



Khandesh College Education Society's

INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC Accredited 'A' Grade (CGPA 3.17)
NBA Accredited MBA Program

CERTIFICATE COURSE ON ADVANCE EXCEL

DATA ANALYTIC
PIVOT TABLES
DATA LOOKUP
MIS REPORT
MACROS



Course Duration: 30 Hours

Date: 1st March, 2023 to 15th March, 2023

Course Coordinator
Dr. Sandip Ghodke

Director
Dr. Shilpa K. Bendale

Behind D.I.C., N.H.06, Jalgaon (MS) | Tel : 0257 - 2251281

Syllabus

Certificate Course On Advanced Excel

Duration: 30 Hours

Course Description:

Advanced Excel is a comprehensive course that provides a good insight into the latest and advanced features available in Microsoft Excel. This course explains how to use a particular feature, in a step-by-step manner. This Advanced Excel course syllabus is designed for the intermediate excel user who desires to learn more advanced skills. Learn the most advanced formulas, functions, charts and types of financial analysis to be an excel power user.

Course Objectives:

- To understand the importance of Advance Excel in business operation in order to solve complex business calculations.
- To study how this software is enabling business units to carry their work smoothly and efficiently.

Course Outcomes:

On completion of this course, the student will be able to:

- CO1. Handle bulk data easily by using various Advance Excel formulae.
- CO2. Make attractive presentations by using different types of graphical presentations.
- CO3. Can present data systematically and perform calculations quickly which will help to save time.

Course Contents:

1. Conditional Formatting:

Highlight Cells, Top/Bottom Values, Data Bars, Color Scales, Icon Sets, Identify Duplicate Values, New Rules, Using Formulas, Clear Rules, Manage Rules

2. Demonstrating Charts:

Create a Chart, Change Chart Type, Format Chart Title, Format Chart Legend, Format Chart Plot Area, Format Gridlines, Format Axis, Format Chart Area, Format Chart Colors

3. **Sorting & Filtering:**

Sort Data on Single Column & Multiple Columns, Apply a Data Filter, Filter by Selected Cell, Remove a Data Filter

4. **Functions:**

- LOOKUP: VLOOKUP, HLOOKUP
- COUNTIF: COUNT, IF, COUNTIF, COUNTIFS

5. **Demonstrating Sparkline:**

Insert a Sparkline Group, Change Sparkline Type, Change Sparkline Data, Format Sparkline

6. **Pivot Tables:**

Definition, Basic PivotTable Data, Inserting PivotTable

7. **PivotChart:**

Definition, Create a chart from PivotTable

8. **VBA Macros:**

- Introduction
- Creating VBA Macros in MS-Excel

Reference Books

1. Excel 2019 Bible by Michael Alexander, Publisher: Wiley
2. Microsoft Excel 2019 Pivot Table Data Crunching (Business Skills) 1st Edition by Bill Jelen and Michael Alexander, Publisher: Microsoft Press
3. Excel VBA Programming For Dummies, 4th Edition by John Walkenbach, Publisher: John Wiley & Sons



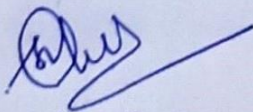
KCES's Institute of Management & Research, Jalgaon

Certificate Course On Advanced Excel

Registration Details

Duration: 1st March, 2023 to 15th March, 2023

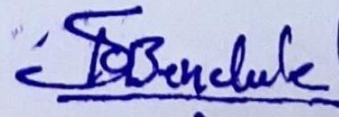
Sl. No.	Student Name
1	Solanki Priyanka Shankar
2	Patil Kunal Premlal
3	Sonawane Harshal Suresh
4	Kolhe Khagesh Pradip
5	Khan Mubashshir
6	Khatik Soyab Gaffar
7	Bhatiya Valmik Jayantilal
8	Bari Tejas Bandu
9	Waghle Neha Pradip
10	Chaudhari Vaibhav Mahadev
11	Bagul Jay Ananta
12	Bari Snehal
13	Khevalkar Jayesh Dipak
14	Mahajan Pratiksha Sanjay
15	Patil Sehdeo Ishwar
16	Bhavsar Premkumar Dattatrey
17	Bhole Diksha Ravindra
18	Jain Rutuja Vinod
19	Chaudhari Lokesh Liladhar
20	Pawar Ghanshyam Narsing
21	Marathe Gunjan Dilip
22	Pansambal Pandurang Ananta
23	Naik Kalpesh Sanjay
24	Jaiswal Harshal Ashok
25	Chaudhari Shivani Tushar
26	Krishnani Vaishali Deepak
27	Varma Prasad Kishor
28	Vyas Priyanka Narsing
29	Khandare Girish Suresh
30	



Course Coordinator
Dr. Sandip Ghodke



Academic Dean
Dr. Tanuja Fegade



Director
Dr. Shilpa Bendale





Certificate Course in Advanced Excel

w. e. f (1-03-2023 to 15-03-2023)

Duration and Class Schedule

- The course is offered for 15 days.
- Duration: 15 days of two hours each from 3pm - 5 pm.
- The classes will be conducted in Lab no: 4.
- Total number of hours is 30 hours.

Eligibility: The participants from MBA course are eligible for admission in this course.

Teaching Faculty: Internal faculty Dr. Sandip Ghodke, Assistant Professor, KCES's IMR, Jalgaon.

Evaluation Procedure:

The course shall have two components of evaluation:

1. CIE of 20 marks.
2. Final Examination of 80 marks, comprising of –
 - a) Practical + Oral Examination: 80 marks.

Final Score for 100 Marks shall be the sum of the continuous evaluation and final examination; and grade shall be as per the grading system below.

Grading System: Based on the student's performance a final letter grade will be awarded at the end of the certificate course. The letter grades and the corresponding grade points are as given in Table

Table: Grades and Grade Points

Sl. No.	Grade	Grade Points	Absolute Marks
1	O (Outstanding)	10	90 and above
2	A+ (Excellent)	9	80 to 89
3	A (Very good)	8	70 to 79
4	B+ (Good)	7	60 to 69
5	B (Above average)	6	50 to 59
6	C (Average)	5	45 to 49
7	P (Pass)	4	40 to 44
8	F (Fail)	0	Less than 40
9	A (Absent)	0	



Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON
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Affiliated to KBC North Maharashtra University, Jalgaon, NAAC Accredited(A-Grade)

COURSE JUSTIFICATION

Course Description:

Advanced Excel is a comprehensive course that provides a good insight into the latest and advanced features available in Microsoft Excel. This course explains how to use a particular feature, in a step-by-step manner. This Advanced Excel course syllabus is designed for the intermediate excel user who desires to learn more advanced skills. Learn the most advanced formulas, functions, charts and types of financial analysis to be an excel power user.

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Course Coordinator

Dr. Sandip Ghodke

Academic Dean

Dr. Tanuja Fegade

Director

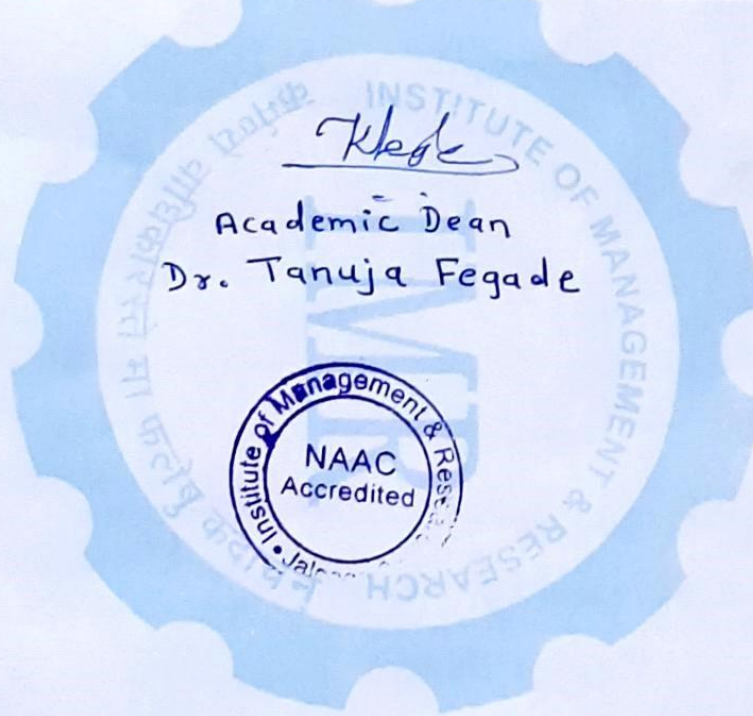
Prof. Shilpa.K.Bendale



24	Harshel Ashok Jaiswal	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel	Harshel
25	Shivani Tushar Chaudhosi	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
26	Vaishali Deepak Krishnani	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris	VKris
27	Prasad Kishor Varma	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
28	Riyanka Narsing Vyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas	RNyas
29	Girish Suresh Khandare	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK	GSK
30																	

[Signature]

Coordinator
Dr. Sandip R. Ghodke



[Signature]

Academic Dean
Dr. Tanuja Fegade

[Signature]

Director
Dr. Shilpa K. Bendale

DIRECTOR
Institute of Management &
Research, Jalgaon-42500



Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC ACCREDITED A-GRADE (CGPA 3.17) | NBA ACCREDITED MBA PROGRAM

ORGANIZED
CERTIFICATE COURSE IN ADVANCED EXCEL

Certificate

This is to certify that Mr./Ms./Mrs. Patel Kunal Premdal

Has successfully completed a 30 hours Certificate Course in Advanced Excel organized by Internal Quality Assurance Cell (IQAC), KCES's Institute of Management and Research, Jalgaon from 1st March to 15th March, 2023.

Dr. Sandip Ghodke
(Course Coordinator)

Dr. Tanuja Fegade
(Coordinator - IQAC)

Prof. Dr. Shilpa K. Bendale
Director



Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC ACCREDITED A-GRADE (CGPA 3.17) | NBA ACCREDITED MBA PROGRAM

ORGANIZED
CERTIFICATE COURSE IN ADVANCED EXCEL

Certificate

This is to certify that Mr./Ms./Mrs. Solenki Priyanka S.

Has successfully completed a 30 hours Certificate Course in Advanced Excel organized by Internal Quality Assurance Cell (IQAC), KCES's Institute of Management and Research, Jalgaon from 1st March to 15th March, 2023.

Dr. Sandip Ghodke
(Course Coordinator)

Dr. Tanuja Fegade
(Coordinator - IQAC)

Prof. Dr. Shilpa K. Bendale
Director



Khandesh College Education Society's
**INSTITUTE OF MANAGEMENT &
RESEARCH, JALGAON**

**CERTIFICATE COURSE IN
ADVERTISING**



Course Duration : 30 Hours

06th Feb. 2023 - 21th Feb. 2023

**Program Coordinator
Mr. Yogesh Patil**

**Director
Dr. Shilpa K. Bendale**

Behind D.I.C., N.H.06, Jalgaon (MS) | Tel : 0257 - 2251281



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Certificate course in Advertising

SYLLABUS


1. Introduction to Communication: Oral & Visual Communication
2. Communication Theory & Research Marketing Communication Research
3. Introduction to Advertising
4. Advertising: Principles, Concepts & Management
5. Creating Advertisements
6. Advertising & Public Relations
7. Principles of Public Relations
8. Media Planning
9. Creativity & Campaign Planning
10. Introduction to Advertising Research
11. Ad Copy Writing
12. Production Techniques & Methods
13. Ad Campaign & Media Planning
14. Digital Public Relations & Corporate Communication
15. Introduction to Consumer Behavior
16. Media, Law & Ethics
17. Advertising Concepts & Visualization

Reference books and Websites:

1. Advertising and Marketing in India - Bhatia. K. Tej - Mc Millan India
2. Making of Advertising - Ghosal Subhash - Mc Millan India
3. Advertising Management – Jeth Waney Jaishri & Jain Shruti - Oxford university Press
4. Publications of Indian Institute of Mass Communications
5. Websites on Advertising


Course Coordinator

Dr. Yogesh Patil


Academic Dean

Dr. Tanuja Fegade


Director

Prof. Shilpa.K.Bendale





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Certificate Course in Advertising

w. e. f (6-02-2023-22-02-2023)

Duration and Class Schedule

- The course is offered for 15 days.
- Duration: 15 days of two hours each from 3pm - 5 pm.
- The classes will be conducted in Room no: 9.
- Total number of hours is 30 hours.

Eligibility: The participants from MBA Iyr course are eligible for admission in this course.

Teaching Faculty: Internal faculty Dr. Yogesh Patil, Assistant Professor, KCES's IMR, Jalgaon.

Evaluation Procedure:

The course shall have two components of evaluation:

1. CIE of 20 marks.
2. Final Examination of 80 marks, comprising of –
 - a) Written Examination: 50 marks.
 - b) Practical / Oral Examination: 30 marks.

Final Score for 100 Marks shall be the sum of the continuous evaluation and final examination; and grade shall be as per the grading system below.

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COURSE JUSTIFICATION


Course Objectives:

There is never a dull moment in the advertising space. You meet new and interesting people, get to work on some of the most existing and happening projects, and even learn new skills without working too hard for it. Consumer culture is rapidly changing with evolving technology. So, the industry is always in need of marketing professionals who know how to adapt to the changes and manage advertising campaigns that connect to the customers. It is here where advertising management courses can prepare you for the competitive marketing industry. Advertising is a field which is a mix of art and science, both of which require special tools and techniques. So, even if you have a naturally creative mind, you still need to know how you can maximize its potential and impact through different advertising tricks. And, only an advertising management course can teach you that. This course will provide a foundation for advanced advertising courses.

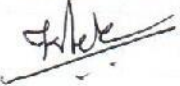
- Understand the concept of Marketing Communication and Advertising
- Recognize social and ethical implications of advertising
- Identify the methods used for market segmentation and audience targeting
- Discuss influences that affect consumer needs and wants
- Explain the methods used in marketing and advertising research
- Explain the role of marketing, advertising planning and Media Planning

Course Outcomes:

- After Successful completion of this course, the students are able to:
- Understand the field of Advertising
- Comprehend opportunities and challenges in Advertising sector
- Prepare a primary advertising model
- Understand applying of related skills
- Examine the scope for making advertising a future career


Course Coordinator

Dr. Yogesh Patil


Academic Dean

Dr. Tanuja Fegade


Director

Prof. Shilpa.K.Bendale



KCES's Institute of Management & Research
Certificate course in Advertising (6 Feb 2022 - 21 Feb 2023)

AY-2022-23

List of students

Sr. no:	Roll No	Name	06-02-23	07-02-23	08-02-23	09-02-23	10-02-23	11-02-23	13-02-23	14-02-23	15-02-23	16-02-23	17-02-23	18-02-23	20-02-23	21-02-23	22-02-23
1	1	Aditi Ranjit Jadhav	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu	Aiu
2	6	Bangad Shrutika Shrikant	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan	Sbangan
3	25	Chaudhari Lokesh Liladhar	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh
4	27	Chaudhari Shiyani Tushar	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh	Chudh
5	29	Chavan Khushboo Sanjay	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev	Keev
6	38	Deore Vaishnavi Deelip	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD	VDD
7	39	Deshmukh Gayatree Vikas	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh	GDesh
8	41	Dhangar Chetana Ashok	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar	CDhangar
9	55	Jagtap Manasi Sham	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap	MJagtap
10	56	Jain Kunal Kiran	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR	KJR
11	57	Jain Mamata Anilkumar	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR	MJR
12	58	Jain Naman Dharmendra	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR	NJR
13	59	Jain Prapti Chetan	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain	PKJain
14	69	Kalani devyani Gopal	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan	KDalan
15	76	Khatik Soyab Gaffar	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik	SKhatik
16	102	Mundada Laxmi Radheshyam	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada	LMundada
17	104	Naik Sakshi Hemant	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik	SNaik
18	120	Patil Gauri Sharad	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil
19	136	Patil Toshalsing Satish	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil
20	143	Pitambar Nayaray Patil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil	PNPatil
21	155	Saindane Manoj Uttamrao	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane	MSaindane
22	159	Sananse Kalyani Vijay	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse	KSananse
23	160	Saraswat Abhishek Ashok	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat	ASaraswat
24	164	Sharma Sarvangi Vijay	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma	SSharma
25	166	Shende Rohit Purushottam	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende	RShende
26	187	Supekar Pallavi Dattatray	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar	PSupekar
27	189	Surana Ravi Santoshchand	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana	RSurana
28	190	Suryawanshi Manali Manoj	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi	MSuryawanshi
29	191	Teli Amin Asif	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli	ATeli



KCES's Institute of Managaemnet & Research
Certificate course in Advertising (6 Feb 2023- 21Feb 2023)

AY-2022-23

List of students

30	192	Thakare Riya Shivaji	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>	<u>Ri</u>
31	197	Varma Prasad kishor	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>
32	198	Varma Vaishnavi Chandrakant	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>	<u>VR</u>
33	201	Vyas Priyanka Narsing	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>	<u>PN</u>
34	202	Waghule Neha Pramod	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>	<u>NU</u>
35	207	Yeole Tejas Anil	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>	<u>TE</u>

Yogesh Patil
 Mr. Yogesh Patil
 Faculty Co-ordinator:

Dr. Sanyal
 Academic Dean
 (Dr. Sanyal Segade)

Prof. Shilpa Bendale
 Director
 (Prof. Shilpa Bendale)





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NAAC ACCREDITED A-GRADE (CGPA 3.17) | NBA ACCREDITED MBA PROGRAM

CERTIFICATE COURSE IN ADVERTISING

Certificate

This is to certify that

Mr./Ms. *Jain Naman Dharmendra*

of KCES's Institute of Management & Research, Jalgaon has Passed with grade 'O'

in the Certificate Course in Advertising 2023 from 06nd Feb. to 22nd Feb. 2023.

Mr. Yogesh Patil
Course Coordinator

Prof. Tanuja Fegade
MCA, HOD

Prof. Dr. Shilpa Bendale
Director



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CERTIFICATE COURSE IN ADVERTISING

Certificate

This is to certify that

Mr./Ms. *Naik Sakshi Hemant*

of KCES's Institute of Management & Research, Jalgaon has Passed with grade 'B'

in the Certificate Course in Advertising 2023 from 06nd Feb. to 22nd Feb. 2023.

Mr. Yogesh Patil
Course Coordinator

Prof. Tanuja Fegade
MCA, HOD

Prof. Dr. Shilpa Bendale
Director



Khandesh College Education Society's

INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC Accredited 'A' Grade (CGPA 3.17)
NBA Accredited MBA Program



Course Duration: 30 Hours

Date: 1st Feb. 2023 to 17th Feb. 2023

Course Coordinator
Mr. Anil kumar Marthi

Director
Dr. Shilpa K. Bendale

Behind D.I.C., N.H.06, Jalgaon (MS) | Tel : 0257 - 2251281

KCES's Institute of Management & Research Jalgaon
Certificate Course in Digital Marketing
List of Enrollments February 2023

S.No	Name of the student	Class	Signature
1	MALI RATNA CHUDAMAN	MBA-II	Malali
2	BUCHA ABHINANDAN TARUN	MBA-II	Bucha
3	PATIL AMRUTA YOGESH	MBA-II	Patil
4	DESALE PRANJALI GOKULRAO	MBA-II	
5	DURUNDE SWAPNIL SANTOH	MBA-II	Durunde
6	JADHAV AKSHAY DNYANESHWAR	MBA-II	Sheth
7	JAIN RUCHI PANKAJ	MBA-II	Jain
8	MANGESH SUNIL SURALAKAR	MBA-II	Ms. Suralakar
9	JOSHI VAISHNAVI VIVEK	MBA-II	V Joshi
10	KHIVASARA NIDHI KHEMCHAND	MBA-II	Nhivasara
11	BANGAD SHRUTIKA SHRIKANT	MBA-I	Sebangad
12	BHATIYA YAMINI SURYAKANT	MBA-I	Bhatiya
13	DARDA SEJAL SANJAY	MBA-I	Dejal
14	JAGTAP MANASI SHAM	MBA-I	Jagtap
15	NAIK SAKSHI HEMANT	MBA-I	S.H.Naik
16	JAIN NAMAN DHARMENDRA	MBA-I	Jain
17	KHAN MUBASHSHIR AMIN KHAN	MBA-I	Mubashshir
18	KOLHE KHAGESH PRADIP	MBA-I	Kolhe
19	CHAUDHARI DNYANESHWAR DHANRAJ	MBA-I	Chaudhary
20	YEOLE TEJAS ANIL	MBA-I	Yeole
21	SONAL AGRAWAL	MBA-I	Sonal
22	KATARIYA CHAHAT KISHOR	TY BBA	Chahat K.
23	MADANI VISHAL NILESH	TY BBA	
24	MALVIYA SUMIT GANGARAM	TY BBA	Sumit
25	MANDHAN KAMAL VASUDEV	TY BBA	Kamal
26	PATIL AKASH SOPAN	TY BBA	Patil
27	SHAH SANMESH ANIL	TY BBA	Sanmesh
28	SHUKLA MITARTHA MUKUND	TY BBA	
29	THAKUR VINAY RAJENDRA	TY BBA	Vinay
30	AMBEKAR HARSHAL KISHOR	TY BBA	Amekar





KCES's Institute of Management & Research Jalgaon

NAAC Accredited 'A Grade'

Certificate Course in Digital Marketing

Duration: 30 hours

Course Description:

This course deals with important aspects of Digital Marketing of the modern era

Course Objective:

To provide an insight into various Digital Marketing options for practical applications

Course Outcomes:

On the completion of this course, the student will be able to:

1. **Understand** the concept of Digital Marketing
2. **Describe** the business drivers in the virtual world.
3. **Identify** online tools for marketing
4. **Evaluate** aspects of contemporary digital revolution
5. **Develop** integrated online communication process.

MODULE -1 Overview of Digital Marketing	(5)
MODULE-2 Marketing in Digital Era	(5)
MODULE-3 Business Drivers in the virtual world	(5)
MODULE-4 Online tools for marketing	(5)
MODULE-5 The contemporary Digital revolution	(5)
MODULE-6 Integrating Online Communication into IMC Process	(5)



Practical:

1. Identify Digital Marketing content from various sources and list at least 10.
2. Identify visitor engagement patterns of various advertisements.
3. List out E-CRM initiatives with respect to a Product, Service, or experience.
4. Download a Mobile app for a product or Service and list its features.
5. Create an account in LinkedIn and Instagram and share the link.
6. Identify and List out 5 pay per click advertisements in the social media
7. Use Social media to create awareness about your contribution to society
8. Identify 2 game based marketing activities.
9. Prepare an affiliate marketing business model for any product / service
10. Prepare a 10 to 15 slide PPT presentation on above topics.

REFERENCE BOOKS

1. Digital Marketing by Vandana Ahuja – Oxford university press
2. Understanding Digital Marketing: Marketing Strategies for Engaging the Digital Generation by Damian Ryan, Calvin Jone Kogan Page
3. Marketing by William M Pride, O C Ferrell, Cengage Learning
4. Integrated Marketing Communications: Asia Pacific Edition by William Chitty, Nigel Barker, Michael Valos, Terence A Shim, Cengage Learning
5. DigiMarketing: The Essential Guide to New Media and Digital Marketing by Kent Wertime, Ian Fenwick
6. Web Analytics 0: The Art of Online Accountability and Science of Customer Centricity by Avinash Kaushik
7. Direct and Digital Marketing in Practice by Brian Thomas, Matthew Housden



Digital Marketing – Assignment.

1. Create an account in LinkedIn and Instagram and share the link.
2. Identify 2 game based marketing activities.
3. Identify Digital Marketing content from various sources and list at least 10
4. Use Social media to create awareness about your contribution to society
5. Identify and List out 5 pay per click advertisements in the social media

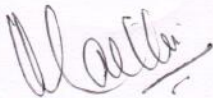
Important:

Last date for submission is 5th March 2023

All answers should be neatly presented in print format and in a folder.

Wherever possible provide screenshots of the work done.

Submit your Assignments to Mr. Anil Kumar Marthi



Anil Kumar Marthi





Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON
Approved by AICTE New Delhi,
Affiliated to KBC North Maharashtra University, Jalgaon, NAAC Accredited(A-grade)

Certificate Course in Digital Marketing

w. e. f (01-02-2023 to 17-02-2023)

Duration and Class Schedule

- The course is offered for 15 days.
- Duration: 15 days of two hours each from 3pm - 5 pm.
- The classes will be conducted in Room no: 9.
- Total number of hours is 30 hours.

Eligibility: The participants from BBA, MBA-I & MBA-II courses are eligible for admission in this course.

Teaching Faculty: Internal faculty Mr. Anil Kumar Marthi, Associate Professor, KCES's IMR, Jalgaon.

Evaluation Procedure:

The course shall have two components of evaluation:

1. CIE of 20 marks.
2. Final Examination of 80 marks, comprising of –
 - a) Written Examination: 50 marks.
 - b) Practical / Oral Examination: 30 marks.

Final Score for 100 Marks shall be the sum of the continuous evaluation and final examination; and grade shall be as per the grading system below.

Grading System: Based on the student's performance a final letter grade will be awarded at the end of the certificate course. The letter grades and the corresponding grade points are as given in Table

Table: Grades and Grade Points

S.No.	Grade	Grade Points	Absolute Marks
1	O (Outstanding)	10	90 and above
2	A+ (Excellent)	9	80 to 89
3	A (Very good)	8	70 to 79
4	B+ (Good)	7	60 to 69
5	B (Above average)	6	50 to 59
6	C (Average)	5	45 to 49
7	P (Pass)	4	40 to 44
8	F (Fail)	0	Less than 40
9	A (Absent)	0	





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INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

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Affiliated to KBC North Maharashtra University, Jalgaon, NAAC Accredited(A-grade)

COURSE JUSTIFICATION

Course Objectives:

To provide an insight into various Digital Marketing options for practical applications, the course aims to provide students with a comprehensive understanding of digital marketing and its role in contemporary business environments. By exploring the core concepts, business drivers, online marketing tools, and the impact of the digital revolution, students will develop the skills necessary to create effective integrated online communication processes for businesses.

Course Outcomes:

On the completion of this course, the student will be able to:

1. **Understand** the concept of Digital Marketing
2. **Describe** the business drivers in the virtual world.
3. **Identify** online tools for marketing
4. **Evaluate** aspects of contemporary digital revolution
5. **Develop** integrated online communication process.

Course Coordinator

Mr. Anil Kumar Marthi

Academic Dean

Dr. Tanuja Fegade

Director

Prof. Shilpa.K.Bendale



KCES's Institute of Management & Research Jalgaon
Certificate Course in Digital Marketing

Attendance sheet

S.No	Name of the student	06-Feb	07-Feb	08-Feb	09-Feb	10-Feb	11-Feb	13-Feb	14-Feb	15-Feb	16-Feb	17-Feb	18-Feb	20-Feb	21-Feb	22-Feb	Remarks
1	MALI RATNA CHUDAMAN	MR	MR	MR	MR	MR	MR	MR	MR	MR	MR	MR	MR	MR	MR	MR	
2	BUCHA ABHINANDAN TARUN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
3	PATIL AMRUTA YOGESH	AY	AY	AY	AY	AY	AY	AY	AY	AY	AY	AY	AY	AY	AY	AY	
4	DESALE PRANJALI GOKULRAO	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	
5	DURUNDE SWAPNIL SANTOH	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	
6	JADHAV AKSHAY DNYANESHWAR	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	
7	JAIN RUCHI PANKAJ	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	
8	MANGESH SUNIL SURALAKAR	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	
9	JOSHI VAISHNAVI VIVEK	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	
10	KHIVASARA NIDHI KHEMCHAND	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	
11	BANGAD SHRUTIKA SHRIKANT	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	
12	BHATIYA YAMINI SURYAKANT	YS	YS	YS	YS	YS	YS	YS	YS	YS	YS	YS	YS	YS	YS	YS	
13	DARDA SEJAL SANJAY	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	
14	JAGTAP MANASI SHAM	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	
15	NAIK SAKSHI HEMANT	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	
16	JAIN NAMAN DHARMENDRA	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	
17	KHAN MUBASHSHIR AMIN KHAN	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	
18	KOLHE KHAGESH PRADIP	KP	KP	KP	KP	KP	KP	KP	KP	KP	KP	KP	KP	KP	KP	KP	
19	CHAUDHARI DNYANESHWAR DHANRAJ	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	
20	YEOLE TEJAS ANIL	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	
21	SONAL AGRAWAL	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	
22	KATARIYA CHAHAT KISHOR	CK	CK	CK	CK	CK	CK	CK	CK	CK	CK	CK	CK	CK	CK	CK	
23	MADANI VISHAL NILESH																
24	MALVIYA SUMIT GANGARAM	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	
25	MANDHAN KAMAL VASUDEV	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM	
26	PATIL AKASH SOPAN	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	
27	SHAH SANMESH ANIL	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	
28	SHUKLA MITARTHA MUKUND	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	
29	THAKUR VINAY RAJENDRA	VT	VT	VT	VT	VT	VT	VT	VT	VT	VT	VT	VT	VT	VT	VT	
30	AMBEKAR HARSHAL KISHOR	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	





Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC ACCREDITED A-GRADE (CGPA 3.17) | NBA ACCREDITED MBA PROGRAM

CERTIFICATE COURSE IN DIGITAL MARKETING

Certificate

This is to certify that ~~Mr./Ms./Mrs.~~ Ruchi Jain Pankaj
Has successfully completed a 30 hours Certificate Course in Digital Marketing organized by
Internal Quality Assurance Cell (IQAC), KCES's Institute of Management and Research, Jalgaon
from 1st Feb. to 17th Feb, 2023.

Mr. Anil Kumar Marthi
Co-ordinator

Dr. Tanuja Fegade
(Coordinator - IQAC)

Prof. Dr. Shilpa K. Bendale
Director



Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC ACCREDITED A-GRADE (CGPA 3.17) | NBA ACCREDITED MBA PROGRAM

CERTIFICATE COURSE IN DIGITAL MARKETING

Certificate

This is to certify that Mr./Ms./Mrs. Mangesh Sunil Suralkar

Has successfully completed a 30 hours Certificate Course in Digital Marketing organized by Internal Quality Assurance Cell (IQAC), KCES's Institute of Management and Research, Jalgaon from 1st Feb. to 17th Feb, 2023.

Mr. Anil Kumar Marthi
Co-ordinator

Dr. Tanuja Fegade
(Coordinator - IQAC)

Prof. Dr. Shilpa K. Bendale
Director



Khandesh College Education Society's

INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC Accredited 'A' Grade (CGPA 3.17)

NBA Accredited MBA Program

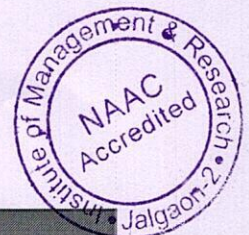


Course Duration: 30 Hours

Date: 1st Feb. 2023 to 17th Feb. 2023

Course Coordinator
Mr. Anil kumar Marthi

Director
Dr. Shilpa K. Bendale



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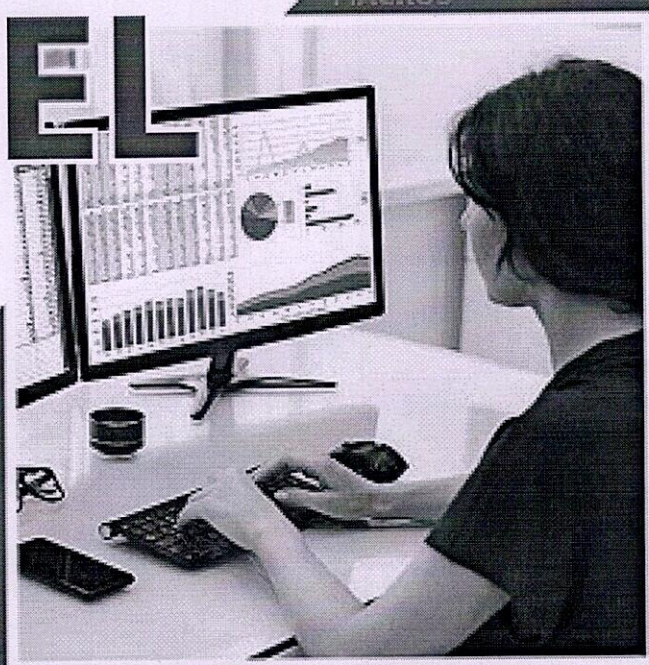
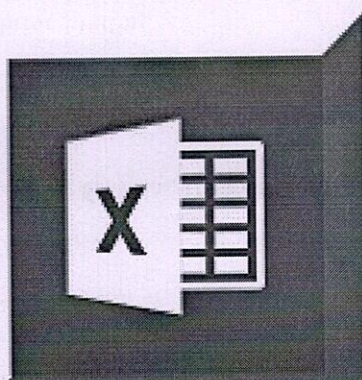
Khandesh College Education Society's

INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

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NBA Accredited MBA Program

CERTIFICATE COURSE ON ADVANCE EXCEL

DATA ANALYTIC
PIVOT TABLES
DATA LOOKUP
MIS REPORT
MACROS



Course Duration: 30 Hours

Date: 1st March, 2023 to 15th March, 2023

Course Coordinator
Dr. Sandip Ghodke

Director
Dr. Shilpa K. Bendale

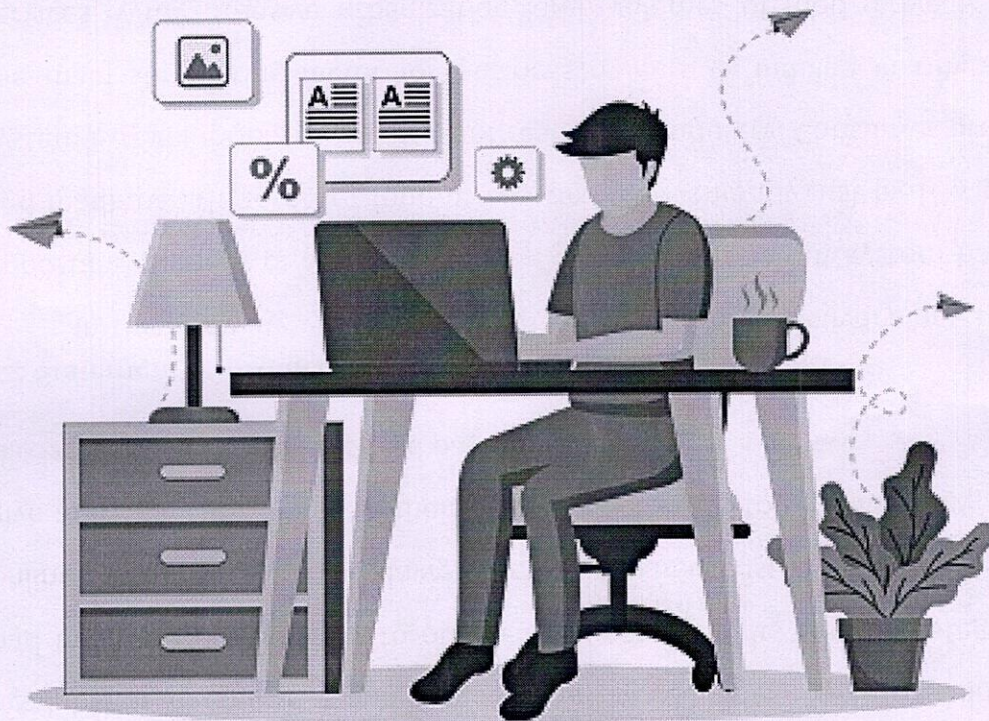


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Khandesh College Education Society's
**INSTITUTE OF MANAGEMENT &
RESEARCH, JALGAON**

CERTIFICATE COURSE IN
ADVERTISING



Course Duration : 30 Hours

06th Feb. 2023 - 21th Feb. 2023

**Program Coordinator
Mr. Yogesh Patil**

**Director
Dr. Shilpa K. Bendale**

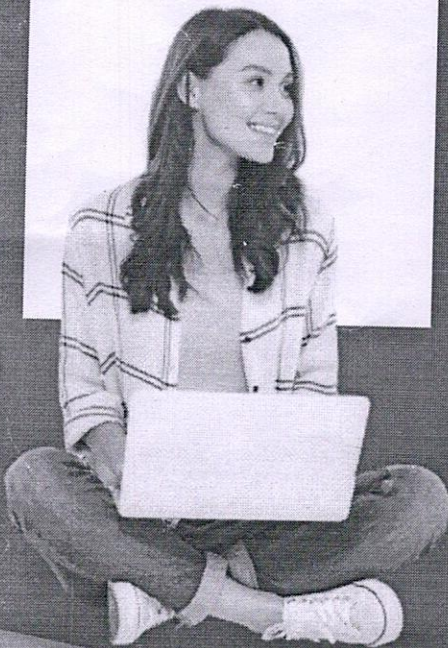


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Khandesh College Education Society's
**INSTITUTE OF MANAGEMENT &
RESEARCH, JALGAON**

NAAC Accredited 'A' Grade (CGPA 3.17)
NBA Accredited for MBA program



CERTIFICATE COURSE IN JAVA PROGRAMMING

Date : From 09th Dec. 2022
to 10th Jan. 2023 [30 Hours]

Trainer

Mr. Manoj Kumavat

Mr. Udyia Chatur
MCA, Coordinator

Ms. Shweta Ramani
Event Coordinator

Dr. Tanuja Fegade
Academic Dean | HOD

Prof. Dr. Shilpa Bendale
Director

Behind D.I.C.. N.H.06. Jalgaon (MS) | Tel : 0257 - 2251281



KCES's Institute of Management and Research, Jalgaon
Department of Computer

Report on Java Programming Certification Course 2022-23

Objective:-

The Purpose of this Java certification course is building up practical skills so that students can develop high performance applications that work flawlessly within the JVM.

The certification course on Java was conducted by Computer Department of KCES's Institute of Management and Research, Jalgaon to guide students in Java Programming from 9th Dec 2022 to 10th JAN 2023 which focused mainly on basic Core Java concepts. This certification course was organized for MCA First Year students having total strength of 40+ students. From 9th Dec 2022 to 10th JAN 2023, the sessions were scheduled twice a week.


As a trainer, Mr. Manoj Kumavat working as a Technical Trainer at Passion Computers, Jalgaon was invited for this certification course. He have both teaching and technical experience. The purpose was to guide our students about the basics of Java Programming.

After the course was completed, he interacts with students and also give some tips about technical interviews in company and also explaining how company asks questions on Core Java and how students had to answer it.

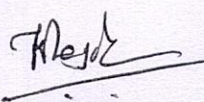
Course Outcome:-

After attending this Java Certification Course, students will be able to -

- Understand fundamentals of object-oriented programming in Java, including defining classes, interfaces, creating objects, invoking methods, using packages etc.
- Have the ability to write a computer program to solve specified problems.
- Use the Java SDK environment to create, debug and run simple Java programs.
- Have awareness about the important topics those are buzzwords in Java programming.
- Know the principles and practices of software development so that that this knowledge can be applied in practical software development.


Mr. Uday S. Chatur
Coordinator




Dr. Tanuja Fegade
HOD, Academic Dean

Course Content

Java Basics

- Features of Java
- OOPs concepts
- Java virtual machine
- Byte code
- Data types, variable, arrays, expressions, operators, and control structures
- Writing Java Programs

Introduction to Objects and Classes

- Data Members and Member Methods
- Declaring and Creating Objects
- Constructors
- Function & Constructor Overloading
- "this " and "static " Keywords
- Inner Classes

Inheritance

- Inheritance Basics: Super Class and Sub Class, Types
- Constructor in Inheritance: "super " keyword
- "final " Keyword
- Method Overriding
- Dynamic Method Dispatch
- Abstract Classes

Packages

- Package Basics: Namespace Resolution, Visibility Control
- Defining a package
- Directory Structure of Packages
- Importing a package
- Access Control
- Java API Packages

Interfaces

- Interface Basics: Need, Relationship with classes
- Defining an Interface
- Implementing Interfaces
- Inheritance in Interfaces



- Using Interfaces for Multiple Inheritance
- Difference between abstract classes and interfaces

Exception Handling

- Exception Handling Basics: Types, Java's Implementation Strategy
- Java's Built in Exceptions
- Java's Exception Class Hierarchy
- Exception Handling Keywords: try, catch, finally, throw & throws
- Checked and Unchecked Exceptions
- User defined Exceptions

Multithreading

- Multithreading Basics: Threads, Processes, Thread Life Cycle
- Implementing Threads: Thread Class
- Implementing Threads: Runnable Interface
- Useful Thread Methods: isAlive, join, run, sleep & start
- Synchronization

Generics

- Generics Basics: Concepts
- Type Arguments
- Generic Classes
- Generic Methods
- Generic Interfaces

Java IO

- Java IO Basics: Streams
- Byte Streams
- Character Streams
- Taking User Input through Streaming
- File Handling
- Serialization

Collections Framework

- Collections Overview
- Collections with generics
- Collection Interfaces
- Collection Classes



Introduction to Java GUI - Applets & AWT

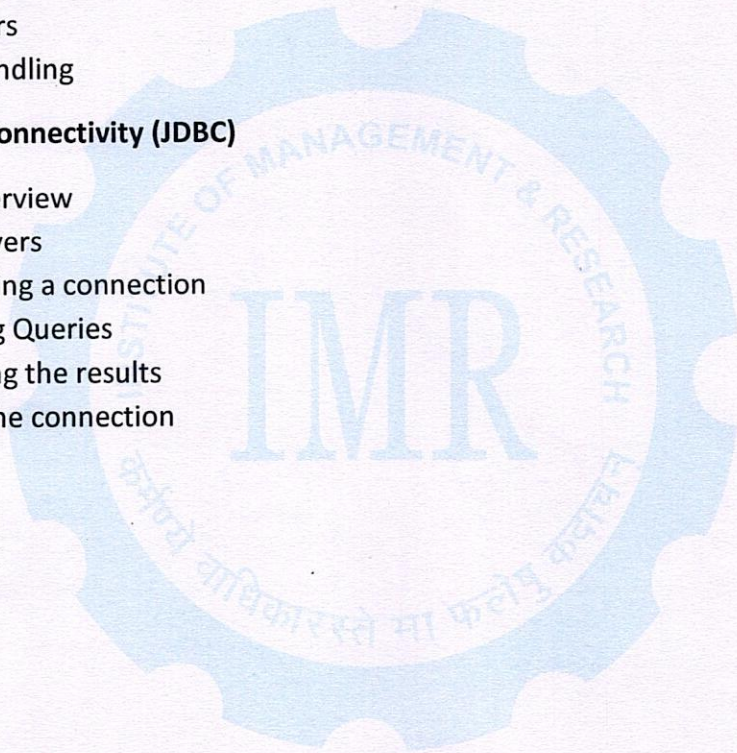
- Java as Internet Programming Language
- Applets
- AWT
- Layout Managers
- Working with Windows and Graphics
- Working with text

Introduction to Java GUI - Exploring Swing

- Swing
- Difference between AWT & Swing
- User Interface Components
- Containers
- Event Handling

Java Database Connectivity (JDBC)

- JDBC Overview
- JDBC Drivers
- Establishing a connection
- Executing Queries
- Processing the results
- Closing the connection



Attendance Sheet (AY 2022-23)

Course : MCA-I

Sem - I

Date : 9 /12 /2022

Event Name : Certificate Course in Java

Teacher Name : Mr. Manoj Kumavat

Sr. No.	Name of Students	9/12/22	10/12/22	12/12/22
1	Vaishnavi Atul Badhe	V.A. Badhe	V.A. Badhe	V.A. Badhe
2	Patil madhavi chandraban	MPatil	MPatil	MPatil
3	patil pankaj sanjay	Puj	Puj	Puj
4	Patil Nilesh Vijay	Nij	Nij	Nij
5	Patil munish vinod.	Mij	Mij	Mij
6	Patil Harshita Rajendra	Patil	Patil	Patil
7	Abode Devendra Zaxman	Abode	Abode	Abode
8	Patil Piyush Subhash	PSP	PSP	PSP
9	Patil chetana Ravindra	Patil	Patil	Patil
10	Beaksha Bisan randhe	Beak	Beaksha	Beaksha
11	paodeshi Swati kishor	Swati	Swati	Swati
12	khadke Lina Ravindra	okhadke	okhadke	okhadke
13	Patil vrushali Nilkanth	Patil	Patil	Patil
14	Koshti Madhavi Arun	okoshti	okoshti	okoshti
15	Akanksha shrood chaudhari	Akanksha	Akanksha	Akanksha
16	Sonawane Vaishnavi Dilip	VS	VS	VS
17	sonkusane Akash Premal	ASL	ASL	ASL
18	Tagvale Ashish Dhondhe	Ash	Ash	Ash
19	Thorat Ashwini Sandip	AThorat	AThorat	AThorat
20	Sonar Yugandhara Sanjay	YSonar	YSonar	YSonar
21	Bhagyesh Rajendra waghulde	BW	BW	BW

Attendance Sheet (AY 2022-23)

Course : MCA-I

Sem - I

Date : 9 / 12 / 2022

Event Name : certificate course in java

Teacher Name : Mr. Manoj Kumawat

Sr. No.	Name of Students	9/12/22	10/12/22	12/12/22
21	Sonawane Komal Harsh			
23	Prajwal Satish Wani			
24	Phinuj Rajendra Sonawane			
25	Sunrise Bharat Govind			
26	Sonare Anilambhar Survi			
27	Malli Ketan Vijay			
28	Patil Vaishnavi Pradip	V.P.Patil	V.P.Patil	V.P.Patil
29	Patil Tanuja Pravin			
30	Patil Yojana Uladhav			
31	Garish Mahendra Saini			
32	Mohd. Mustakim Shaikh			
33	Shinde Jyesh Ravindra			
34	Gayatri Dilip Bapkal			
35	Dipika Ravindra Pawar			
36	Gayatri Pravin Sali			
37	Ashwini Tanarelan Sapkal			
38	Niraj Kiren Badgajar			
39	Bhoi Akshay madhukar			
40	Dhanraj Shrikant Bhavsar			
41	Bavaskar Sakshi Dileep			
42	Bhavay Abhishek Sanjay			





Khandesh College Education Society's

INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC Accredited 'A' Grade (CGPA 3.17) | NBA Accredited for MBA program

CERTIFICATE COURSE IN JAVA PROGRAMMING

Certificate

This is to certify that

Mr./Ms.Ganesh M. Saini.....

of KCES's Institute of Management & Research, Jalgaon

has participated in the Certificate Course in Java Programming

from 09th Dec. 2022 to 10th Jan. 2023

Mr. Manoj Kumavat
Trainer

Dr. Tanuja Fegade
Academic Dean | HOD



Prof. Dr. Shilpa Bendale
Director



Khandesh College Education Society's
**INSTITUTE OF MANAGEMENT &
RESEARCH, JALGAON**

NAAC Accredited 'A' Grade (CGPA 3.17) NBA Accredited for MBA program

**CERTIFICATE COURSE ON
SOFTWARE PROJECT
DEVELOPMENT**

Date : from 01st April 2023
To 18th April 2023 [30 Hours]

Trainer:
Mr. Manoj Kumavat

Mrs. Sweta Phegade
BCA, Coordinator

Dr. Tanuja Fegade
Academic Dean | HOD

Ms. Shamaela Shaikh
Event Coordinator

Prof. Dr. Shilpa Bendale
Director

Behind D.I.C., N.H.06, Jalgaon (MS) | Tel : 0257 - 2251281



KCES's Institute of Management and Research, Jalgaon

Department of Computer

Attendance Sheet (AY 2022-23)

Course: BCA

Sem- VI

Date : 01/04/23

Event Name : Certificate course on S/W Project Development

Teacher Name : Mr. Manoj Kumawat

Sr.No	Name of Student	1/4/23	2/4/23	3/4/23
1	Gopalsing Maharsing Rathod.	<u>GMR</u>	<u>GMR</u>	<u>GMR</u>
2	Aniket Ramchandra Chaugan	<u>An</u>	<u>An</u>	<u>An</u>
3	Tejansh Jitendra Somu	<u>JS</u>	<u>JS</u>	<u>JS</u>
4	Komal. Mukesh More	<u>Kmore</u>	<u>Kmore</u>	<u>Kmore</u>
5	Aakansha . B. patil	<u>Apatis</u>	<u>Apatis</u>	<u>Apatis</u>
6	Parag shaligram Patil	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
7	Kunal Saleharam Patil	<u>KSP</u>	<u>KSP</u>	<u>KSP</u>
8	Gaurang Arnav Charvasiya	<u>GAC</u>	<u>GAC</u>	<u>GAC</u>
9	Vaibhav Shrikrusha Shirsekar	<u>V.S.Shir</u>	<u>V.S.Shir</u>	<u>V.S.Shir</u>
10	Mohit Laxman Patil	<u>MPL</u>	<u>MPL</u>	<u>MPL</u>
11	Rutika Satish Patil	<u>RSP</u>	<u>RSP</u>	<u>RSP</u>
12	Mohmd Aawez S.K	<u>AM</u>	<u>AM</u>	<u>AM</u>
13	Shaikh md. Muz Z	<u>MSZ</u>	<u>MSZ</u>	<u>MSZ</u>
14	Sayed Altaf Ali Noor Ali	<u>SA</u>	<u>SA</u>	<u>SA</u>
15	Jain Khushabu Amolakchand	<u>JK</u>	<u>JK</u>	<u>JK</u>
16	Joshi snehal vinoyak	<u>Joshi</u>	<u>Joshi</u>	<u>Joshi</u>
17	Mohammed Amman Abdul	<u>MA</u>	<u>MA</u>	<u>MA</u>
18	Patil Dipshri Madhavrao	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
19	Bozale Ashwini Yuvraj	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
20	Bhavsar Prajakta manoj	<u>Bhavsar</u>	<u>Bhavsar</u>	<u>Bhavsar</u>
21	Bhagyashri vilay sunyawanshi	<u>BS</u>	<u>BS</u>	<u>BS</u>
22	Sakshi Jivan Patil	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
23	Nomesh Gopal Kolhe	<u>NK</u>	<u>NK</u>	<u>NK</u>
24	Sarang Sanjay Varma	<u>SVarma</u>	<u>SVarma</u>	<u>SVarma</u>
25	Sapna Rajesh Narkbede	<u>SRN</u>	<u>SRN</u>	<u>SRN</u>
26	Priyanka Dipak Joshi	<u>PJoshi</u>	<u>PJoshi</u>	<u>PJoshi</u>



KCES's Institute of Management and Research, Jalgaon

Department of Computer

Attendance Sheet (AY 2022-23)

Course: BCA

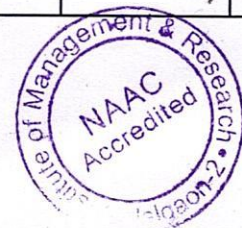
Sem- VI

Date : 01/04/23

Event Name : Certificate course on s/w Project Development

Teacher Name : Mr. Manoj Kumawat

Sr.No	Name of Student			
27	Dhanshri Kailas Shinde	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
28	Shital Nilkanth Rule	<u>Rule</u>	<u>Rule</u>	<u>Rule</u>
29	Shruti Vijay Patil	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
30	Yukta Sandip Mahajan	<u>Mahajan</u>	<u>Mahajan</u>	<u>Mahajan</u>
31	Amey Vivekanand Vinchurkar	<u>Amey</u>	<u>Amey</u>	<u>Amey</u>
32	Giirish Dinkar Saindore	<u>Saindore</u>	<u>Saindore</u>	<u>Saindore</u>
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Khandesh College Education Society's

INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

NAAC Accredited 'A' Grade (CGPA 3.17) | NBA Accredited for MBA program

CERTIFICATE COURSE ON SOFTWARE PROJECT DEVELOPMENT

Certificate

This is to certify that

Mr./Ms. Mohit Laxman Patil

of KCES's Institute of Management & Research, Jalgaon

has participated in the Certificate Course on Software Project Development from

01st April 2023 to 18th April 2023



Mr. Manoi Kumavat
Trainer

Dr. Tanuja Fegade
Academic Dean | HOD

Prof. Dr. Shilpa Bendale
Director

Outward No – IMR/MCA/2022-23/

Date – 14 Jan 2023

To

Mr. Manoj Kumawat

Passion Software Solution Jalgaon

Subject – To Conduct Certificate Course in C/C++ Programming for MCA students

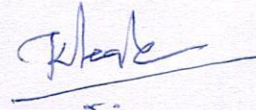
Respected Sir,

Institute of Management and Research, was established by KCE Society in 1986 to initiate education in Business Management and Computer application in Khandesh Region. IMR is recognized by AICTE Delhi and affiliated to North Maharashtra University, Jalgaon. We are conducting MCA, Integrated MCA and MBA courses.

We request you to conduct Certificate Course in C/C++ Programming for MCA students on 24th Feb to 14 April 2023 and guide them on C/C++ Programming Concepts. Expecting positive reply and oblige us.



Mr. Uday Chatur
Co-Ordinator



Mrs. Tanuja Fegade
HOD

Report of Event

C/C++ Programming Language

Overview:

C++ language is a superset of the 'C' language and was initially known as "C with Classes". In "C" operator ++ is used to increment the value by 1. That means to the language 'C', developers have added some extra features and hence named as C++. C++ is a general purpose programming language and supports **object oriented programming features**.

Course Objectives:

- Understanding about object oriented programming.
- Gain knowledge about the capability to store information together in an object.
- Understand the capability of a class to rely upon another class.
- Learn how to store one object inside another object
- Learn use of one method can be used in variety of different ways
- Understanding the process of exposing the essential data to the outside of the world and hiding the low level data
- Create and process data in files using file I/O functions
- Understand about constructors which are special type of functions
- Learn how to write code in a way that it is independent of any particular type

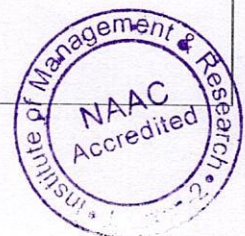
Pre-requisite / Target Audience:

- Programmers looking for jobs
- Programmers wanting to write efficient code
- Computer Science students having Data Structures as part of their curriculum
- Non Computer science students wanting to enter IT industry



SYLLABUS FOR C & C++

Programming in 'C'	
CHAPTER - 1	Introduction of Programming Languages
1.1	Types of Languages
1.2	Evolution of 'C' Language
1.3	Structure of a 'C' Program
1.4	'C' Program development life cycle
1.5	Executing and Debugging a 'C' Program
CHAPTER – 2	'C' Tokens
2.1	Keywords and Identifiers
2.2	Operators
2.3	Constants
2.4	Variables
2.5	Data Types
2.6	Precedence of Operators
2.7	Scope and Lifetime of Variables
CHAPTER – 3	Control Statement and Expressions
3.1	Decision Making using if statement
3.2	Types of if ...else block
3.3	Switch case Block
3.4	Arithmetic Expressions
3.5	Evaluation of Expressions
3.6	GOTO statement
CHAPTER – 4	Looping
4.1	Concept of Loop
4.2	For loop
4.3	While loop



SYLLABUS FOR C & C++

4.4	Do while loop
4.5	Jumping in Loop
4.6	break and continue statement
CHAPTER – 5	Arrays and String
5.1	Introduction of Array
5.2	One - D Array
5.3	Two - D Array
5.4	Multidimensional Array
5.5	Dynamic Arrays
5.6	Implementing String Variables
5.7	String handling Functions
CHAPTER – 6	Functions
6.1	Concept of Function
6.2	User defined Function
6.3	System Defined Function
6.4	Types of parameter passing in function
CHAPTER – 7	Pointers
7.1	Need of Pointers
7.2	Types of Pointers
7.3	Pointer Expression
7.4	Arrays of Pointers
7.5	Pointers and Functions
CHAPTER - 8	Structure and Unions
8.1	Need of Structure
8.2	Implementing Structure Variable
8.3	Arrays of Structure



SYLLABUS FOR C & C++

8.4	Structure within Structure
8.5	Introduction of Unions
8.6	Difference between Structure and Unions
CHAPTER – 9	File Handling using 'C'
9.1	Opening and Closing File
9.2	Input / Output operations on File
9.3	Random Access to Files
9.4	Command Line Arguments
CHAPTER - 10	Dynamic Memory Allocation
10.1	Concept of Dynamic Allocation
10.2	Implementing Malloc and Calloc Functions
10.3	Releasing the free space
CHAPTER - 11	Storage Classes and Pre-processor
11.1	Introduction of Storage Class
11.2	Types of Storage Classes
11.3	Introduction of Pre-processor
11.4	Macro Substitution
11.5	File Inclusion
Programming in 'C++'	
CHAPTER - 12	Introduction to Object Oriented Programming
12.1	Concept of OOP
12.2	Features of OOP
12.3	Introduction of 'C++'
12.4	Structure of 'C++' program
12.5	Executing and Debugging a 'C++' Program
CHAPTER - 13	'C++' Tokens and Type Casting



SYLLABUS FOR C & C++

13.1	Keywords and Identifiers
13.2	Operators
13.3	Constants
13.4	Variables
13.5	Data Types
13.6	Precedence of Operators
13.7	Scope and Lifetime of Variables
CHAPTER - 14	Classes & Objects
14.1	Classes & Object Specifier
14.2	Defining data members and member functions
14.3	Array of objects
14.4	Managing console I/O
14.5	'C++' stream classes
14.6	Formatted and unformatted console I/O
14.7	Usage of manipulators
CHAPTER - 15	Function in 'C++'
15.1	Call by reference, Return by reference
15.2	Function overloading and default arguments
15.3	Inline function
15.4	Static class members
15.5	Friend functions
15.6	Virtual Functions
CHAPTER - 16	Constructors and Destructor
16.1	Concept of Constructor
16.2	Types of Constructors
16.3	Memory allocation (new and delete)

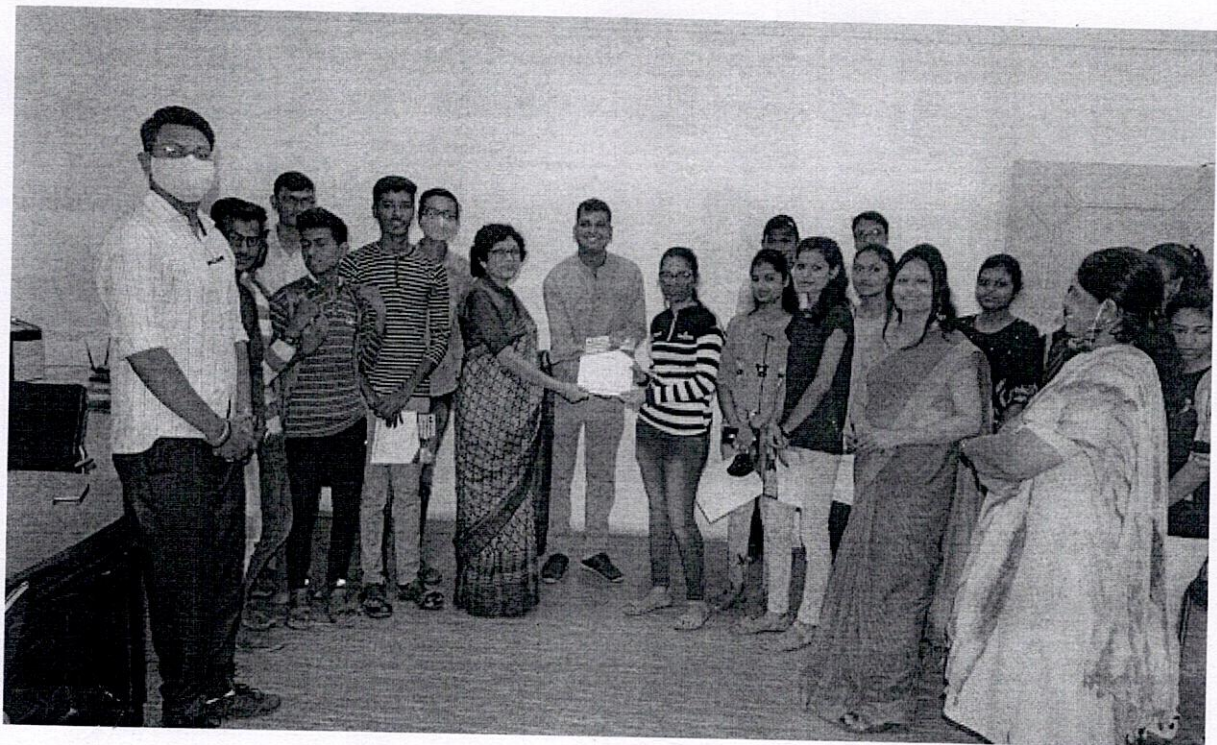


SYLLABUS FOR C & C++

16.4	Usage of destructor
CHAPTER - 17	Operator Overloading
17.1	Overloading Unary and Binary operators
17.2	Overloading using friend function
CHAPTER – 18	Inheritance
18.1	Types of inheritance
18.2	Virtual base classes and abstract base classes
18.3	Constructor and destructor in derived class
CHAPTER - 19	Working with files
19.1	File operations
19.2	File pointer and their manipulation
19.3	File updation with random access
CHAPTER – 20	Exception Handling
20.1	Various Exception Handling classes
20.2	Implementing try and catch block
20.3	Use of throw keyword



Conduct Certificate Course in C/C++ Programming for MCA students



Conduct Certificate Course in C/C++ Programming for MCA students



Conduct Certificate Course in C/C++ Programming for MCA students





**Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON**

Near N.H.6, Behind D I C, Jalgaon - Maharashtra, Pin: 425 001. | Ph: 0257-2254914, 2251281 Email: info@imr.ac.in Web: www.imr.ac.in

in association with



Certificate Course in C and CPP Programming
Certificate

This is to certify that

Mr./Ms. Patil Sanket Subhash.....

of KCES's Institute of Management & Research, Jalgaon has participated in the

Certificate Course in C and CPP Programming 2023 from 24th Feb. 2023 to 14th April 2023.



Mr. Manoj Kumavat

Trainer

Prof. Tanuja Fegade

MCA, HOD

Prof. Dr. Shilpa Bendale

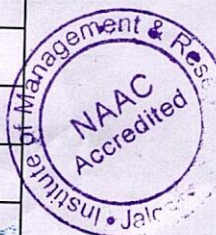
Director

Department of Computer

Attendance Sheet

Certificate Course in C / C++ : MCA Sem - I (AY 2022-23)

Sr. No.	Name of Students	Date =>				Total
		24/2/23	25/2/23	3/3/23	4/3/23	
1	Adode Devendra Laxman					
2	Agrawal Vaishnavi Kamalkishor	VK	VK	VK	VK	
3	Bari Shital Vasantao	SSari	SSari	SSari	SSari	
4	Bavaskar Sakshi Dilip					
5	Baviskar Anjali Dharamchand	AD	AD	AD	AD	
6	Bhavar Abhishek Sanjay	Abhishek	Abhishek	Abhishek	Abhishek	
7	Bhavsar Pranil Mahendra	PBhavsar	PBhavsar	PBhavsar	PBhavsar	
8	Chaudhari Sakshi Rajendra					
9	Chavhan Harshal Ravindra	PHarsh	PHarsh	PHarsh	PHarsh	
10	Chilvirwar Harshit Atul	HA	HA	HA	HA	
11	Dhatarak Prerana Anil					
12	Gawande Akash Ananda	AGawande	AGawande	AGawande	AGawande	
13	Kapade Komal Kailas	KKapade	KKapade	KKapade	KKapade	
14	Kathoke Lina Ramesh					
15	Khambayat Jayashri Dhanraj	SKhambayat	SKhambayat	SKhambayat	SKhambayat	
16	Kulkarni Amruta Nagesh	AKulkarni	AKulkarni	AKulkarni	AKulkarni	
17	Mahajan Shruti Lalit	SMahajan	SMahajan	SMahajan	SMahajan	
18	Mali Pranali Prakash	PMali	PMali	PMali	PMali	
19	Mali Rina Kailas	RMali	RMali	RMali	RMali	
20	Nikumbh Kunal Bapurao	NK	NK	NK	NK	
21	Pande Shruti Yogendraprasad	SPande	SPande	SPande	SPande	
22	Pardeshi Jyotsna Sham	JPardeshi	JPardeshi	JPardeshi	JPardeshi	
23	Patil Bhairavi Nitin	BPatil	BPatil	BPatil	BPatil	
24	Patil Chetan Ravindra	CPatil	CPatil	CPatil	CPatil	
25	Patil Dhiraj Kishor	DPatil	DPatil	DPatil	DPatil	
26	Patil Munish Vinod	MPatil	MPatil	MPatil	MPatil	
27	Patil Pankaj Sanjay					
28	Patil Sanket Subhash	SPatil	SPatil	SPatil	SPatil	
29	Patil Sayali Gopal					
30	Pawar Dipika Ravindra	DPawar	DPawar	DPawar	DPawar	
31	Ramteke Pratiksha Bisani					
32	Sali Gayatri Pravin	GSali	GSali	GSali	GSali	
33	Shinde Vishal Anil	VShinde	VShinde	VShinde	VShinde	
34	Sonawane Priyanka Bhikan	PSonawane	PSonawane	PSonawane	PSonawane	
35	Sonkusare Akash Premlal	ASonkusare	ASonkusare	ASonkusare	ASonkusare	
36	Survase Bharat Govind	BSurvase	BSurvase	BSurvase	BSurvase	
37	Thombre Vaibhav Madhukar	VThombre	VThombre	VThombre	VThombre	

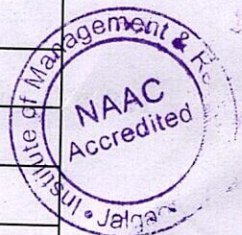


Department of Computer

Attendance Sheet

Certificate Course in C / C++ : MCA Sem - I (AY 2022-23)

Sr. No.	Name of Students	Date =>				Total
		10/3/23	11/3/23	17/3/23	18/3/23	
1	Adode Devendra Laxman					
2	Agrawal Vaishnavi Kamalkishor	VK	VK	VK	VK	
3	Bari Shital Vasantao	Shari	Shari	Shari	Shari	
4	Bavaskar Sakshi Dilip					
5	Baviskar Anjali Dharamchand	AD	AD	AD	AD	
6	Bhavar Abhishek Sanjay	Abhishek	Abhishek	Abhishek	Abhishek	
7	Bhavsar Pranil Mahendra	Pranil	Pranil	Pranil	Pranil	
8	Chaudhari Sakshi Rajendra					
9	Chavhan Harshal Ravindra	Phahan	Phahan	Phahan	Phahan	
10	Chilvirwar Harshit Atul	Harshit	Harshit	Harshit	Harshit	
11	Dhatarak Prerana Anil					
12	Gawande Akash Ananda	AA-Gawande	AA-Gawande	AA-Gawande	AA-Gawande	
13	Kapade Komal Kailas	Kapade	Komal	Kapade	Kapade	
14	Kathoke Lina Ramesh					
15	Khambayat Jayashri Dhanraj	Khambayat	Khambayat	Khambayat	Khambayat	
16	Kulkarni Amruta Nagesh	Akulkarni	Akulkarni	Akulkarni	Akulkarni	
17	Mahajan Shruti Lalit	Shruti	Shruti	Shruti	Shruti	
18	Mali Pranali Prakash	Bmali	Bmali	Bmali	Bmali	
19	Mali Rina Kailas	Rmali	Rmali	Rmali	Rmali	
20	Nikumbh Kunal Bapurao	KB	KB	KB	KB	
21	Pande Shruti Yogendraprasad	Shruti	Shruti	Shruti	Shruti	
22	Pardeshi Jyotsna Sham	Jyotsna	Jyotsna	Jyotsna	Jyotsna	
23	Patil Bhairavi Nitin	Bpatil	Bpatil	Bpatil	Bpatil	
24	Patil Chetan Ravindra	Patil	Patil	Patil	Patil	
25	Patil Dhiraj Kishor	Di	Di	Di	Di	
26	Patil Munish Vinod	Munish	Munish	Munish	Munish	
27	Patil Pankaj Sanjay					
28	Patil Sanket Subhash	SPatil	SPatil	SPatil	SPatil	
29	Patil Sayali Gopal					
30	Pawar Dipika Ravindra	Pawar	Pawar	Pawar	Pawar	
31	Ramteke Pratiksha Bisan					
32	Sali Gayatri Pravin	GSali	GSali	GSali	GSali	
33	Shinde Vishal Anil	Vshinde	Vshinde	Vshinde	Vshinde	
34	Sonawane Priyanka Bhikan	Priyanka	Priyanka	Priyanka	Priyanka	
35	Sonkusare Akash Premlal	APL	APL	APL	APL	
36	Survase Bharat Govind	Bharat	Bharat	Bharat	Bharat	
37	Thombre Vaibhav Madhukar	Vaibhav	Vaibhav	Vaibhav	Vaibhav	

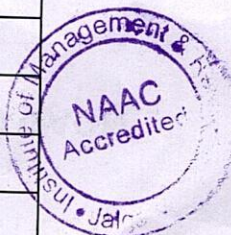


Department of Computer

Attendance Sheet

Certificate Course in C / C++ : MCA Sem - I (AY 2022-23)

Sr. No.	Name of Students	Date =>				Total
		24/3/23	25/3/23	31/3/23	1/4/23	
1	Adode Devendra Laxman					
2	Agrawal Vaishnavi Kamalkishor	VKA	VKA	VKA	VKA	
3	Bari Shital Vasantao	Shari	Shari	Shari	Shari	
4	Bavaskar Sakshi Dilip					
5	Baviskar Anjali Dharamchand	AD	AD	AD	AD	
6	Bhavar Abhishek Sanjay	Abhishek	Abhishek	Abhishek	Abhishek	
7	Bhavsar Pranil Mahendra	Pbhavsar	Pbhavsar	Pbhavsar	Pbhavsar	
8	Chaudhari Sakshi Rajendra					
9	Chavhan Harshal Ravindra	Phavhan	Phavhan	Phavhan	Phavhan	
10	Chilvirwar Harshit Atul	Chilvirwar	Chilvirwar	Chilvirwar	Chilvirwar	
11	Dhatarak Prerana Anil	AA Gaware	AA Gaware	AA Gaware	AA Gaware	
12	Gawande Akash Ananda	AGawande	AGawande	AGawande	AGawande	
13	Kapade Komal Kailas	Kapade	Kapade	Kapade	Kapade	
14	Kathoke Lina Ramesh					
15	Khambayat Jayashri Dhanraj	Khambayat	Khambayat	Khambayat	Khambayat	
16	Kulkarni Amruta Nagesh	Akulkarni	Akulkarni	Akulkarni	Akulkarni	
17	Mahajan Shruti Lalit	Shruti	Shruti	Shruti	Shruti	
18	Mali Pranali Prakash	Bmali	Bmali	Bmali	Bmali	
19	Mali Rina Kailas	Bmali	Bmali	Bmali	Bmali	
20	Nikumbh Kunal Bapurao	NKB	NKB	NKB	NKB	
21	Pande Shruti Yogendraprasad	Spande	Spande	Spande	Spande	
22	Pardeshi Jyotsna Sham	Spardeshi	Spardeshi	Spardeshi	Spardeshi	
23	Patil Bhairavi Nitin	Bpatil	Bpatil	Bpatil	Bpatil	
24	Patil Chetan Ravindra	Gpatil	Gpatil	Gpatil	Gpatil	
25	Patil Dhiraj Kishor	PDi	PDi	PDi	PDi	
26	Patil Munish Vinod	MPatil	MPatil	MPatil	MPatil	
27	Patil Pankaj Sanjay					
28	Patil Sanket Subhash	SPatil	SPatil	SPatil	SPatil	
29	Patil Sayali Gopal					
30	Pawar Dipika Ravindra	DPawar	DPawar	DPawar	DPawar	
31	Ramteke Pratiksha Bisan					
32	Sali Gayatri Pravin	GSali	GSali	GSali	GSali	
33	Shinde Vishal Anil	Shinde	Shinde	Shinde	Shinde	
34	Sonawane Priyanka Bhikan	Piyanka	Piyanka	Piyanka	Piyanka	
35	Sonkusare Akash Premlal	ASonkusare	ASonkusare	ASonkusare	ASonkusare	
36	Survase Bharat Govind	BSurvase	BSurvase	BSurvase	BSurvase	
37	Thombre Vaibhav Madhukar	Vaibhav	Vaibhav	Vaibhav	Vaibhav	



Department of Computer

Attendance Sheet

Certificate Course in C / C++ : MCA Sem - I (AY 2022-23)

Sr. No.	Name of Students	Date =>				Total
		7/4/23	8/4/23	13/4/23	14/4/23	
1	Adode Devendra Laxman					
2	Agrawal Vaishnavi Kamalkishor	VKA	VKA	VKA	VKA	
3	Bari Shital Vasantao	Shital	Shital	Shital	Shital	
4	Bavaskar Sakshi Dilip					
5	Baviskar Anjali Dharamchand	ABD	ABD	ABD	ABD	
6	Bhavar Abhishek Sanjay	Abhishek	Abhishek	Abhishek	Abhishek	
7	Bhavsar Pranil Mahendra	PBm	PBm	PBm	PBm	
8	Chaudhari Sakshi Rajendra					
9	Chavhan Harshal Ravindra	Pharshan	Pharshan	Pharshan	Pharshan	
10	Chilvirwar Harshit Atul	HA	HA	HA	HA	
11	Dhatarak Prerana Anil					
12	Gawande Akash Ananda	A.A.Gawande	A.A.Gawande	A.A.Gawande	A.A.Gawande	
13	Kapade Komal Kailas	Kapade	Kapade	Kapade	Kapade	
14	Kathoke Lina Ramesh					
15	Khambayat Jayashri Dhanraj	Khambayat	Khambayat	Khambayat	Khambayat	
16	Kulkarni Amruta Nagesh	Akulkarni	Akulkarni	Akulkarni	Akulkarni	
17	Mahajan Shruti Lalit	Shruti	Shruti	Shruti	Shruti	
18	Mali Pranali Prakash	Pmali	Pmali	Pmali	Pmali	
19	Mali Rina Kailas	Rmali	Rmali	Rmali	Rmali	
20	Nikumbh Kunal Bapurao	KNB	KNB	KNB	KNB	
21	Pande Shruti Yogendraprasad	Shruti	Shruti	Shruti	Shruti	
22	Pardeshi Jyotsna Sham	Jyotsna	Jyotsna	Jyotsna	Jyotsna	
23	Patil Bhairavi Nitin	BPatil	BPatil	BPatil	BPatil	
24	Patil Chetan Ravindra	CPatil	CPatil	CPatil	CPatil	
25	Patil Dhiraj Kishor	Di	Di	Di	Di	
26	Patil Munish Vinod	MV	MV	MV	MV	
27	Patil Pankaj Sanjay					
28	Patil Sanket Subhash	SPatil	SPatil	SPatil	SPatil	
29	Patil Sayali Gopal					
30	Pawar Dipika Ravindra	DPawar	DPawar	DPawar	DPawar	
31	Ramteke Pratiksha Bisan					
32	Sali Gayatri Pravin	GSali	GSali	GSali	GSali	
33	Shinde Vishal Anil	VShinde	VShinde	VShinde	VShinde	
34	Sonawane Priyanka Bhikan	PSonawane	PSonawane	PSonawane	PSonawane	
35	Sonkusare Akash Premlal	AS	AS	AS	AS	
36	Survase Bharat Govind	BSurvase	BSurvase	BSurvase	BSurvase	
37	Thombre Vaibhav Madhukar	VThombre	VThombre	VThombre	VThombre	

