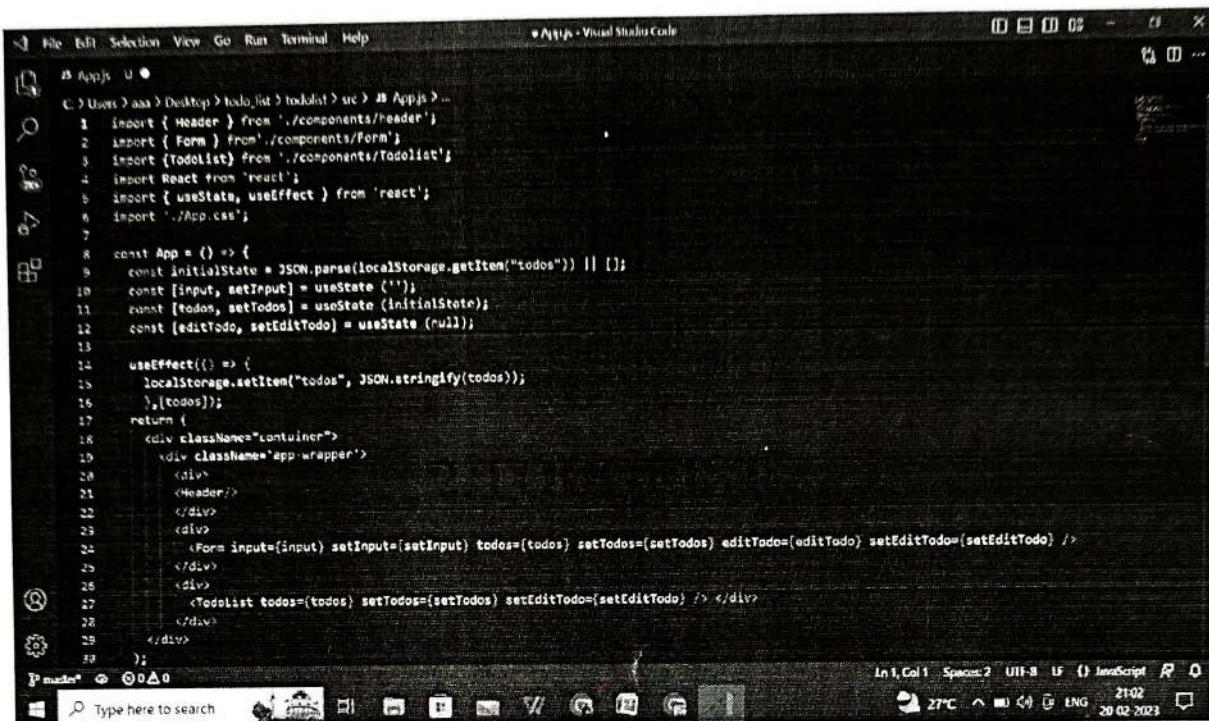


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2.TODOLIST

1.App.js

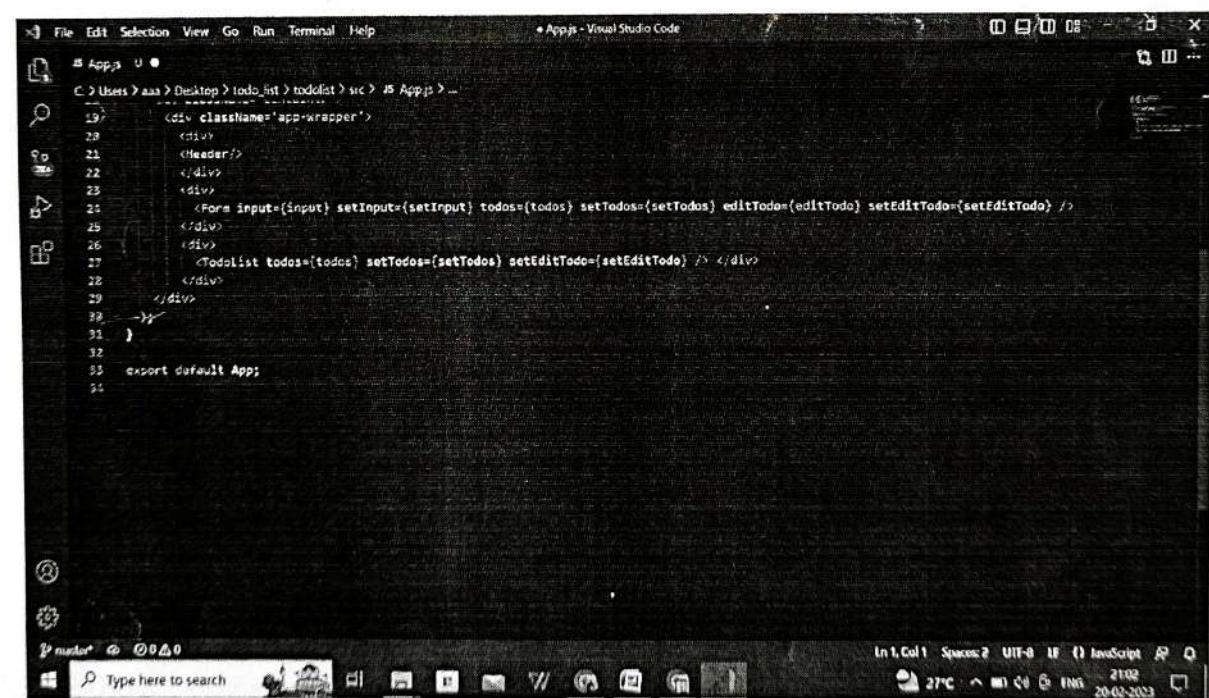


```

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         <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   );
30 }
31
32
33 export default App;
34

```

This screenshot shows the code for the App.js file in a Visual Studio Code editor. The code defines a functional component named App that manages a list of todos using state and local storage. It includes components for a header, a form for adding new todos, and a todolist.



```

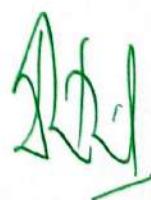
19<div className='app-wrapper'>
20<Header/>
21</div>
22<div>
23  <Form input={input} setInput={setInput} todos={todos} setTodos={setTodos} editTodo={editTodo} setEditTodo={setEditTodo} />
24</div>
25<div>
26  <Todolist todos={todos} setTodos={setTodos} setEditTodo={setEditTodo} />
27</div>
28</div>
29
30
31
32
33 export default App;
34

```

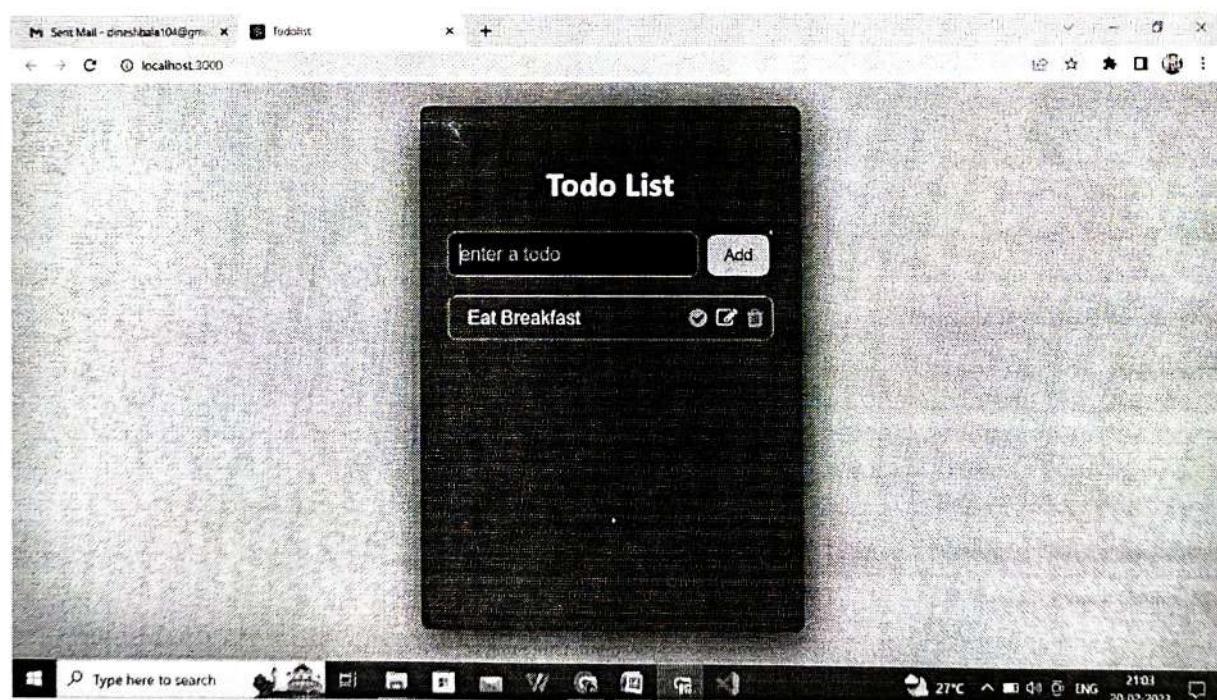
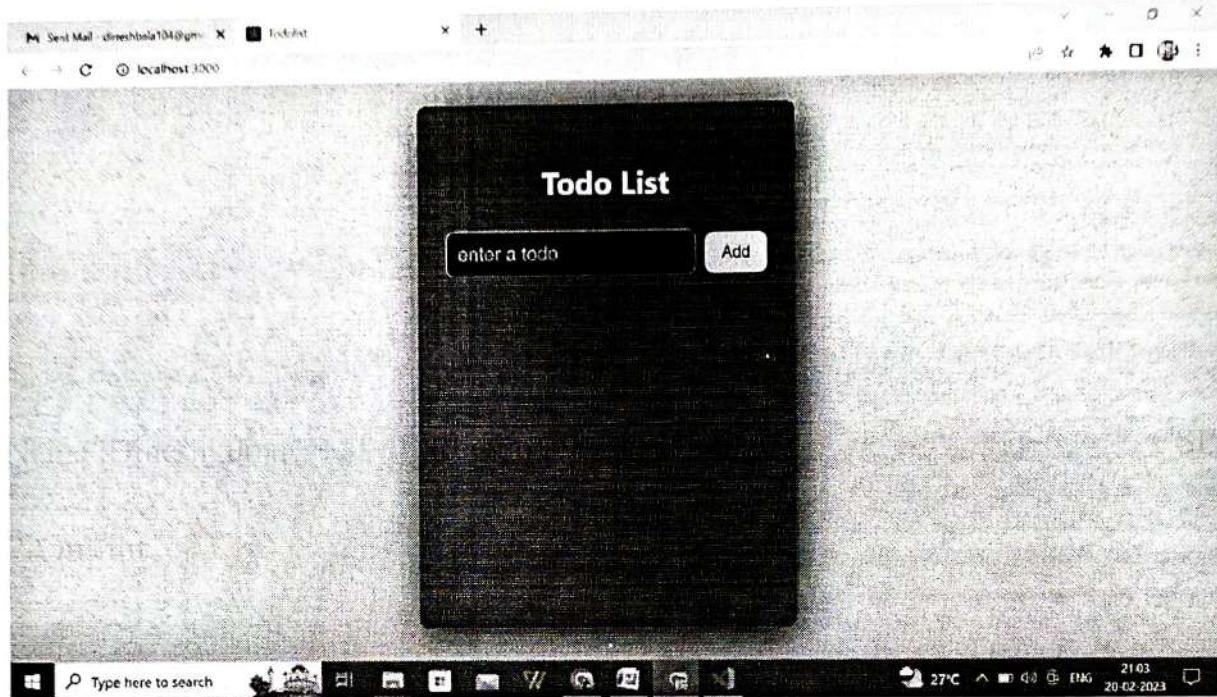
This screenshot shows the same App.js file, but with several lines of code removed, specifically lines 1 through 18. The remaining code is identical to the one shown in the first screenshot.



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2.Output

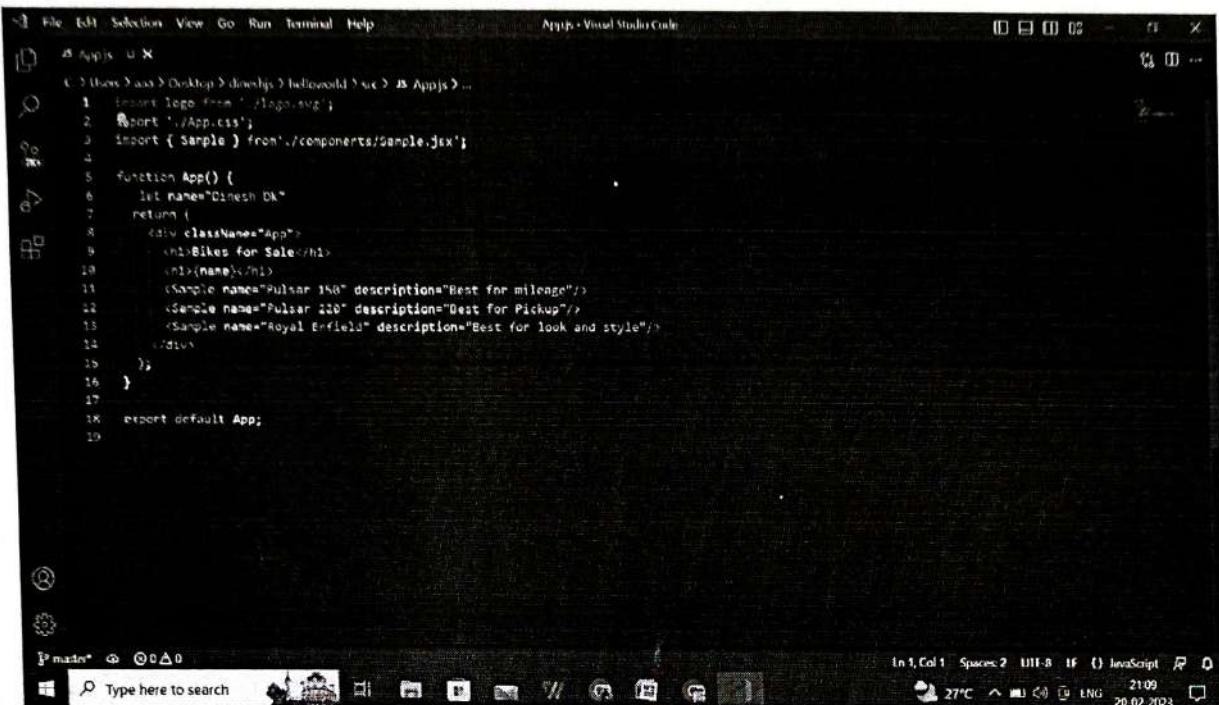


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A handwritten signature in black ink, appearing to read "Dr. D. Senthil Kumaran".

3.Sales App

1.App.js

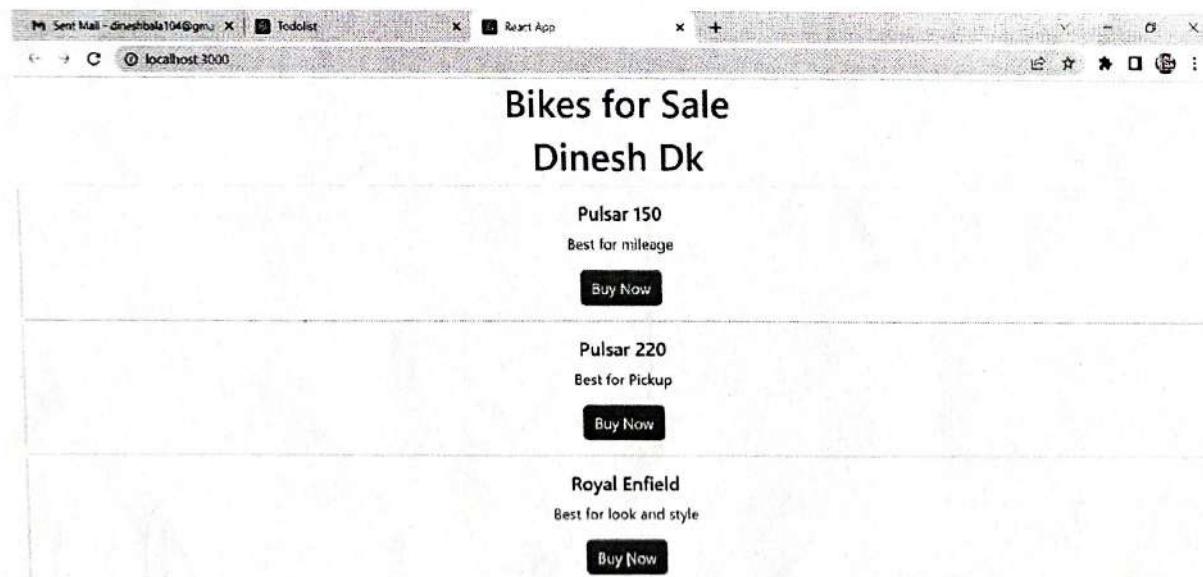


```

  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       <div>{name}</div>
 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

```

2.Output



Bikes for Sale
Dinesh Dk

Pulsar 150
Best for mileage
[Buy Now](#)

Pulsar 220
Best for Pickup
[Buy Now](#)

Royal Enfield
Best for look and style
[Buy Now](#)

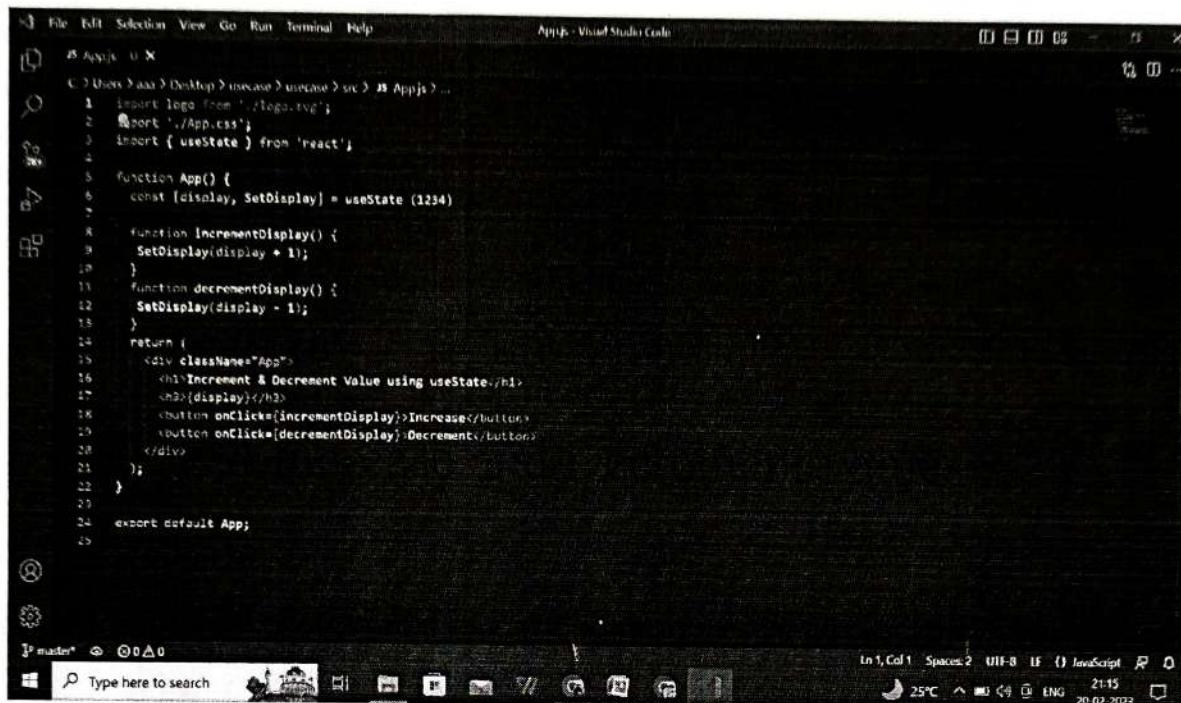


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4.Increase and Decrement values

1.App.js



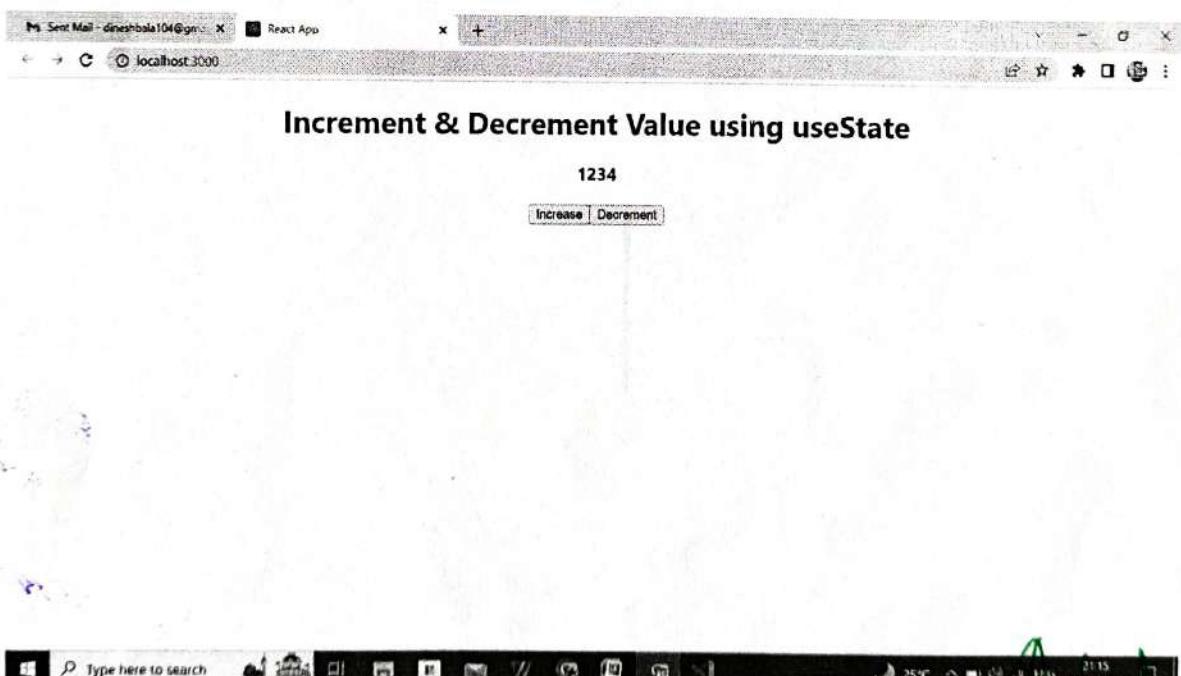
```

File Edit Selection View Go Run Terminal Help
App.js 0 X
C:\Users\xxx\Desktop\increase\increase>src>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 return (
15   <div className="App">
16     <h1>Increment & Decrement Value using useState</h1>
17     <p>{display}</p>
18     <button onClick={incrementDisplay}>Increase</button>
19     <button onClick={decrementDisplay}>Decrement</button>
20   </div>
21 );
22 }
23 export default App;
24

```

IP master* 2023-02-20 21:15 25°C ENG 20-02-2023

2.1.Output



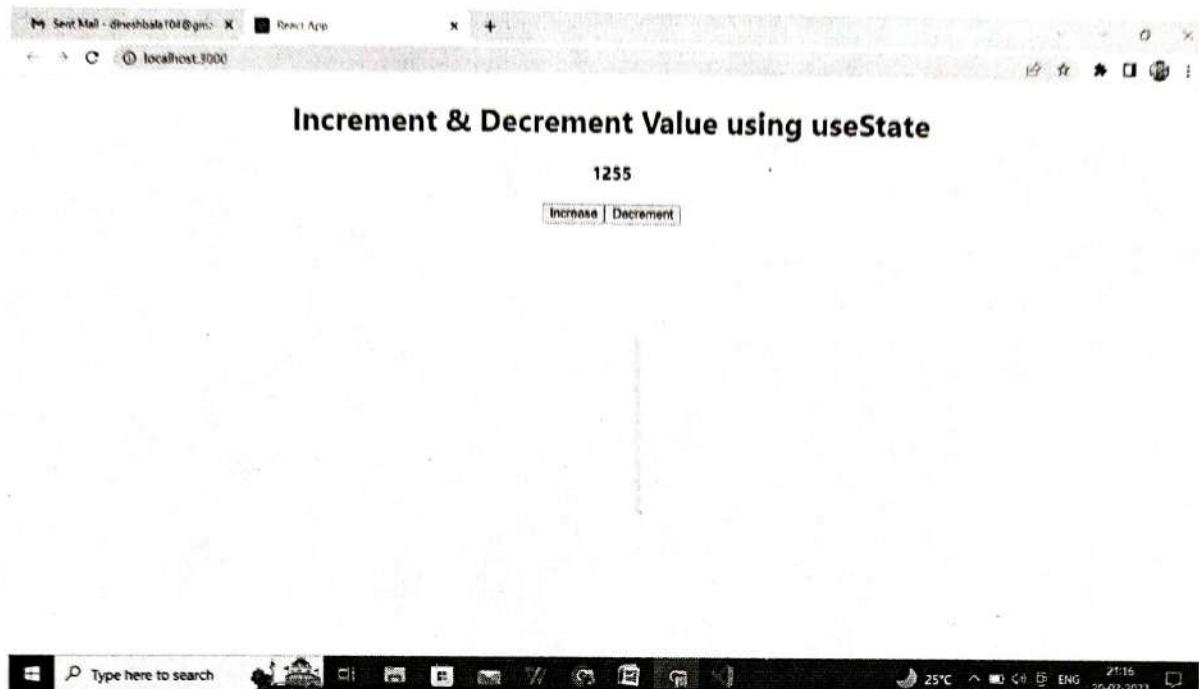
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Palani Road, Dindigul - 624 002.

Name :Dineshkumar B

Reg no : 922119104010

CSE

2.2



5.USESTATEARRAY

1.Array.jsx

A screenshot of Visual Studio Code showing the code for 'Array.jsx'. The code uses the useState hook to manage an array of players. It includes functions to add and view players, and a UI with buttons for these actions.

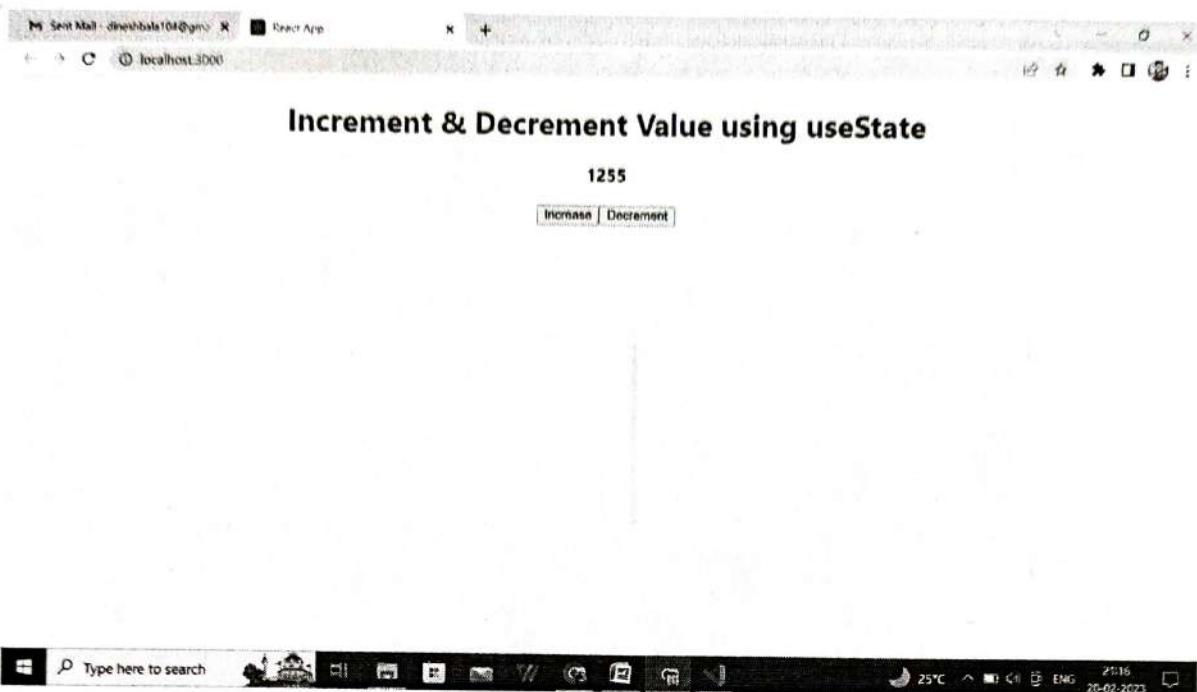
```
File Edit Selection View Go Run Terminal Help
Array.jsx - Visual Studio Code
C:\Users\aaa\Desktop\UseStateArray\usesstatearray>src>components>Array.jsx
1  import { useState } from 'react';
2
3  export function UseStateArray() {
4      const [data, setData] = useState([]);
5      const items = ["Dhoni", "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((item) => {
18                 <div>{item}</div>
19             }) : <div>No Data Available</div>}
20             <button onClick={viewplayers}>View Players</button>
21             <button onClick={addplayers}>Add Player</button>
22         </div>
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
50
51
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62
63
64
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66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
99>
```



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Palani Road, Dindigul - 624 002.

A handwritten signature in black ink.

2.2



5.USESTATEARRAY

1.Array.jsx

```

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

```



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SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY
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	SHIRFIN PAUL J	88



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Department of Computer Science and Engineering

Technology Training Evaluation Report

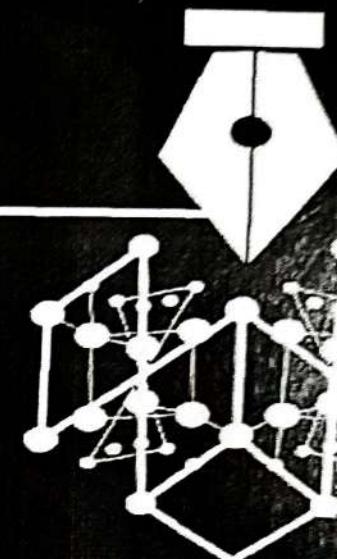
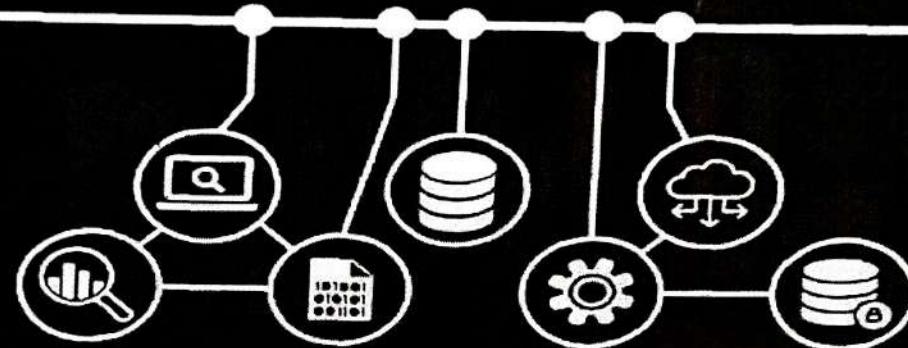
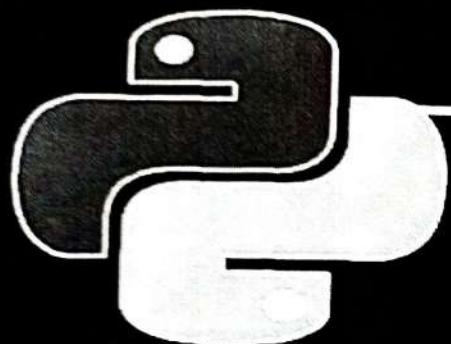
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35	922119104047	VASANTHAN M P	86
36	922119104049	VINO JOEL R	85
37	922119104050	VISHWA BHARATHI J	75
38	922119104051	YASMIN J	87
39	922119104052	YOGESH S	88
40	922119104301	ASHOK KUMAR G	83
41	922119104302	GURUBALAN A	88
42	922119104303	RUBAN M	87
43	922119104304	SUJITH R	78
44	922119104502	ROSE MISHNA M	85


INTERNAL COORDINATOR


HoD/CSE




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BENAZIR S.....
Name

WEB DEVELOPMENT.....
Course Title

60 Hours
Course Duration

ATHEESH KUMAR S.....
Instructor

06/02/2023
Course Starting Date

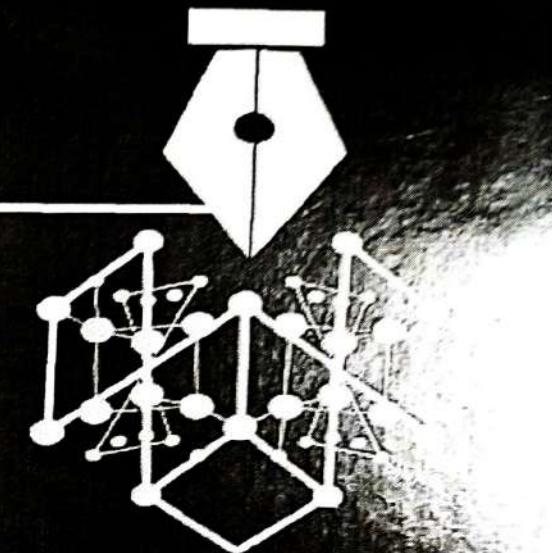
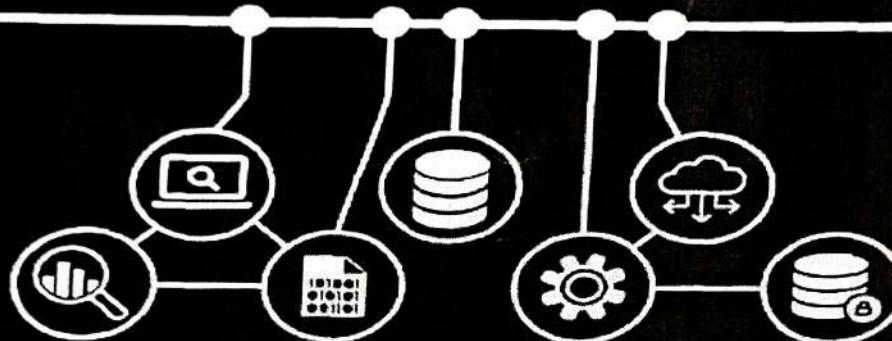
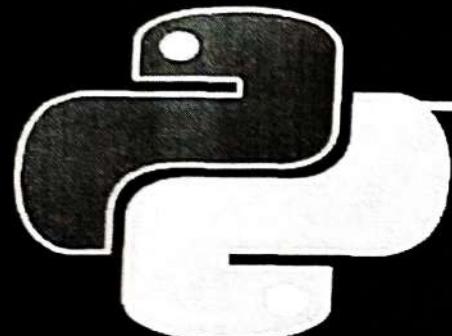
17/02/2023
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CATHERIN FREEDA F.....
Name

WEB DEVELOPMENT.....
Course Title

60 Hours.....
Course Duration

ATHEESH KUMAR S.....
Instructor

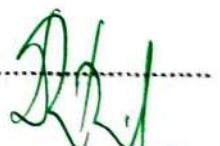
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Course Starting Date

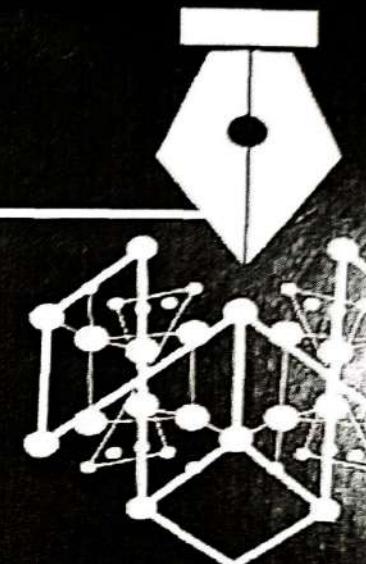
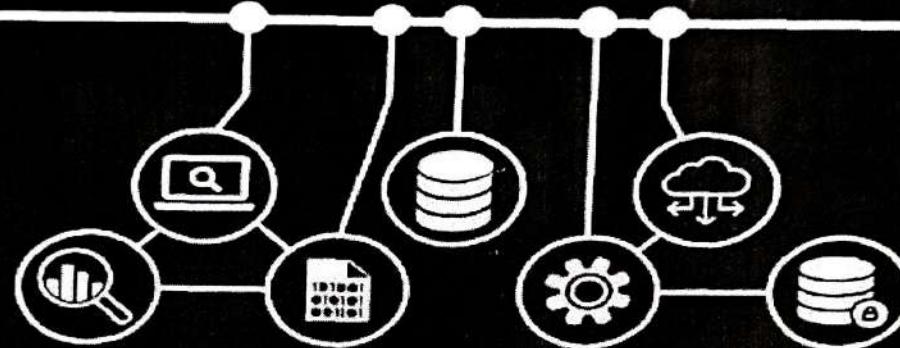
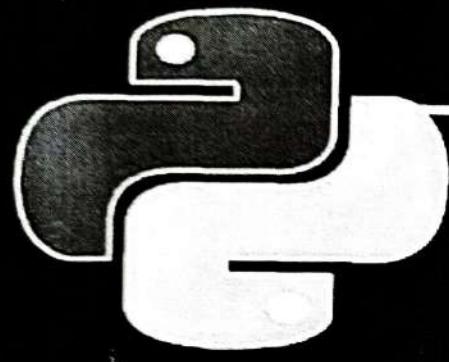
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Name

WEB DEVELOPMENT.....
Course Title

60 Hours.....
Course Duration

ATHEESH KUMAR S.....
Instructor

06/02/2023.....
Course Starting Date

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

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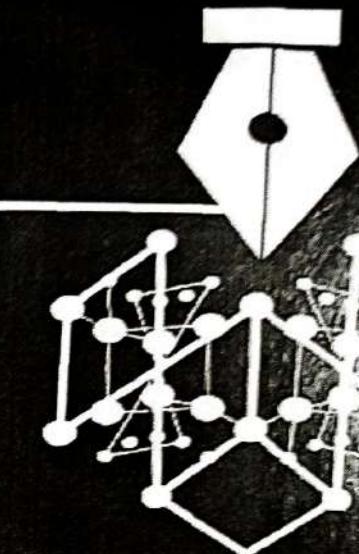
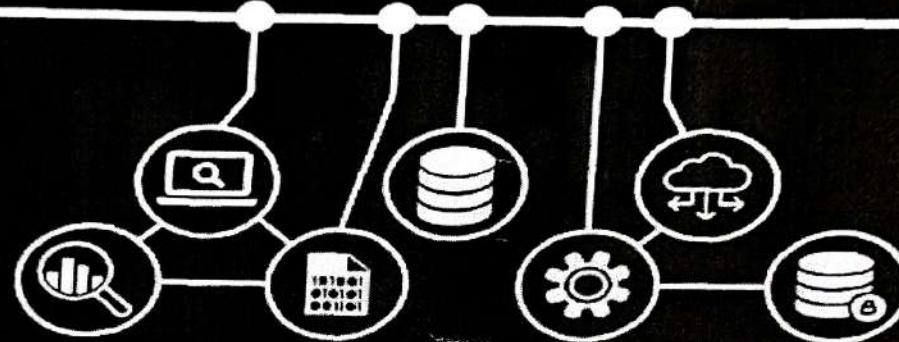
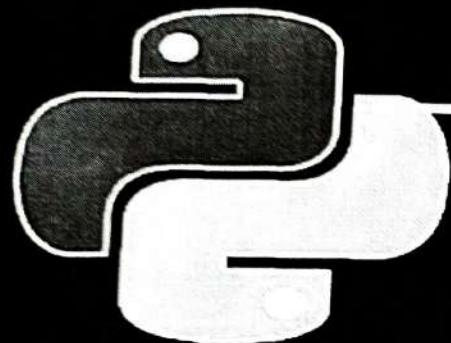
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ASHOK KUMAR G.....
Name

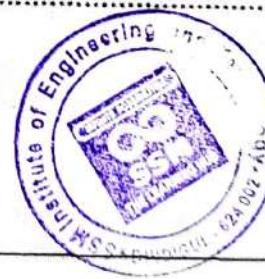
WEB DEVELOPMENT.....
Course Title
60 Hours.....
Course Duration

ATHEESH KUMAR S.....
Instructor
06/02/2023.....
Course Starting Date
17/02/2023.....
Course Ending Date

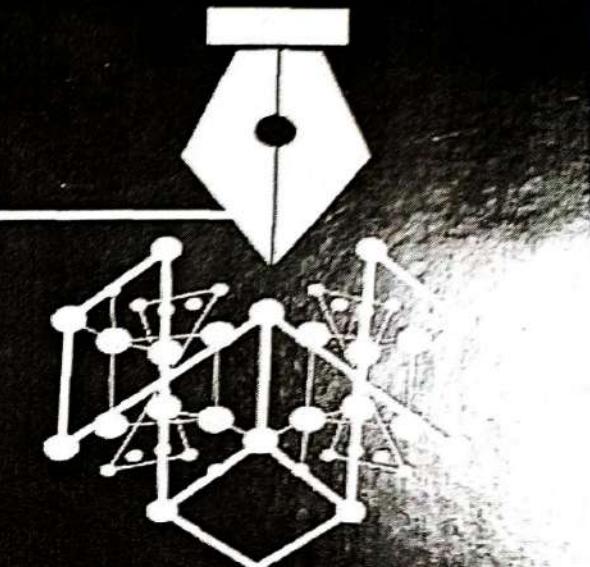
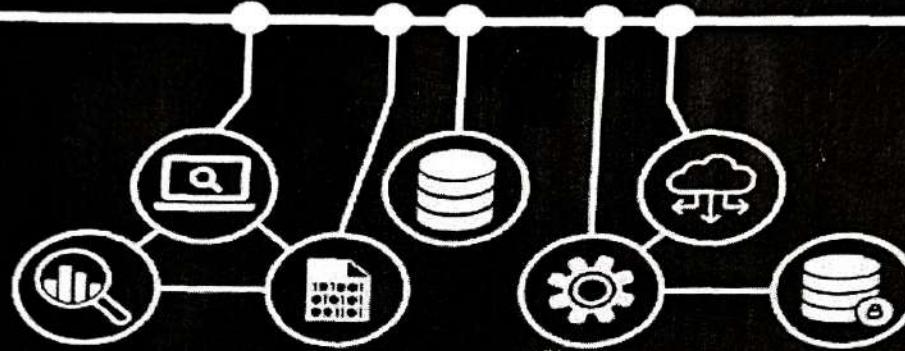
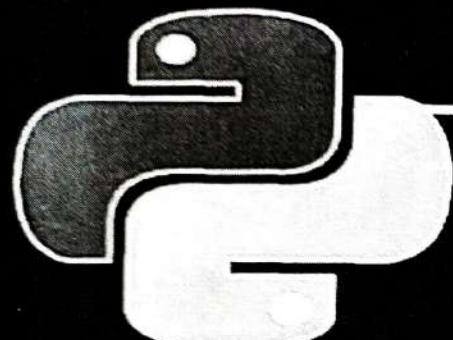
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DEVADHARSHINI S.....

Name

WEB DEVELOPMENT.....

Course Title

60 Hours

Course Duration

ATHEESH KUMAR S.....

Instructor

06/02/2023

Course Starting Date

17/02/2023

Course Ending Date

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R. R. S.

