List of Value Added Course/Certificate Programs offered during the Academic Year 2022-2023

Sr. No.	Value Added Course/Certificate Programs offered	Course code	No. of students enrolled	Number of Students completing the course	Link to the relevant documents
1	NPTEL / Manufacturing Process Casting and Joining	NOC22-ME100	2	1	VIEW
2	NPTEL/Programming in Java	NOC23-CS49	2	2	VIEW
3	COURSE ON WEB DEVLOPMENT BY S2P EDU TECH , NAGPUR -03	VAC/2022-23/01	40	40	VIEW
4	COURSE ON PROGRAMING FUNDAMENTAL CONCEPTS BY S2P EDU TECH ,NAGPUR	VAC/2022-23/02	60	60	VIEW
5	YOUTH EMPLOYMENT PROGRAM BY TATA CONSULTANCY SERVICES -01	VAC/2022-23/03	60	60	VIEW
6	ARTIFICIAL INTELLIGANCE (ADVANCE) BY ARDENT TECHNOLOGIES, KOLKATA - 01	VAC/2022-23/04	50	50	VIEW
7	ANDROID ADVANCE COURSE BY ARDENT TECHNOLOGIES, KOLKATA -01	VAC/2022-23/05	35	35	VIEW

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NOC22-ME100

NPTEL / Manufacturing Process Casting and Joining

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No. of students enrolled

Sno	Name	Enrollment No	Course Code	CourseName
1	Abishai Yabesh Patel	BD1855	NOC22-ME100	Manufacturing Processes - Casting and Joining
2	Devendra Verma	BH2534	NOC22-ME100	Manufacturing Processes - Casting and Joining

No of Students completing the course

Sno	Name	Enrollment No	Course Code	CourseName
1	Devendra Verma	BH2534	NOC22-ME100	Manufacturing Processes - Casting and Joining

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NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DEVENDRA VERMA

for successfully completing the course

Manufacturing Processes - Casting and Joining

with a consolidated score of **53** %

Online Assignments	15.5/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: **239**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Aug 2022
(4 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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Roll No: NPTEL22ME100514580024 To validate the certificate No. of credits recommended: 1 or 2

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NOC23-CS49

NPTEL/Programming in Java

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No. of students enrolled

Sno	Name	Enrollment No	Course Code	Course Name
1	AbhigyatSahu	BJ7177	NOC23-CS49	Programming In Java
2	Chetan sahu	BJ7575	NOC23-CS49	Programming In Java

No of Students completing the course

Sno	Name	Enrollment No	Course Code	Course Name
1	AbhigyatSahu	BJ7177	NOC23-CS49	Programming In Java
2	Chetan sahu	BJ7575	NOC23-CS49	Programming In Java

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NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ABHIGYAT SAHU

for successfully completing the course

Programming In Java

with a consolidated score of **62** %

Online Assignments	20.31/25	Proctored Exam	41.25/75

Total number of candidates certified in this course: **9357**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS49S5327000I1 To validate the certificate No. of credits recommended: 2 cr

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NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SURAJ

for successfully completing the course

Programming In Java

with a consolidated score of **68** %

Online Assignments	19.84/25	Proctored Exam	48.38/75

Total number of candidates certified in this course: **9357**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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Roll No: NPTEL23CS49563270092 To validate the certificate No. of credits recommended: 3 or 4

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VAC/2022-23/01

COURSE ON WEB DEVLOPMENT BY S2P EDU TECH

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Certificate Course on "Web Devlopment By S2P Edu. Tech. , Nagpur -03"

Year	Certificate Course	Schedule	Duration	Organization	Venue	Resource Person
B. Tech. 4th year	COURSE ON WEB DEVLOPMENT -03	12/09/ 2022 to 22/09/ 2022	40 Hours	CSIT,DURG	Lab 10	Mr Gandhar Patwardhan

Course Coordinator

Head of Department
Computers Science & Engineering
CSIT DURG

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CSIT/ VAC/2022-23/01 Date – 01/9/2022

Permission Letter

To,
The Director,
CSIT Durg.

Sub.: Permission to conduct the Course on "Web Development -03"

Respected Sir,

We have planned to conduct Value Added Course on title "Web Development -03" for 4th years students. Details are given below:

Title of Program: Course on "Web Development -03"
Resource Person: Mr Gandhar Patwardhan

Date: 12/9/2022 to 22/09/2022

So kindly give us permission to conduct the program and to utilize the Lab 10.

Thankyou,

Approved/Not-Approved

Course Coordinator

Director
CSIT Durg

Director
Chhatrapati Shivaji Institute
of Technology Durg

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CSIT/ VAC/2022-23/01/A

Date – 06/9/2022

Circular

Ref: CSIT/ VAC/2022-23/01

The schedule for the Certificate Course on "Web Development -03"

for **B. Tech IVth year** students is detailed below. Respective coordinators are requested to verify any discrepancies in the schedule and bring them to the notice of the Course Coordinator. They are also requested to make necessary arrangements to execute the Certificate Course sessions as per the plan.

The respective in-charges are also requested to inform the Certificate Course plan to the respective students and ensure that all students attend without fail.

Year	Certificate Course	Faculty In-Charge	Date	Venue
B. Tech IV th	Course on "Web Development -03	Mr. Kranti Jain	12/9/2022 to 22/09/2022	Lab 10

Time – 10 :00 AM to 2:00 PM

Course Coordinator

HOD
CSIT Durg

Head of Department
Computer Science & Engineering
CSIT DURG

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Certificate Course Contents & Schedule

Academic Year: 2022-23

Name of the Course: Course on "Web Development -03"

Program Code: VAC/2022-23/01

Resource Person: MrGandhar Patwardhan

Program Duration (From – To) : 12/9/2022 to 22/09/2022

Total Hours: 40 Hours

S.No.	Topic to be Covered	Hrs.	Date of Delivery
1	**Module 1**: Introduction to Web Development • What is web development? • Different types of web development (front-end, back-end, full-stack)	4	12/9/2022 to 22/09/2022
2	• The web development workflow • Introduction to HTML, CSS, and JavaScript	4	
3	**Module 2: HTML Fundamentals** • Introduction to HTML tags and attributes • Creating basic HTML structure (head, body, elements) • Formatting text (headings, paragraphs, lists)	4	
4	• Working with images, links, and tables • Introduction to semantic HTML • Using HTML forms	4	
5	**Module 3: CSS Fundamentals** • Introduction to CSS selectors (id, class, element) • Styling text, background, and borders • Layout with CSS (display, float, positioning) • Introduction to responsive design • Using CSS frameworks (Bootstrap)	4	

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	• Introduction to responsive design • Using CSS frameworks (Bootstrap)		
6	**Module 4: Introduction to JavaScript** • JavaScript basics (variables, data types, operators) • Control flow statements (if, else, for, while) • Working with functions	4	
7	• DOM manipulation (adding, removing, modifying elements) • Event handling (click, mouseover, submit)	4	
8	**Module 5: Introduction to Web Development Tools** • Introduction to web browsers developer tools • Inspecting and debugging HTML and CSS	4	
9	• Using browser developer tools to test JavaScript code • Introduction to version control systems (Git) • Finalize and polish the full-stack web application	4	
10	**Module 6: Project Work** • Project presentations and peer reviews • Assessment of projects and assignments • Feedback session for improvement • Certificate distribution	4	
	Total Number of Hours	40	

By the end of this course, students will have a solid understanding of web development using HTML, CSS. They will be able to create dynamic and responsive websites with interactive features and database integration.

Course Coordinator

HOD
CSIT Durg

Head of Department
Computer Science & Engineering
CSIT DURG

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List of Enrolled Students

Program Coordinator: Mr. Kranti Jain

Academic Year : 2022-23

Program Name :Course on "WEB DEVELOPMENT -03"

S.No.	Enrollment No.	Students Name	Department	Year
1	BH3427	AAKANSHA LAL NETAM	Computer Science and Engineering	4th
2	BH3428	ABDUL RAHMAN	Computer Science and Engineering	4th
3	BH3430	ADITI YADAV	Computer Science and Engineering	4th
4	BH3431	AFROZ ANSARI	Computer Science and Engineering	4th
5	BH3432	AKASH AGRAWAL	Computer Science and Engineering	4th
6	BH3433	AKASH SHRIVASTAV	Computer Science and Engineering	4th
7	BH3434	AMAN SAHOO	Computer Science and Engineering	4th
8	BH3435	ANCHAL SINGH BAGHEL	Computer Science and Engineering	4th
9	BH3436	ANKIT KUMAR	Computer Science and Engineering	4th
10	BH3437	ANKIT NAYAK	Computer Science and Engineering	4th
11	BH3442	BHOOMIKA SAHU	Computer Science and Engineering	4th
12	BH3443	CHANDAN DHRUV	Computer Science and Engineering	4th

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13	BH3444	D KRISHANU PRABHU	Computer Science and Engineering	4th
14	BH3445	DAYANIDHI SAHU	Computer Science and Engineering	4th
15	BH3446	DHALENDRA KUMAR MESHRAM	Computer Science and Engineering	4th
16	BH3448	GAGAN SHUKTEL	Computer Science and Engineering	4th
17	BH3449	GITESH KUMAR	Computer Science and Engineering	4th
18	BH3450	GUNJAN VERMA	Computer Science and Engineering	4th
19	BH3451	HARSH KUMAR DESHMUKH	Computer Science and Engineering	4th
20	BH3452	HEMLATA VERMA	Computer Science and Engineering	4th
21	BH3472	VAIBHAV SULE	Computer Science and Engineering	4th
22	BH3473	VEDANK PACHKAWADE	Computer Science and Engineering	4th
23	BH3474	VEENA SAHU	Computer Science and Engineering	4th
24	BH3475	VINI NAYAK	Computer Science and Engineering	4th
25	BH3476	YOGESH CHANDRAKAR	Computer Science and Engineering	4th
26	BH2038	VIDHI SAWAI	Computer Science and Engineering	4th
27	BH4098	R TUSHAR	Computer Science and Engineering	4th

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28	BJ0037	AMRITA PANDEY	Computer Science and Engineering	4th
29	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN	Computer Science and Engineering	4th
30	BD5660	SURAJ VERMA	Computer Science and Engineering	4th
31	BH4094	MAHIMA	Information Technology	4th
32	BH4095	MONIKA VERMA	Information Technology	4th
33	BH4097	PURUSHOTTAM DHIVER	Information Technology	4th
34	BH4099	RAHUL KUMAR KAUSHIK	Information Technology	4th
35	BH4100	ROHIT SONI	Information Technology	4th
36	BH4101	SANKALP SHARMA	Information Technology	4th
37	BH4102	SHRADDHANJALI	Information Technology	4th
38	BH4103	VIGYA RAIPURIYA	Information Technology	4th
39	BH4104	VIVEK KUMAR YADAV	Information Technology	4th
40	BH4751	DEEPIKA SAHU	Information Technology	4th

Course Coordinator

HOD
CSIT Durg

Head of Department
Computer Science & Engineering
CSIT DURG

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Program Name : Course on "WEB DEVELOPMENT -03"

Attendance sheet

S. No.	Enrollment No.	Name of Students	Date									
			12/9/22	13/9/22	15/9/22	16/9/22	17/9/22	18/9/22	19/9/22	20/9/22	21/9/22	22/9/22
1	BH3427	AAKANSHA LAL NETAM	P	P	P	P	P	P	P	P	P	P
2	BH3428	ABDUL RAHMAN	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul
3	BH3430	ADITI YADAV	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
4	BH3431	AFROZ ANSARI	A	A	A	A	A	A	A	A	A	A
5	BH3432	AKASH AGRAWAL	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
6	BH3433	AKASH SHRIVASTAV	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
7	BH3434	AMAN SAHOO	Am	Am	Am	Am	Am	Am	Am	Am	Am	Am
8	BH3435	ANCHAL SINGH BAGHEL	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal
9	BH3436	ANKIT KUMAR	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK
10	BH3437	ANKIT NAYAK	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
11	BH3442	BHOOMIKA SAHU	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika
12	BH3443	CHANDAN DHRUV	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan
13	BH3444	D KRISHANU PRABHU	Krishanu	Krishanu	Krishanu	Krishanu	Krishanu	Krishanu	Krishanu	Krishanu	Krishanu	Krishanu
14	BH3445	DAYANIDHI SAHU	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi
15	BH3446	DHALENDRA KUMAR MESHRAM	D	D	D	D	D	D	D	D	D	D
16	BH3448	GAGAN SHUKTEL	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
17	BH3449	GITESH KUMAR	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh
18	BH3450	GUNJAN VERMA	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan
19	BH3451	HARSH KUMAR DESHMUKH	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
20	BH3452	HEMLATA VERMA	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata
21	BH3472	VAIBHAV SULE	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
22	BH3473	VEDANK PACHKAWADE	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank
23	BH3474	VEENA SAHU	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena
24	BH3475	VINI NAYAK	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini
25	BH3476	YOGESH CHANDRAKAR	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
26	BH2038	VIDHI SAWAI	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi

Attendance sheet

S. No.	Enrollment No.	Name of Students	Date									
			12/9/22	13/9/22	15/9/22	16/9/22	17/9/22	18/9/22	19/9/22	20/9/22	21/9/22	22/9/22
27	BH4098	R TUSHAR	Tushar	Tushar	Tushar	Tushar	Tushar	Tushar	Tushar	Tushar	Tushar	Tushar
28	BJ0037	AMRITA PANDEY	P	P	P	P	P	P	P	P	P	P
29	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN	Kosta	Kosta	Kosta	Kosta	Kosta	Kosta	Kosta	Kosta	Kosta	Kosta
30	BD5660	SURAJ VERMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	BH4094	MAHIMA	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima
32	BH4095	MONIKA VERMA	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika
33	BH4097	PURUSHOTTAM DHIVER	P	P	P	P	P	P	P	P	P	P
34	BH4099	RAHUL KUMAR KAUSHIK	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
35	BH4100	ROHIT SONI	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
36	BH4101	SANKALP SHARMA	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
37	BH4102	SHRADDHANJALI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	BH4103	VIGYA RAIPURIYA	Vigya	Vigya	Vigya	Vigya	Vigya	Vigya	Vigya	Vigya	Vigya	Vigya
39	BH4104	VIVEK KUMAR YADAV	Vi	Vi	Vi	Vi	Vi	Vi	Vi	Vi	Vi	Vi
40	BH4751	DEEPIKA SAHU	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika

Course Coordinator

HOD
CSIT Durg
Head of Department
Computers Science & Engineering
CSIT DURG

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Report
Academic Year 2022-23

1.	Title of the Program	Course on "WEB DEVELOPMENT -03"
2.	Year /Department	4th/ Computer Science and Engineering , Information Technology
3.	Faculty In-Charge	Mr. Kranti Jain
4.	Number of Hours	40 Hours
5.	Duration	10 days
6.	Venue	Lab 10
7.	Course Objectives	1. To provide a comprehensive understanding of web development technologies including HTML, CSS, and PHP. 2. To teach students how to create responsive and visually appealing websites using HTML and CSS. 3. To introduce students to the basic concepts of PHP programming and how it can be used in web development. 4. To enable students to integrate HTML, CSS, and PHP to build dynamic and interactive websites.
8.	Course Outcome	The students will be able to 1. Understand the basics of web development including HTML, CSS, and PHP. 2. Learn how to create interactive and dynamic websites using HTML, CSS, and PHP. 3. Gain hands-on experience in building and designing web pages. 4. Understand the principles of responsive web design and how to create mobile-friendly websites. 5. Learn how to work with databases using PHP and MySQL.

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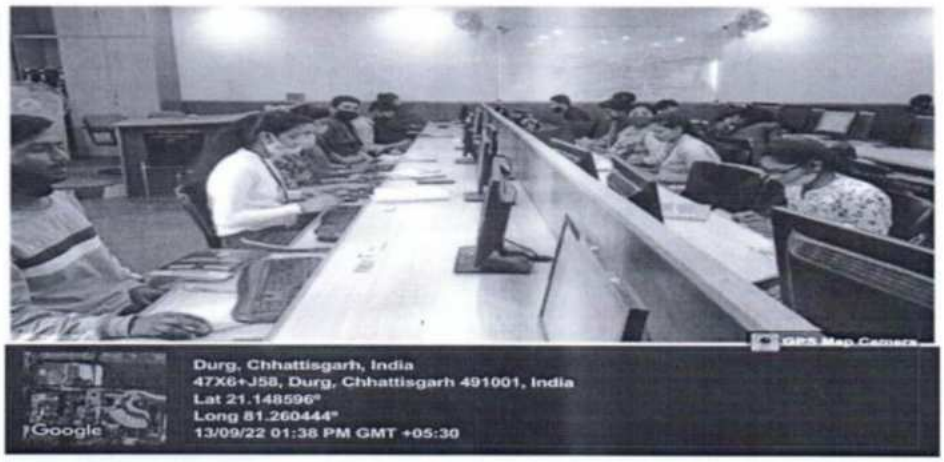
Photograph



Mr.MrGandharPatwardhan addressing the students of 4th year on Web Development at Lab 10 CSIT Durg on Dated 13/9/2022.

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CHHATRAPATI SHIVAJI INSTITUTE OF TECHNOLOGY, DURG

Program Name: Course on "WEB DEVELOPMENT "

Test series –I

1. What does CSS stand for in web development?
A) Creative Style Sheets
B) Cascading Style Sheets
C) Computer Style Sheets
D) Control Style Sheets

2. Which programming language is commonly used for client-side web development?
A) Java B) Python C) JavaScript D) Ruby

3. What is the purpose of HTML in web development?
A) Controlling the layout and design of a webpage
B) Adding interactivity and functionality to a webpage
C) Storing and accessing data on the server
D) Structuring the content of a webpage

4. Which of the following is NOT a popular web development framework?
A) Angular B) Django C) Bootstrap D) Wordpress

5. What is the role of a web server in web development?
A) Storing and managing website files
B) Transmitting data between client and server
C) Designing the layout and appearance of a webpage
D) Writing code for website functionality

6. HTML is the standard ____language for creating Web pages.
A. scripting
B. programming
C. styling
D. markup

7. HTML stands for_____.
A. Hyperactive Text Markup Language
B. Hyper Text Markup Language
C. Hyper Text Machine Language
D. None of these

8. Which element/tag defines a paragraph?

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A. <p>
B. <pre>
C. <panel>
D. None of the above

9. Which tag contains the meta information about the HTML page?
A. <html>
B. <title>
C. <head>
D. <body>

10. Who invented HTML?
A. Dave Raggett
B. Tim Berners-Lee
C. Denis Ritchie
D. All of the above

11. In a CSS file, there is a CSS rule for paragraphs tags – what does p can be called?
A. Selector
B. Attribute
C. Property
D. Tag

12. CSS comments are placed within the _____.
A. //
B. /* and */
C. <* and *>
D. <! And !>

13. Which property is used to define the text color?
A. text-color
B. color
C. font-color
D. Both A. and B.

14. To make a text italic, which CSS property is used?
A. font
B. font-family
C. font-style
D. All of the above

15. Which CSS property is used to style the hyperlinks on hover (Mouse over)?
A. a:mouseover
B. a:move
C. a:mover
D. a:hover

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Program Name: Course on "WEB DEVELOPMENT "

Evaluation Sheet:

S. No.	Enrollment No.	Name of Students	Marks obtained
1	BH3427	AAKANSHA LAL NETAM	12
2	BH3428	ABDUL RAHMAN	11
3	BH3430	ADITI YADAV	10
4	BH3431	AFROZ ANSARI	9
5	BH3432	AKASH AGRAWAL	8
6	BH3433	AKASH SHRIVASTAV	13
7	BH3434	AMAN SAHOO	14
8	BH3435	ANCHAL SINGH BAGHEL	15
9	BH3436	ANKIT KUMAR	8
10	BH3437	ANKIT NAYAK	6
11	BH3442	BHOOMIKA SAHU	10
12	BH3443	CHANDAN DHRUV	7
13	BH3444	D KRISHANU PRABHU	12
14	BH3445	DAYANIDHI SAHU	12
15	BH3446	DHALENDRA KUMAR MESHRAM	14
16	BH3448	GAGAN SHUKTEL	9
17	BH3449	GITESH KUMAR	8
18	BH3450	GUNJAN VERMA	12
19	BH3451	HARSH KUMAR DESHMUKH	11

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20	BH3452	HEMLATA VERMA	10
21	BH3472	VAIBHAV SULE	13
22	BH3473	VEDANK PACHKAWADE	14
23	BH3474	VEENA SAHU	10
24	BH3475	VINI NAYAK	9
25	BH3476	YOGESH CHANDRAKAR	10
26	BH2038	VIDHI SAWAI	12
27	BH4098	R TUSHAR	7
28	BJ0037	AMRITA PANDEY	8
29	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN	9
30	BD5660	SURAJ VERMA	15
31	BH4094	MAHIMA	11
32	BH4095	MONIKA VERMA	13
33	BH4097	PURUSHOTTAM DHIVER	7
34	BH4099	RAHUL KUMAR KAUSHIK	9
35	BH4100	ROHIT SONI	8
36	BH4101	SANKALP SHARMA	6
37	BH4102	SHRADDHANJALI	12
38	BH4103	VIGYA RAIPURIYA	10
39	BH4104	VIVEK KUMAR YADAV	14
40	BH4751	DEEPIKA SAHU	10

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Certificate of Participation

This is to Certify that Mr. / Ms ***ADITI YADAV*** of ***Computer Science and Engineering Department*** of ***4th*** Year has participated in the Course on Web Development from 12/09/2022 to 22/09/2022 Organised by Chhatrapati Shivaji Institute of Technology, Durg.

Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma

SANTOSH KUMAR SHARMA

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Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma

SANTOSH KUMAR SHARMA

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Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma

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Course on
Web Development

12 – 22 September
2022

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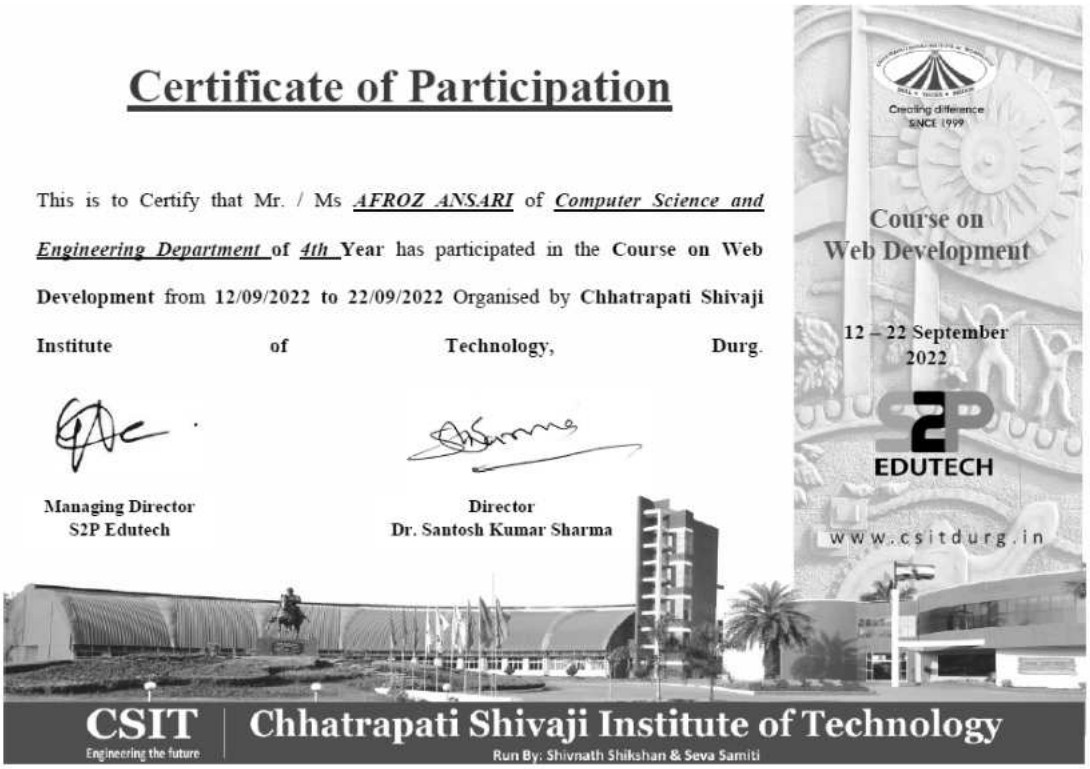
This is to Certify that Mr. / Ms ***AFROZ ANSARI*** of ***Computer Science and Engineering Department*** of ***4th*** Year has participated in the **Course on Web Development** from **12/09/2022 to 22/09/2022** Organised by **Chhatrapati Shivaji Institute of Technology, Durg.**

Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma



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Program Name: Course on "WEB DEVELOPMENT "

Test series –I

Name of student: Aditi Yadav **Branch:** CSE **Enrollment No.** BH3430

1. What does CSS stand for in web development?
A) Creative Style Sheets
B) Cascading Style Sheets
C) Computer Style Sheets
D) Control Style Sheets

2. Which programming language is commonly used for client-side web development?
A) Java
B) Python
C) JavaScript
D) Ruby

3. What is the purpose of HTML in web development?
A) Controlling the layout and design of a webpage
B) Adding interactivity and functionality to a webpage
C) Storing and accessing data on the server
D) Structuring the content of a webpage

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A) Angular
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C) Bootstrap
D) Wordpress

5. What is the role of a web server in web development?
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B) Transmitting data between client and server
C) Designing the layout and appearance of a webpage
D) Writing code for website functionality

6. HTML is the standard ____language for creating Web pages.
A. scripting
B. programming
C. styling
D. markup

7. HTML stands for_____.
A. Hyperactive Text Markup Language
B. Hyper Text Markup Language
C. Hyper Text Machine Language
D. None of these

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8. Which element/tag defines a paragraph?
A. <p>
B. <pre>
C. <panel>
D. None of the above

9. Which tag contains the meta information about the HTML page?
A. <html>
B. <title>
C. <head>
D. <body>

10. Who invented HTML?
A. Dave Raggett
B. Tim Berners-Lee
C. Denis Ritchie
D. All of the above

11. In a CSS file, there is a CSS rule for paragraphs tags – what does p can be called?
A. Selector
B. Attribute
C. Property
D. Tag

12. CSS comments are placed within the _____.
A. //
B. /* and */
C. <* and *>
D. <! And !>

13. Which property is used to define the text color?
A. text-color
B. color
C. font-color
D. Both A. and B.

14. To make a text italic, which CSS property is used?
A. font
B. font-family
C. font-style
D. All of the above

15. Which CSS property is used to style the hyperlinks on hover (Mouse over)?
A. a:mouseover
B. a:move
C. a:mover
D. a:hover

Obtained Marks: 10/15 **Signature of Faculty** KG

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Program Name: Course on "WEB DEVELOPMENT"

Test series –I

Name of student:..Vedank..... **Branch:**..CSE.... **Enrollment No...**BH3473

1. What does CSS stand for in web development?
A) Creative Style Sheets
B) Cascading Style Sheets
C) Computer Style Sheets
D) Control Style Sheets

2. Which programming language is commonly used for client-side web development?
A) Java
B) Python
C) JavaScript
D) Ruby

3. What is the purpose of HTML in web development?
A) Controlling the layout and design of a webpage
B) Adding interactivity and functionality to a webpage
C) Storing and accessing data on the server
D) Structuring the content of a webpage

4. Which of the following is NOT a popular web development framework?
A) Angular
B) Django
C) Bootstrap
D) Wordpress

5. What is the role of a web server in web development?
A) Storing and managing website files
B) Transmitting data between client and server
C) Designing the layout and appearance of a webpage
D) Writing code for website functionality

6. HTML is the standard ____language for creating Web pages.
A. scripting
B. programming
C. styling
D. markup

7. HTML stands for_____.
A. Hyperactive Text Markup Language
B. Hyper Text Markup Language
C. Hyper Text Machine Language
D. None of these

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A. a:mouseover
B. a:move
C. a:mover
D. a:hover

Obtained Marks: 14/15 ..... Signature of Faculty: Ky .....

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VAC/2022-23/02

COURSE ON

PROGRAMING FUNDAMENTAL CONCEPTS

BY

S2P EDU TECH ,NAGPUR

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Certificate Course on "PROGRAMING FUNDAMENTAL CONCEPTS"

Year	Certificate Course	Schedule	Duration	Organization	Venue	Resource Person
B. Tech. 3rd ,and 4th year	Course On Programming Fundamental Concepts	13/10/ 2022 to 22/10/ 2022	40 Hours	CSIT,DURG	Lab 10	Mr Gandhar Patwardhan

Course Coordinator

HOD
Head of Department
Computers Science & Engineering
CSIT, Durg

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CSIT/ VAC/2022-23/02

Date – 03/10/2022

Permission Letter

To,
The Director,
CSIT Durg.

Sub.: Permission to conduct the Course on "Programming Fundamental Concepts"

Respected Sir,

We have planned to conduct Value Added Course on title "Programming Fundamental Concepts" for 3rd and 4th years students. Details are given below:

Title of Program: Course on "Programming Fundamental Concepts"
Resource Person: Mr Gandhar Patwardhan

Date: 13/10/2022 to 22/10/2022

So kindly give us permission to conduct the program and to utilize the Lab 10.

Thankyou,

Approved/Not-Approved

Course Coordinator

Director
CSIT Durg

Director
Chhatrapati Shivaji Institute
of Technology Durg

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CSIT/ VAC/2022-23/02/A

Date – 07/10/2022

Circular

Ref: CSIT/ VAC/2022-23/02

The schedule for the Certificate Course on "Programming Fundamental Concepts" for **B. Tech IIIrd and IVth year** students is detailed below. Respective coordinators are requested to verify any discrepancies in the schedule and bring them to the notice of the Course Coordinator. They are also requested to make necessary arrangements to execute the Certificate Course sessions as per the plan. The respective in-charges are also requested to inform the Certificate Course plan to the respective students and ensure that all students attend without fail.

Year	Certificate Course	Faculty In-Charge	Date	Venue
B. Tech IIIrd and IV [th]	Course on "Programming Fundamental Concepts"	Mr. Kranti Jain	13/10/2022 to 22/10/2022	Lab 10

Time – 10:00 AM to 3:00 PM

Course Coordinator

HOD
CSIT Durg

Head of Department
Computers Science & Engineering
CSIT DURG

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Brochure

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Certificate Course Contents & Schedule

Academic Year: 2022-23

Name of the Course: Course on "Programming Fundamental Concepts"

Program Code: VAC/2022-23/02

Resource Person: MrGandhar Patwardhan

Program Duration (From – To) : 13/10/2022 to 22/10/2022

Total Hours: 40 Hours

S.No.	Topic to be Covered	Hrs.	Date of Delivery
1	**Module 1:** Introduction to Programming • Overview of programming and its importance • Introduction to programming languages and paradigms • Setting up development environments (IDEs, text editors) • Basic concepts like variables, data types, and operators	4	13/10/2022 to 22/10/2022
2	**Module 2:** Control Structures and Functions • Control structures: if-else, switch-case, loops (for, while) • Functions: definition, parameters, return values • Practice exercises on control structures and functions	4	
3	**Module 3:** Arrays, Strings, and Pointers • Arrays: single-dimensional, multi-dimensional, array operations • Strings: string manipulation, string functions • Pointers: introduction, pointer arithmetic, dynamic memory allocation	4	
4	**Module 4:** Object-Oriented Programming (OOP) Basics • Introduction to OOP concepts (classes, objects, inheritance,	4	

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	polymorphism) • Encapsulation, abstraction, and data hiding • Implementing classes and objects in a programming language		
5	**Module 5:** File Handling and Exception Handling • File input/output operations (reading from and writing to files) • Exception handling: try-catch blocks, handling common exceptions • Practice exercises on file and exception handling	4	
6	**Module 6:** Data Structures Introduction • Overview of fundamental data structures (arrays, linked lists, stacks, queues) • Basic algorithms for data structures (searching, sorting) • Coding exercises on implementing and manipulating data structures	4	
7	**Module 7:** Algorithms and Complexity Analysis • Common algorithms: searching (linear, binary), sorting (bubble, selection, insertion), recursion • Analyzing algorithm efficiency: time and space complexity • Problem-solving strategies and coding challenges	4	
8	**Module 8:** Software Development Lifecycle (SDLC) Basics • Introduction to SDLC phases (requirements, design, implementation, testing, deployment) • Version control systems (e.g., Git) and collaboration tools • Best practices in software development and coding standards	4	
9	**Module 9:** Project Work and Assessment • Apply programming concepts to a final project • Code review and debugging session • Assessment of understanding through exam	4	

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	• Certificate distribution to successful participants		
10	**Module 10:** Feedback • Project presentations and peer reviews • Assessment of projects and assignments • Feedback session for improvement • Certificate distribution	4	
	Total Number of Hours	40	

By the end of this course, students will have comprehensive understanding of programming fundamentals, including control structures, functions, OOP concepts, data structures, algorithms, and software development practices.

Course Coordinator

HOD
CSIT Durg

Head of Department
Computer Science & Engineering
CSIT DURG

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List of Enrolled Students

Program Coordinator: Mr. Kranti Jain

Academic Year : 2022-23

Program Name : Course on "Programming Fundamental Concepts"

S.No.	Enrollment No.	Students Name	Department	Year
1	BJ7573	TAMRADHWAJ SHERPA	Information Technology	3rd
2	BJ7574	DURGESHNANDNI	Information Technology	3rd
3	BJ7575	CHETAN SAHU	Information Technology	3rd
4	BJ7577	SURYAKANT	Information Technology	3rd
5	BJ7579	KAMLESH KUMAR	Information Technology	3rd
6	BJ7580	MUKESH VERMA	Information Technology	3rd
7	BJ7581	SIDHANT CHANDRAKAR	Information Technology	3rd
8	BJ7582	NEELAM	Information Technology	3rd
9	BJ7583	YAGYA PRAKASH	Information Technology	3rd
10	BD1951	YASHWANT KUMAR BELGAHE	Information Technology	4th
11	BH4084	AVINASH SAHU	Information Technology	4th

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12	BH4085	AYESHA PARVEEN MIRZA	Information Technology	4th
13	BH4086	DANI RAM SAHU	Information Technology	4th
14	BH4087	DURGESH SAHU	Information Technology	4th
15	BH4090	HOSHANG KUMAR SAHU	Information Technology	4th
16	BH4091	KARAN KUMAR SAHU	Information Technology	4th
17	BH4092	KHILESH SAHU	Information Technology	4th
18	BH4093	MADHU	Information Technology	4th
19	BH4094	MAHIMA	Information Technology	4th
20	BH4097	PURUSHOTTAM DHIVER	Information Technology	4th
21	BJ7165	JEET DEWANGAN	Computer Science and Engineering	3rd
22	BJ7166	CHANDRA KUMAR SAHU	Computer Science and Engineering	3rd
23	BJ7167	ARYAN PAWAR	Computer Science and Engineering	3rd
24	BJ7168	LAKSHIT CHANDRAKAR	Computer Science and Engineering	3rd
25	BJ7169	PEDDINTI KUSHAL KUMAR	Computer Science and Engineering	3rd
26	BJ7171	MD RUMMAN RAZA KHAN	Computer Science and Engineering	3rd

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27	BJ7172	HARSHVARDHAN PIPARIYA	Computer Science and Engineering	3rd
28	BJ7173	MRINAL MADARIA	Computer Science and Engineering	3rd
29	BJ7174	HARSH KUMAR PUROHIT	Computer Science and Engineering	3rd
30	BJ7177	ABHIGYAT SAHU	Computer Science and Engineering	3rd
31	BJ7179	JITENDRA NAHAK	Computer Science and Engineering	3rd
32	BJ7180	PREKSHA DESHMUKH	Computer Science and Engineering	3rd
33	BJ7181	MOHAMMAD SHEESH	Computer Science and Engineering	3rd
34	BJ7182	ADITYA DEWANGAN	Computer Science and Engineering	3rd
35	BJ7183	DEWANSH YADAV	Computer Science and Engineering	3rd
36	BJ7184	RAKSHIT YADAV	Computer Science and Engineering	3rd
37	BJ7185	MAYANK SAHU	Computer Science and Engineering	3rd
38	BJ7186	ANANYA YOGI	Computer Science and Engineering	3rd
39	BJ7188	NIDHI SHARMA	Computer Science and Engineering	3rd
40	BJ7192	HIMESH CHOUHAN	Computer Science and Engineering	3rd
41	BH3461	PRAVEEN VERMA	Computer Science and Engineering	4th

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42	BH3462	PREYASH KUMAR	Computer Science and Engineering	4th
43	BH3463	PRITI KUNDU	Computer Science and Engineering	4th
44	BH3464	RAKSHA SHARMA	Computer Science and Engineering	4th
45	BH3465	RISHABH SHRIVASTAVA	Computer Science and Engineering	4th
46	BH3466	ROHIT SHRIVASTAVA	Computer Science and Engineering	4th
47	BH3467	SANJANA GOVINDANI	Computer Science and Engineering	4th
48	BH3468	SHRIYA THAKUR	Computer Science and Engineering	4th
49	BH3469	SHUBHI SINGH	Computer Science and Engineering	4th
50	BH3471	TUSHAR YADAV	Computer Science and Engineering	4th
51	BH3472	VAIBHAV SULE	Computer Science and Engineering	4th
52	BH3473	VEDANK PACHKAWADE	Computer Science and Engineering	4th
53	BH3474	VEENA SAHU	Computer Science and Engineering	4th
54	BH3475	VINI NAYAK	Computer Science and Engineering	4th
55	BH3476	YOGESH CHANDRAKAR	Computer Science and Engineering	4th
56	BH2038	VIDHI SAWAI	Computer Science and Engineering	4th

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58	BJ0037	AMRITA PANDEY	Computer Science and Engineering	4th
59	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN	Computer Science and Engineering	4th
60	BD5660	SURAJ VERMA	Computer Science and Engineering	4th

Course Coordinator

HOD
CSIT Durg

SANTOSH KUMAR SHARMA

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Program Name : Course on "Programming Fundamental Concepts"

Attendance sheet

S. No.	Enrollment No.	Name of Students	Date									
			13/10/22	14/10/22	15/10/22	16/10/22	17/10/22	18/10/22	19/10/22	20/10/22	21/10/22	22/10/22
1	BJ7573	TAMRADHWAJ SHERPA	Sherpa	Sherpa	Sherpa	Sherpa	Sherpa	Sherpa	Sherpa	Sherpa	Sherpa	Sherpa
2	BJ7574	DURGESHNANDNI	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh
3	BJ7575	CHETAN SAHU	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
4	BJ7577	SURYAKANT	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya
5	BJ7579	KAMLESH KUMAR	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh
6	BJ7580	MUKESH VERMA	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh
7	BJ7581	SIDHANT CHANDRAKAR	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
8	BJ7582	NEELAM	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam
9	BJ7583	YAGYA PRAKASH	Yagkash	Yagkash	Yagkash	Yagkash	Yagkash	Yagkash	Yagkash	Yagkash	Yagkash	Yagkash
10	BD1951	YASHWANT KUMAR BELGAHE	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash
11	BH4084	AVINASH SAHU	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi
12	BH4085	AYESHA PARVEEN MIRZA	Aysha	Aysha	Aysha	Aysha	Aysha	Aysha	Aysha	Aysha	Aysha	Aysha
13	BH4086	DANI RAM SAHU	Dani	Dani	Dani	Dani	Dani	Dani	Dani	Dani	Dani	Dani
14	BH4087	DURGESH SAHU	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh
15	BH4090	HOSHANG KUMAR SAHU	Hoshang	Hoshang	Hoshang	Hoshang	Hoshang	Hoshang	Hoshang	Hoshang	Hoshang	Hoshang
16	BH4091	KARAN KUMAR SAHU	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan
17	BH4092	KHILESH SAHU	Khilesh	Khilesh	Khilesh	Khilesh	Khilesh	Khilesh	Khilesh	Khilesh	Khilesh	Khilesh
18	BH4093	MADHU	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu
19	BH4094	MAHIMA	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima
20	BH4097	PURUSHOTTAM DHIVER	Purush	Purush	Purush	Purush	Purush	Purush	Purush	Purush	Purush	Purush
21	BJ7165	JEET DEWANGAN	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet
22	BJ7166	CHANDRA KUMAR SAHU	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra

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23	BJ7167	ARYAN PAWAR	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan
24	BJ7168	LAKSHIT CHANDRAKAR	Lakshit	Lakshit	Lakshit	Lakshit	Lakshit	Lakshit	Lakshit	Lakshit	Lakshit	Lakshit
25	BJ7169	PEDDINTI KUSHAL KUMAR	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal
26	BJ7171	MD RUMMAN RAZA KHAN	Rumman	Rumman	Rumman	Rumman	Rumman	Rumman	Rumman	Rumman	Rumman	Rumman
27	BJ7172	HARSHVARDHAN PIPARIYA	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
28	BJ7173	MRINAL MADARIA	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal
29	BJ7174	HARSH KUMAR PUROHIT	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
30	BJ7177	ABHIGYAT SAHU	Abhigyat	Abhigyat	Abhigyat	Abhigyat	Abhigyat	Abhigyat	Abhigyat	Abhigyat	Abhigyat	Abhigyat
31	BJ7179	JITENDRA NAHAK	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra
32	BJ7180	PREKSHA DESHMUKH	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	
33	BJ7181	MOHAMMAD SHEESH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	BJ7182	ADITYA DEWANGAN	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
35	BJ7183	DEWANSH YADAV	Devansh	Devansh	Devansh	Devansh	Devansh	Devansh	Devansh	Devansh	Devansh	Devansh
36	BJ7184	RAKSHIT YADAV	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit
37	BJ7185	MAYANK SAHU	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank
38	BJ7186	ANANYA YOGI	Ananya	Ananya	Ananya	Ananya	Ananya	Ananya	Ananya	Ananya	Ananya	Ananya
39	BJ7188	NIDHI SHARMA	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
40	BJ7192	HIMESH CHOUHAN	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh
41	BH3461	PRAVEEN VERMA	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
42	BH3462	PREYASH KUMAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
43	BH3463	PRITI KUNDU	Priti	Priti	Priti	Priti	Priti	Priti	Priti	Priti	Priti	Priti
44	BH3464	RAKSHA SHARMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	BH3465	RISHABH SHRIVASTAVA	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh
46	BH3466	ROHIT SHRIVASTAVA	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit

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47	BH3467	SANJANA GOVINDANI										
48	BH3468	SHRIYA THAKUR										
49	BH3469	SHUBHI SINGH										
50	BH3471	TUSHAR YADAV										
51	BH3472	VAIBHAV SULE										
52	BH3473	VEDANK PACHKAWADE	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank
53	BH3474	VEENA SAHU										
54	BH3475	VINI NAYAK	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini
55	BH3476	YOGESH CHANDRAKAR										
56	BH2038	VIDHI SAWAI										
57	BH4098	R TUSHAR										
58	BJ0937	AMRITA PANDEY										
59	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN										
60	BD5660	SURAJ VERMA	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj

Course Coordinator

HOD
CSIT Durg

Head of Department
Computer Science & Engineering
CSIT DURG

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Report
Academic Year 2022-23

1.	Title of the Program	Course on "Programming Fundamental Concepts"
2.	Year /Department	3rd and 4th / Computer Science and Engineering , Information Technology
3.	Faculty In-Charge	Mr. Kranti Jain
4.	Number of Hours	40 Hours
5.	Duration	10 days
6.	Venue	Lab 10
7.	Course Objectives	5. Understand the basic fundamental concepts of programming, including variables, data types, operators, and control structures. 6. Develop the ability to write and execute simple programs using a programming language. 7. Learn the importance of algorithms and problem-solving techniques in programming. 8. Gain familiarity with different programming paradigms, such as procedural, functional, and object-oriented programming. 9. Explore the concepts of debugging and testing in programming to identify and fix errors in code. 10. Understand the principles of code organization and reuse through functions, modules, and libraries.
8.	Course Outcome	The students will be able to 6. Understand and apply the basic concepts of programming such as variables, data types, operators, and control structures. 7. Develop and design algorithms to solve programming problems using pseudo code and flowcharts . 8. Write and execute simple programs in a programming language such as Python, Java, or C++. 9. Use functions and procedures to organize and structure code for easier maintenance and readability. 10. Utilize arrays and other data structures to store and manipulate data in your programs.

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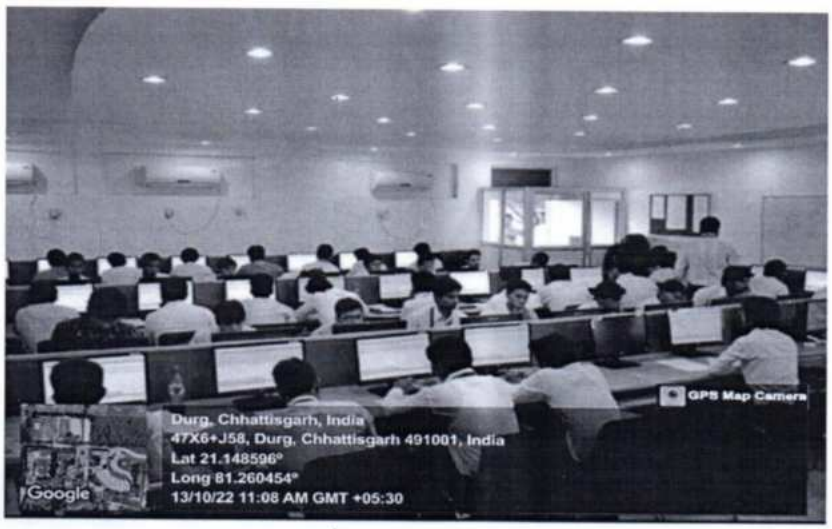

Mr. MrGandhar Patwardhan addressing the students of 3rd and 4th year on Programming Fundamental Concepts at Lab 10 CSIT Durg on Dated 13/10/2022.

Course Coordinator

HOD
CSIT Durg

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CHHATRAPATI SHIVAJI INSTITUTE OF TECHNOLOGY, DURG

Program Name: Course on "Programming Fundamental Concepts"

Test series

(1). What is the purpose of a programming language?
A. To communicate with computers
B. To perform mathematical calculations
C. To create graphics and animations
D. To write essays and reports

(2). Which of the following is NOT a programming language?
A. Java
B. Python
C. HTML
D. Microsoft Word

(3). What is the primary function of a compiler?
A. To convert source code into machine code
B. To debug programs
C. To design user interfaces
D. To create databases

(4). What is the purpose of a variable in programming?
A. To store data
B. To perform calculations
C. To create loops
D. To display output

(5). In programming, what does the term "syntax" refer to?
A. The meaning of a program
B. The structure and rules of a language
C. The speed of a program
D. The output of a program

(6). Which of the following is NOT a basic data type in programming?
A. Integer
B. String
C. Boolean
D. Loop

(7). What is a function in programming?
A. A reusable block of code
B. A graphical user interface
C. A database query

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D. A programming language

(8). What is the purpose of a loop in programming?
A. To display output
B. To store data
C. To repeat a block of code
D. To perform calculations

(9). What is an algorithm?
A. A type of variable
B. A programming language
C. A step-by-step procedure for solving a problem
D. An input/output device

(10). What is the difference between a compiler and an interpreter?
A. A compiler translates source code into machine code, while an interpreter executes code line by line.
B. A compiler executes code line by line, while an interpreter translates code into machine code.
C. A compiler and interpreter perform the same function.
D. A compiler is used for web development, while an interpreter is used for desktop applications.

(11). Which of the following is NOT a type of programming paradigm?
A. Object-oriented
B. Declarative
C. Functional
D. Debugging

(12). What is the purpose of comments in programming?
A. To provide instructions to the compiler
B. To prevent errors in code
C. To disable certain lines of code
D. To document and explain code

(13). What is an IDE in programming?
A. An integrated development environment
B. A programming language
C. A database
D. A type of loop

(14). What is the difference between a function and a method in programming?
A. A function is used for calculations, while a method is used for input/output.
B. A function is a reusable block of code, while a method is a function within a class.
C. A function and a method perform the same function.
D. A function is used in web development, while a method is used in desktop applications.

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(15). What is the purpose of flow control in programming?
A. To manage the flow of water
B. To control the flow of electricity
C. To control the flow of data or logic in a program
D. To manage inventory flow

(16). What is the difference between a variable and a constant in programming?
A. A variable can change its value, while a constant remains the same.
B. A constant stores data, while a variable performs calculations.
C. A variable is used in web development, while a constant is used in desktop applications.
D. A constant can change its value, while a variable remains the same.

(17). What is the purpose of pseudocode in programming?
A. To hide code from other programmers
B. To simplify complex problems before writing actual code
C. To test programs for errors
D. To generate random numbers

(18). What is the role of an API in programming?
A. An application programming interface helps different software applications communicate with each other
B. An advanced programming interface for expert programmers
C. An animated programming interface
D. An interface for virtual reality programming

(19). What is the purpose of data structures in programming?
A. To store and organize data efficiently
B. To represent mathematical formulas
C. To display graphics
D. To perform web development

(20). What is modular programming?
A. Breaking down a program into smaller, manageable parts
B. Writing code in a modular font
C. Using modules to create animations
D. Performing multiple tasks simultaneously

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Program Name: Course on "Programming Fundamental Concepts"

Evaluation Sheet

S.No.	Enrollment No.	Students Name	Marks obtain
1	BJ7573	TAMRADHWAJ SHERPA	12
2	BJ7574	DURGESHNANDNI	15
3	BJ7575	CHETAN SAHU	19
4	BJ7577	SURYAKANT	14
5	BJ7579	KAMLESH KUMAR	17
6	BJ7580	MUKESH VERMA	12
7	BJ7581	SIDHANT CHANDRAKAR	16
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17	BH4092	KHILESH SAHU	14
18	BH4093	MADHU	11
19	BH4094	MAHIMA	13
20	BH4097	PURUSHOTTAM DHIVER	16

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21	BJ7165	JEET DEWANGAN	19
22	BJ7166	CHANDRA KUMAR SAHU	12
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25	BJ7169	PEDDINTI KUSHAL KUMAR	14
26	BJ7171	MD RUMMAN RAZA KHAN	17
27	BJ7172	HARSHVARDHAN PIPARIYA	11
28	BJ7173	MRINAL MADARIA	15
29	BJ7174	HARSH KUMAR PUROHIT	13
30	BJ7177	ABHIGYAT SAHU	17
31	BJ7179	JITENDRA NAHAK	19
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34	BJ7182	ADITYA DEWANGAN	15
35	BJ7183	DEWANSH YADAV	12
36	BJ7184	RAKSHIT YADAV	18
37	BJ7185	MAYANK SAHU	14
38	BJ7186	ANANYA YOGI	16
39	BJ7188	NIDHI SHARMA	18
40	BJ7192	HIMESH CHOUHAN	17
41	BH3461	PRAVEEN VERMA	15
42	BH3462	PREYASH KUMAR	12
43	BH3463	PRITI KUNDU	13
44	BH3464	RAKSHA SHARMA	14

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46	BH3466	ROHIT SHRIVASTAVA	12
47	BH3467	SANJANA GOVINDANI	15
48	BH3468	SHRIYA THAKUR	18
49	BH3469	SHUBHI SINGH	19
50	BH3471	TUSHAR YADAV	17
51	BH3472	VAIBHAV SULE	19
52	BH3473	VEDANK PACHKAWADE	16
53	BH3474	VEENA SAHU	14
54	BH3475	VINI NAYAK	12
55	BH3476	YOGESH CHANDRAKAR	13
56	BH2038	VIDHI SAWAI	18
57	BH4098	R TUSHAR	1719
58	BJ0037	AMRITA PANDEY	16
59	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN	14
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Certificate of Participation

This is to Certify that Mr. / Ms. ***CHETAN SAHU*** of ***Information Technology Department,*** of ***3rd*** **Year** has participated in the **Course on Programming Fundamental Concepts** from **13/10/2022 to 22/10/2022** Organised by **Chhatrapati Shivaji Institute of Technology, Durg.**

Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma

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Course on Programming Fundamental Concepts.
BY
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13 – 22 October 2022

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Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma

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Certificate of Participation

This is to Certify that Mr. / Ms. ***DURGESH NANDNI*** of ***Information Technology Department,*** of ***3rd*** **Year** has participated in the **Course on Programming Fundamental Concepts** from **13/10/2022 to 22/10/2022** Organised by **Chhatrapati Shivaji Institute of Technology, Durg.**

Managing Director
S2P Edutech

Director
Dr. Santosh Kumar Sharma

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Program Name: Course on "Programming Fundamental Concepts"

Test series

Name of student: Chetan Sahu **Branch:** I.T. **Enrollment No.** BJ7575

(1). What is the purpose of a programming language?
A. To communicate with computers
B. To perform mathematical calculations
C. To create graphics and animations
D. To write essays and reports

(2). Which of the following is NOT a programming language?
A. Java
B. Python
C. HTML
D. Microsoft Word

(3). What is the primary function of a compiler?
A. To convert source code into machine code
B. To debug programs
C. To design user interfaces
D. To create databases

(4). What is the purpose of a variable in programming?
A. To store data
B. To perform calculations
C. To create loops
D. To display output

(5). In programming, what does the term "syntax" refer to?
A. The meaning of a program
B. The structure and rules of a language
C. The speed of a program
D. The output of a program

(6). Which of the following is NOT a basic data type in programming?
A. Integer
B. String
C. Boolean
D. Loop

(7). What is a function in programming?
A. A reusable block of code
B. A graphical user interface
C. A database query
D. A programming language

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(8). What is the purpose of a loop in programming?
A. To display output
B. To store data
C. To repeat a block of code
D. To perform calculations

(9). What is an algorithm?
A. A type of variable
B. A programming language
C. A step-by-step procedure for solving a problem
D. An input/output device

(10). What is the difference between a compiler and an interpreter?
A. A compiler translates source code into machine code, while an interpreter executes code line by line.
B. A compiler executes code line by line, while an interpreter translates code into machine code.
C. A compiler and interpreter perform the same function.
D. A compiler is used for web development, while an interpreter is used for desktop applications.

(11). Which of the following is NOT a type of programming paradigm?
A. Object-oriented
B. Declarative
C. Functional
D. Debugging

(12). What is the purpose of comments in programming?
A. To provide instructions to the compiler
B. To prevent errors in code
C. To disable certain lines of code
D. To document and explain code

(13). What is an IDE in programming?
A. An integrated development environment
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C. A database
D. A type of loop

(14). What is the difference between a function and a method in programming?
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D. A function is used in web development, while a method is used in desktop applications.

(15). What is the purpose of flow control in programming?
A. To manage the flow of water
B. To control the flow of electricity
C. To control the flow of data or logic in a program
D. To manage inventory flow

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(16). What is the difference between a variable and a constant in programming?
A. A variable can change its value, while a constant remains the same.
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A. An application programming interface helps different software applications communicate with each other
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D. An interface for virtual reality programming

(19). What is the purpose of data structures in programming?
A. To store and organize data efficiently
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C. To display graphics
D. To perform web development

(20). What is modular programming?
A. Breaking down a program into smaller, manageable parts
B. Writing code in a modular font
C. Using modules to create animations
D. Performing multiple tasks simultaneously

Obtained Marks: 19/20 Signature of Faculty: Ky

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Program Name: Course on "Programming Fundamental Concepts"

Test series

Name of student: Kamlesh **Branch:** I.T. **Enrollment No.** BT7579

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Obtained Marks:.....17/20..... **Signature of Faculty**.....Kg.....

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VAC/2022-23/03

YOUTH EMPLOYMENT PROGRAM

BY

TATA CONSULTANCY SERVICES

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Certificate Course on "YOUTH EMPLOYMENT PROGRAM"

Year	Certificate Course	Schedule	Duration	Organization	Venue	Resource Person
B. Tech. 3rd year	Course On Youth Employment Program	19/12/ 2022 to 29/12/ 2022	40 Hours	CSIT,DURG	Sambhaji Hall	Mr. Saksham Sharma

Course Coordinator

HOD (EEE)

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CSIT/ VAC/2022-23/03 Date – 05/12/2022

Permission Letter

To,
The Director,
CSIT Durg.

Sub.: Permission to conduct the Course on "Youth Employment Program"

Respected Sir,

We have planned to conduct Value Added Course on title "Youth Employment Program" for 3rd years students. Details are given below:

Title of Program: Course on "Youth Employment Program"
Resource Person: Mr. Saksham Sharma

Date: 19/12/2022 to 29/12/2022

So kindly give us permission to conduct the program and to utilize the Sambhaji Hall.

Thankyou,

Approved/Not-Approved

Course Coordinator

Director
CSIT Durg

Director
Chhatrapati Shivaji Institute
of Technology Durg

SANTOSH KUMAR SHARMA

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CSIT/ VAC/2022-23/03/A

Date – 07/12/2022

Circular

Ref: CSIT/ VAC/2022-23/03

The schedule for the Certificate Course on "Youth Employment Program" for **B. Tech IIIrd year** students is detailed below. Respective coordinators are requested to verify any discrepancies in the schedule and bring them to the notice of the Course Coordinator. They are also requested to make necessary arrangements to execute the Certificate Course sessions as per the plan.

The respective in-charges are also requested to inform the Certificate Course plan to the respective students and ensure that all students attend without fail.

Year	Certificate Course	Faculty In-Charge	Date	Venue
B. Tech IIIrd	Course on "Youth Employment Program"	Mr. Sanjay Kumar Singh	19/12/2022 to 29/12/2022	Sambhaji Hall

Time – 10:00 AM to 3:00 PM

Course Coordinator

HOD
CSIT Durg

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Certificate Course Contents & Schedule

Academic Year: 2022-23

Name of the Course: Course on "Youth Employment Program"

Program Code: VAC/2022-23/03

Resource Person: Mr. Saksham Sharma

Program Duration (From – To) : 19/12/2022 to 29/12/2022

Total Hours: 40 Hours

S.No.	Topic to be Covered	Hrs.	Date of Delivery
1	**Module 1:** **Introduction to Employability Skills** ***Understanding Employability Skills*** • Definition and importance of employability skills • Identification of key employability skills: communication, teamwork, problem-solving, adaptability, etc. • Interactive exercises and group discussions ***Communication Skills*** • Verbal and non-verbal communication skills • Effective listening and speaking techniques • Role-playing and communication exercises	4	19/12/2022 to 29/12/2022
2	**Module 2:** ***Teamwork and Collaboration*** • Importance of teamwork in the workplace • Building trust and fostering collaboration • Team-building activities and group projects ***Problem-Solving and Critical Thinking*** • Problem-solving techniques • Creative and critical thinking skills • Case studies and problem-solving scenarios	4	

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3	**Module 3:** ***Adaptability and Resilience*** • Adapting to change in the workplace • Building resilience and coping mechanisms • Resilience-building exercises ***Self-Assessment and Career Exploration*** • Identifying interests, values, and strengths • Exploring different career paths and industries • Career assessment tools and resources	4	
4	**Module 4:** ***Goal Setting and Action Planning*** • Setting SMART career goals • Developing action plans to achieve career goals • Goal-setting exercises and individual reflection ***Resume Writing and Cover Letters*** • Crafting effective resumes and cover letters • Highlighting skills and experiences • Resume and cover letter workshops	4	
5	**Module 5:** ***Interview Preparation*** • Understanding different types of interviews • Practicing interview techniques and responses • Mock interviews and feedback sessions ***Professionalism and Work Ethics*** • Professional behavior in the workplace • Ethics and integrity at work • Role-playing and case studies on professionalism	4	
6	**Module 6:** ***Job Search Techniques*** • Exploring job search methods: online job boards, networking, job fairs, etc. • Creating a job search plan • Job search resources and tools ***Networking and Building Professional Relationships*** • Importance of networking for career advancement • Networking strategies and best practices • Networking activities and role-playing	4	
7	**Module 7:** ***Using Social Media for Job Search*** • Leveraging LinkedIn, Twitter, and other platforms • Creating a professional online presence • Social media branding exercises ***Job Application Process***	4	

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	• Completing job applications accurately • Understanding job requirements and qualifications • Application review and feedback		
8	**Module 8:** ***Interview Follow-Up and Negotiation*** • Sending thank-you notes after interviews • Negotiating job offers and salaries • Negotiation role-plays and scenarios ***Time Management and Organization*** • Effective time management techniques • Prioritizing tasks and setting deadlines • Time management exercises	4	
9	**Module 9:** ***Stress Management and Well-being*** • Identifying sources of stress • Coping strategies for stress management • Stress-relief activities and relaxation techniques ***Financial Literacy and Budgeting*** • Basics of personal finance • Budgeting and managing finances effectively • Financial literacy workshops	4	
10	**Module 10:** ***Continuing Education and Career Advancement*** • Lifelong learning and skill development • Exploring opportunities for further education or training • Career advancement strategies ***Program Reflection and Future Planning*** • Reflecting on learning outcomes and experiences • Setting future career goals and plans • Action planning for continued growth and development	4	
	Total Number of Hours	40	

Course Coordinator

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List of Enrolled Students

Program Coordinator: Mr. Sanjay Singh

Academic Year : 2022-23

Program Name : Course on "Youth Employment "

S.No.	Enrollment No.	Students Name	Department	Year
1	BJ7600	RAJEEV SAO	Civil Engineering	3rd
2	BJ7601	PIYUSH SAHU	Civil Engineering	3rd
3	BJ7602	MOHIT KUMAR	Civil Engineering	3rd
4	BJ7603	GUNJA DESHMUKH	Civil Engineering	3rd
5	BJ7604	PREETI	Civil Engineering	3rd
6	BJ7605	ADITI SAHU	Civil Engineering	3rd
7	BJ7606	PRINCE SAI	Civil Engineering	3rd
8	BJ7607	DOLLY DESHMUKH	Civil Engineering	3rd
9	BJ7608	SHANU VAISHNAV	Civil Engineering	3rd
10	BJ7609	KHUSHBOO SAHU	Civil Engineering	3rd
11	BJ7610	VANSHIKA NASHINE	Civil Engineering	3rd
12	BJ7611	NARAYAN SINGH KOUMARYA	Civil Engineering	3rd

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13	BJ7612	TEMESHRI	Civil Engineering	3rd
14	BJ7614	RAHUL DEWANGAN	Civil Engineering	3rd
15	BJ7615	ADITYA KUMAR SAHU	Civil Engineering	3rd
16	BJ7616	ARYAN AATHE	Civil Engineering	3rd
17	BJ7617	YEETESH KUMAR SINHA	Civil Engineering	3rd
18	BJ7637	RAJ DEWANGAN	Civil Engineering	3rd
19	BJ7631	DHANANJAY VERMA	Civil Engineering	3rd
20	BJ7594	CHANDAN SONI	Electrical and Electronics Engineering	3rd
21	BJ7595	KAPIL KUMAR DEWANGAN	Electrical and Electronics Engineering	3rd
22	BJ7596	AAYUSH MAHAJAN	Electrical and Electronics Engineering	3rd
23	BJ7597	VASUDHA VERMA	Electrical and Electronics Engineering	3rd
24	BJ7598	SAHIL PATEL	Electrical and Electronics Engineering	3rd
25	BJ7599	ROHAN DAHRE	Electrical and Electronics Engineering	3rd
26	BJ7626	AKRAM ALI	Electrical and Electronics Engineering	3rd
27	BJ7619	PARITOSH SAHU	Mechanical Engineering	3rd

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28	BJ7620	AJJU	Mechanical Engineering	3rd
29	BJ7621	ASHISH KUMAR	Mechanical Engineering	3rd
30	BJ7622	RISHIKESH SAHANI	Mechanical Engineering	3rd
31	BJ7623	PRAVIN KUMAR	Mechanical Engineering	3rd
32	BJ7624	ROSHAN SAO	Mechanical Engineering	3rd
33	BJ7627	PRANJAL DEWANGAN	Mechanical Engineering	3rd
34	BJ7628	DEEPAK KUMAR YADAV	Mechanical Engineering	3rd
35	BJ7629	DHEERAJ KUMAR	Mechanical Engineering	3rd
36	BJ7630	SHAILESH KUMAR	Mechanical Engineering	3rd
37	BJ7632	RAKESH KUMAR	Mechanical Engineering	3rd
38	BJ7633	KAMAL KISHOR SAHU	Mechanical Engineering	3rd
39	BJ7634	YASAWANT KUMAR PANDEY	Mechanical Engineering	3rd
40	BJ7635	VIKASH KUMAR	Mechanical Engineering	3rd
41	BJ7640	RISHIKESH TIWARI	Mechanical Engineering	3rd
42	BJ7641	AASIK RAJA KHAN	Mechanical Engineering	3rd
43	CA0702	Abid Aman	Mechanical Engineering	3rd
44	BJ7584	PRIYANSHI PATHAK	Mechatronics	3rd
45	BJ7586	NUMESH KUMAR SAHU	Mechatronics	3rd
46	BJ7587	ISHWAR SAHU	Mechatronics	3rd
47	BJ7588	SAMIKSHA PRASAD	Mechatronics	3rd
48	BJ7589	SURAJ HARMUKH	Mechatronics	3rd

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49	BJ7590	SARTAJ SINGH	Mechatronics	3rd
50	BJ7573	TAMRADHWAJ SHERPA	Information Technology	3rd
51	BJ7574	DURGESHNANDNI	Information Technology	3rd
52	BJ7575	CHETAN SAHU	Information Technology	3rd
53	BJ7577	SURYAKANT	Information Technology	3rd
54	BJ7579	KAMLESH KUMAR	Information Technology	3rd
55	BJ7580	MUKESH VERMA	Information Technology	3rd
56	BJ7581	SIDHANT CHANDRAKAR	Information Technology	3rd
57	BJ7582	NEELAM	Information Technology	3rd
58	BJ7583	YAGYA PRAKASH	Information Technology	3rd
59	BJ7268	AMIT KUMAR SINHA	Computer Science and Engineering	3rd
60	BK5150	LAXMI	Computer Science and Engineering	3rd

Course Coordinator

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Program Name : Course on "Youth Employment"

Attendance sheet

S. No.	Enrollment No.	Name of Students	Date									
			19/12/22	20/12/22	21/12/22	22/12/22	23/12/22	24/12/22	26/12/22	27/12/22	28/12/22	29/12/22
1	BJ7600	RAJEEV SAO	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
2	BJ7601	PIYUSH SAHU	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
3	BJ7602	MOHIT KUMAR	MK	MK	MK	MK	MK	MK	MK	MK	MK	MK
4	BJ7603	GUNJA DESHMUKH	Gunja	Gunja	Gunja	Gunja	Gunja	Gunja	Gunja	Gunja	Gunja	Gunja
5	BJ7604	PREETI	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
6	BJ7605	ADITI SAHU	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
7	BJ7606	PRINCE SAI	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince.
8	BJ7607	DOLLY DESHMUKH	Dolly	Dolly	Dolly	Dolly	Dolly	Dolly	Dolly	Dolly	Dolly	Dolly
9	BJ7608	SHANU VAISHNAV	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu
10	BJ7609	KHUSHBOO SAHU	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo
11	BJ7610	VANSHIKA NASHINE	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van
12	BJ7611	NARAYAN SINGH KOUMARYA	Nar	Nar	Nar	Nar	Nar	Nar	Nar	Nar	Nar	Nar
13	BJ7612	TEMESHRI	T	T	T	T	T	T	T	T	T	T
14	BJ7614	RAHUL DEWANGAN	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
15	BJ7615	ADITYA KUMAR SAHU	Adityak.	Adityak.	Adityak.	Adityak.	Adityak.	Adityak.	Adityak.	Adityak.	Adityak.	Adityak.
16	BJ7616	ARYAN AATHE	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan
17	BJ7617	YEETESH KUMAR SINHA	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.	Yeetesh.
18	BJ7637	RAJ DEWANGAN	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
19	BJ7631	DHANANJAY VERMA	Dhananjay	Dhananjay	Dhananjay	Dhananjay	Dhananjay	Dhananjay	Dhananjay	Dhananjay	Dhananjay	Dhananjay
20	BJ7594	CHANDAN SONI	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan
21	BJ7595	KAPIL KUMAR DEWANGAN	Kapil	Kapil	Kapil	Kapil	Kapil	Kapil	Kapil	Kapil	Kapil	Kapil

Attendance sheet

S. No.	Enrollment No.	Name of Students	Date									
			13/12/22	20/12/22	21/12/22	22/12/22	23/12/22	24/12/22	26/12/22	27/12/22	28/12/22	29/12/22
22	BJ7596	AAYUSH MAHAJAN	Aayush	Aayush	Aayush	Aayush	Aayush	Aayush	Aayush	Aayush	Aayush	Aayush
23	BJ7597	VASUDHA VERMA	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha
24	BJ7598	SAHIL PATEL	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil
25	BJ7599	ROHAN DAHRE	Rpatel	Rpatel	Rpatel	Rpatel	Rpatel	Rpatel	Rpatel	Rpatel	Rpatel	Rpatel
26	BJ7626	AKRAM ALI	Akram	Akram	Akram	Akram	Akram	Akram	Akram	Akram	Akram	Akram
27	BJ7619	PARITOSH SAHU	Pari.	Pari.	Pari.	Pari.	Pari.	Pari.	Pari.	Pari.	Pari.	Pari.
28	BJ7620	AJJU	Ajju	Ajju	Ajju	Ajju	Ajju	Ajju	Ajju	Ajju	Ajju	Ajju
29	BJ7621	ASHISH KUMAR	A	A	A	A	A	A	A	A	A	A
30	BJ7622	RISHIKESH SAHANI	R	R	R	R	R	R	R	R	R	R
31	BJ7623	PRAVIN KUMAR	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin
32	BJ7624	ROSHAN SAO	Roshan	Roshan	Roshan	Roshan	Roshan	Roshan	Roshan	Roshan	Roshan	Roshan
33	BJ7627	PRANJAL DEWANGAN	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal
34	BJ7628	DEEPAK KUMAR YADAV	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
35	BJ7629	DHEERAJ KUMAR	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj
36	BJ7630	SHAILESH KUMAR	Shailesh	Shailesh	Shailesh	Shailesh	Shailesh	Shailesh	Shailesh	Shailesh	Shailesh	Shailesh
37	BJ7632	RAKESH KUMAR	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh.
38	BJ7633	KAMAL KISHOR SAHU	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal
39	BJ7634	YASAWANT KUMAR PANDEY	Yash.	Yash.	Yash.	Yash.	Yash.	Yash.	Yash.	Yash.	Yash.	Yash.
40	BJ7635	VIKASH KUMAR	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash
41	BJ7640	RISHIKESH TIWARI	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari
42	BJ7641	AASIK RAJA KHAN	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan.
43	CA0702	Abid Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman

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Attendance sheet

S. No.	Enrollment No.	Name of Students	Date									
			13/12/22	20/12/22	4/12/22	22/12/22	23/12/22	24/12/22	26/12/22	27/12/22	28/12/22	29/12/22
44	BJ7584	PRIYANSHI PATHAK										
45	BJ7586	NUMESH KUMAR SAHU										
46	BJ7587	ISHWAR SAHU										
47	BJ7588	SAMIKSHA PRASAD										
48	BJ7589	SURAJ HARMUKH										
49	BJ7590	SARTAJ SINGH										
50	BJ7573	TAMRADHWAJ SHERPA										
51	BJ7574	DURGESHNANDNI										
52	BJ7575	CHETAN SAHU										
53	BJ7577	SURYAKANT										
54	BJ7579	KAMLESH KUMAR										
55	BJ7580	MUKESH VERMA										
56	BJ7581	SIDHANT CHANDRAKAR										
57	BJ7582	NEELAM										
58	BJ7583	YAGYA PRAKASH										
59	BJ7268	AMIT KUMAR SINHA										
60	BK5150	LAXMI										

Course Coordinator

HOD
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Report
Academic Year 2022-23

1.	Title of the Program	Course on "Youth Employment"
2.	Year /Department	3rd
3.	Faculty In-Charge	Mr. Sanjay Singh
4.	Number of Hours	40 Hours
5.	Duration	10 days
6.	Venue	Sambhaji Hall
7.	Course Objectives	1. Students to enter the workforce, countries can reduce the unemployment rate among this demographic and improve overall economic stability. 2. Students can build the skills and knowledge needed to succeed in the workforce. 3. Youth employment can help to increase productivity, generate new sources of income, and create new markets for goods and services. 4. Reducing poverty and inequality 5. Fostering social inclusion
8.	Course Outcome	The students will be able to 1. Understand the importance of developing employable skills and experience in order to secure and maintain meaningful employment. 2. Identify personal strengths, interests, and career goals to tailor job search strategies and opportunities. 3. Enhance communication and networking skills to effectively market one self and connect with potential employers. 4. Gain hands-on experience through internships, volunteer work, or part-time jobs to build a strong professional portfolio. 5. Develop effective resume writing and interviewing skills to stand out to potential employers.

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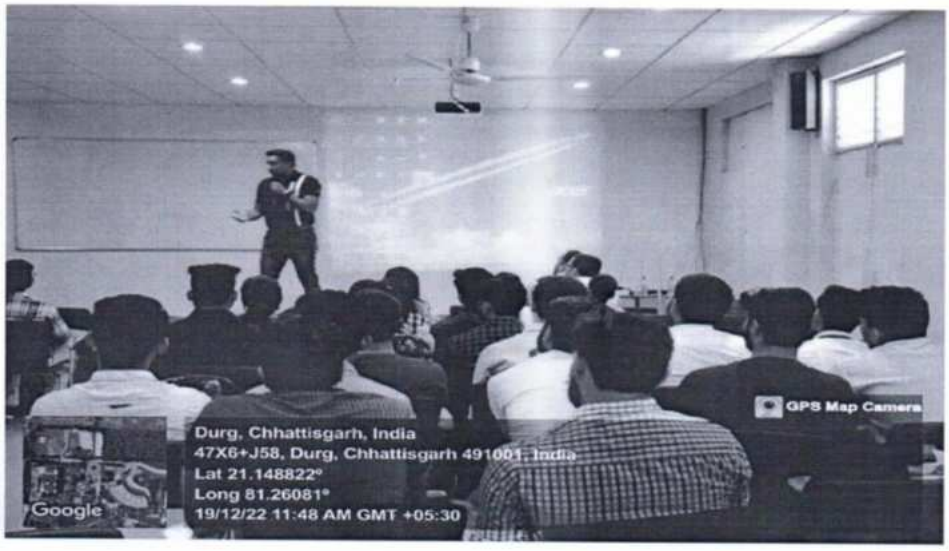

Mr. Saksham Sharma addressing the students of 3rd year on Youth Employment at Shambha Ji Hall CSIT Durg on Dated 19/12/2022.

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CHHATRAPATI SHIVAJI INSTITUTE OF TECHNOLOGY, DURG
Program Name: Course on "Youth Employment"

Test series

(1.) What is youth employment?
A. Employment opportunities specifically targeted towards young people
B. Employment opportunities for individuals aged 30 and above
C. Employment opportunities for individuals under the age of 18
D. Employment opportunities for retired individuals

(2.) Why is youth employment important?
A. It helps young people gain work experience and financial independence
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D. It has no significant impact on the economy

(3.) Which of the following factors can contribute to youth unemployment?
A. Lack of education and skills
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C. Government job creation programs
D. High demand for young workers

(4.) What role can education play in addressing youth unemployment?
A. Education can equip young people with the necessary skills for the job market
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(5.) What are some common challenges faced by young people in finding employment?
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C. Discrimination based on age
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A. Creating policies and programs to promote youth employment
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D. All of the above

(8.) Why is it important to invest in youth employment programs?
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(9.) What is the impact of youth unemployment on society?
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A. 10%
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(13). Which of the following factors influence youth employment rates?
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(14). What is the relationship between youth employment and social inclusion?
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(15). What is the concept of "youth underemployment"?
A. Young people working in jobs that are below their qualifications
B. Young people working part-time when they desire full-time work
C. Young people working in jobs that are not related to their field of study
D. Young people working in jobs that do not pay a living wage

(16). What role can mentorship programs play in addressing youth unemployment?
A. Providing guidance and support to young people entering the job market
B. Creating job opportunities for young people
C. Offering financial assistance to young people
D. None of the above

(17). What is the impact of youth employment on mental health?
A. Positive youth employment experiences can improve mental health
B. Youth employment has no impact on mental health
C. Negative youth employment experiences can harm mental health
D. All of the above

(18). What is the relationship between youth employment and economic development?
A. Youth employment can contribute to economic growth
B. Youth employment has no impact on economic development
C. Youth employment can hinder economic development
D. Youth employment is irrelevant to economic development

(19). What are some strategies that can help address youth unemployment?
A. Investing in education and skills training programs
B. Creating job opportunities through government policies
C. Encouraging businesses to hire young people
D. All of the above

(20). How can young people themselves contribute to improving their employment prospects?
A. Continuing education and skills development
B. Gaining work experience through internships and part-time jobs
C. Networking with professionals in their desired field
D. All of the above

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Program Name: Course on "Youth Employment"

Evaluation Sheet

S.No.	Enrollment No.	Students Name	Marks obtain
1	BJ7600	RAJEEV SAO	12
2	BJ7601	PIYUSH SAHU	14
3	BJ7602	MOHIT KUMAR	15
4	BJ7603	GUNJA DESHMUKH	16
5	BJ7604	PREETI	17
6	BJ7605	ADITI SAHU	17
7	BJ7606	PRINCE SAI	19
8	BJ7607	DOLLY DESHMUKH	11
9	BJ7608	SHANU VAISHNAV	14
10	BJ7609	KHUSHBOO SAHU	17
11	BJ7610	VANSHIKA NASHINE	12
12	BJ7611	NARAYAN SINGH KOUMARYA	15
13	BJ7612	TEMESHRI	18
14	BJ7614	RAHUL DEWANGAN	13
15	BJ7615	ADITYA KUMAR SAHU	16
16	BJ7616	ARYAN AATHE	19
17	BJ7617	YEETESH KUMAR SINHA	19
18	BJ7637	RAJ DEWANGAN	18
19	BJ7631	DHANANJAY VERMA	17
20	BJ7594	CHANDAN SONI	14

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21	BJ7595	KAPIL KUMAR DEWANGAN	15
22	BJ7596	AAYUSH MAHAJAN	16
23	BJ7597	VASUDHA VERMA	12
24	BJ7598	SAHIL PATEL	13
25	BJ7599	ROHAN DAHRE	11
26	BJ7626	AKRAM ALI	12
27	BJ7619	PARITOSH SAHU	13
28	BJ7620	AJJU	14
29	BJ7621	ASHISH KUMAR	15
30	BJ7622	RISHIKESH SAHANI	16
31	BJ7623	PRAVIN KUMAR	17
32	BJ7624	ROSHAN SAO	18
33	BJ7627	PRANJAL DEWANGAN	19
34	BJ7628	DEEPAK KUMAR YADAV	19
35	BJ7629	DHEERAJ KUMAR	18
36	BJ7630	SHAILESH KUMAR	17
37	BJ7632	RAKESH KUMAR	16
38	BJ7633	KAMAL KISHOR SAHU	15
39	BJ7634	YASAWANT KUMAR PANDEY	14
40	BJ7635	VIKASH KUMAR	13
41	BJ7640	RISHIKESH TIWARI	12
42	BJ7641	AASIK RAJA KHAN	14
43	CA0702	Abid Aman	15
44	BJ7584	PRIYANSHI PATHAK	19

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45	BJ7586	NUMESH KUMAR SAHU	13
46	BJ7587	ISHWAR SAHU	15
47	BJ7588	SAMIKSHA PRASAD	18
48	BJ7589	SURAJ HARMUKH	16
49	BJ7590	SARTAJ SINGH	17
50	BJ7573	TAMRADHWAJ SHERPA	19
51	BJ7574	DURGESHNANDNI	13
52	BJ7575	CHETAN SAHU	15
53	BJ7577	SURYAKANT	18
54	BJ7579	KAMLESH KUMAR	16
55	BJ7580	MUKESH VERMA	19
56	BJ7581	SIDHANT CHANDRAKAR	14
57	BJ7582	NEELAM	15
58	BJ7583	YAGYA PRAKASH	11
59	BJ7268	AMIT KUMAR SINHA	18
60	BK5150	LAXMI	15

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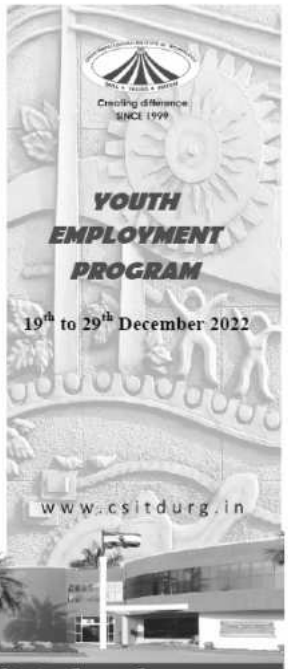

Co-Ordinator
Sanjay Kumar Singh

Director
Dr. Santosh Kumar Sharma

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YOUTH EMPLOYMENT PROGRAM

19th to 29th December 2022

www.csitdurg.in

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Co-Ordinator
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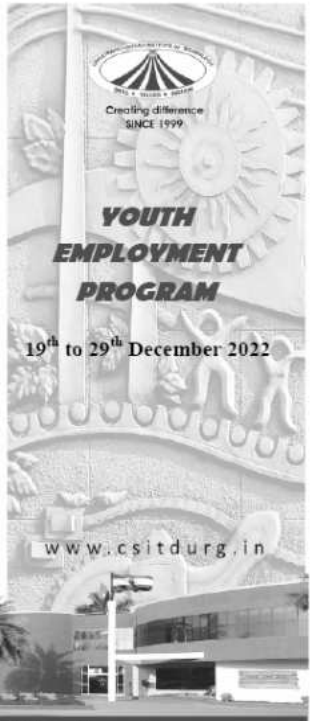

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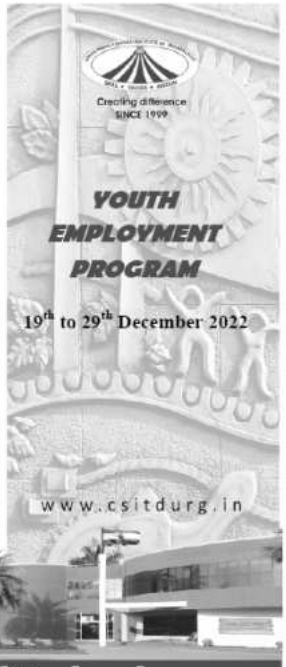

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Program Name: Course on "Youth Employment"

Test series

Name of student: PIYUSH SAHU **Branch:** CIVIL **Enrollment No.** BJ-7601

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(15). What is the concept of "youth underemployment"?
A. Young people working in jobs that are below their qualifications
B. Young people working part-time when they desire full-time work
C. Young people working in jobs that are not related to their field of study
D. Young people working in jobs that do not pay a living wage

(16). What role can mentorship programs play in addressing youth unemployment?
A. Providing guidance and support to young people entering the job market
B. Creating job opportunities for young people
C. Offering financial assistance to young people
D. None of the above

(17). What is the impact of youth employment on mental health?
A. Positive youth employment experiences can improve mental health
B. Youth employment has no impact on mental health
C. Negative youth employment experiences can harm mental health
D. All of the above

(18). What is the relationship between youth employment and economic development?
A. Youth employment can contribute to economic growth
B. Youth employment has no impact on economic development
C. Youth employment can hinder economic development
D. Youth employment is irrelevant to economic development

(19). What are some strategies that can help address youth unemployment?
A. Investing in education and skills training programs
B. Creating job opportunities through government policies
C. Encouraging businesses to hire young people
D. All of the above

(20). How can young people themselves contribute to improving their employment prospects?
A. Continuing education and skills development
B. Gaining work experience through internships and part-time jobs
C. Networking with professionals in their desired field
D. All of the above

Obtained Marks: 14/20 ..... Signature of Faculty.....

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Program Name: Course on "Youth Employment"

Test series

Name of student: Gunjan Deshmukh **Branch:** Civil **Enrollment No.** BJ7603

(1.) What is youth employment?
A. Employment opportunities specifically targeted towards young people
B. Employment opportunities for individuals aged 30 and above
C. Employment opportunities for individuals under the age of 18
D. Employment opportunities for retired individuals

(2.) Why is youth employment important?
A. It helps young people gain work experience and financial independence
B. It reduces the unemployment rate among older individuals
C. It provides income for retired individuals
D. It has no significant impact on the economy

(3.) Which of the following factors can contribute to youth unemployment?
A. Lack of education and skills
B. Lack of desire to work
C. Government job creation programs
D. High demand for young workers

(4.) What role can education play in addressing youth unemployment?
A. Education can equip young people with the necessary skills for the job market
B. Education is not important in addressing youth unemployment
C. Education can only worsen the problem of youth unemployment
D. Education has no impact on youth unemployment

(5.) What are some common challenges faced by young people in finding employment?
A. Lack of work experience
B. Limited access to job opportunities
C. Discrimination based on age
D. All of the above

(6.) What is the role of government in addressing youth unemployment?
A. Creating policies and programs to promote youth employment
B. Providing financial support to young people
C. Offering free education to all young people
D. All of the above

(7.) Which of the following industries are popular choices for youth employment?
A. Retail
B. Hospitality
C. Information Technology
D. All of the above

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(8.) Why is it important to invest in youth employment programs?
A. It can lead to economic growth
B. It can reduce poverty and inequality
C. It can empower young people
D. All of the above

(9.) What is the impact of youth unemployment on society?
A. Increased crime rates
B. Increased social unrest
C. Higher government welfare spending
D. All of the above

(10.) How can businesses contribute to addressing youth unemployment?
A. Providing training and internship opportunities for young people
B. Hiring young people for entry-level positions
C. Offering mentorship programs
D. All of the above

(11). What is the global youth unemployment rate?
A. 10%
B. 25%
C. 50%
D. 75%

(12). In which region of the world is youth unemployment most prevalent?
A. Africa
B. Europe
C. North America
D. Asia

(13). Which of the following factors influence youth employment rates?
A. Economic conditions
B. Education levels
C. Government policies
D. All of the above

(14). What is the relationship between youth employment and social inclusion?
A. Youth employment promotes social inclusion
B. Youth employment has no impact on social inclusion
C. Youth employment can lead to social exclusion
D. Youth employment is irrelevant to social inclusion

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VAC/2022-23/04

ARTIFICIAL INTELLIGANCE (ADVANCE)

BY

ARDENT TECHNOLOGIES, KOLKATA

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Certificate Course on "ARTIFICIAL INTELLIGENCE (ADVANCE)"

Year	Certificate Course	Schedule	Duration	Organization	Venue	Resource Person
B. Tech. 4th year	Course On Artificial Intelligence (Advance)	01/02/ 2023 to 10/02/ 2023	40 Hours	CSIT,DURG	Lab 10	Mr. Mahendra Datta

Course Coordinator

Head of Department
Computer Science & Engineering
CSIT DURG

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CSIT/ VAC/2022-23/04 Date – 23/01/2023

Permission Letter

To,
The Director,
CSIT Durg.

Sub.: Permission to conduct the Course on "Artificial Intelligence (Advance)"

Respected Sir,

We have planned to conduct Value Added Course on title "Artificial Intelligence (Advance)" for 4th years students. Details are given below:

Title of Program: Course on "Artificial Intelligence (Advance)"
Resource Person: Mr. Mahendra Datta

Date: 01/02/2023 to 10/02/2023

So kindly give us permission to conduct the program and to utilize the Lab. 10.

Thankyou,

Approved/Not-Approved

Course Coordinator

Director
CSIT Durg

Director
Chhatrapati Shivaji Institute
of Technology Durg

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CSIT/ VAC/2022-23/04/A

Date – 25/01/2023

Circular

Ref: CSIT/ VAC/2022-23/04

The schedule for the Certificate Course on "Artificial Intelligence (Advance)" for **B. Tech IVth year** students is detailed below. Respective coordinators are requested to verify any discrepancies in the schedule and bring them to the notice of the Course Coordinator. They are also requested to make necessary arrangements to execute the Certificate Course sessions as per the plan.

The respective in-charges are also requested to inform the Certificate Course plan to the respective students and ensure that all students attend without fail.

Year	Certificate Course	Faculty In-Charge	Date	Venue
B. Tech IVth	Course on "Artificial Intelligence (Advance)"	Mr. Deepak Sharma	01/02/2023 to 10/02/2023	Lab. 10

Time – 10:00 AM to 3:00 PM

Course Coordinator

HOD
CSIT Department
Computers Science & Engineering
CSIT, DURG

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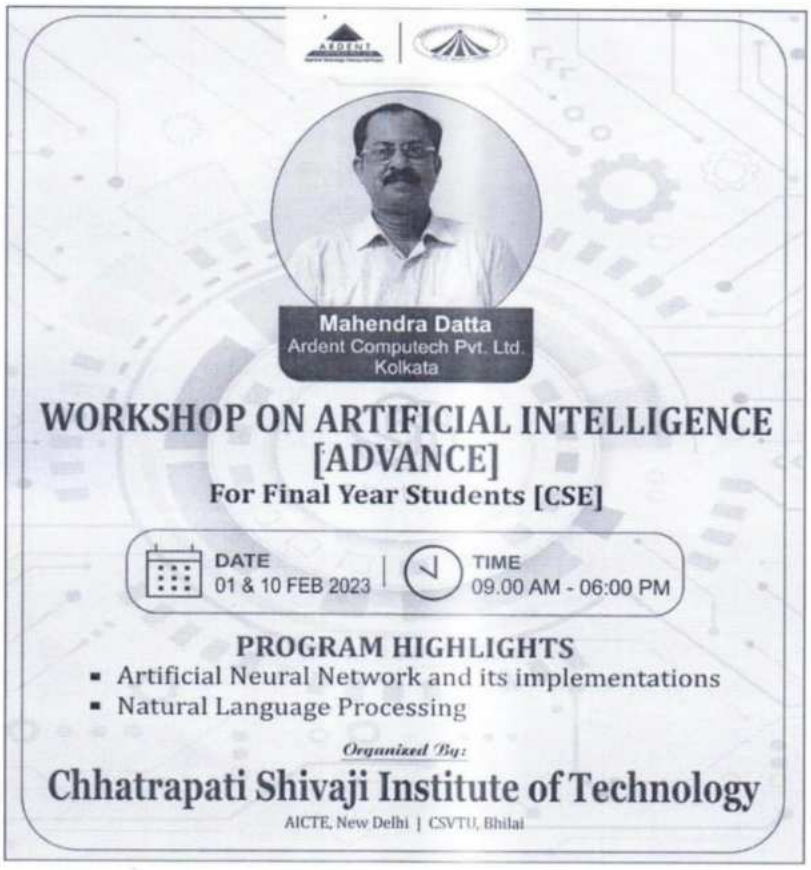
Brochure



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Certificate Course Contents & Schedule

Academic Year: 2022-23

Name of the Course: Course on "Artificial Intelligence (Advance)"

Program Code: VAC/2022-23/04

Resource Person: Mr. Mahendra Datta

Program Duration (From – To) : 01/02/2023 to 10/02/2023

Total Hours: 40 Hours

S.No.	Topic to be Covered	Hrs.	Date of Delivery
1	**Module 1: Introduction to Machine Learning** • Supervised, Unsupervised, and Reinforcement Learning • Decision Trees and Random Forests	5	01/02/2023 to 10/02/2023
2	**Module 2: Support Vector Machines** • K-Nearest Neighbors • Clustering algorithms	5	
3	**Module 3:** • Introduction to Deep Learning • Neural Networks and Backpropagation • Convolutional Neural Networks	4	
4	**Module 4:** • Recurrent Neural Networks • Generative Adversarial Networks • Transfer Learning	4	
5	**Module 5:** • Natural Language Processing • Word Embeddings • Sequence-to-Sequence Models	4	

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6	**Module 6:** • Computer Vision • Object Detection • Image Segmentation	4	
7	**Module 7:** • Reinforcement Learning • Q-Learning • Deep Q Networks	4	
8	**Module 8:** • Real-world applications of AI • Ethical considerations in AI • Project work and presentations	5	
9	**Module 9:** • Quizzes and assignments • Final project presentation • Final exam	5	
	Total Number of Hours	40	

Course Coordinator

HOD
CSIT Durg

Head of Department
Computer Science & Engineering
CSIT DURG

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List of Enrolled Students

Program Coordinator: Mr. Deepak Sharma

Academic Year : 2022-23

Program Name : Course on "Artificial Intelligence (Advance) "

S.No.	Enrollment No.	Students Name	Department	Year
1	BH3427	AAKANSHA LAL NETAM	Computer Science and Engineering	4th
2	BH3428	ABDUL RAHMAN	Computer Science and Engineering	4th
3	BH3430	ADITI YADAV	Computer Science and Engineering	4th
4	BH3431	AFROZ ANSARI	Computer Science and Engineering	4th
5	BH3432	AKASH AGRAWAL	Computer Science and Engineering	4th
6	BH3433	AKASH SHRIVASTAV	Computer Science and Engineering	4th
7	BH3434	AMAN SAHOO	Computer Science and Engineering	4th
8	BH3435	ANCHAL SINGH BAGHEL	Computer Science and Engineering	4th
9	BH3436	ANKIT KUMAR	Computer Science and Engineering	4th
10	BH3437	ANKIT NAYAK	Computer Science and Engineering	4th
11	BH3438	ASHTIK KUMAR PRAJAPATI	Computer Science and Engineering	4th

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12	BH3439	AYUSH CHANDRA	Computer Science and Engineering	4th
13	BH3441	AYUSH YADAV	Computer Science and Engineering	4th
14	BH3442	BHOOMIKA SAHU	Computer Science and Engineering	4th
15	BH3443	CHANDAN DHRUV	Computer Science and Engineering	4th
16	BH3444	D KRISHANU PRABHU	Computer Science and Engineering	4th
17	BH3445	DAYANIDHI SAHU	Computer Science and Engineering	4th
18	BH3446	DHALENDRA KUMAR MESHRAM	Computer Science and Engineering	4th
19	BH3448	GAGAN SHUKTEL	Computer Science and Engineering	4th
20	BH3449	GITESH KUMAR	Computer Science and Engineering	4th
21	BH3450	GUNJAN VERMA	Computer Science and Engineering	4th
22	BH3451	HARSH KUMAR DESHMUKH	Computer Science and Engineering	4th
23	BH3452	HEMLATA VERMA	Computer Science and Engineering	4th
24	BH3453	HITESH	Computer Science and Engineering	4th
25	BH3454	KAVITA	Computer Science and Engineering	4th

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26	BH3455	KEHKASA ANJUM	Computer Science and Engineering	4th
27	BH3456	LUCKY SAHU	Computer Science and Engineering	4th
28	BH3457	MVS VARUN	Computer Science and Engineering	4th
29	BH3458	NAMAN KHANDELWAL	Computer Science and Engineering	4th
30	BH3459	NIKHIL LILWANI	Computer Science and Engineering	4th
31	BH3460	P HARSHIT KUMAR	Computer Science and Engineering	4th
32	BH3461	PRAVEEN VERMA	Computer Science and Engineering	4th
33	BH3462	PREYASH KUMAR	Computer Science and Engineering	4th
34	BH3463	PRITI KUNDU	Computer Science and Engineering	4th
35	BH3464	RAKSHA SHARMA	Computer Science and Engineering	4th
36	BH3465	RISHABH SHRIVASTAVA	Computer Science and Engineering	4th
37	BH3466	ROHIT SHRIVASTAVA	Computer Science and Engineering	4th
38	BH3467	SANJANA GOVINDANI	Computer Science and Engineering	4th
39	BH3468	SHRIYA THAKUR	Computer Science and Engineering	4th
40	BH3469	SHUBHI SINGH	Computer Science and	4th

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			Engineering	
41	BH3471	TUSHAR YADAV	Computer Science and Engineering	4th
42	BH3472	VAIBHAV SULE	Computer Science and Engineering	4th
43	BH3473	VEDANK PACHKAWADE	Computer Science and Engineering	4th
44	BH3474	VEENA SAHU	Computer Science and Engineering	4th
45	BH3475	VINI NAYAK	Computer Science and Engineering	4th
46	BH3476	YOGESH CHANDRAKAR	Computer Science and Engineering	4th
47	BH2038	VIDHI SAWAI	Computer Science and Engineering	4th
48	BH4098	R TUSHAR	Computer Science and Engineering	4th
49	BJ0037	AMRITA PANDEY	Computer Science and Engineering	4th
50	BD0312	KOSTA AADHIPRITHVISRI DEWANGAN	Computer Science and Engineering	4th

Course Coordinator

HOD
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Head of Department
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Program Name : Course on "Artificial Intelligence (Advance) "

Attendance sheet

S. No.	Enrollment No.	Name of Students	Date								
			01-02-23	02-02-23	03-02-23	04-02-23	06-02-23	07-02-23	08-02-23	09-02-23	10-02-23
1	BH3427	AAKANSHA LAL NETAM	Aakansha	Aakansha	Aakansha	Aakansha	Aakansha	Aakansha	Aakansha	Aakansha	Aakansha
2	BH3428	ABDUL RAHMAN	Rahman	Rahman	Rahman	Rahman	Rahman	Rahman	Rahman	Rahman	Rahman
3	BH3430	ADITI YADAV	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
4	BH3431	AFROZ ANSARI	Afroz	Afroz	Afroz	Afroz	Afroz	Afroz	Afroz	Afroz	Afroz
5	BH3432	AKASH AGRAWAL	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
6	BH3433	AKASH SHRIVASTAV	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
7	BH3434	AMAN SAHOO	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman
8	BH3435	ANCHAL SINGH BAGHEL	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal	Anchal
9	BH3436	ANKIT KUMAR	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
10	BH3437	ANKIT NAYAK	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
11	BH3438	ASHTIK KUMAR PRAJAPATI	dk	dk	dk	dk	dk	dk	dk	dk	dk
12	BH3439	AYUSH CHANDRA	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
13	BH3441	AYUSH YADAV	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
14	BH3442	BHOOMIKA SAHU	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika
15	BH3443	CHANDAN DHRUV	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan	Chandan
16	BH3444	D KRISHANU PRABHU	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
17	BH3445	DAYANIDHI SAHU	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi	Dayanidhi
18	BH3446	DHALENDRA KUMAR MESHRAM	Dhalendra	Dhalendra	Dhalendra	Dhalendra	Dhalendra	Dhalendra	Dhalendra	Dhalendra	Dhalendra
19	BH3448	GAGAN SHUKTEL	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan
20	BH3449	GITESH KUMAR	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh	Gitesh
21	BH3450	GUNJAN VERMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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24	BH3453	HITESH	Hitesh	Hitesh	Hitesh	Hitesh	Hitesh	Hitesh	Hitesh	Hitesh	Hitesh
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29	BH3458	NAMAN KHANDELWAL	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman
30	BH3459	NIKHIL LILWANI	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
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33	BH3462	PREYASH KUMAR	Preyash	Preyash	Preyash	Preyash	Preyash	Preyash	Preyash	Preyash	Preyash
34	BH3463	PRITI KUNDU	Priti	Priti	Priti	Priti	Priti	Priti	Priti	Priti	Priti
35	BH3464	RAKSHA SHARMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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37	BH3466	ROHIT SHRIVASTAVA	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
38	BH3467	SANJANA GOVINDANI	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
39	BH3468	SHRIYA THAKUR	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya
40	BH3469	SHUBHI SINGH	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi
41	BH3471	TUSHAR YADAV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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43	BH3473	VEDANK PACHKAWADE	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank	Vedank
44	BH3474	VEENA SAHU	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena
45	BH3475	VINI NAYAK	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini	Vini
46	BH3476	YOGESH CHANDRAKAR	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
47	BH2038	VIDHI SAWAI	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi
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Course Coordinator

HOD
CSIT Durg
Computer Science & Engineering
CSIT DURG

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Report
Academic Year 2022-23

1.	Title of the Program	Course on "Artificial Intelligence (Advance)"
2.	Year /Department	4th
3.	Faculty In-Charge	Mr. Deepak Sharma
4.	Number of Hours	40 Hours
5.	Duration	09 days
6.	Venue	Lab. 10
7.	Course Objectives	1. Apply advanced AI algorithms and models to solve complex problems in various domains, such as healthcare, finance, and autonomous vehicles. 2. Develop and deploy advanced AI systems using popular AI frameworks and tools, such as TensorFlow, PyTorch, and Scikit-learn. 3. Evaluate the performance of AI systems through metrics such as accuracy, precision, recall, and F1 score. 4. Explore cutting-edge research in AI, including reinforcement learning, generative adversarial networks, and explainable AI. 5. Collaborate with team members to design and implement AI solutions that meet specific project requirements and constraints.
8.	Course Outcome	The students will be able to 1. Understand advanced concepts of artificial intelligence such as deep learning, neural networks, natural language processing, and reinforcement learning. 2. Apply advanced artificial intelligence techniques to solve complex problems in various industries such as healthcare, finance, and autonomous vehicles. 3. Analyze and evaluate the performance of advanced AI models using metrics such as accuracy, precision, recall, and F1 score. 4. Develop and deploy advanced AI models in real-world applications using programming languages such as Python and TensorFlow. 5. Implement cutting-edge research in the field of artificial intelligence to stay up-to-date with the latest trends and

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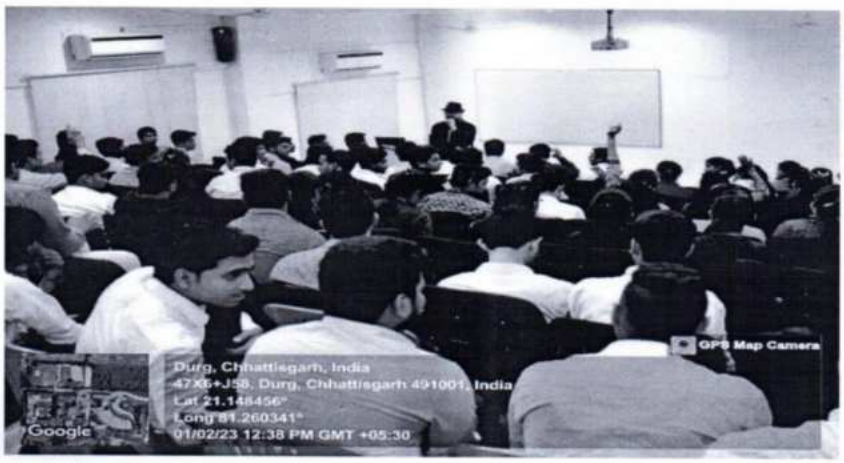
		advancements.

Photograph



Mr. MahendraDatta addressing the students of 4th year on Artificial Intelligence (Advance) at Lab. 10 CSIT Durg on Dated 01/02/2023.

Course Coordinator

HOD
CSIT Department
Computers Science & Engineering
CSIT, DURG

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CHHATRAPATI SHIVAJI INSTITUTE OF TECHNOLOGY, DURG

Program Name: Course on "Artificial Intelligence (Advance)"

Test series

1. What is the primary goal of advanced Artificial Intelligence?
(a) To perform tasks that typically require human intelligence
(b) To replace human intelligence completely
(c) To predict the future accurately
(d) To simulate human emotions

2. Which of the following is not a subfield of advanced Artificial Intelligence?
a) Machine Learning
b) Natural Language Processing
c) Robotics
d) Neurology

3. Which type of machine learning algorithm is typically used for advanced AI applications?
a) Supervised learning
b) Unsupervised learning
c) Reinforcement learning
d) All of the above

4. What is the main difference between traditional AI and advanced AI?
a) Traditional AI focuses on simulating human intelligence, while advanced AI focuses on surpassing human intelligence
b) Traditional AI uses rule-based systems, while advanced AI uses neural networks
c) Traditional AI is deterministic, while advanced AI is probabilistic
d) There is no difference between the two

5. Which of the following is an example of advanced AI technology?
a) Siri
b) Chess-playing programs
c) Deepfake technology
d) Spell checkers

6. Which of the following is true about advanced AI ethics?
a) Advanced AI systems are always ethical because they are programmed by humans
b) Advanced AI ethics are still a developing field with many challenges and concerns
c) Only advanced AI researchers need to be concerned with ethics
d) Advanced AI ethics do not matter as long as the technology works

7. Which of the following is a potential risk associated with advanced AI?
a) Increased productivity and efficiency

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b) Unemployment due to automation
c) Enhanced security and privacy
d) Improved healthcare outcomes

8. Which company is known for developing advanced AI technology such as self-driving cars?
a) Google
b) Apple
c) Microsoft
d) Amazon

9. What is the Turing Test used for in the context of advanced AI?
a) To evaluate a machine's ability to exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human
b) To test a machine's ability to predict future events accurately
c) To measure a machine's processing speed
d) To assess a machine's emotional intelligence

10. Which of the following is an example of a cutting-edge AI application?
a) Virtual assistants like Alexa and Google Assistant
b) Automated customer service chatbots
c) Self-driving cars
d) All of the above

11. What is the primary purpose of reinforcement learning in advanced AI?
a) To enable machines to learn and make decisions on their own through trial and error
b) To strictly follow pre-defined rules and algorithms
c) To replicate human cognitive processes
d) To analyze large datasets and identify patterns

12. Which of the following is a potential limitation of advanced AI technology?
a) Limited scalability
b) Lack of creativity
c) Unpredictable behavior
d) All of the above

13. What is the role of neural networks in advanced AI?
a) To process images and speech recognition
b) To analyze big data sets
c) To simulate human decision-making
d) All of the above

14. Which of the following is a key advantage of advanced AI over traditional AI?
a) Faster processing speed
b) Greater adaptability and flexibility
c) Lower cost
d) Better data analysis capabilities

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15. Which of the following technologies is not typically associated with advanced AI?
a) Machine vision
b) Natural language processing
c) Blockchain
d) Robotics

16. Which of the following best describes the concept of transfer learning in advanced AI?
a) The ability of a machine learning model to apply knowledge gained from one task to solve a different, but related, task
b) The process of transferring data between different AI systems
c) The ability of AI systems to learn from scratch without any prior knowledge
d) The process of transferring human intelligence to machines

17. Which of the following is a common criticism of advanced AI technology?
a) It is too expensive to implement
b) It lacks transparency and accountability
c) It is too complex for non-experts to understand
d) It is not capable of performing tasks that humans can

18. What is the significance of explainable AI in advanced AI systems?
a) It enables users to understand how AI systems arrive at their decisions and recommendations
b) It provides a way to control AI systems remotely
c) It allows AI systems to explain complex concepts to humans
d) It ensures that AI systems are always correct in their predictions

19. Which of the following industries is most likely to benefit from advanced AI technology in the future?
a) Healthcare
b) Retail
c) Education
d) Agriculture

20. What is the role of big data in enabling advanced AI applications?
a) Big data is not important for advanced AI
b) Big data provides the necessary inputs for training AI models
c) Big data is only used for storing AI algorithms
d) Big data ensures that AI systems always make the right decisions

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Program Name: Course on "Artificial Intelligence (Advance)"

Evaluation Sheet

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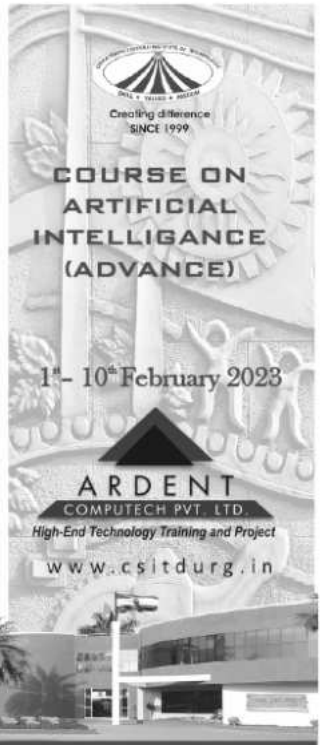
Certificate of Participation

This is to Certify that Mr. / Ms. ***AFROZ ANSARI*** of ***Computer Science and Engineering Department***, of ***4th Year*** has participated in the **Course on Artificial Intelligence [Advance]** from **01/02/2023 to 10/02/2023** Organised by Chhatrapati Shivaji Institute of Technology, Durg.

Trainer
Ardent Computech,
Kolkata

Director
Dr. Santosh Kumar Sharma



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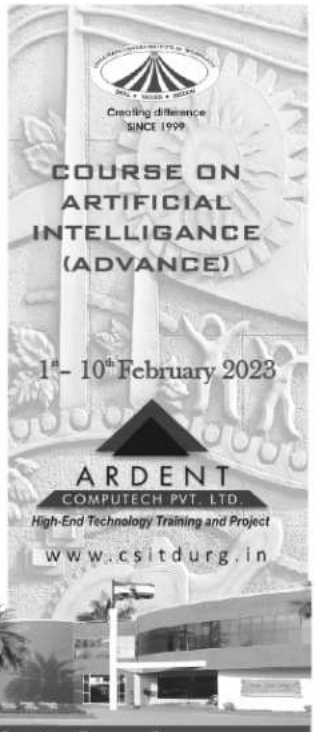
Certificate of Participation

This is to Certify that Mr. / Ms. *AMAN SAHOO* of *Computer Science and Engineering Department*, of *4th Year* has participated in the **Course on Artificial Intelligence [Advance]** from **01/02/2023 to 10/02/2023** Organised by Chhatrapati Shivaji Institute of Technology, Durg.

Trainer
Ardent Computech,
Kolkata

Director
Dr. Santosh Kumar Sharma



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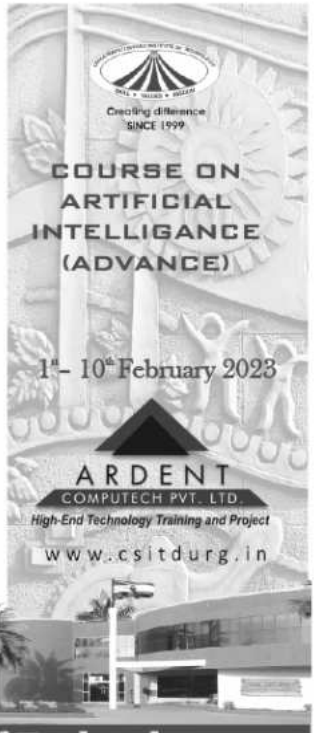
Trainer
Ardent Computech,
Kolkata

Director
Dr. Santosh Kumar Sharma



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Mahendra Dutta

Trainer
Ardent Computech,
Kolkata

Director
Dr. Santosh Kumar Sharma

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Approved by: AICTE, New Delhi | Affiliated to CSVTU, Bhilai

Program Name: Course on "Artificial Intelligence (Advance)"

Test series

Name of student: Aman Sao ..... **Branch:** CSE .... **Enrollment No:** CH3434

1. What is the primary goal of advanced Artificial Intelligence?
(a) To perform tasks that typically require human intelligence
(b) To replace human intelligence completely
(c) To predict the future accurately
(d) To simulate human emotions

2. Which of the following is not a subfield of advanced Artificial Intelligence?
a) Machine Learning
b) Natural Language Processing
c) Robotics
d) Neurology

3. Which type of machine learning algorithm is typically used for advanced AI applications?
a) Supervised learning
b) Unsupervised learning
c) Reinforcement learning
d) All of the above

4. What is the main difference between traditional AI and advanced AI?
a) Traditional AI focuses on simulating human intelligence, while advanced AI focuses on surpassing human intelligence
b) Traditional AI uses rule-based systems, while advanced AI uses neural networks
c) Traditional AI is deterministic, while advanced AI is probabilistic
d) There is no difference between the two

5. Which of the following is an example of advanced AI technology?
a) Siri
b) Chess-playing programs
c) Deepfake technology
d) Spell checkers

6. Which of the following is true about advanced AI ethics?
a) Advanced AI systems are always ethical because they are programmed by humans
b) Advanced AI ethics are still a developing field with many challenges and concerns
c) Only advanced AI researchers need to be concerned with ethics
d) Advanced AI ethics do not matter as long as the technology works

7. Which of the following is a potential risk associated with advanced AI?
a) Increased productivity and efficiency
b) Unemployment due to automation
c) Enhanced security and privacy
d) Improved healthcare outcomes

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8. Which company is known for developing advanced AI technology such as self-driving cars?
a) Google
b) Apple
c) Microsoft
d) Amazon

9. What is the Turing Test used for in the context of advanced AI?
a) To evaluate a machine's ability to exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human
b) To test a machine's ability to predict future events accurately
c) To measure a machine's processing speed
d) To assess a machine's emotional intelligence

10. Which of the following is an example of a cutting-edge AI application?
a) Virtual assistants like Alexa and Google Assistant
b) Automated customer service chatbots
c) Self-driving cars
d) All of the above

11. What is the primary purpose of reinforcement learning in advanced AI?
a) To enable machines to learn and make decisions on their own through trial and error
b) To strictly follow pre-defined rules and algorithms
c) To replicate human cognitive processes
d) To analyze large datasets and identify patterns

12. Which of the following is a potential limitation of advanced AI technology?
a) Limited scalability
b) Lack of creativity
c) Unpredictable behavior
d) All of the above

13. What is the role of neural networks in advanced AI?
a) To process images and speech recognition
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14. Which of the following is a key advantage of advanced AI over traditional AI?
a) Faster processing speed
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d) Better data analysis capabilities

15. Which of the following technologies is not typically associated with advanced AI?
a) Machine vision
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16. Which of the following best describes the concept of transfer learning in advanced AI?
a) The ability of a machine learning model to apply knowledge gained from one task to solve a different, but related, task
b) The process of transferring data between different AI systems
c) The ability of AI systems to learn from scratch without any prior knowledge
d) The process of transferring human intelligence to machines

17. Which of the following is a common criticism of advanced AI technology?
a) It is too expensive to implement
b) It lacks transparency and accountability
c) It is too complex for non-experts to understand
d) It is not capable of performing tasks that humans can

18. What is the significance of explainable AI in advanced AI systems?
a) It enables users to understand how AI systems arrive at their decisions and recommendations
b) It provides a way to control AI systems remotely
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19. Which of the following industries is most likely to benefit from advanced AI technology in the future?
a) Healthcare
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20. What is the role of big data in enabling advanced AI applications?
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Obtained Marks: 19/20 Signature of Faculty

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Chhatrapati Shivaji Institute of Technology

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Program Name: Course on "Artificial Intelligence (Advance)"

Test series

Name of student: Afroz Ansbaari **Branch:** C.S.E **Enrollment No** B.tl...20431

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Obtained Marks:....17/20..... Signature of Faculty.....

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VAC/2022-23/05

ANDROID ADVANCE COURSE

BY

ARDENT TECHNOLOGIES, KOLKATA

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Certificate Course on "ANDROID ADVANCE COURSE"

Year	Certificate Course	Schedule	Duration	Organization	Venue	Resource Person
B. Tech. 2nd and 3rd year	Course On Android Advance Course	04/05/ 2023 to 15/05/ 2023	40 Hours	CSIT,DURG	Lab 10	Mr. Mahendra Datta

Course Coordinator

Head of Department
Computers Science & Engineering
CSIT, DURG

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CSIT/ VAC/2022-23/05

Date – 21/04/2023

Permission Letter

To,
The Director,
CSIT Durg.

Sub.: Permission to conduct the Course on "Android Advance Course"

Respected Sir,

We have planned to conduct Value Added Course on title "Android Advance Course" for 2nd and 3rd years students. Details are given below:

Title of Program: Course on "Android Advance Course"
Resource Person: Mr. Mahendra Datta

Date: 04/05/2023 to 15/05/2023

So kindly give us permission to conduct the program and to utilize the Lab. 10.

Thankyou,

Approved/Not-Approved

Course Coordinator

Director
CSIT Durg

Director
Chhatrapati Shivaji Institute
of Technology Durg

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CSIT/ VAC/2022-23/05-A

Date – 25/04/2023

Circular

Ref: CSIT/ VAC/2022-23/05

The schedule for the Certificate Course on "Android Advance Course" for **B. Tech IInd and IIIrd year** students is detailed below. Respective coordinators are requested to verify any discrepancies in the schedule and bring them to the notice of the Course Coordinator. They are also requested to make necessary arrangements to execute the Certificate Course sessions as per the plan.

The respective in-charges are also requested to inform the Certificate Course plan to the respective students and ensure that all students attend without fail.

Year	Certificate Course	Faculty In-Charge	Date	Venue
B. Tech IInd and IIIrd year	Course on "Android Advance Course"	Mr. Deepak Sharma	04/05/2023 to 15/05/2023	Lab. 10

Time – 10:00 AM to 3:00 PM

Course Coordinator

HOD
CSIT Durg

Computer Science & Engineering
CSIT DURG

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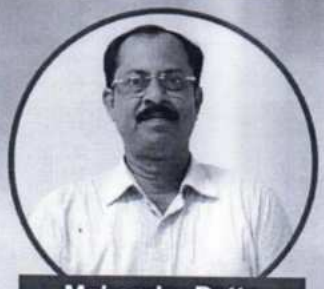

Mahendra Datta
Ardent Computech Pvt. Ltd.
Kolkata

WORKSHOP ON ANDROID ADVANCE COURSE

For 2ND & 3RD Year Students
[CSE / IT / AI&DS]

DATE
04 - 15 MAY 2023

TIME
09.00 AM - 06:00 PM

Organized By:

Chhatrapati Shivaji Institute of Technology

AICTE, New Delhi | CSVTU, Bhilai

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Certificate Course Contents & Schedule

Academic Year: 2022-23

Name of the Course: Course on "Android Advance Course"

Program Code: VAC/2022-23/05

Resource Person: Mr. Mahendra Datta

Program Duration (From – To) : 04/05/2023 to 15/05/2023

Total Hours: 40 Hours

S.No.	Topic to be Covered	Hrs.	Date of Delivery
1	**Module 1:** • Introduction to Advanced Android Development • Overview of Android Studio • Advanced UI Components and Custom Views	4	04/05/2023 to 15/05/2023
2	**Module 2:** • Advanced Layouts and Material Design Guidelines • Performance Optimization Techniques	4	
3	**Module 3:** • Data Persistence and Networking • SQLite Databases and Content Providers • Room Database and LiveData	4	
4	**Module 4:** • Retrofit and Networking Libraries • Background Processing and Services	4	
5	**Module 5:** • Advanced Functionalities and Integrations • Firebase Integration for Real-Time Database and Authentication • Push Notifications and Cloud Messaging • Google Maps API Integration • Camera and Media API	4	

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6	**Module 6:** • Security and App Distribution • Security Best Practices • App Signing and Play Store Deployment	4	
7	**Module 7:** • Crash Reporting and Analytics Integration • In-App Purchases and Subscription Models	4	
8	**Module 8:** • Advanced Topics and Latest trends • Kotlin Coroutines and Reactive Programming • Dependency Injection with Dagger	4	
9	**Module 9:** • Testing and Debugging Strategies • Introduction to Jetpack Compose • Capstone Project and Portfolio Development	4	
10	**Module 10:** • Work on a real-world project implementing all the concepts learned • Present and showcase the project to peers and instructors • Build a portfolio showcasing completed projects and skills	4	
Total Number of Hours		40	

Course Coordinator

HOD
CSIT Durg

Computers Science & Engineering
CSIT DURG

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List of Enrolled Students

Program Coordinator: Mr. Deepak Sharma

Academic Year : 2022-23

Program Name : Course on "Android Advance Course"

S.No.	Enrollment No.	Students Name	Department	Year
1	CA7100	DEEPAK VERMA	Artificial Intelligence and Data Science	2nd
2	CA7101	SHRUTI KATAKWAR	Artificial Intelligence and Data Science	2nd
3	CA7102	SHIVAM SONI	Artificial Intelligence and Data Science	2nd
4	CA7103	DIVYA SONI	Artificial Intelligence and Data Science	2nd
5	CA7095	KEMESHWAR KUMAR	Information Technology	2nd
6	CA7094	ANIKET SAHU	Information Technology	2nd
7	CA7081	LOKESH DHANKAR	Computer Science and Engineering	2nd
8	CA7080	DIVYANSH DHANKAR	Computer Science and Engineering	2nd
9	CA7082	ABHIMANYU SHARMA	Computer Science and Engineering	2nd
10	CA7083	GAJENDRA DEWANGAN	Computer Science and Engineering	2nd
11	CA7088	CHANDRA SHEKHAR SAHU	Computer Science and Engineering	2nd
12	CA7085	ARYAN VERMA	Computer Science and Engineering	2nd
13	CA7090	SHASHANK KUMAR SHRIVASTAVA	Computer Science and Engineering	2nd
14	CA7089	SAURABH DEWANGAN	Computer Science and Engineering	2nd
15	CA7070	TARUN KUMAR RAO	Computer Science and Engineering	2nd
16	CA7087	GAURAV CHANDAN	Computer Science and Engineering	2nd
17	CA7086	AYUSH MISHRA	Computer Science and Engineering	2nd
18	CA7084	NAYAK SWASTIK GOPAL	Computer Science and Engineering	2nd
19	BJ7165	JEET DEWANGAN	Computer Science and Engineering	3rd
20	BJ7166	CHANDRA KUMAR SAHU	Computer Science and Engineering	3rd
21	BJ7167	ARYAN PAWAR	Computer Science and Engineering	3rd

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21	BJ7167	ARYAN PAWAR	Computer Science and Engineering	3rd
22	BJ7168	LAKSHIT CHANDRAKAR	Computer Science and Engineering	3rd
23	BJ7169	PEDDINTI KUSHAL KUMAR	Computer Science and Engineering	3rd
24	BJ7171	MD RUMMAN RAZA KHAN	Computer Science and Engineering	3rd
25	BJ7172	HARSHVARDHAN PIPARIYA	Computer Science and Engineering	3rd
26	BJ7173	MRINAL MADARIA	Computer Science and Engineering	3rd
27	BJ7174	HARSH KUMAR PUROHIT	Computer Science and Engineering	3rd
28	BJ7177	ABHIGYAT SAHU	Computer Science and Engineering	3rd
29	BJ7179	JITENDRA NAHAK	Computer Science and Engineering	3rd
30	BJ7180	PREKSHA DESHMUKH	Computer Science and Engineering	3rd
31	BJ7181	MOHAMMAD SHEESH	Computer Science and Engineering	3rd
32	BJ7182	ADITYA DEWANGAN	Computer Science and Engineering	3rd
33	BJ7183	DEWANSH YADAV	Computer Science and Engineering	3rd
34	BJ7184	RAKSHIT YADAV	Computer Science and Engineering	3rd
35	BJ7185	MAYANK SAHU	Computer Science and Engineering	3rd

Course Coordinator

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PrProgram Name : Course on "Android Advance Course"

Attendance sheet

S. No.	Enrollment No.	Name of Students	04. 05. 23	05. 05. 23	06. 05. 23	08. 05. 23	09. 05. 23	10. 05. 23	11. 05. 23	12. 05. 23	13. 05. 23	15. 05. 23
1	CA7100	DEEPAK VERMA										
2	CA7101	SHRUTI KATAKWAR	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
3	CA7102	SHIVAM SONI	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
4	CA7103	DIVYA SONI	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
5	CA7095	KEMESHWAR KUMAR	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar
6	CA7094	ANIKET SAHU	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket
7	CA7081	LOKESH DHANKAR	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh
8	CA7050	DIVYANSH DHANKAR	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh
9	CA7082	ABHIMANYU SHARMA	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi
10	CA7083	GAJENDRA DEWANGAN	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra.
11	CA7088	CHANDRA SHEKHAR SAHU	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra
12	CA7085	ARYAN VERMA	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV
13	CA7090	SHASHANK KUMAR SHRIVASTAVA	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
14	CA7089	SAURABH DEWANGAN	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh
15	CA7070	TARUN KUMAR RAO	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun
16	CA7087	GAURAV CHANDAN	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
17	CA7086	AYUSH MISHRA	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
18	CA7084	NAYAK SWASTIK GOPAL	Nayak	Nayak	Nayak	Nayak	Nayak	Nayak	Nayak	Nayak	Nayak	Nayak
19	BJ7165	JEET DEWANGAN	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet	Jeet
20	BJ7166	CHANDRA KUMAR SAHU	Sahu	Sahu	Sahu	Sahu	Sahu	Sahu	Sahu	Sahu	Sahu	Sahu
21	BJ7167	ARYAN PAWAR	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan	Aryan

Attendance sheet

S. No.	Enrollment No.	Name of Students	04. 05. 23	05. 05. 23	06. 05. 23	08. 05. 23	09. 05. 23	10. 05. 23	11. 05. 23	12. 05. 23	13. 05. 23	15. 05. 23
22	BJ7168	LAKSHIT CHANDRAKAR										
23	BJ7169	PEDDINTI KUSHAL KUMAR										
24	BJ7171	MD RUMMAN RAZA KHAN	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD
25	BJ7172	HARSHVARDHAN PIPARIYA	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
26	BJ7173	MRINAL MADARIA	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal	Mrinal
27	BJ7174	HARSH KUMAR PUROHIT	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
28	BJ7177	ABHIGYAT SAHU	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi
29	BJ7179	JITENDRA NAHAK										
30	BJ7180	PREKSHA DESHMUKH	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha	Preksha
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32	BJ7182	ADITYA DEWANGAN	A	A	A	A	A	A	A	A	A	A
33	BJ7183	DEWANSH YADAV	Dewansh	Dewansh	Dewansh	Dewansh	Dewansh	Dewansh	Dewansh	Dewansh	Dewansh	Dewansh
34	BJ7184	RAKSHIT YADAV	R.Y	R.Y	R.Y	R.Y	R.Y	R.Y	R.Y	R.Y	R.Y	R.Y
35	BJ7185	MAYANK SAHU	mayank	mayank	mayank	mayank	mayank	mayank	mayank	mayank	mayank	mayank

Course Coordinator

HOD
Head of CSIT Durg
Computer Science & Engineering
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Report
Academic Year 2022-23

1.	Title of the Program	Course on "Android Advance Course"
2.	Year /Department	2nd and 3rd
3.	Faculty In-Charge	Mr. Deepak Sharma
4.	Number of Hours	40 Hours
5.	Duration	10 days
6.	Venue	Lab. 10
7.	Course Objectives	1. Understand the advanced concepts of Android development. 2. Learn how to implement complex UI designs and animations in Android applications. 3. Explore advanced topics such as background processing, networking, and database operations. 4. Gain knowledge of integrating cloud services and APIs in Android apps. 5. Familiarize with testing and debugging techniques for Android applications. 6. Develop expertise in optimizing app performance and battery consumption.
8.	Course Outcome	The students will be able to 1. Develop custom user interfaces using XML layouts and views. 2. Utilize SQLite to integrate a local database into an Android application. 3. Implement networking and web services using APIs and libraries. 4. Integrate Google Maps and location functionality into an Android application. 5. Implement background processing and services for improved performance. 6. Utilize Firebase for real-time database integration and cloud messaging.

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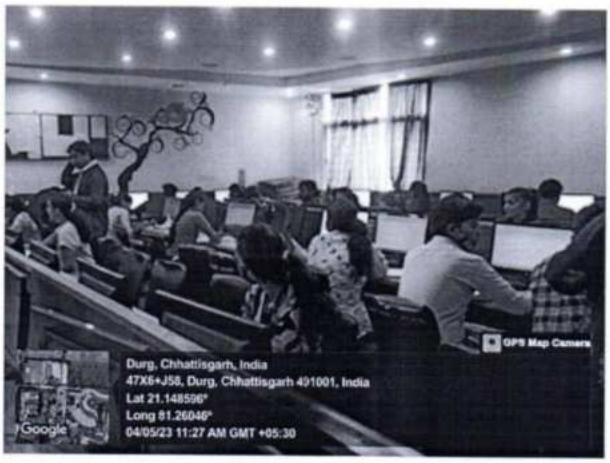

Mr. Mahendra Datta addressing the students of 2nd and 3rd year on **Artificial Intelligence (Advance)** at Lab. 10 CSIT Durg on Dated 04/05/2023.

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CHHATRAPATI SHIVAJI INSTITUTE OF TECHNOLOGY,DURG

Program Name: Course on "Android Advance Course"

Test series

1. What is the maximum number of activities that can be in a task in Android?
A) 256
B) 128
C) 64
D) Unlimited

2. Which component is responsible for handling background events?
A) Service
B) Content Provider
C) Broadcast Receiver
D) Activity

3. Which file is used to define the build version of an Android application?
A) AndroidManifest.xml
B) build.gradle
C) res/values/strings.xml
D) MainActivity.java

4. What is the name of the build tool that Android Studio uses to build an APK?
A) Gradle
B) Maven
C) Ant
D) Make

5. Which layout is best suited for placing UI elements in a grid-like fashion?
A) FrameLayout
B) LinearLayout
C) RelativeLayout
D) GridLayout

6. Which method is called when a user clicks on a button in Android?
A) onClickListener()
B) onButtonClick()
C) onClick()
D) buttonClicked()

7. What is the role of the Intent object in Android?
A) To call a method in another application
B) To pass data between components
C) To display a notification message
D) To start a background service

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8. Which permission is required to access the internet in an Android application?
A) ACCESS_WIFI_STATE
B) INTERNET
C) ACCESS_NETWORK_STATE
D) ACCESS_FINE_LOCATION

9. Which method is called to retrieve the data from a content provider in Android?
A) getContent()
B) query()
C) retrieveData()
D) fetchData()

10. Which of the following is not a valid format for defining colors in an XML layout file in Android?
A) #RRGGBB
B) #AARRGGBB
C) @android:color/colorName
D) rgb(red, green, blue)

11. Which class is used to manage the lifecycle of an Android application?
A) ActivityManager
B) ApplicationManager
C) Application
D) Activity

12. Which method is used to retrieve a reference to a View in an Android activity?
A) findView()
B) getView()
C) findViewById()
D) getViewById()

13. Which folder is used to store layouts in an Android application?
A) res/drawable
B) res/layout
C) res/values
D) res/menu

14. What is the correct way to close an activity in Android?
A) finish()
B) close()
C) exit()
D) remove()

15. Which class is used to define the data for a ListView in Android?
A) ArrayAdapter
B) RecyclerView

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C) ListViewAdapter
D) ListAdapter

16. Which method is called when an activity is destroyed in Android?
A) onTerminate()
B) onDestroy()
C) onStop()
D) onResume()

17. Which attribute is used to define the background color of a View in an XML layout file?
A) background-color
B) color
C) background
D) backgroundColor

18. Which of the following is not a valid type of animation in Android?
A) Translate
B) Scale
C) Rotate
D) Fade

19. What is the purpose of the AsyncTask class in Android?
A) To perform background tasks on the main thread
B) To perform network operations on a separate thread
C) To handle UI events
D) To interact with content providers

20. What is the purpose of the ViewHolder pattern in Android?
A) To improve the performance of ListView
B) To handle touch events on Views
C) To store data in a content provider
D) To manage the lifecycle of an activity

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Chhatrapati Shivaji Institute of Technology

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Program Name: Course on "Android Advance Course"

Evaluation Sheet

S.No.	Enrollment No.	Students Name	Marks obtain
1	CA7100	DEEPAK VERMA	17
2	CA7101	SHRUTI KATAKWAR	14
3	CA7102	SHIVAM SONI	11
4	CA7103	DIVYA SONI	12
5	CA7095	KEMESHWAR KUMAR	15
6	CA7094	ANIKET SAHU	18
7	CA7081	LOKESH DHANKAR	13
8	CA7080	DIVYANSH DHANKAR	16
9	CA7082	ABHIMANYU SHARMA	19
10	CA7083	GAJENDRA DEWANGAN	11
11	CA7088	CHANDRA SHEKHAR SAHU	12
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13	CA7090	SHASHANK KUMAR SHRIVASTAVA	15
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15	CA7070	TARUN KUMAR RAO	18
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22	BJ7168	LAKSHIT CHANDRAKAR	15

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26	BJ7173	MRINAL MADARIA	17
27	BJ7174	HARSH KUMAR PUROHIT	12
28	BJ7177	ABHIGYAT SAHU	18
29	BJ7179	JITENDRA NAHAK	16
30	BJ7180	PREKSHA DESHMUKH	14
31	BJ7181	MOHAMMAD SHEESH	11
32	BJ7182	ADITYA DEWANGAN	15
33	BJ7183	DEWANSH YADAV	19
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Mahendra Dutta

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Kolkata

Director
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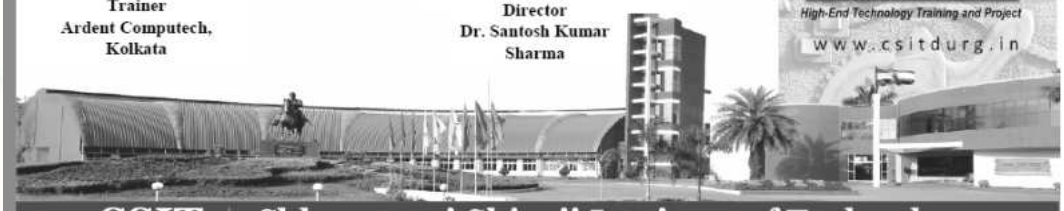

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Mahendra Dutta

Trainer
Ardent Computech,
Kolkata

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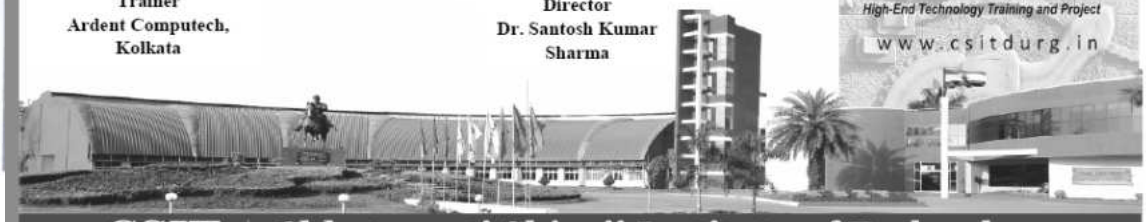

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Program Name: Course on "Android Advance Course"

Test series

Name of student: LOKESH KUMAR **Branch:** CSE **Enrollment No.** CA7081

1. What is the maximum number of activities that can be in a task in Android?
A) 256
B) 128
C) 64
D) Unlimited

2. Which component is responsible for handling background events?
A) Service
B) Content Provider
C) Broadcast Receiver
D) Activity

3. Which file is used to define the build version of an Android application?
A) AndroidManifest.xml
B) build.gradle
C) res/values/strings.xml
D) MainActivity.java

4. What is the name of the build tool that Android Studio uses to build an APK?
A) Gradle
B) Maven
C) Ant
D) Make

5. Which layout is best suited for placing UI elements in a grid-like fashion?
A) FrameLayout
B) LinearLayout
C) RelativeLayout
D) GridLayout

6. Which method is called when a user clicks on a button in Android?
A) onClickListener()
B) onButtonClick()
C) onClick()
D) buttonClicked()

7. What is the role of the Intent object in Android?
A) To call a method in another application
B) To pass data between components
C) To display a notification message
D) To start a background service

8. Which permission is required to access the internet in an Android application?
A) ACCESS_WIFI_STATE
B) INTERNET
C) ACCESS_NETWORK_STATE
D) ACCESS_FINE_LOCATION

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9. Which method is called to retrieve the data from a content provider in Android?
A) getContent()
B) query()
C) retrieveData()
D) fetchData()

10. Which of the following is not a valid format for defining colors in an XML layout file in Android?
A) #RRGGBB
B) #AARRGGBB
C) @android:color/colorName
D) rgb(red, green, blue)

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A) ActivityManager
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C) res/values
D) res/menu

14. What is the correct way to close an activity in Android?
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B) close()
C) exit()
D) remove()

15. Which class is used to define the data for a ListView in Android?
A) ArrayAdapter
B) RecyclerView
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D) ListAdapter

16. Which method is called when an activity is destroyed in Android?
A) onTerminate()
B) onDestroy()
C) onStop()
D) onResume()

17. Which attribute is used to define the background color of a View in an XML layout file?
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18. Which of the following is not a valid type of animation in Android?
A) Translate
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19. What is the purpose of the AsyncTask class in Android?
A) To perform background tasks on the main thread
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B) To handle touch events on Views
C) To store data in a content provider
D) To manage the lifecycle of an activity

Obtained Marks: 13/20 Signature of Faculty

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Program Name: Course on "Android Advance Course"

Test series

Name of student: SHIKAMI SAHU **Branch:** I.T. **Enrollment No.** DA 7102

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