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Website: <http://www.oriental.ac.in/oct-bhopal/>

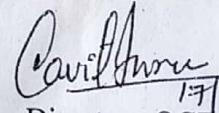
ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14
Director, OCT

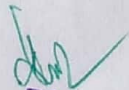
Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Copy to:

1. Academic Committee
2. All HoD's, OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Registration Form

Name:.....
 Enrollment No.....
 Branch:.....
 Semester:.....
 Address.....

 City & Pin.....
 E-mail id.....
 Contact No:.....
 Place:
 Signature
 Date:

Rahul
 Signature with Seal
 Head of the Department



CHIEF PATRONS

Dr. K. L. Thakral
 Founder Chairman, Oriental Group of Institutes and
 Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
 Chairman, Oriental Group of Institutes
 Mrs. Niraj Ghei
 Chair Person, Oriental College of Technology,
 Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
 Director, OCT, Bhopal

CONVENOR

Dr. Rahul Dubey
 Mobile: 7987186230
 octhodec@oriental.ac.in

COURSE COORDINATOR

Mr. Abhigyanam Giri
 Mobile: 7566601006
 Mr. Kapil Gupta
 Mobile: +917869317894

ORGANISING COMMITTEE MEMBERS

Mr. Kapil Gupta
 Mr. Amish Jha

CONTACT

Dr. Rahul Dubey
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 Mr. Kapil Gupta
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**Oriental College of Technology,
Bhopal**



Value Added Course

on
"PCB Designing"
 [25-29, September, 2017]
 For II -Year Students

In Association with



Organised By

Department of Electronics & Communication
 Engineering

Dr. Ranjeeta Khare
 Director
 Oriental College of Technology,
 Thakral Nagar, Raisen Road,
 Bhopal - 462021
 Phone: 2520026, 2529057, Fax: 0755-2529472

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal- Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology, offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc.

Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.

ABOUT THE DEPARTMENT

The Department of Electronics & Communication is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams. The core competency of the Department is in the area of VLSI, Arduino & Embedded System.



The EC Department offers M.Tech Course in Electronics along with Undergraduate Program (B.E/ B.Tech) with an intake of 18 and 120 respectively.

ABOUT THE COURSE

Electronics & Communication Engineering department organizing "PCB Designing", the Value Added course which can provide benefits to the participants in many ongoing research areas in latest technologies. Printed circuit boards are used in all but the simplest electronic products.

OBJECTIVES & CONTENTS

This program is designed to provide circuit board designers with a balanced foundation of theoretical knowledge and practical skills in schematic capture and design documentation.

- ✓ To know latest's trends in PCB Designing.
- ✓ To know the basics of bread board.
- ✓ To know the basics of layout designing through software.
- ✓ To know the basics of etching, drilling, component mounting, testing procedure.

ELIGIBILITY

The Second year Students of Electronics & Communication Engineering branch are eligible to attend the PCB designing course.

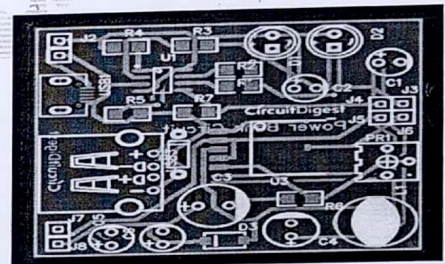
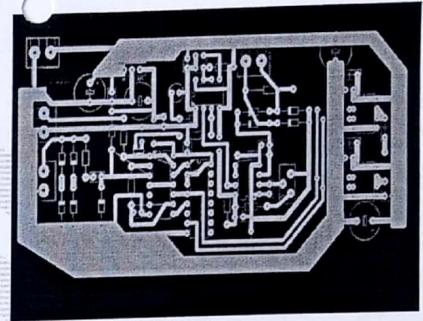
REGISTRATION

No Registration fees.

INVITED SPEAKERS

Mr. Abhigyanam Giri

Director, Ind Eyes Pvt. Ltd. Bhopal



Head of Department
Electronics & Communication Engineering
Oriental College of Technology, Bhopal

Director
Oriental College of Technology
Thakral Nagar,
Bhopal
Paisen Road

Oriental College of Technology, Bhopal

Electronics & Communication Engineering

Value Added Course: PCB Designing

Course Code: EC 20001

Module 1

Computerized capture of electronic designs

Introduction to all types of electronics components, bread board and testing/measuring instruments. Practical verification of electronic components with Multimeter. Creation of symbolic representation of circuits (schematic diagram), Searching, loading and, placing of components, Wiring connections between components, Updating component, information in PCB layout (Auto packaging), Different tools used for PCB designing

Module 2

Introduction of PROTUEUS ARES software for PCB designing

Introduction to PROTUEUS ARES software, connecting the schematic from ISIS to ARES for netlisting, selecting the components footprints as per design, picking and placing the components, making new footprints, assigning footprint to components.

Module 3

Introduction to PCB Layout

PCB Structure and Standards, Tracks, Pads and Vias, Netlist, Design of PCB layout of a circuit, Define the Board Outline, etching & drilling of PCB, Place the components, Routing of the components Manual and Automatic, Detection and repair of Design rules violation, clearance errors and missing or incomplete connections, 3D View of the designed board.

Module 4

Analysis Components

Debugging Tools, Thermal Analysis and Electromagnetic Analysis, Multisim MCU Module, Source Code Editor, MCU Design Overview, MCU Wizard, Building an MCU Workspace, Errors and Warnings, Simulation of Machine Code File, Multisim MCU Module Source Code Editor, Opening a Debug View, Debug Window Settings, Simulation Markers, Breakpoints, Memory View, Miscellaneous Problem for Multisim.

Module 5: PCB Designings

Making circuit on PCB Design Software, Deploying basic circuits from paper to schematic window. Testing the schematic for errors, Making Board Layout, Checking for errors and finalizing layout. Testing and troubleshooting: once your PCB is ready, Various trouble shooting techniques are applied.

Head of Department
Electronics & Communication Engineering
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SCHEDULE

Five Days Value Added Course on PCB Designing [25-Sep-2017 To 29-Sep-2017]

25 Sep 2017		
Time	Session	Teacher
9:30-10:00 AM	Inauguration	
10:00 AM-12:30PM	Introduction to Bread Board and different active and passive components	Mr. Abhigyanam
12:30-1:10PM	LUNCH	
01:10-3:10PM	Practice Session on Bread Board using components	Mr. Abhigyanam
3:10 -3:30PM	Break	
03:30-5:30PM	Introduction to PCB and accessories	Mr. Abhigyanam
26 Sep 2017		
Time	Session	Teacher
9:00-11:00AM	Practice Session on PCB	Mr. Kapil Gupta
11:00-11:30AM	Break	
11:30-01:00PM	Practice Session on PCB including layout designing through software	Mr. Abhigyanam
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice Session on PCB including layout pasting over PCB	Mr. Abhigyanam
27 Sep 2017		
Time	Session	Teacher
9:00-11:00AM	Etching & Drilling of PCB	Mr. Kapil Gupta
11:00-11:30AM	Break	
11:30-01:00PM	Component mounting	Mr. Kapil Gupta
01:00-1:40PM	LUNCH	
01:40-4:30PM	Testing of PCB	Mr. Abhigyanam
28 Sep 2017		
Time	Session	Teacher
9:00-11:00AM	Assignment :Designing of Alarm circuit	Mr. Abhigyanam
11:00-11:30AM	Break	
11:30-01:00PM	Class Room Assessment	Mr. Kapil Gupta
01:00-1:40PM	LUNCH	
01:40-4:30PM	Testing of PCB	Mr. Amish Jha
29 Sep 2017		
Time	Session	Teacher
9:00-11:00AM	Assignment :Designing of Digital lock circuit using [01110]	Mr. Amish Jha
11:00-11:30AM	Break	
11:30-01:00PM	Objective Test	Mr. Kapil Gupta
01:00-1:40PM	LUNCH	
01:40-2:30PM	Testing of PCB and Assignment submission	Mr. Abhigyanam
2:30-3:30PM	Feedback from students	Mr. Abhigyanam
3:30-4:30 PM	Valedictory & Certificate distribution	Mr. Abhigyanam



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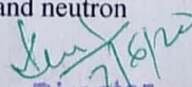
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Value Added course on PCB Designing
Objective Test (MCQ), Date: 25-29 Sep, 2017

Branch :	Electronics & Communication Engineering		
Semester:	3 rd	Max. Marks-50	Minimum Marks:25
Subject:	PCB Designing	Subject Code: EC 20001	Time :1:30 Hrs
Note	The question from 1 to 30 is of 1 marks each. The question from 31 to 40 is of 2 marks each.		

- 1) PCB stands for,
a) Printing Circuit Board b) Printout Circuit Board c) Printed Circuit Board d) None of these
- 2) What is the ratio of tin & lead in soldering metal alloy?
a) 50% & 50% b) 20% & 80% c) 10% & 90% d) 60% & 40%
- 3) Resistibility has a relation with
a) Length of the material b) Width of the Material c) Cross section area of the material d) All of them
- 4) Color code for 1 ohm resistance is –
a) Black, Brown, Gold b) Brown, Black Gold c) Both of them d) None of them
- 5) If a circuit uses 1200 volts at 800mA, what is the input power?
a) 1000 watts b) 554 watts c) 300 watts d) 960watts
- 6) The three basic meters-voltmeter, ammeter and ohmmeter combined into a case are known as a:
a) Kilometer b) Multimeter c) Wavemeter d) Wattmeter
- 7) The unit of electrical charge is –
a) Coulomb b) Newton c) Ampere d) Volt
- 8) The Ohm is the unit of measure of:
a) Resistance b) Electromotive force c) Current d) Magnetomotive force
- 9) What is the unit of Capacitance?
a) Ohm b) Henry c) Maxwell d) Farad
- 10) The unit of conductance is –
a) Ohm b) Ampere c) Mho d) Voh
- 11) The three basic particles which make up all atoms are the:
a) Coulomb, ampere and electron b) Electron, proton and nucleus
c) Quark, neutron and proton d) Electron, proton and neutron
- 12) No. of electrons in Helium atom
a) 3 b) 2 c) 1 d) None of the above
- 13) Coulomb's law states:
a) Unlike Charges attract and like charges repel. b) Like charges attract and unlike charges repel.


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- 14) Material which have a large number of free electrons are called as:
 a) Inductors b) Insulators c) Semiconductor d) Conductors
- 15) Bend the leads of components at _____ degree angle with PCB.
 a) 40 b) 50 c) 35 d) 45
- 16) If colour code is Red, Brown, Red, Silver then value of R is,
 a) 21 K ohm, 5% b) 22 ohm, 5% c) 2100 ohm, 10% d) 2.2 K ohm, 10%
- 17) A potentiometer is a:
 a) Variable power supply b) Variable resistor
 c) Variable capacitor d) Meter for measuring potential difference
- 18) The Ability of a device or circuit to oppose any change in current flow is:
 a) Capacitance b) Resistance c) Inductance d) Conductance
- 19) The opposition to the movement of electrons is:
 a) Resistance b) Voltage c) Current d) Magnetism
- 20) The device which is used to measure current?
 a) Coulomb meter b) Ammeter c) Voltmeter d) Ohmmeter
- 21) The device which is used to measure Voltage?
 a) Ammeter b) Ohmmeter c) Voltmeter d) Potentiometer
- 22) The device which is used to measure resistance?
 a) Voltmeter b) Ammeter c) Wavemeter d) Ohmmeter
- 23) The nucleus of an atom is located at the center and is composed of:
 a) Electron and Protons b) Protons and Neutrons c) Coulombs and Neutrons d) Electrons and Neutrons
- 24) What measurements can you make using a oscilloscope?
 a) Current, Voltage and resistance b) Voltage, period and frequency
 c) Time, frequency and resistance d) Power, distance and frequency
- 25) The temperature range for soldering process is.....
 A. 40°C to 100°C B. 180°C to 250°C C. 300°C to 500°C D. 600°C to 900°C
- 26) A soldering iron 'bit' is made of.....
 A. Brass B. Tin C. Steel D. Copper
- 27) Heat for soldering process is supplied by.....
 A. Soldering iron B. Induction furnace C. Electric resistance method D. Any of the above
- 28) Soldering iron is made of wedge shape in order to.....
 A. Apply high pressure at edge B. Retain heat C. Retain solder D. Forge welding
- 29) The purpose of using flux in soldering is to.....
 A. Increase fluidity of solder metal B. Fill up gaps left in a bad joint
 C. Carbon steel D. Prevent oxides forming
- 30) The commonly used flux for brazing is.....
 A. Resin B. NH_4Cl C. Borax D. Soft iron



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- 31) The temperature range of brazing process is.....
 A.150°C to 250°C B.250°C to 450°C C.500°C to 700°C D.700°C to 900°C
- 32) The purpose of using borax in brazing is to.....
 A.Replace flux B.Dissolve oxides when heating the work
 C.Accelerate the formation of oxides on the work D.Prevent the spelter from melting too quickly
- 33) The flux in brazing process is used in the form of.....
 A.Powder B.Liquid C.Paste D.Any of the above
- 34) Which among the below mentioned packages does not belong to the category of 'Small Outline Package'?
 a. SO b. SOP c. SOT d. SON
- 35) Which among the below stated soldering methods is also renowned as 'High Frequency Resistance Soldering'?
 a. Iron Soldering b. Furnace Soldering c. Torch Soldering d. Electrical Soldering
- 36) Which among the below mentioned approaches belongs to the category of In-circuit Testing?
 a. Impedance Testing b. Component Testing
 c. Apply Signal and check output d. All of the above
- 37) High current circuits are purposely located or placed near the edge of PCB in accordance to the supply lines for _____
 a. Removal of heat b. Isolation of stray current c. Reduction of path length d. All of the above
- 38) Which phenomenon is not reduced by the circuit paths of lowest impedances especially provided by power and return planes for shielding purposes?
 a. Radiation b. Convection c. Noise d. Crosstalk
- 39) Which among the below specified assertions is not a grounding consideration associated with ADC as well as DAC?
 a. Analog side to analog ground b. Digital side to digital ground
 c. Use of separate power supply and connection of their ground leads to single point reference
 d. Reduction of inductive loop area between power and return traces
- 40) Which among the below stated devices/equipments are preferred for elimination of ground and supply line noise especially in TTL/CMOS / ECL PCB designing?
 a. Coupling capacitor b. Decoupling capacitor c. Snubber circuits d. All of the above

CLASS ROOM ASSESSMENT

Max Marks:50

Min Marks:25

Q. Designing of Digital lock circuit using [0110]

Q. Design differential amplifier circuit using PCB.



(Signature)
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 Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: PCB Designing

Course Code : EC 20001

Students Attendance Sheet , 25-29 Sep-2017

S.NO.	ENROLL NO	NAME OF STUDENT	25 Sep	26 Sep	27 Sep	28 Sep	29 Sep
1	0126EC161001	ABHISHEK KUMAR	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
2	0126EC161002	ABHISHEK KUMAR	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
3	0126EC161003	ABHISHEK MISHRA	abhishek	abhishek	abhishek	abhishek	abhishek
4	0126EC161004	ABHISHEK RAJ	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
5	0126EC161005	ADITYA OJHA	ADSENT	ABSENT	ABSENT	ABSENT	ABSENT
6	0126EC161006	AKANSHA SHUKLA	Ak	Ak	Ak	Ak	Ak
7	0126EC161007	AMAN KUMAR SINGH	aman	aman	aman	aman	aman
8	0126EC161008	AMIT KUMAR	Amit	Amit	Amit	Amit	Amit
9	0126EC161009	ANAM KHAN	Anam	Anam	Anam	Anam	Anam
10	0126EC161010	ANIMESH SRIVASTAVA	Animesh	Animesh	Animesh	Animesh	Animesh
11	0126EC161011	ANJALI PATEL	Anjali	Anjali	Anjali	Anjali	Anjali
12	0126EC161012	ANJALI SHARMA	Anjali	Anjali	Anjali	Anjali	Anjali
13	0126EC161013	ANMOL CHATURVEDI	Achata	Achata	Achata	Achata	Achata
14	0126EC161014	ANSHU RAJ	Anshu	Anshu	Anshu	Anshu	Anshu
15	0126EC161015	ANUBHA SHRIVASTAVA	Anubha	Anubha	Anubha	Anubha	Anubha
16	0126EC161016	ANUBHAV KUMAR SINGH	Anubhav	Anubhav	Anubhav	Anubhav	Anubhav
17	0126EC161017	ANUJ PRATAP SINGH PARMAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
18	0126EC161018	ANUJA SHRIVASTAVA	Anuja	Anuja	Anuja	Anuja	Anuja
19	0126EC161019	ANURAG KUMAR SINGH	Anurag	Anurag	Anurag	Anurag	Anurag
20	0126EC161020	APARAJITA PATHAK	Apathak	Apathak	Apathak	Apathak	Apathak
21	0126EC161021	APOORVA AGRAWAL	Apoorva	Apoorva	Apoorva	Apoorva	Apoorva
22	0126EC161023	ASHITA HARINKHEDE	Ashita	Ashita	Ashita	Ashita	Ashita
23	0126EC161024	ASHUTOSH SISODIYA	ashutosh	ashutosh	ashutosh	ashutosh	ashutosh
24	0126EC161025	AWDHESH PATERIYA	Awdhesh	Awdhesh	Awdhesh	Awdhesh	Awdhesh
25	0126EC161026	AYUSH KUMAR	Akumar	Akumar	Akumar	Akumar	Akumar
26	0126EC161027	BELAL AHMAD	Belal Ahmad	Belal Ahmad	Belal Ahmad	Belal Ahmad	Belal Ahmad
27	0126EC161028	BHARAT JESWANI	Bharat	Bharat	Bharat	Bharat	Bharat
28	0126EC161029	CETNA SHARMA	Chetan	Chetan	Chetan	Chetan	Chetan
29	0126EC161030	DEEPANSH SHUKLA	Deepansh	Deepansh	Deepansh	Deepansh	Deepansh
30	0126EC161032	DEVANSHU BHARGAVA	Devanshu	Devanshu	Devanshu	Devanshu	Devanshu
31	0126EC161033	DIVAKAR KUMAR	Dikumar	Dikumar	Dikumar	Dikumar	Dikumar
32	0126EC161034	DIVYANSHU SHEKHAR	Divansh	Divansh	Divansh	Divansh	Divansh
33	0126EC161035	DRUSHTI KAPSE	D.kapse	D.kapse	D.kapse	D.kapse	D.kapse
34	0126EC161036	FILZA ALI	Filza	Filza	Filza	Filza	Filza
35	0126EC161037	HARSH RAJ	Harsh	Harsh	Harsh	Harsh	Harsh
36	0126EC161038	HARSHIT PAL	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
37	0126EC161039	HARSHITA KUMBHARE	Harshita	Harshita	Harshita	Harshita	Harshita
38	0126EC161040	HEMANT SINGH BISHT	Hemant	Hemant	Hemant	Hemant	Hemant
39	0126EC161041	HIMANSHU PATHAK	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
40	0126EC161042	HRISHIKA GHOSH	Hrishika	Hrishika	Hrishika	Hrishika	Hrishika
41	0126EC161043	JANHAVI GUPTA	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi
42	0126EC161044	KAVYA SHRIVASTAVA	Kavya	Kavya	Kavya	Kavya	Kavya
43	0126EC161045	KESHAR SINGH	Kesar	Kesar	Kesar	Kesar	Kesar

Head of Department
Electronics & Communication Engineering
Oriental College of Technology, Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: PCB Designing

Course Code : EC20001

Students Attendance Sheet

S.NO.	ENROLL NO	NAME OF STUDENT	25 Sep	26 Sep	27 Sep	28 Sep	29 Sep
44	0126EC161046	KRITI	Kriti	Kriti	Kriti	Kriti	Kriti
45	0126EC161047	KULDEEP SONI	K Soni	K Soni	K Soni	K Soni	K Soni
46	0126EC161048	KUNAL PARWATE	Kunal	Kunal	Kunal	Kunal	Kunal
47	0126EC161049	LAVISH SHARMA	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
48	0126EC161050	MAHIMA SINGH JADOUN	M.S.Jadoun	M.S.Jadoun	M.S.Jadoun	M.S.Jadoun	M.S.Jadoun
49	0126EC161051	MANISH RAJPUT	Manish	Manish	Manish	Manish	Manish
50	0126EC161052	MANOSHI MUKHERJEE	M	M	M	M	M
51	0126EC161053	MEENAL GUPTA	Meenal	Meenal	Meenal	Meenal	Meenal
52	0126EC161054	NABEEL SIDDIQUI	N	N	N	N	N
53	0126EC161055	NAMAN CHATURVEDI	Naman	Naman	Naman	Naman	Naman
54	0126EC161057	NANCY JAIN	Nancy	Nancy	Nancy	Nancy	Nancy
55	0126EC161058	NEHA YADAV	Neha Yadav	Neha Yadav	Neha Yadav	Neha Yadav	Neha Yadav
56	0126EC161059	NIKHIL DEVKAR	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
57	0126EC161060	NIRAJ KUMAR	Niraj	Niraj	Niraj	Niraj	Niraj
58	0126EC161061	NISHAT ANJUM	Anjum	Anjum	Anjum	Anjum	Anjum
59	0126EC161062	NITISH KUMAR	Nitish	Nitish	Nitish	Nitish	Nitish
60	0126EC161063	NOVESHIK SEWANI	Nsh	Nsh	Nsh	Nsh	Nsh
61	0126EC161064	PRAJWAL SARWAIKAR	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
62	0126EC161065	PRANAY MAHESHWARI	Pranay	Pranay	Pranay	Pranay	Pranay
63	0126EC161066	PRASHANT KUMAR DAS	P.K.DAS	P.K.DAS	P.K.DAS	P.K.DAS	P.K.DAS
64	0126EC161067	PREM KUMAR	Pk	Pk	Pk	Pk	Pk
65	0126EC161068	PRIYA GUPTA	Priya	Priya	Priya	Priya	Priya
66	0126EC161069	PRIYA SINGH	P Singh	P Singh	P Singh	P Singh	P Singh
67	0126EC161070	PRIYANKA KUMARI	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
68	0126EC161071	PRIYANKA PANDEY	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
69	0126EC161072	PUJA KUMARI	Pujale	Pujale	Pujale	Pujale	Pujale
70	0126EC161074	RADHA H SOMAN	Radha Soman	Radha Soman	Radha Soman	Radha Soman	Radha Soman
71	0126EC161075	RAJVEER SINGH RATHORE	Rajveer Singh	Rajveer Singh	Rajveer Singh	Rajveer Singh	Rajveer Singh
72	0126EC161076	RITIK JAIN	Ritik	Ritik	Ritik	Ritik	Ritik
73	0126EC161077	RIYA BHARGAVA	Riya	Riya	Riya	Riya	Riya
74	0126EC161078	RIYA JAIN	Riya	Riya	Riya	Riya	Riya
75	0126EC161079	ROHAN SAINY	ABSENT	ABSENT	ABSENT	ABSENT	Rohan
76	0126EC161080	ROHAN SHRIRANG	Rohan	Rohan	Rohan	Rohan	Rohan
77	0126EC161081	RUCHITA DUBEY	RD	RD	RD	RD	RD
78	0126EC161082	SAKSHI BHAGWAT	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
79	0126EC161083	SAKSHI KURIL	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
80	0126EC161084	SANKET NAMPALLIWAR	Sanket	Sanket	Sanket	Sanket	Sanket
81	0126EC161085	SARTHAK DREBARI	Sarthak	Sarthak	Sarthak	Sarthak	Sarthak
82	0126EC161086	SARVESH SHARMA	Sarvesh	Sarvesh	Sarvesh	Sarvesh	Sarvesh
83	0126EC161087	SHABHINAV SHARMA	Shabhinav	Shabhinav	Shabhinav	Shabhinav	Shabhinav
84	0126EC161088	SHEETAL UPADHYAY	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal
85	0126EC161089	SHIVAM AGRAWAL	Shivam	Shivam	Shivam	Shivam	Shivam
86	0126EC161090	SHIVAM KUMAR	S.Kumar	S.Kumar	S.Kumar	S.Kumar	S.Kumar



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: PCB Designing

Course Code : EC20001

Students Attendance Sheet

S.NO.	ENROLL NO	NAME OF STUDENT	25 Sep	26 Sep	27 Sep	28 Sep	29 Sep
87	0126EC161091	SHIVANI TIWARI	Shivani	Shivani	Shivani	Shivani	Shivani
88	0126EC161092	SHRADDHA SRIVASTAVA	SS	SS	SS	SS	SS
89	0126EC161093	SHRIYA JOSHI	Shriya	Shriya	Shriya	Shriya	Shriya
90	0126EC161094	SHRUTI	Shruti	Shruti	Shruti	Shruti	Shruti
91	0126EC161095	SHRUTI HAJARE	Shrutijare	Shrutijare	Shrutijare	Shrutijare	Shrutijare
92	0126EC161096	SHRUTI SONI	Shruti	Shruti	Shruti	Shruti	Shruti
93	0126EC161097	SHUBHAM BOHARE	Shubham	Shubham	Shubham	Shubham	Shubham
94	0126EC161098	SIDDHARTH SHRIVASTAVA	Siddharth	Siddharth	Siddharth	Siddharth	Siddharth
95	0126EC161100	SNEH SOURAV	Sneh	Sneh	Sneh	Sneh	Sneh
96	0126EC161102	SONIYA SINGH	Soniya	Soniya	Soniya	Soniya	Soniya
97	0126EC161103	SOUMYA VERMA	Sv	Sv	Sv	Sv	Sv
98	0126EC161104	SOURABH SAHU	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh
99	0126EC161105	SOURABH SINGH	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh
100	0126EC161106	SUCHITA SONI	Suchita	Suchita	Suchita	Suchita	Suchita
101	0126EC161107	SUPRIYA ASAṬI	Supriya	Supriya	Supriya	Supriya	Supriya
102	0126EC161109	SWARNIM DUBEY	Swarnim	Swarnim	Swarnim	Swarnim	Swarnim
103	0126EC161110	SWARNIM SHARMA	Swarnim	Swarnim	Swarnim	Swarnim	Swarnim
104	0126EC161111	SWETA GUPTA	Sweta	Sweta	Sweta	Sweta	Sweta
105	0126EC161112	TANAY AGRAWAL	Tanay	Tanay	Tanay	Tanay	Tanay
106	0126EC161113	TWINKLE DANḠE	TD	TD	TD	TD	TD
107	0126EC161114	UJJWAL KUMAR	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal
108	0126EC161115	UTTAM SHARMA	Uttam	Uttam	Uttam	Uttam	Uttam
109	0126EC161116	VAIBHAV SOLANKI	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
110	0126EC161117	VIKASH KUMAR	VK	VK	VK	VK	VK
111	0126EC161119	VIVEK VERMA	Vivek	Vivek	Vivek	Vivek	Vivek

Head of Department
 Electronics & Communication Engineering
 Oriental College of Technology, Bhopal

(Signature)
 Director

Oriental College of Technology
 Thakral Nagar, Raisen Road
 Bhopal



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: PCB Designing

Course Code : EC 20001

Students Assessment Sheet, 25-29 Sep 2017

S.NO.	ENROLL NO	NAME OF STUDENT	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible for Certificate or not
1	0126EC161001	ABHISHEK KUMAR	38	34	72	Yes
2	0126EC161002	ABHISHEK KUMAR	26	32	58	Yes
3	0126EC161003	ABHISHEK MISHRA	28	30	58	Yes
4	0126EC161004	ABHISHEK RAJ	35	38	73	Yes
5	0126EC161005	ADITYA OJHA	A	A	0	No
6	0126EC161006	AKANSHA SHUKLA	32	30	62	Yes
7	0126EC161007	AMAN KUMAR SINGH	28	26	54	Yes
8	0126EC161008	AMIT KUMAR	35	38	73	Yes
9	0126EC161009	ANAM KHAN	38	34	72	Yes
10	0126EC161010	ANIMESH SRIVASTAVA	26	32	58	Yes
11	0126EC161011	ANJALI PATEL	28	30	58	Yes
12	0126EC161012	ANJALI SHARMA	35	38	73	Yes
13	0126EC161013	ANMOL CHATURVEDI	32	30	62	Yes
14	0126EC161014	ANSHU RAJ	20	20	40	No
15	0126EC161015	ANUBHA SHRIVASTAVA	28	26	54	Yes
16	0126EC161016	ANUBHAV KUMAR SINGH	35	38	73	Yes
17	0126EC161017	ANUJ PRATAP SINGH PARMAR	A	A	0	No
18	0126EC161018	ANUJA-SHRIVASTAVA	44	44	88	Yes
19	0126EC161019	ANURAG KUMAR SINGH	28	30	58	Yes
20	0126EC161020	APARAJITA PATHAK	35	38	73	Yes
21	0126EC161021	APOORVA AGRAWAL	32	30	62	Yes
22	0126EC161023	ASHITA HARINKHEDE	32	30	62	Yes
23	0126EC161024	ASHUTOSH SISODIYA	28	26	54	Yes
24	0126EC161025	AWDHESH PATERIYA	35	38	73	Yes
25	0126EC161026	AYUSH KUMAR	38	34	72	Yes
26	0126EC161027	BELAL AHMAD	26	32	58	Yes
27	0126EC161028	BHARAT JESWANI	44	44	88	Yes
28	0126EC161029	CHETNA SHARMA	44	44	88	Yes
29	0126EC161030	DEEPANSH SHUKLA	32	30	62	Yes
30	0126EC161032	DEVANSHU BHARGAVA	15	15	30	No
31	0126EC161033	DIVAKAR KUMAR	38	34	72	Yes
32	0126EC161034	DIVYANSHU SHEKHAR	26	32	58	Yes
33	0126EC161035	DRUSHTI KAPSE	28	30	58	Yes
34	0126EC161036	FILZA ALI	35	38	73	Yes
35	0126EC161037	HARSH RAJ	32	30	62	Yes
36	0126EC161038	HARSHIT PAL	A	A	0	No
37	0126EC161039	HARSHITA KUMBHARE	38	34	72	Yes
38	0126EC161040	HEMANT SINGH BISHT	26	32	58	Yes
39	0126EC161041	HIMANSHU PATHAK	28	30	58	Yes
40	0126EC161042	HRISHIKA GHOSH	35	38	73	Yes
41	0126EC161043	JANHAVI GUPTA	32	30	62	Yes
42	0126EC161044	KAVYA SHRIVASTAVA	44	44	88	Yes
43	0126EC161045	KESHAR SINGH	44	44	88	Yes
44	0126EC161046	KRITI	44	44	88	Yes
45	0126EC161047	KULDEEP SONI	44	44	88	Yes

Head of Department
Electronics & Communication Engineering

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: PCB Designing

Course Code : EC 20001

Students Assessment Sheet, 25-29 Sep 2017

S.NO.	ENROLL NO	NAME OF STUDENT	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible for Certificate or not
46	0126EC161048	KUNAL PARWATE	32	30	62	Yes
47	0126EC161049	LAVISH SHARMA	A	A	0	No
48	0126EC161050	MAHIMA SINGH JADOUN	28	26	54	Yes
49	0126EC161051	MANISH RAJPUT	35	38	73	Yes
50	0126EC161052	MANOSHI MUKHERJEE	38	34	72	Yes
51	0126EC161053	MEENAL GUPTA	26	32	58	Yes
52	0126EC161054	NABEEL SIDDIQUI	28	30	58	Yes
53	0126EC161055	NAMAN CHATURVEDI	35	38	73	Yes
54	0126EC161057	NANCY JAIN	32	30	62	Yes
55	0126EC161058	NEHA YADAV	32	30	62	Yes
56	0126EC161059	NIKHIL DEVKAR	28	26	54	Yes
57	0126EC161060	NIRAJ KUMAR	35	38	73	Yes
58	0126EC161061	NISHAT ANJUM	38	34	72	Yes
59	0126EC161062	NITISH KUMAR	44	44	88	Yes
60	0126EC161063	NOVESHK SEWANI	44	44	88	Yes
61	0126EC161064	PRAJWAL SARWAIKAR	A	A	0	No
62	0126EC161065	PRANAY MAHESHWARI	38	34	72	Yes
63	0126EC161066	PRASHANT KUMAR DAS	26	32	58	Yes
64	0126EC161067	PREM KUMAR	28	30	58	Yes
65	0126EC161068	PRIYA GUPTA	35	38	73	Yes
66	0126EC161069	PRIYA SINGH	32	30	62	Yes
67	0126EC161070	PRIYANKA KUMARI	38	34	72	Yes
68	0126EC161071	PRIYANKA PANDEY	26	32	58	Yes
69	0126EC161072	PUJA KUMARI	28	30	58	Yes
70	0126EC161074	RADHA H SOMAN	35	38	73	Yes
71	0126EC161075	RAJVEER SINGH RATHORE	32	30	62	Yes
72	0126EC161076	RITIK JAIN	32	30	62	Yes
73	0126EC161077	RIYA BHARGAVA	28	26	54	Yes
74	0126EC161078	RIYA JAIN	28	30	58	Yes
75	0126EC161079	ROHAN SAINY	A	05	05	No
76	0126EC161080	ROHAN SHRIRANG	32	30	62	Yes
77	0126EC161081	RUCHITA DUBEY	38	34	72	Yes
78	0126EC161082	SAKSHI BHAGWAT	26	32	58	Yes
79	0126EC161083	SAKSHI KURIL	28	30	58	Yes
80	0126EC161084	SANKET NAMPALLIWAR	35	38	73	Yes
81	0126EC161085	SARTHAK KATARE	32	30	62	Yes
82	0126EC161086	SAURABH UPADHYAY	32	30	62	Yes
83	0126EC161087	SHAHZAIN SHER KHAN	28	30	58	Yes
84	0126EC161088	SHEETAL UPADHYAY	35	38	73	Yes
85	0126EC161089	SHIVAM AGRAWAL	32	30	62	Yes
86	0126EC161090	SHIVAM KUMAR	38	34	72	Yes
87	0126EC161091	SHIVANI TIWARI	26	32	58	Yes
88	0126EC161092	SHRADHA SRIVASTAVA	28	30	58	Yes
89	0126EC161093	SHRIYA JOSHI	35	38	73	Yes
90	0126EC161094	SHRUTI	28	30	58	Yes

Head of Department
Electronics & Communication Engineering
Oriental College of Technology

Oriental College of Technology
Thakral Nagar, Raisen Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: PCB Designing

Course Code : EC 20001

Students Assessment Sheet, 25-29 Sep 2017

S.NO.	ENROLL NO	NAME OF STUDENT	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible for Certificate or not
91	0126EC161095	SHRUTI HAJARE				
92	0126EC161096	SHRUTI SONI	35	38	73	Yes
93	0126EC161097	SHUBHAM BOHARE	32	30	62	Yes
94	0126EC161098	SIDDHARTH SHRIVASTAVA	38	34	72	Yes
95	0126EC161100	SNEH SOURAV	26	32	58	Yes
96	0126EC161102	SONIYA SINGH	28	30	58	Yes
97	0126EC161103	SOUMYA VERMA	35	38	73	Yes
98	0126EC161104	SOURABH SAHU	28	30	58	Yes
99	0126EC161105	SOURABH SINGH	35	38	73	Yes
100	0126EC161106	SUCHITA SONI	32	30	62	Yes
101	0126EC161107	SUPRIYA ASATI	38	34	72	Yes
102	0126EC161109	SWARNIM DUBEY	44	44	88	Yes
103	0126EC161110	SWARNIM SHARMA	28	30	58	Yes
104	0126EC161111	SWETA GUPTA	35	38	73	Yes
105	0126EC161112	TANAY AGRAWAL	32	30	62	Yes
106	0126EC161113	TWINKLE DANGE	38	34	72	Yes
107	0126EC161114	UJJWAL KUMAR	26	32	58	Yes
108	0126EC161115	UTTAM SHARMA	28	30	58	Yes
109	0126EC161116	VAIBHAV SOLANKI	35	38	73	Yes
110	0126EC161117	VIKASH KUMAR	32	30	62	Yes
111	0126EC161119	VIVEK VERMA	32	30	62	Yes
			28	26	54	Yes

Head of Department
Electronics & Communication Engineering
Oriental College of Technology, Bhopal



[Signature]
Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Course Evaluation/ Feedback Form

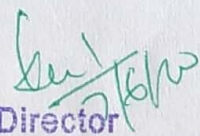
Value Added Course	PCB Designing
Date:	25-29 Sep 2017
Program Location:	Oriental College of Technology, Bhopal
Presenter(s):	Mr. Kapil Gupta, Mr. Amish Jha, Mr. Abhigyanam Giri

Please respond to the following statements by using the 5-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

5=Undecided 4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The instructor is well prepared for class session.	5 (4) 3 2 1
2. The instructor answered all question carefully and completely.	5 (4) 3 2 1
3. The instructor uses example to make material understand.	5 (4) 3 2 1
4. The instructor stimulated interest in the course.	5 (4) 3 2 1
5. The instructor made the course material interesting.	(5) 4 3 2 1
6. The materials provided were sufficient & appropriate for the program.	(5) 4 3 2 1




Director
 Oriental College of Technology
 Thakral Nagar, Raisen Road
 Bhopal

3



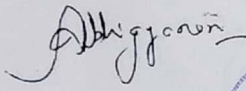
ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Electronics & Communication Engineering




Course Certificate

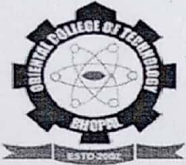
This is to certify that Mr./Ms. BHARAT JESWANI of EC-III Sem, OCT, Bhopal, has Successfully Completed the “Value Added Course” on “PCB Designing” during 25-29 Sep 2017, organized by Department of Electronics & Communication Engineering, Oriental College of Technology, Bhopal.


Coordinator, IndEyes




Head of Department, EC, OCT


Director, OCT
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Electronics & Communication Engineering



Course Certificate

This is to certify that Mr./Ms. SUPRIYA ASATI of EC-III Sem, OCT, Bhopal, has Successfully Completed the “Value Added Course” on “PCB Designing” during 25-29 Sep 2017, organized by Department of Electronics & Communication Engineering, Oriental College of Technology, Bhopal.

Abhigyan

Coordinator, IndEyes



Samit

Head of Department, EC, OCT

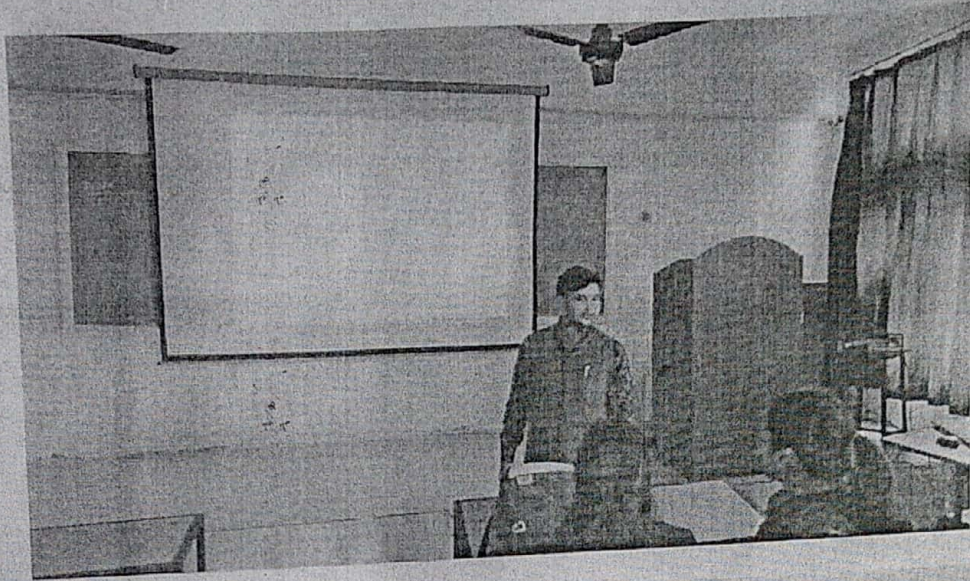
Shri

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Rajesh

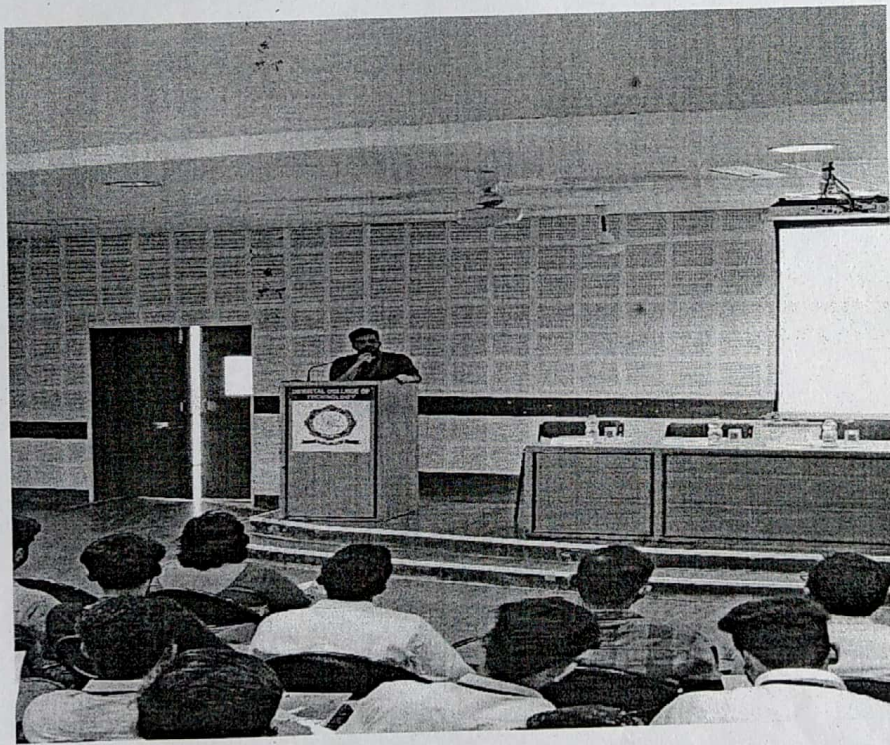
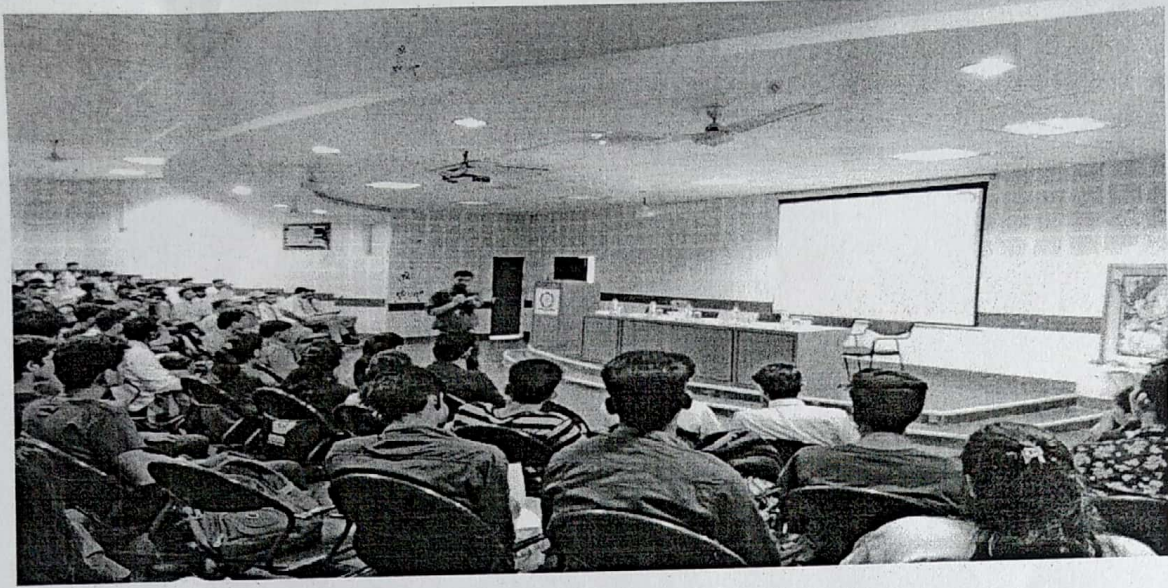
Director, OCT

PCB Designing(Sep. 2017)2016 Admitted Batch



[Signature]
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

[Signature]
Head of Department
Electronics & Communication E.E.
Oriental College of Technology
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Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

[Signature]
Head of Department
Electronics & Communication Engineering
Oriental College of Technology, Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Electronics & Communication Engineering



Report on Value Added Course on PCB Designing

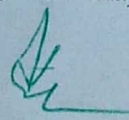
Date and Time: September 25, to September 29, 2017. **Venue:** EC, OCT Campus, **Organized by:** EC, OCT, Bhopal. **Name of the Speakers:** Mr. Abhigyanam Giri, Director IndEyes Infotech Pvt. Ltd., Mr. Amish Ku. Jha, Assistant Professor, EC, OCT & Mr. Kapil Gupta, Assistant Professor, EC, OCT, **Participants Details:** Second year students of Electronics & Communication Engineering.

Summary of the Event

To bridge the gap between the academic and industry need, Value Added Courses are conducted regularly in our College. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. The Value added course Plays an important role in Strengthening the technical skills of undergraduates. In the race of making good and bright career in short span of time, most of the time students neglect the aim and the need of education. In view of this changing pattern and condition of youth education in India, and to guide students on different topics which are not covered under the defined academic syllabus, the Electronics & Communication Engineering Department of Oriental College of Technology in association with IndEyes InfoTech Pvt. Ltd, had organized "**Value Added Course on PCB Designing**" from September 25, to September 29, 2017 for the students of second year.

This Course syllabus was covered by Mr. Abhigyanam Giri, Director IndEyes Infotech Pvt. Ltd., Mr. Amish Ku. Jha, Assistant Professor, EC, OCT & Mr. Kapil Gupta, Assistant Professor, EC, OCT in 30 hrs. of 5-Day program.




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
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On September 25, the course started with the inaugural speech of Dr. Ranjeeta Khare, Director, Oriental College of Technology. In her speech, she emphasized to bridge the gap between the academic and industry need.

On September 25, the Course coordinator, Mr. Abhigyanam Giri, guided all students on the topic "Printed Circuit Board (PCB) Designing". In his speech, he had explained the need for every student to have skills to get a job.

On September 26, Mr. Abhigyanam Giri, explained, how to design layout through software on PCB.

On September 27, Mr. Kapil Gupta, explained, etching and drilling of PCB. Also Testing of PCB was done by Mr. Abhigyanam Giri.

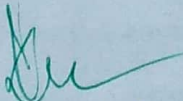
On September 28, Mr. Abhigyanam Giri, given assignment to students on Designing of alarm circuit, after that testing of PCB was done by Mr. Amish Jha.

On September 29, Mr. Amish Jha, has given assignment to students on Designing of digital lock code, then testing of PCB was done.

At last, Dr. Rahul Dubey, Head EC, Convenor of Course gave away the vote of thanks. He thanked Mr. Abhigyanam Giri for providing his valuable time for successful conduction of this course for our students. He also thanked Mr. Amish Ku. Jha & Mr. Kapil Gupta for addressing the student audience on the said topic. At the end he thanked all the faculties, office staff and student volunteers for their support in organizing this program successfully.

Dr. Rahul Dubey
Course Convenor
Head, EC, OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal



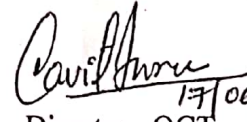
ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14

Director, OCT


Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Copy to:

1. Academic Committee
2. All HoD's, OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Registration Form

CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

**Oriental College of Technology,
Bhopal**



Name:.....

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes

Enrollment No.....

Branch:.....

Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

Semester:.....

Address:.....

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

.....

.....

.....

City & Pin.....

E-mail id.....

Contact No:.....

Place:

Signature

Date:

[Handwritten Signature]



Signature with Seal
Head of the Department

CONVENOR

Mrs. Preeti Gupta
oathodex@oriental.ac.in
Mobile: +917024119755

COURSE COORDINATOR

Mr. Praveen Choudhary
Mobile: +918770913910

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal
ORGANISING COMMITTEE MEMBERS
Mr. Rishabh Shukla
Mr. Kaushal Sen

CONTACT

Mrs. Preeti Gupta
oathodex@oriental.ac.in
Mobile: +917024119755
Mr. Praveen Choudhary
Mobile: +918770913910

Value Added Course

On
"Circuit Designing"
[9th to 13th October 2017]

In Association with



Organised By

Department of Electrical & Electronics
Engineering

Oriental College of Technology,
Thakral Nagar, Raisen Road, Bhopal - 462021
Phone : 2529026, 2529057. Fax: 0755-2529472

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal-Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology, offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc. Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.



ABOUT THE DEPARTMENT

The Department of Electrical & Electronics is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams.

The EX Department offers M.Tech Course in Power Electronics along with Undergraduate Program (B.E/ B.Tech) with an intake of 18 and 120 respectively.

ABOUT THE COURSE

Circuit design using discrete and integrated circuits is one of the most practical courses for electric design engineers. This course fully utilizes knowledge learned in all the fundamental electric and electronic circuits for advanced circuit modeling, design, and simulation..

OBJECTIVES

Develop understanding of practical op amp circuit models, limitations, noises, time- and frequency-domain behaviors, and its role in feedback systems. Develop ability of designing practical circuits through

conceptual, analytical, and simulating stages.

ELIGIBILITY

The Students Electrical & Electronics Engineering branch are eligible to attend the course.

REGISTRATION

No Registration fees.

SPEAKERS

Mr. Lalit Jain

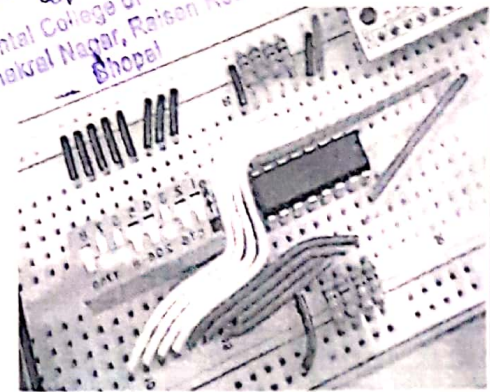
HOD, EX Deptt. OCT Bhopal

Mr. Ashish Bohre

Assistant Prof. EX Deptt. OCT Bhopal

f.m
6/6/20

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Oriental College of Technology, Bhopal

Electrical & Electronics Engineering
Value Added Course: Circuit Designing
Course Code: EX 20001

Module 1

Introduction to Basic Electronics

Basic Electronics Components, Resistor (Ohms Law, Voltage & Current), Capacitors, Diode, Integrated Circuit, LEDs, Transistor, LDR's, Temperature Sensor, Breadboard, Logic Gates.,
Practical Use of Electronics Components like Resistor, Capacitor & Diode.

Module 2

Introduction to Circuit Designing

Introduction, Breadboard Description, Hands on Session-**Circuit 1:** Designing basic Circuit for LED Glowing on breadboard, **Circuit 2:** Buzzer Testing on breadboard., **Circuit 3:** LDR based Light Operating System., **Circuit 4:** Water Tank Full Alert

Module 3

Advanced Circuit Designing

Circuit 5: Dancing Light using Transistor & Six LEDs, **Circuit 6:** Musical Bell (UM66), **Circuit 7:** Morning Alarm depend on Light, **Circuit 8:** Fire Alarm using IC., **Circuit 9:** Siren (Ambulance, Police, Fire) using IC., **Circuit 10:** Logic Gates (AND, OR & NOT) Gate.

Module 4

Introduction to PCB Layout


PCB Structure and Standards, Tracks, Pads and Vias, Netlist, Design of PCB layout of a circuit, Define the Board Outline, etching & drilling of PCB, Place the components, Routing of the components Manual and Automatic, Detection and repair of Design rules violation, clearance errors and missing or incomplete connections, 3D View of the designed board.

Module 4

PCB Designings

Making circuit on PCB Design Software, Deploying basic circuits from paper to schematic window
Testing the schematic for errors, Making Board Layout, Checking for errors and finalizing layout.




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SCHEDULE

5 Days Value Added Course on Circuit Designing [9th to 13th Oct. 2017]

9th Oct 2017

Time	Session	Teacher
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Introduction to Basic Electronics	Mr. Lalit Jain
12:30-1:10PM	LUNCH	
01:10-3:10PM	Arrangement of electronics components	Mr. Lalit Jain
3:10 -3:30PM	Break	
03:30-5:30PM	Practical Use of Electronics Components like Resistor, Capacitor & Diode	Mr. Lalit Jain

10th Oct 2017

Time	Session	Teacher
9:00-11:00AM	Introduction to Circuit Designing	Mr. Lalit Jain
11:00-11:30AM	Break	
11:30-01:00PM	Hands on Session	Mr. Lalit Jain
01:00-1:40PM	LUNCH	
01:40-4:30PM	Hands on Session	Mr. Lalit Jain

11th Oct 2017

Time	Session	Teacher
9:00-11:00AM	Hands on Session	Mr. Ashish Bohre
11:00-11:30AM	Break	
11:30-01:00PM	Hands on Session	Mr. Ashish Bohre
01:00-1:40PM	LUNCH	
01:40-4:30PM	Hands on Session	Mr. Ashish Bohre

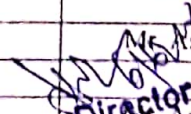
12th Oct 2017

Time	Session	Teacher
9:00-11:00AM	Assignment	Mr. Lalit Jain
11:00-11:30AM	Break	
11:30-01:00PM	Class Room Assessment	Mr. Lalit Jain
01:00-1:40PM	LUNCH	
01:40-4:30PM	Introduction to PCB Layout	Mr. Lalit Jain

13th Oct 2017

Time	Session	Teacher
9:00-11:00AM	Assignment	Mr. Ashish Bohre
11:00-11:30AM	Break	
11:30-01:00PM	Objective Test	Mr. Ashish Bohre
01:00-1:40PM	LUNCH	
01:40-2:30PM	PCB Designings	Mr. Ashish Bohre
2:30-3:30PM	Feedback from students	Mr. Ashish Bohre
3:30-4:30 PM	Certificate distribution	Mr. Ashish Bohre




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Value Added Course On ^{circuit} PCB Designing
Objective Test, Date: 13 oct 2017

Branch:	Electrical & Electronics Engineering		
Semester	3 Sem		Max. marks-50 Minimum marks-25
Subject	Circuit Designing	Subject Code: EX 20001	Time: 1:30 Hrs
Note	All questions are compulsory. Each Question is of 2.5 Marks.		

- Which formula shows a direct proportionality between power and voltage?
 - $V = IR$
 - $P = VI$
 - $P = IR$
 - $I = V/R$
- With 1 mA of current, what wattage rating should a 470 ohm resistor have?
 - 1/4 watt
 - 1/2 watt
 - 1 watt
 - 2 watts
- How is a 3.9 k Ω resistor color-coded?
 - red, white, red, gold
 - red, green, orange, silver
 - orange, white, red, gold




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d) orange, green, orange, silver

4. . Ohm's law is not:

b) $V = IR$

c) $I = V/R$

d) $R = IV$

e) $R = V/I$

5. What are the two major categories for resistors?

a) low and high ohmic value

b) commercial and industrial

c) low and high power value

d) fixed and variable

6. The unit of electrical charge is the

b) coulomb

c) joule

d) volt

e) watt

7. Current flows in a circuit when

b) switch is opened

c) a switch is closed

d) the switch is either open or closed

e) there is no voltage

8. The minimum resistance value for a blue, gray, red, silver resistor is

a) 12Ω

b) 120Ω

c) $.800 \Omega$

d) $.460 \Omega$

9. What is the capacitance when $Q = 60 \mu C$ and $V = 12 V$?

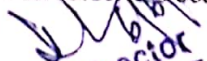
b) $720 \mu F$



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Head of Department
Electrical Engineering
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- c) 5 μ F
d) 50 μ F
e) 12 μ F
10. In photo emissive transducers, electrons are attracted by _____
a) Cathode
b) Anode
c) Grid
d) Body
11. LDR's are also called _____
a) Photo voltaic cell
b) Photo resistive cell
c) Photo emissive cell
d) All of the mentioned
12. Which of the following materials can be used as photoconductive transducer?
a) Selenium
b) Silicon
c) Germanium
d) All of the mentioned
13. Semiconductor layer using silicon and germanium is known as _____
a) Photo diodes
b) Photo junction diodes
c) Photo material
d) Photo sensitive materials
14. What are the two basic types of breadboards?
a) Flat boards and circular boards
b) Plug boards and solder boards
c) Solderless boards and plug boards
d) Connected boards and unconnected boards
15. The advantages of a plug board type of breadboard are ____
a) There are none. Solder boards are the only type of breadboard that should be used
b) They are extremely easy to solder and the connection can last for years even when being vibrated
c) They require very few tools, can be reconfigured easily, and are better than solder boards
d) They can be reused and reconfigured easily and require very few tools
16. Photo transistor is a three terminal device.
a) True
b) False


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17. A sine wave voltage is applied across a capacitor. When the frequency of the voltage is decreased, the current

- a.) increases
- b) remains constant
- c) decreases
- d) increases

18. Which type of solderability testing is carried out for the generation of solder sample due to immersion of wire or sheet metal specimen in a bath of molten solder?

- a) Solder Bath Testing
- b. Meniscus Rise Testing
- c. Solder Iron Testing
- d. None of the above

19. Which among the below stated soldering methods is also renowned as 'High Frequency Resistance Soldering'?


- a. Iron Soldering
- b. Furnace Soldering
- c. Torch Soldering
- d. Electrical Soldering

20. Which among the below mentioned approaches belongs to the category of In-circuit Testing?

- a. Impedance Testing
- b. Component Testing
- c. Apply Signal and check output
- d. All of the above


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Department of Electrical & Electronics Engineering

Value Added Course on Circuit Designing

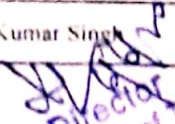
9th Oct. to 13 Oct 2017

No.	Enrollment No.	Name of Student	9/10/2017	10/10/2017	11/10/2017	12/10/2017	13/10/2017
1	0126EX161002	Abhishek Bhargava	A	A	A	A	A
2	0126EX161003	Aman	Aman	Aman	Aman	Aman	Aman
3	0126EX161004	Anbesa	A	A	A	A	A
4	0126EX161005	Ankita Singh Parihar	Ankita	Ankita	Ankita	Ankita	Ankita
5	0126EX161006	Anurag Kumar Tiwari	Anurag	Anurag	Anurag	Anurag	Anurag
6	0126EX161008	Arpit Shrivastava	A	A	A	A	A
7	0126EX161009	Arun Kumar Patel	A	A	A	A	A
8	0126EX161010	Ashish Kumar Choubey	A	A	A	A	A
9	0126EX161011	Bhupendra	Bh	Bh	Bh	Bh	Bh
10	0126EX161012	Chetan Okhade	Ch	Ch	Ch	Ch	Ch
11	0126EX161013	Chitransh Deshmukh	Chit	Chit	Chit	Chit	Chit
12	0126EX161014	Deepak Singh Rathour	D	D	D	D	D
13	0126EX161015	Gopal Ubhare	A	A	A	A	A
14	0126EX161016	Harshit Raj	HRaj	HRaj	HRaj	HRaj	HRaj
15	0126EX161017	Karuna Gokhe	K	K	K	K	K
16	0126EX161018	Madhu Kumari	Madh	Madh	Madh	Madh	Madh
17	0126EX161019	Mamta Vijay Mali	M	M	M	M	M
18	0126EX161020	Manish Kumar Mishra	Manish	Manish	Manish	Manish	Manish
19	0126EX161021	Manish Verma	Manish	Manish	Manish	Manish	Manish
20	0126EX161022	Mudassir Ahmed	Ahmed	Ahmed	Ahmed	Ahmed	Ahmed
21	0126EX161023	Neelesh Pandey	Neelesh	Neelesh	Neelesh	Neelesh	Neelesh
22	0126EX161024	Neha Joshi	Neha	Neha	Neha	Neha	Neha
23	0126EX161025	Nishant Prakash	A	A	A	A	A
24	0126EX161027	Nitin Ekka	A	A	A	A	A
25	0126EX161028	Pradeep Kumar	Bahu	Bahu	Bahu	Bahu	Bahu


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26EX161029	Prakash Dubey	P	P	P	P	P
0126EX161030	Pranjal Vyas	Pr	Pr	Pr	Pr	Pr
6 0126EX161031	Rahul Kumar Yadav	Rahul	Rahul	Rahul	Rahul	Rahul
29 0126EX161032	Raj Anand	Raj	Raj	Raj	Raj	Raj
30 0126EX161034	Rituja Bokade	Ri	Ri	Ri	Ri	Ri
31 0126EX161035	Rivanshu Sharma	Riva	Riva	Riva	Riva	Riva
32 0126EX161037	Sachin Gupta	Sachin	Sachin	Sachin	Sachin	Sachin
33 0126EX161038	Saket Kumar	A	A	A	A	A
34 0126EX161039	Samarth Sharma	S.S	S.S	S.S	S.S	S.S
35 0126EX161040	Satyam Samrat	A	A	A	A	A
36 0126EX161041	Shivani Kushwaha	S	S	S	S	S
37 0126EX161043	Shreya Tamrkar	Shreya	Shreya	Shreya	Shreya	Shreya
38 0126EX161045	Shubham Prakash	Shubham	Shubham	Shubham	Shubham	Shubham
39 0126EX161046	Shubhank Thakur	Shubhank	Shubhank	Shubhank	Shubhank	Shubhank
40 0126EX161047	Siddh	A	A	A	A	A
41 0126EX161048	Sonal Atewar	Sonal	Sonal	Sonal	Sonal	Sonal
42 0126EX161049	Sujal Nagle	Sujal	Sujal	Sujal	Sujal	Sujal
43 0126EX161050	Sumit Ankar	Sumit	Sumit	Sumit	Sumit	Sumit
44 0126EX161051	Sumit Kumar	Sumit	Sumit	Sumit	Sumit	Sumit
45 0126EX161052	Tanya Mohil Sharma	Tanya	Tanya	Tanya	Tanya	Tanya
46 0126EX161053	Tripti Goswami	Tripti	Tripti	Tripti	Tripti	Tripti
47 0126EX161054	Urvashi Dani	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi
48 0126EX161055	Utkarsh Malviya	Utkarsh	Utkarsh	Utkarsh	Utkarsh	Utkarsh
49 0126EX161056	Utkarsh Patel	Utkarsh	Utkarsh	Utkarsh	Utkarsh	Utkarsh
50 0126EX161057	Vaibhav Singh Chauhan	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
51 0126EX161058	Varun Kumar Vaisly	Varun	Varun	Varun	Varun	Varun
52 0126EX161059	Vikas Kumar Singh	A	A	A	A	A


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 Head of Department
 Eastern
 Campus

Oriental College Of Technology, Bhopal

Electrical & Electronics Engineering Department

Value Added Course: Circuit Designing, 9-13 oct 2017

Course Code: EX 20001

ASSESSMENT SHEET

Sno	Enrollment No.	Name of students	Class room assessment score(marks/50)	Objective test score(marks/50)	Total score	Eligible to receive certificate or not
1	0126EX161002	Abhishek Bhargava	40	40	80	Eligible
2	0126EX161003	Aman	37	40	77	Eligible
3	0126EX161004	Anbesa	45	47.5	92.5	Eligible
4	0126EX161005	Ankita Singh Parihar	35	45	80	Eligible
5	0126EX161006	Anurag Kumar Tiwari	45	40	85	Eligible
6	0126EX161008	Arpit Shrivastava	40	40	80	Eligible
7	0126EX161009	Arun Kumar Patel	A	A	0	Not Eligible
8	0126EX161010	Ashish Kumar Choubey	30	45	75	Eligible
9	0126EX161011	Bhupendra	30	30	60	Eligible
10	0126EX161012	Chetan Okhade	35	45	80	Eligible
11	0126EX161013	Chitransh Deshmukh	45.5	30	75.5	Eligible
12	0126EX161014	Deepak Singh Rathour	30	45	75	Eligible
13	0126EX161015	Gopal Ubnare	A	A	0	Not Eligible
14	0126EX161016	Harshit Raj	32	42	74	Eligible
15	0126EX161017	Karuna Gokhe	42	40	82	Eligible
16	0126EX161018	Madhu Kumari	38	40	78	Eligible



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17	0126EX161019	Mamta Vijay Mali	29	40	69	Eligible
18	0126EX161020	Manish Kumar Mishra	30	42	72	Eligible
19	0126EX161021	Manish Verma	28	35	63	Eligible
20	0126EX161022	Mudassir Ahmed	40	47.5	87.5	Eligible
21	0126EX161023	Neelesh Pandey	36	27	63	Eligible
22	0126EX161024	Neha Joshi	48	35	83	Eligible
23	0126EX161025	Nishant Prakash	30	45	75	Eligible
24	0126EX161027	Nitin Ekka	A	A	0	Not Eligible
25	0126EX161028	Pradeep Kumar Sahu	30	45	75	Eligible
26	0126EX161029	Prakash Dubey	30	30	60	Eligible
27	0126EX161030	Pranjal Vyas	35	45	80	Eligible
28	0126EX161031	Rahul Kumar Yadav	45.5	30	75.5	Eligible
29	0126EX161032	Raj Anand	30	45	75	Eligible
30	0126EX161034	Rituja Bokade	32	42	74	Eligible
31	0126EX161035	Rivanshu Sharma	42	40	82	Eligible
32	0126EX161037	Sachin Gupta	38	40	78	Eligible
33	0126EX161038	Saket Kumar	A	A	0	Not Eligible
34	0126EX161039	Samarth Sharma	45.5	30	75.5	Eligible
35	0126EX161040	Satyam Samrat	A	A	0	Not Eligible
36	0126EX161041	Shivam Kushwaha	32	42	74	Eligible
37	0126EX161043	Shreya Tamrkar	42	40	82	Eligible
38	0126EX161045	Shubham Prakash	38	40	78	Eligible
39	0126EX161046	Shubhank Thakur	32	42	74	Eligible
40	0126EX161047	Siddh	A	A	0	Not Eligible



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41	0126EX161048	Sonal Atewar	32	42	74	Eligible
42	0126EX161049	Sujal Nagle	42	40	82	Eligible
43	0126EX161050	Sumit Ankar	45.5	30	75.5	Eligible
44	0126EX161051	Sumit Kumar	27	45	72	Eligible
45	0126EX161052	Tanya Mohil Sharma	40	40	80	Eligible
46	0126EX161053	Tripti Goswami	28	30	58	Eligible
47	0126EX161054	Urvashi Dani	38	40	78	Eligible
48	0126EX161055	Utkarsh Malviya	29	40	69	Eligible
49	0126EX161056	Utkarsh Patel	30	42	72	Eligible
50	0126EX161057	Vaibhav Singh Chauhan	32	42	74	Eligible
51	0126EX161058	Varun Kumar Vaishy	42	40	82	Eligible
52	0126EX161059	Vikas Kumar Singh	A	A	0	Not Eligible




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Course Evaluation/ Feedback Form

Value Added Course	Circuit Designing
Date:	9-13 th oct 2017
Program Location:	Oriental College of Technology, Bhopal
Presenter(s):	Mr. Ashish Bohre

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The Course was well organized.	(4) 3 2 1
2. The Course objectives were stated clearly met.	(4) 3 2 1
3. The information and/or skills presented were relevant and Appropriate.	(4) 3 2 1
4. The presenter(s) provided adequate time for questions and answered them effectively.	(4) 3 2 1
5. The presenter(s) allowed me to work with and learn from others.	4 (3) 2 1
6. The materials provided were sufficient & appropriate for the program.	(4) 3 2 1
7. The physical arrangements were adequate.	(4) 3 2 1




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[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



SESSION: 2017-18

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING CERTIFICATE

THIS IS TO CERTIFY THAT MR. /MS. ABHISHEK BHARGAVA OF EX-III SEM , OCT, BHOPAL,
HAS COMPLETED THE "VALUE ADDED COURSES" ON "CIRCUIT DESIGNING" DURING 9-
13, OCT. 2017, ORGANIZED BY DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING, ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL.

Co-ordinator, EX, OCT



Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

HOD, EX, OCT

Rakhas

Director, OCT

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Electrical & Electronics Engineering



Report on Value Added Course on Circuit Designing

Date and Time: October 09, to October 13, 2017. **Venue:** EX,OCT Campus. **Organized**

By: EX.OCT, , Bhopal. **Name of the Speakers:** Mr. Lalit jain. Preeti Gupta., Assistant., Prof. EX Deptt.
OCT Bhopal, Mr. Ashish Bohre, Assistant Prof. EX Deptt. OCT Bhopal.

Participants Details: II year students of Electrical & Electronics Engineering.

Summary of the Event

This course introduce students to the process, tools and methodology of the PCB layout design. During the course students will develop basic skills in the use of modern PCB layout design software and techniques. Schematics, printed circuit board layouts, symbols, and wiring diagrams will be produced on PC workstation; terminology and the manufacturing process of printed circuit boards will be covered

"Value Added Course on *Circuit Designing*" October 09, to October 13, 2017 for the students of II year .

On January 15, the course started with the inaugural and presidential speech of Dr. Ranjeeta Khare , Director, Oriental College of Technology. In his presidential speech she emphasized on the need to collaborate the academic and the non academic education.

On February 15, the Course coordinator, Praveen Choudhary, guided all students on the topic "*Circuit Designing*". In his speech, he had explained the need for every student to have skills to get a job.

At last, Prof. Preeti Gupta, Head EX, Convenor of Course gave away the vote of thank. He thanked Mr. Lalit jain and Ashish Bohre and all the faculties, office staff and student volunteers for their unconditional support in organizing this Course.

Prof. Preeti Gupta
Course Convenor
EX, OCT



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Adm
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*circuit Designing
09 to 13 October 2017*



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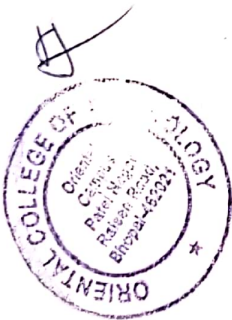


Oriental College of Technology, Bhopal

Date: 17 June 2014

Policy of Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enrol and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Test Score, with minimum of 60% attendance
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Exam Score $\geq 25/50$.
 - c. If one of the 2 criteria is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.



Copy to:

1. Academic Committee
2. All HoD's, OCT

Director, OCT

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Registration Form

Name:.....

Enrollment No.....

Branch:.....

Semester:.....

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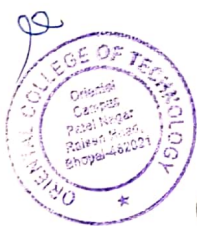
E-mail ID.....

Contact No:.....

Place:

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Date:



Adarsh

Head of Department
Mechanical Engineering

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Head of the Department

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CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes
Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

CONVENOR

Dr. Adarsh Sachdeva
octhodme@oriental.ac.in

COURSE COORDINATOR

Mr. Saumitra Kumar Sharma
Mobile: +919589455704
saumitra204@gmail.com

ORGANISING COMMITTEE MEMBERS

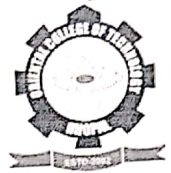
Mr. Amit Pratap Singh Bhadouria
Mr. Dharmendra Yadav
Mr. Anish Pandey
Mr. Shahnawaz Ansari

CONTACT

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Value Added Course

On

“AutoCAD”

[12th – 17th March, 2018]

For II -Year Students

Organised By

Adarsh
Director

Department of Mechanical Engineering
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Oriental College of Technology.

Thakral Nagar, Raisen Road, Bhopal – 462021
Phone: 2529026, 2529057, Fax: 0755-2529472



Oriental College of Technology, Bhopal

Mechanical Engineering
Value added course -AutoCAD
Time Durations – 30Hrs
Course code – ME-20001
Syllabus

Module 1

INTRODUCTION TO AUTOCAD

Starting AutoCAD

AutoCAD Screen Components

Drawing Area, Command Window, Navigation bar, Status bar

Invoking Commands in AutoCAD

Keyboard, Ribbon, Application Menu, Tool Palettes, Menu Bar, Toolbar, Shortcut Menu

AutoCAD Dialog Boxes

Starting a New Drawing

Open a Drawing, Start from Scratch, Use a Template, Use a Wizard

Saving Your Work

Save Drawing as Dialog box

Using the Drawing Recovery Manager to Recover Files

Closing a Drawing

Opening an Existing Drawing

Opening an Existing Drawing Using the Select File Dialog Box, Opening an Existing Drawing Using the Start up Dialog Box, Opening an Existing Drawing Using the Drag and Drop Method

Quitting AutoCAD

Creating and Managing Workspaces

Creating a New Workspace, Modifying the Workspace Settings, Autodesk Exchange, Home

Module 2

GETTING STARTED WITH AUTOCAD

Dynamic Input Mode

Enable Pointer Input, Enable Dimension Input where possible, Show command prompting and command input near the crosshairs, Drafting Tooltip Appearance

Drawing Lines in AutoCAD

The Close Option, Undo Option

Invoking tools Using Dynamic INPUT/Command Prompt

Coordinate Systems

Absolute Coordinate System, Relative Coordinate System, Relative Polar Coordinates, Direct Distance Entry, Erasing Objects, Cancelling and Undoing a Command

Object Selection Methods

Window Selection, Window Crossing Method, Drawing a Circle, BASIC Display Commands

Setting Units Type and Precision

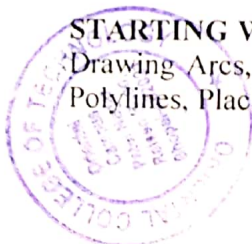
Specifying the Format, specifying the Angle Format

SETTING the Limits OF A DRAWING

Module 3

STARTING WITH ADVANCED SKETCHING

Drawing Arcs, Drawing Rectangles, Drawing Ellipses, Drawing Regular Polygon, Drawing Polylines, Placing Points, Drawing Infinite Lines, Writing a Single Line Drawing



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Module 4

WORKING WITH DRAWING AIDS

Introduction

Understanding the Concept and use of LAYERS

Advantages of Using Layers

Working with Layers

Creating New Layers, Making a Layer Current, Controlling the Display of Layers, Deleting Layers

Object Properties

Changing the Colour, Changing the Line type, changing the Line weight, Changing the Plot Style, Properties Palette, Quick Properties Palette

Drafting Settings dialog box

Setting Grid, Setting Snap, Snap Type

Drawing Straight Lines using the Ortho Mode

Working with Object Snaps

Auto Snap, Endpoint, Midpoint, Nearest, Centre, Tangent, Quadrant, Intersection, Apparent Intersection, Perpendicular, Node, Insertion, Snap to None, Parallel, Extension, From, Midpoint between 2 Points, Temporary Tracking Point, Combining Object Snap Modes

Running Object Snap Mode

Overriding the Running Snap, Cycling through Snaps

Using Auto Tracking

Object Snap Tracking, Polar Tracking, Auto Track Settings

Function and Control Keys

Module 5

PRACTICE SESSION FOR INDIVIDUAL ASSIGNMENTS AND PROJECT



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SCHEDULE

5 Days Value Added Course on AutoCAD [12th – 17th March ,2018]

12 March 2018

Time	Session	Teacher
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Introduction to AutoCAD	Mr. Saumitra Sharma
12:30-1:10PM	LUNCH	
01:10-3:10PM	Starting a New Drawing	Mr. Dharmendra Yadav
3:10 -3:30PM	Break	
03:30-5:30PM	Creating and Managing Workspaces	Mr. APS Bhadouria

13 March 2018

Time	Session	Teacher
9:00-11:00AM	Getting Started With AutoCAD	Mr. Dharmendra Yadav
11:00-11:30AM	Break	
11:30-01:00PM	Coordinate Systems	Mr. APS Bhadouria
01:00-1:40PM	LUNCH	
01:40-4:30PM	Object Selection Methods	Mr. Shah Nawaz Ansari

14 March 2018

Time	Session	Teacher
9:00-11:00AM	Starting With Advanced Sketching	Mr. APS Bhadouria
11:00-11:30AM	Break	
11:30-01:00PM	Drawing Poly lines and Placing Points	Mr. Dharmendra Yadav
01:00-1:40PM	LUNCH	
01:40-4:30PM	Drawing Infinite Lines and Writing a Single Line Text	Mr. Saumitra Sharma

15 March 2018

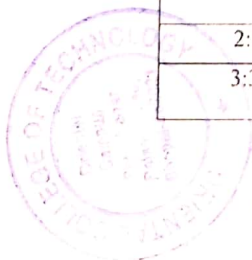
Time	Session	Teacher
9:00-11:00AM	Working With Drawing Aids	Mr. Dharmendra Yadav
11:00-11:30AM	Break	
11:30-01:00PM	Object Properties	Mr. APS Bhadouria
01:00-1:40PM	LUNCH	
01:40-4:30PM	Working with Object Snaps	Mr. Saumitra Sharma

16 March 2018

Time	Session	Teacher
9:00-11:00AM	Practice Session I	Mr. Dharmendra Yadav
11:00-11:30AM	Break	
11:30-01:00PM	Practice Session II	Mr. APS Bhadouria
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice Session III	Mr. Saumitra Sharma

17 March 2018

Time	Session	Teacher
9:00-11:00AM	Practice Session For Individual Assignments And Project	Mr. APS Bhadouria
11:00-11:30AM	Break	
11:30-01:00PM	Objective Test	Mr. Saumitra Sharma
01:00-1:40PM	LUNCH	
01:40-2:30PM	Assignment submission	Mr. APS Bhadouria/ Mr. Dharmendra Yadav
2:30-3:30PM	Feedback from students	Mr. Saumitra Sharma
3:30-4:30 PM	Valedictory & Certificate distribution	Mr. APS Bhadouria/ Mr. Dharmendra Yadav



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Value Added Course on AutoCAD
Objective Test, Date: 17 March 2018

Branch:	Mechanical Engineering	
Semester:	IV Semester	Max. Marks-50 Minimum Marks:25
Subject:	AutoCAD	Time: 1:30Hrs
Note	All questions are compulsory. Each Question is of 2.5 Marks.	

- An arrow appearing after a name in a drop-down menu means that:
 - A command name will appear at the command line
 - A dialog will appear on screen
 - A sub-menu will appear
 - A tool will be activated.
- A tool tip is:
 - The tool name appearing in a rectangle when the cursor is placed on a tool icon
 - The name given to a tool
 - The instruction which appears at the left-hand end of the status bar when a tool is chosen
 - A tip which can be read from the Help screen for a tool.
- To call the Line tool from the command line, the following abbreviation can be entered:
 - lin
 - li
 - l
 - ln.
- When the F6 key of the keyboard is pressed, the following facility is toggled on/off:
 - Snap
 - Ortho
 - DUCS
 - DYN.
- The set variable PELLIPSE can be set to either 0 or 1 when it allows the following actions:
 - When set to 0 the Edit Polyline tool to be used on ellipses
 - When set to 1 the Edit Polyline tool to be used on ellipses
 - When set to 0 it allows ellipses to be drawn with the major axis at any angle
 - When set to 0 ellipses become polylines.
- When saving an AutoCAD 2008 drawing it is filed with the extension:
 - *.drw
 - *.dwg
 - *.dwt
 - *.dg.
- The Dynamic Input (DYN) system can be toggled on/off by pressing which key of the keyboard:
 - F6
 - F7
 - F12
 - F3.
- What is the function of entering commandline at the keyboard:
 - It enables the command line to be used for entering command
 - It brings back the command palette when it has been hidden
 - It can only be used when DYN is set on to allow Dynamic Input to work
 - It places the command palette at the bottom of the screen.




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9. The toolbar at the top of the AutoCAD 2008 window is:
 (a) The Draw toolbar (b) The Modify toolbar
 (c) The Standard toolbar (d) The Properties toolbar
10. The Design Center palette can be opened from the:
 (a) Layer toolbar (b) Properties toolbar (c) Modify toolbar (d) Standard toolbar
11. Press the F9 key of the keyboard for:
 (a) Grid on/off (b) Snap on/off (c) Ortho on/off (d) Osnap on/off
12. In the coordinate system of AutoCAD 2008:
 (a) Positive x figures are to the left
 (b) Positive x figures are to the right
 (c) Positive x figures are in the direction vertically upwards
 (d) Positive x figures are in the direction vertically downwards.
13. Drawing templates are held in files with the file extension:
 (a) *.dwt (b) *.dwg (c) *.bmp (d) *.dwr.
14. A left-click on a name in a drop-down menu showing three dots (...) appearing after the name means that:
 (a) A command name will appear at the command line (b) A dialog will appear on screen
 (c) A sub-menu will appear (d) A tool will be activated.
15. AutoCAD 2008 can be opened with:
 (a) A left-click on the AutoCAD 2008 shortcut icon in the Windows desktop
 (b) By typing acad at the keyboard
 (c) Automatically when the computer is switched on
 (d) By selecting from a list which appears on screen when the computer is switched on.
16. The term dragging means:
 (a) Left-click on an item and the item can be moved to another position on screen
 (b) Double-click on an item. The item can then be moved to another point on screen;
 (c) Holding down the left-hand button of the mouse on an item can be moved to another point on screen
 (d) Press the right-hand button of the mouse. This allows an item to be moved anywhere on screen.
17. The key F9 toggles on/off:
 (a) Snap (b) Ortho (c) Grid (d) DYN.
18. When entering absolute coordinate numbers at the command line, the coordinates are preceded by:
 (a) The letter a (b) The symbol @ (c) The letters ab
 (d) There is no need to enter anything in front of the coordinate numbers
19. The command line abbreviation for the Circle tool is:
 (a) cir (b) c (c) ci (d) cl.
20. The Arc tool can be called by entering the following abbreviation at the command line:
 (a) ar (b) a (c) ac; (d) There is no abbreviation. The name arc must be entered in full.



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Department of Mechanical Engineering

Attendance sheet for value added course on 3D-printing and 3D-scanning AutoCAD

S. No.	ENROLLMENT NO	NAME	12-03-2018	13-03-2018	14-03-2018	15-03-2018	16-03-2018	17-03-2018
1	0126ME161001	AAKASH CHANDRA	P	.	P	P	.	P
2	0126ME161002	AAYUSH SINGHAI	P	P	P	.	P	P
3	0126ME161003	ABHAY KUMAR	.	.	P	.	P	P
4	0126ME161004	ABHISAR GAUTAM	P	.	P	P	.	P
5	0126ME161005	ABHISHEK JAIN	P	P	.	P	.	P
6	0126ME161006	ABHISHEK MISHRA	.	.	.	.	.	.
7	0126ME161007	ABHISHEK MISHRA	P	.	P	P	.	P
8	0126ME161008	ADAMYA SHAH	P	P	P	P	P	P
9	0126ME161009	AKHIL VILATKAR	.	.	.	.	.	.
10	0126ME161010	ALOK MINZ	.	.	.	P	P	P
11	0126ME161011	AMAN SIKARWAR	P	P	.	P	P	.
12	0126ME161012	AMBUJ GAUTAM	.	P	P	.	P	P
13	0126ME161013	ANUJ RAJPUT	P	P	.	P	P	.
14	0126ME161014	ANUPAMA SARATHE	P	P	.	P	P	P
15	0126ME161015	ANURAG SINGH	.	.	P	P	P	.
16	0126ME161016	ARJUN BHADOURIYA	.	.	.	.	.	.
17	0126ME161017	ASHISH TRIPATHI	P	P	.	P	P	.
18	0126ME161018	ASHUTOSH SHARMA	.	.	.	.	.	.
19	0126ME161019	ASWIN NAWANGE	P	P	.	P	P	.
20	0126ME161020	ATUL DWIVEDI	.	.	P	P	P	.
21	0126ME161021	ATUL SURVARIYA	P	P	.	.	P	.
22	0126ME161022	AYUSH DIWAN	.	P	P	P	.	P
23	0126ME161024	BHAVESH KAIGAONKAR	P	.	P	.	P	P
24	0126ME161025	BRAJPAL SINGH	.	.	.	.	.	.
25	0126ME161026	DEEPAK SINGH GOUR	P	.	P	P	.	P
26	0126ME161027	DEVERSHI DUBEY	P	P	.	P	P	.
27	0126ME161028	DIVYANSH TOMAR	P	P	.	P	P	.
28	0126ME161029	DIVYANSHU SINGH	P	.	P	.	P	P
29	0126ME161030	GUFRAH MOHAMMED	.	P	.	P	P	P
30	0126ME161031	HARSH GUPTA	.	.	.	.	.	.
31	0126ME161032	HARSH TIWARI	P	.	P	.	P	P
32	0126ME161033	HIMANSHU KUMAR	P	.	P	.	P	.
33	0126ME161034	HIMANSHU SINGH	.	P	.	P	.	.
34	0126ME161035	KUMAR MANGALAM	P	P	P	P	P	P
35	0126ME161036	KUNAL DONGRE	.	.	.	.	.	.
36	0126ME161037	MADHUR CHATURVEDI	P	.	P	.	P	.
37	0126ME161038	MANOJ VISHWAKARMA	P	P	P	.	P	P
38	0126ME161039	MD FAIYAZ	P	.	P	P	P	.
39	0126ME161040	MD SHARIQUE KHAN	P	P	P	.	P	P
40	0126ME161041	MD JUNED KHAN	.	P	.	P	P	P

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Department of Mechanical Engineering

Attendance sheet for value added course on 3D printing and 3D scanning AutoCAD

S. No.	ENROLLMENT NO	NAME	12-03-2018	13-03-2018	14-03-2018	15-03-2018	16-03-2018	17-03-2018
41	0126ME161042	NAMAN SHRIVASTAVA	P	.	P	P	P	.
42	0126ME161043	NAYAN GUPTA	P	P	P	P	P	P
43	0126ME161044	NIKESH BANDIL	P	.	P	P	.	P
44	0126ME161045	NIMESH TIWARI	P	P	P	P	P	.
45	0126ME161046	NISHANT DUBEY	P	.	P	P	P	P
46	0126ME161047	NITIN MISHRA	P	P	P	P	.	P
47	0126ME161048	OJASHWA TIWARI	P	P	P	P	P	.
48	0126ME161049	PAWAN SINGH	P	P	P	.	P	P
49	0126ME161050	PIYUSH PANDEY	.	P	.	P	P	P
50	0126ME161051	PRABHAT SINGH	P	P	.	P	.	P
51	0126ME161052	PRAJWAL DONGRE	P	P	.	P	.	P
52	0126ME161053	PRANAY TADELE	P	P	P	.	P	P
53	0126ME161054	PRAVEEN KUMAR	.	P	.	P	.	P
54	0126ME161055	RAJAT SINGH	P	P	P	P	P	.
55	0126ME161056	RAJNEESH KUMAR	P	.	P	P	.	P
56	0126ME161057	REVA PRASAD SHUKLA	.	.	.	.	.	.
57	0126ME161058	RISHABH MANDAL	P	P	P	.	P	.
58	0126ME161059	RISHABH SHARMA	P	P	.	P	.	P
59	0126ME161060	ROHIT ASATI	P	.	P	P	.	P
60	0126ME161062	SAHIL SINGH	.	P	.	P	P	P
61	0126ME161063	SAHIL SINGH	P	.	P	.	P	.
62	0126ME161064	SAKSHAM JAIN	P	P	P	.	P	P
63	0126ME161065	SANJEET KUMAR	P	.	P	.	P	P
64	0126ME161066	SANTOSH KUMAR	P	.	P	.	P	.
65	0126ME161067	SARVESH SINGH	P	P	.	P	P	.
66	0126ME161068	SATYAM SMARTH	P	.	P	P	.	P
67	0126ME161069	SAURABH THAKUR	.	.	P	P	.	P
68	0126ME161070	SAURAV KUMAR	P	.	P	P	P	P
69	0126ME161071	SHAHBAZ KHAN	P	P	P	P	P	P
70	0126ME161072	SHAHZEB KHAN	P	.	P	.	P	.
71	0126ME161073	SHASHANK MALVIYA	P	P	P	P	.	P
72	0126ME161074	SHASHANK UPADHYAY	.	.	.	.	.	.
73	0126ME161075	SHASHI DUBEY	P	P	.	P	.	P
74	0126ME161076	SHIKHA KORI	.	P	P	P	.	P
75	0126ME161077	SHIVAKANT MISHRA	P	P	.	.	P	P
76	0126ME161078	SHIVAM PAL	P	.	P	P	P	.
77	0126ME161079	SHUBHAM DONGRE	P	.	P	P	P	P
78	0126ME161080	SHUBHAM KUMAR JHA	.	.	.	.	.	.
79	0126ME161081	SHUBHAM NAMDEO	P	.	P	P	P	P
80	0126ME161082	SHUBHAM PATEL	P	P	.	P	P	P

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Department of Mechanical Engineering

Attendance sheet for value added course on 3D-printing and 3D-scanning AutoCAD

S. No.	ENROLLMENT NO	NAME	12-03-2018	13-03-2018	14-03-2018	15-03-2018	16-03-2018	17-03-2018
81	0126ME161083	SHUBHAM SINGH						
82	0126ME161084	SHYAM SUNDAR TIWAR	P	.	.	.	P	P
83	0126ME161085	SHYAMENDRA PRATAP	P	P	.	P	.	.
84	0126ME161086	SIDDHANT BANARSI	.	P	P	P	P	
85	0126ME161087	SPARSH TYAGI		.	P	P	P	.
86	0126ME161089	SUSHANT SINGH	P P	P	.	P	.	P
87	0126ME161090	TANVEER KUNDNANI	P	P	.	P	P	P
88	0126ME161091	TUSHAR MISHRA	P	P	P	.		.
89	0126ME161092	UDIT VYAS	P	P	.	P	P	P
90	0126ME161093	UTKARSH BANSAL	P	P	.	P	P	P
91	0126ME161094	VIKRANT GAYKWAD	.	P	P	.	P	P
92	0126ME161095	VINIT SINGH BAGHEL	P	.	P	P	.	P
93	0126ME161096	VISHAL KUSHWAHA	.	P	P	P	P	P
94	0126ME161097	WAQUAR AHMAD	P	P	.	.	P	P
95	0126ME173D01	HARIOM TIWARI	P	.	P	P	P	P




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Mechanical Engineering Department

Value Added Course: AutoCAD , 12th – 17th March ,2018

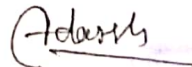
Course Code: ME 20001

ASSESSMENT SHEET

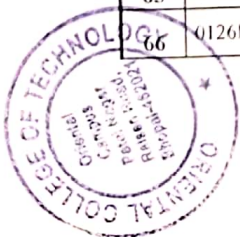
Sr.No.	Enroll NO.	Name of Student	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible to Receive Certificate or not
1	0126ME161001	AAKASH CHANDRA	26	40	66	Eligible
2	0126ME161002	AA YUSH SINGHAI	32	45	77	Eligible
3	0126ME161003	ABHAY KUMAR	31	47.5	78.5	Eligible
4	0126ME161004	ABHISAR GAUTAM	42	40	82	Eligible
5	0126ME161005	ABHISHEK JAIN	37	40	77	Eligible
6	0126ME161006	ABHISHEK MISHRA	A	A	A	Not Eligible
7	0126ME161007	ABHISHEK MISHRA	45	47.5	92.5	Eligible
8	0126ME161008	ADAMYA SHAH	35	40	75	Eligible
9	0126ME161009	AKHIL VILATKAR	A	A	A	Not Eligible
10	0126ME161010	ALOK MINZ	35	40	75	Eligible
11	0126ME161011	AMAN SIKARWAR	45	45	90	Eligible
12	0126ME161012	AMBUJ GAUTAM	45	40	85	Eligible
13	0126ME161013	ANUJ RAJPUT	40	42.5	82.5	Eligible
14	0126ME161014	ANUPAMA SARATHE	35	40	75	Eligible
15	0126ME161015	ANURAG SINGH	38	40	78	Eligible
16	0126ME161016	ARJUN BHADOURIYA	32	45	77	Eligible
17	0126ME161017	ASHISH TRIPATHI	31	47.5	78.5	Eligible
18	0126ME161018	ASHUTOSH SHARMA	A	A	A	Not Eligible
19	0126ME161019	ASWIN NAWANGE	35	42.5	77.5	Eligible
20	0126ME161020	ATUL DWIVEDI	26	40	66	Eligible
21	0126ME161021	ATUL SURVARIYA	28	40	68	Eligible
22	0126ME161022	AYUSH DIWAN	35	42.5	77.5	Eligible
23	0126ME161024	BHAVESH KAIGAONKAR	40	47.5	87.5	Eligible
24	0126ME161025	BRAJPAL SINGH	A	A	A	Not Eligible
25	0126ME161026	DEEPAK SINGH GOUR	29	40	69	Eligible
26	0126ME161027	DEVERSHI DUBEY	35	40	75	Eligible
27	0126ME161028	DIVYANSH TOMAR	30	30	60	Eligible
28	0126ME161029	DIVYANSHU SINGH	35	35	70	Eligible
29	0126ME161030	GUFRAAN MOHAMMED	42	40	82	Eligible
30	0126ME161031	HARSH GUPTA		A	A	Not Eligible




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 Oriental College of Technology, Bhopal

31	0126ME161032	HARSH TIWARI	37	40	77	Eligible
32	0126ME161033	HIMANSHU KUMAR	38	40	78	Eligible
33	0126ME161034	HIMANSHU SINGH	32	45	77	Eligible
34	0126ME161035	KUMAR MANGALAM	31	47.5	78.5	Eligible
35	0126ME161036	KUNAL DONGRE	A	A	A	Not Eligible
36	0126ME161037	MADHUR CHATURVEDI	35	42.5	77.5	Eligible
37	0126ME161038	MANOJ VISHWAKARMA	42	40	82	Eligible
38	0126ME161039	MD FAIYAZ	38	40	78	Eligible
39	0126ME161040	MD SHARIQUE KHAN	37	40	77	Eligible
40	0126ME161041	MD JUNED KHAN	35	35	70	Eligible
41	0126ME161042	NAMAN SHRIVASTAVA	42	40	82	Eligible
42	0126ME161043	NAYAN GUPTA	38	40	78	Eligible
43	0126ME161044	NIKESH BANDIL	37	40	77	Eligible
44	0126ME161045	NIMESH TIWARI	38	40	78	Eligible
45	0126ME161046	NISHANT DUBEY	38	40	78	Eligible
46	0126ME161047	NITIN MISHRA	32	45	77	Eligible
47	0126ME161048	OJASHWA TIWARI	31	47.5	78.5	Eligible
48	0126ME161049	PAWAN SINGH	40	42.5	82.5	Eligible
49	0126ME161050	PIYUSH PANDEY	35	42.5	77.5	Eligible
50	0126ME161051	PRABHAT SINGH	26	40	66	Eligible
51	0126ME161052	PRAJWAL DONGRE	32	45	77	Eligible
52	0126ME161053	PRANAY TADELE	31	47.5	78.5	Eligible
53	0126ME161054	PRAVEEN KUMAR	42	40	82	Eligible
54	0126ME161055	RAJAT SINGH	40	42.5	82.5	Eligible
55	0126ME161056	RAJNEESH KUMAR	35	42.5	77.5	Eligible
56	0126ME161057	REVA PRASAD SHUKLA	A	A	A	Not Eligible
57	0126ME161058	RISHABH MANDAL	32	45	77	Eligible
58	0126ME161059	RISHABH SHARMA	31	47.5	78.5	Eligible
59	0126ME161060	ROHIT ASATI	40	42.5	82.5	Eligible
60	0126ME161062	SAHIL SINGH	35	42.5	77.5	Eligible
61	0126ME161063	SAHIL SINGH	26	40	66	Eligible
62	0126ME161064	SAKSHAM JAIN	42	40	82	Eligible
63	0126ME161065	SANJEET KUMAR	38	40	78	Eligible
64	0126ME161066	SANTOSH KUMAR	32	45	77	Eligible
65	0126ME161067	SARVESH SINGH	31	47.5	78.5	Eligible
66	0126ME161068	SATYAM SMARTH	35	35	70	Eligible



2

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Head of Department
Oriental College of Technology, Bhopal

67	0126ME161069	SAURABH THAKUR	A	A	A	Not Eligible
68	0126ME161070	SAURAV KUMAR	38	40	78	Eligible
69	0126ME161071	SHAHBAZ KHAN	38	40	78	Eligible
70	0126ME161072	SHAHZEB KHAN	32	45	77	Eligible
71	0126ME161073	SHASHANK MALVIYA	31	47.5	78.5	Eligible
72	0126ME161074	SHASHANK UPADHYAY	A	A	A	Not Eligible
73	0126ME161075	SHASHI DUBEY	35	42.5	77.5	Eligible
74	0126ME161076	SHIKHA KORI	35	42.5	77.5	Eligible
75	0126ME161077	SHIVAKANT MISHRA	40	42.5	82.5	Eligible
76	0126ME161078	SHIVAM PAL	38	40	78	Eligible
77	0126ME161079	SHUBHAM DONGRE	32	45	77	Eligible
78	0126ME161080	SHUBHAM KUMAR JHA	A	A	A	Not Eligible
79	0126ME161081	SHUBHAM NAMDEO	35	35	70	Eligible
80	0126ME161082	SHUBHAM PATEL	42	40	82	Eligible
81	0126ME161083	SHUBHAM SINGH	35	42.5	77.5	Eligible
82	0126ME161084	SHYAM SUNDAR TIWAR	40	42.5	82.5	Eligible
83	0126ME161085	SHYAMENDRA PRATAP	38	40	78	Eligible
84	0126ME161086	SIDDHANT BANARSI	26	40	66	Eligible
85	0126ME161087	SPARSH TYAGI	32	45	77	Eligible
86	0126ME161089	SUSHANT SINGH	31	47.5	78.5	Eligible
87	0126ME161090	TANVEER KUNDNANI	40	42.5	82.5	Eligible
88	0126ME161091	TUSHAR MISHRA	35	35	70	Eligible
89	0126ME161092	UDIT VYAS	42	40	82	Eligible
90	0126ME161093	UTKARSH BANSAL	35	42.5	77.5	Eligible
91	0126ME161094	VIKRANT GAYKWAD	40	42.5	82.5	Eligible
92	0126ME161095	VINIT SINGH BAGHEL	38	40	78	Eligible
93	0126ME161096	VISHAL KUSHWAHA	32	45	77	Eligible
94	0126ME161097	WAQUAR AHMAD	31	47.5	78.5	Eligible
95	0126ME173D01	HARIOM TIWARI	40	42.5	82.5	Eligible

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Head of Department
Mechanical Engineering
Oriental College of Technology, Bhopal
(Handwritten signature)
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Thakral Nagar, Raisen Road
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COURSE EVALUATION/ FEEDBACK FORM

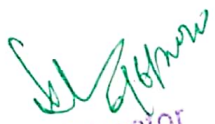
Value Added Course	AutoCAD
Date:	12th – 17th March ,2018
Program Location:	Oriental College of Technology, Bhopal
Presenter(s):	Mr. Saumitra Sharma

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The Course objectives were stated clearly and met.	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1
2. The Course was well organized.	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1
3. The information and/or skills presented were relevant and useful	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1
4. The presenter(s) provided adequate time for questions and answered them effectively.	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1
5. The presenter(s) allowed me to work with and learn from others.	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1
6. The materials provided were sufficient & appropriate for the program.	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1
7. The physical arrangements were adequate.	4 3 2 1 <input checked="" type="radio"/> 4 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 1




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AutoCAD

March 12, to March 17, 2018.



Su
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Oriental Campus, Raisen Road, Bhopal-462021 (MP) [INDIA]



Session: 2017-18

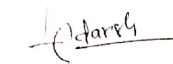
Department of Mechanical Engineering

CERTIFICATE

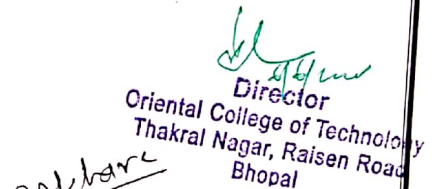
This is to certify that Mr./Ms. **AAKASH CHANDRA** student Of 2nd YEAR, OCT, Bhopal, has Completed the “Value Added Course” on “AutoCAD” during 12th – 17th March ,2018 organized by Department of Mechanical Engineering, Oriental College of Technology, Bhopal.




Coordinator, ME, OCT



HOD, ME, OCT


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Director, OCT

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Mechanical Engineering



Report on Value Added Course on AutoCAD

Date and Time:	March 12, to March 17, 2018.
Venue:	Mechanical Engineering Department, OCT Campus.
Organized by:	Mechanical Engineering Department, OCT, Bhopal.
Name of the Speakers:	Mr. Saumitra Sharma, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal, Mr. A P S Bhadouria, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal, Mr. Dharmendra Yadav, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal, Mr. Shahnawaz Ansari, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal.
Participants Details:	Second year students of Mechanical Engineering.

Summary of the Event

The Value added course Play an important role in Strengthening the technical skills of undergraduates. In the race of making good and bright career in short span of time, most of the time students neglect the aim and the need of education. In view of this changing pattern and condition of youth education in India, and to guide students on different topics which are not covered under the defined academic syllabus, the Mechanical Engineering Department of Oriental College of Technology, had organized "Value Added Course on AutoCAD" from March 12, to March 17, 2018 for the students of second year .

This Course syllabus was covered by Mr. Saumitra Sharma, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal, Mr. A P S Bhadouria, Assistant Professor, Department of


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Mechanical Engineering, OCT, Bhopal, Mr. Dharmendra Yadav, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal, Mr. Shah Nawaz Ansari, Assistant Professor, Department of Mechanical Engineering, OCT, Bhopal in 30 Hrs. of 6-Day program.

On March 12, the course started with the inaugural and presidential speech of Dr. Ranjeeta Khare, Director, Oriental College of Technology. In his presidential speech she emphasized on the need to collaborate the academic and the non academic education.

On March 12, the Course coordinator, Mr. Saumitra Sharma, guided all students on the topic "AutoCAD". In his speech, he had explained the need for every student to have skills to get a job. He also explained about brief introduction of AutoCAD. Mr. Dharmendra Yadav and Mr. APS Bhadouria also explained some more details of AutoCAD workbench.

On March 13, Mr. Dharmendra Yadav, explained, how to start AutoCAD. Mr. APS Bhadouria explained, about coordinate system and Mr. Shah Nawaz Ansari explained, about object selection methods.

On March 14, Mr. APS Bhadouria, explained, how to do advance sketching. Mr. Dharmendra Yadav explained, how to place different lines and points and Mr. Saumitra Sharma explained, how to write a single line text.

On March 15, Mr. Dharmendra Yadav, explained, details of drawing aids. Mr. APS Bhadouria explained, different object properties and Mr. Saumitra Sharma explained, how to work with object snaps.

On March 16, Practice sessions taken by Mr. Dharmendra Yadav, Mr. APS Bhadouria and Mr. Saumitra Sharma.

On March 17, Mr. APS Bhadouria, has given assignment to students on modelling of different IC-engine parts.

At last, Dr. Adarsh Sachdeva, Head ME, Convenor of Course gave away the vote of thank. He thanked to all speaker for providing valuable time for successful conduction of this course for our students. At the end he thanked all the faculties, office staff and student volunteers for their unconditional support in organizing this Course.

Dr. Adarsh Sachdeva

Course Convenor

ME, OCT




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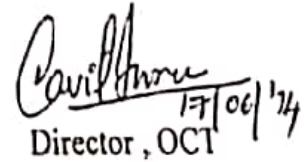
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Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if:
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14

Director, OCT

Director

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Copy to:

1. Academic Committee
2. All HoD's, OCT




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Bhopal



Value Added Course

On

"AUTOCAD"

11/09/2017 to 15/09/2017

2nd -Year Students

Organized By

Department of Civil Engineering

Oriental College of Technology,
Thakral Nagar, Raisen Road, Bhopal -
462021

Phone: 2529026, 2529057, Fax: 0755-
2529472

CHIEF PATRONS

Dr. K. L. Thakral

Founder Chairman, Oriental Group of Institutes and Chancellor,
Oriental University, Indore

PATRONS

Shri. Praveen Thakral

Chairman, Oriental Group of Institutes

Mrs. Niraj Ghei

Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare

Director, OCT, Bhopal

CONVENOR

Mr. Manish Kumar Sharma

octhodce@oriental.ac.in

Mobile: +919425672395

COURSE COORDINATOR

Mr. Alok Goyal

Mobile: 9713648401

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal- Jabalpur)
India established in the year 1995 is a self financed
premier education group imparting education in the
disciplines of Engineering, Pharmacy, Management and
Advanced Computer Studies. The Oriental College of

Technology offers six under graduate Bachelor
Engineering courses and three post graduate, M.Tech
Technology courses. The college is having an excellent
library, internet lab, modern labs for each department,
central workshop, sports & games facilities etc.
Bhopal, the capital of Madhya Pradesh, is also known as
city of lakes. It is well connected to all parts of
country by rail and air.

ABOUT THE DEPARTMENT

The Department of Civil Engineering is a major part
of the institute. The Department has an excellent
of faculty with experience in teaching, Industry,
Research. The state-of-art facilities and competent
faculties provide an excellent climate for the all
development of the students. It has well qualified
committed and motivated faculty members with
specialization in various streams. The core competencies
of the Department is in the area of AUTOCAD
Designing.

ABOUT THE COURSE

Civil Engineering plays prominent role in every aspect
and vital role in development of Nation. "AUTO CAD"
is Value Added course which will provide benefits to
participants in many ongoing research areas in
technologies.



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Registration Form

OBJECTIVES & CONTENTS

AutoCAD is computer-aided design (CAD) software that architects, engineers and construction professionals rely on to create precise 2D and 3D drawings. Draft and edit 2D geometry and 3D models with solids, surfaces and mesh objects. Annotate drawings with text, dimensions, leaders and tables.

✓ **AutoCAD as an 2D-engineering drafting tool:**
You can use AutoCAD to draw accurate 2D drawings for any engineering domain and also use AutoCAD to render 3D models to help in visualization of the end product. It helps engineers to design, analyze and solve design issues resulting in accurate designs.

✓ **3D View:** AutoCAD help model 3D objects with colors, materials and/or textures applied to various surfaces making them vivid and easier for the user to visualize the end product.

✓ **Accuracy:** AutoCAD enables you to draw with fractional dimensions and also define precision to any number of decimal places, which is not possible to achieve in hand-drafted manual drawings, hence offering accuracy in all dimensions.

ELIGIBILITY

The Second year Students of Civil Engineering branch is eligible to attend the AUTOCAD course.

Name:.....

Enrollment No.....

Branch:.....

Semester:.....

Address.....

.....

.....

.....

City & Pin.....

E-mail id.....

Contact No:.....

Signature

Place:

Date:

Signature with Seal
Head of the Department



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ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Civil Engineering

AUTO CAD

Value added course
Time Durations – 30 Hrs
CE-20001

Course coordinator – Mr. Alok Goyal

Session- 1

1. Introduction
2. Computer Hardware and Software Concepts
3. Introduction of Personal Computer and Operating Systems WINDOWS-XP, Windows-7, File Management

Session- 2

1. Construction of plane and complex geometrical figures
2. Principles of Projections
3. Projections of Straight Lines and Solids
4. Section of Solids

Session- 3

1. Setting up a drawing starting from scratch
2. Setting up a drawing using a Wizard
3. Using and creating a template file
4. Opening an existing drawing
5. Screen layout
6. Pull-down menus
7. Screen icons
8. Command line
9. status bar
10. Dialogue boxes
11. Drawing Commands
12. Lines, Ray, Construction Line
13. Multiline and polylines
14. Rectangles
15. Arc, Circle and Ellipse
16. Polygon, Spline


Session- 4

1. Co-ordinate input methods (directive, absolute, relative and polar)
2. Starting a New Drawing/Opening an existing drawing
3. Drawing Commands
4. Hatching Command Text (multi-line & single line) and Formatting Text Styles
5. View Commands & Drawing Settings and Aids
6. Modify Command – 1) Hatching 2) Text (multi-line & single line) and Formatting Text Styles
7. Dimension Command Formatting Dimension Style and Multi-leader Style
8. Drawing Settings and Aids
9. Saving and Plotting

Session- 5

1. Individual Project & Team Project




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Department of Civil Engineering Value Added Course - AUTOCAD Schedule

Date - 11/09/2017 to 15/09/2017

11/09/2017

Time	Modules	Faculties
9:30-10:00 AM	Inaugurations Ceremony	Mr. Manish Kumar Sharma
10:00 AM-12:30PM	Introduction to AUTOCAD software	
12:30-1:10PM	Lunch time	Mr. Alok Goyal
01:10-3:10PM	Learning basics of drawings	
3:10 -3:30PM	Break	Mr. Dharmendra Singh Dangi
03:30-5:30PM	Introduction to 2D & 3D Drawings	

12/09/2017

Time	Session	Teacher
9:00-11:00AM	Introductions to principle of projection	Mr. Manish Kumar Sharma
11:00-11:30AM	Break	Mr. Alok Goyal
11:30-01:00PM	Arc, circle and ellipse	
01:00-1:40PM	Lunch	Mr. Alok Goyal
01:40-4:30PM	Introductions to Sections of Solids	

13/09/2017

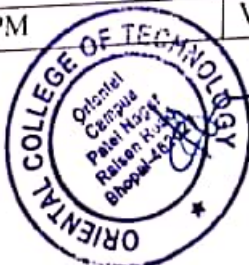
Time	Session	Teacher
9:00-11:00AM	Learning of 3D drawing	Mr. Alok Goyal
11:00-11:30AM	Break	Mr. Dharmendra Singh Dangi
11:30-01:00PM	Various Structural elements such as staircase	
01:00-1:40PM	Lunch time	Mr. Alok Goyal
01:40-4:30PM	Drawing various structural elements of a building	

14/09/2017

Time	Session	Teacher
9:00-11:00AM	Practice Session on Various commands of AUTOCAD	Mr. Alok Goyal
11:00-11:30AM	Break	Mr. Manish Kumar Sharma
11:30-01:00PM	Practice Session on 2D & 3D drawing	
01:00-1:40PM	Lunch time	Mr. Alok Goyal
01:40-4:30PM	Saving & plotting commands	

15/09/2017

Time	Session	Teacher
9:00-11:00AM	Assignment :Designing of 1 BHK plan	Mr. Alok Goyal
11:00-11:30AM	Break	Mr. Dharmendra Singh Dangi
11:30-01:00PM	Objective Test	
01:00-1:40PM	Lunch time	Mr. Alok Goyal
01:40-2:30PM	Submission of 3D plan and Assignment submission	Mr. Alok Goyal
2:30-3:30PM	Feedback from students	Mr. Manish Kumar Sharma
3:30-4:30 PM	Valedictory & Certificate distribution	



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Civil Engineering
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ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Civil Engineering

Value Added Course on AUTO CAD

Multiple Choice Test

Date: 15/09/2017

Branch:	Civil Engineering		Max. Marks-50 Minimum Marks:25
Semester:	Third Semester		
Subject:	AUTO CAD	Subject Code: CE 20001	Time: 1:30Hrs
Note	All questions are compulsory. Each Question is of 5 Marks.		

Multiple Choice Questions

1. The toolbar at the top of the AutoCAD 2008 window is:
(a) The Draw toolbar
(b) The Modify toolbar
(c) The Standard toolbar
(d) The Properties toolbar
2. The DesignCenter palette can be opened from the:
(a) Layer toolbar
(b) Properties toolbar
(c) Modify toolbar
(d) Standard toolbar
3. Press the F9 key of the keyboard for:
(a) Grid on/off
(b) Snap on/off
(c) Ortho on/off
(d) Osnap on/off
4. In the coordinate system of AutoCAD 2008:
(a) Positive x figures are to the left
(b) Positive x figures are to the right
(c) Positive x figures are in the direction vertically upwards
(d) Positive x figures are in the direction vertically downwards.
5. Drawing templates are held in files with the file extension:
(a) *.dwt
(b) -*.dwg
(c) *.bmp
(d) *.dwr.



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6. A left-click on a name in a drop-down menu showing three dots (...) appearing after the name means that:

- (a) A command name will appear at the command line
- (b) A dialog will appear on screen
- (c) A sub-menu will appear
- (d) A tool will be activated.

7. AutoCAD 2008 can be opened with:

- (a) A left-click on the AutoCAD 2008 shortcut icon in the Windows desktop
- (b) By typing acad at the keyboard
- (c) Automatically when the computer is switched on
- (d) By selecting from a list which appears on screen when the computer is switched on.

8. The term dragging means:

- (a) Left-click on an item and the item can be moved to another position on screen
- (b) Double-click on an item. The item can then be moved to another point on screen;
- (c) Holding down the left-hand button of the mouse on an item can be moved to another point on screen
- (d) Press the right-hand button of the mouse. This allows an item to be moved anywhere on screen.

9. An arrow appearing after a name in a drop-down menu means that:

- (a) A command name will appear at the command line
- (b) A dialog will appear on screen
- (c) A sub-menu will appear
- (d) A tool will be activated.

10. To call the Line tool from the command line, the following abbreviation can be entered:

- (a) lin
- (b) li
- (c) l
- (d) ln.



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Department of Civil Engineering
AUTO CAD (Value Added Course)

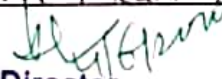
Course Code: CE 20001


Date - 11/09/2017 to 15/09/2017

ATTENDANCE SHEET

Sr. No.	Enroll NO.	Name of Student	9/11/2017	9/12/2017	9/13/2017	9/14/2017	15-Sep-17
1	0126CE161001	AAMIR UDDIN KHAN	A	A	A	A	A
2	0126CE161002	ABHINAV DHAKRE	dhak	dhak	dhak	dhak	dhak
3	0126CE161003	AKASH KUMAR	A.k	A.k	A.k	A.k	A.k
4	0126CE161004	AKSHAT SINHA	Sinha	Sinha	Sinha	Sinha	Sinha
5	0126CE161005	AKSHAY PORIYA	Poriya	Poriya	Poriya	Poriya	Poriya
6	0126CE161006	AMIT KUMAR SINGH	Singh	Singh	Singh	Singh	Singh
7	0126CE161008	ANIKET SHUKLA	Aniket	Aniket	Aniket	Aniket	Aniket
8	0126CE161009	ANKIT SHARMA	Ash	Ash	Ash	Ash	Ash
9	0126CE161010	ANOOPI KUMAR SINGH	Anoo	Anoo	Anoo	Anoo	Anoo
10	0126CE161011	ANSHU KUMAR	Anshu	Anshu	Anshu	Anshu	Anshu
11	0126CE161012	ARPIT SABLE	ABS	ABS	ABS	ABS	ABS
12	0126CE161013	ARVIND KUMAR SAHU	Sahu	Sahu	Sahu	Sahu	Sahu
13	0126CE161016	CHANDRAKETU SHARMA	Sharma	Sharma	Sharma	Sharma	Sharma
14	0126CE161017	DEEPESH SINGH	Singh	Singh	Singh	Singh	Singh
15	0126CE161018	DEVANSH PANDEY	Pandey	Pandey	Pandey	Pandey	Pandey
16	0126CE161019	DEVASHISH MISHRA	M.D	M.D	M.D	M.D	M.D
17	0126CE161020	DIK KUMAR TIWARI	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari
18	0126CE161021	DIVYOT SINGH KAINTH	Dsingh	Dsingh	Dsingh	Dsingh	Dsingh
19	0126CE161022	DIVYANSHI SHUKLA	ABS	ABS	ABS	ABS	ABS
20	0126CE161023	DIVYANSHI SHUKLA	ABS	ABS	ABS	ABS	ABS
21	0126CE161024	DIWAKAR SINGH PARMAR	Parma	Parma	Parma	Parma	Parma
22	0126CE161025	GAURAV KUMAR SHUKLA	Shukla	Shukla	Shukla	Shukla	Shukla
23	0126CE161026	HARSHITA MALVIYA	Harshit	Harshit	Harshit	Harshit	Harshit
24	0126CE161027	JASWANT KUMAR GAUTAM	Gautam	Gautam	Gautam	Gautam	Gautam
25	0126CE161028	K SHIREYAS NAIDU	Naidu	Naidu	Naidu	Naidu	Naidu
26	0126CE161029	KARAN KUMAR	Raman	Raman	Raman	Raman	Raman
27	0126CE161030	KARTIK KUMAR	Kar	Kar	Kar	Kar	Kar
28	0126CE161031	KHUSHI BHALAVI	Bhalavi	Bhalavi	Bhalavi	Bhalavi	Bhalavi
29	0126CE161032	KRISHAN KUMAR RAI	Rai	Rai	Rai	Rai	Rai
30	0126CE161033	KULDEEP SHARMA	Sharma	Sharma	Sharma	Sharma	Sharma
31	0126CE161034	M D ATIF	Ati	Ati	Ati	Ati	Ati
32	0126CE161035	MAHERSHI GARG	Garg	Garg	Garg	Garg	Garg
33	0126CE161036	MANISH KUMAR	Manish	Manish	Manish	Manish	Manish
34	0126CE161037	MD FAHAD KHAN	ABS	ABS	ABS	ABS	ABS
35	0126CE161038	MD SAMEER	ABS	ABS	ABS	ABS	ABS
36	0126CE161039	MOHD ABRAR AHMED	Ahm	Ahm	Ahm	Ahm	Ahm
37	0126CE161040	MOHD ASIF KHAN	ABS	ABS	ABS	ABS	ABS
38	0126CE161041	MOHIT KHARE	Mhr	Mhr	Mhr	Mhr	Mhr
39	0126CE161042	NAAZ FAREEN ANSARI	NZ	NZ	NZ	NZ	NZ
40	0126CE161043	NIKHIL VISHWAKARMA	Nikh	Nikh	Nikh	Nikh	Nikh
41	0126CE161044	NILESH KUMAR CHAURASIA	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh
42	0126CE161045	NIRESH TIWARI	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari
43	0126CE161046	PRABHAV KHARE	ABS	ABS	ABS	ABS	ABS
44	0126CE161047	PRADIP CHAUHAN	Chau	Chau	Chau	Chau	Chau
45	0126CE161048	PRAJYOT MISHRA	P.Mishra	P.Mishra	P.Mishra	P.Mishra	P.Mishra
46	0126CE161049	FRANSHI KUMAR SINHA	Sinha	Sinha	Sinha	Sinha	Sinha
47	0126CE161050	PREMSAGAR KUMAR	Ram	Ram	Ram	Ram	Ram





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 Civil Engineering
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48	0126CE161051	PRISCILLA DAS	Das	Das	Das	Das	Das
49	0126CE161052	RAJAT SHARMA	Sharma	Sharma	Sharma	Sharma	Sharma
50	0126CE161053	RAKESH YADUWANSHI	ABS	ABS	ABS	ABS	ABS
51	0126CE161054	RAVI RAJ	Raj	Raj	Raj	Raj	Raj
52	0126CE161055	RITIK KUMAR SHUKLA	Ritik	Ritik	Ritik	Ritik	Ritik
53	0126CE161056	RITURAJ PATIL	Patil	Patil	Patil	Patil	Patil
54	0126CE161057	RUDRA KANT PATIL	Patil	Patil	Patil	Patil	Patil
55	0126CE161059	SACHIN GARG	Garg	Garg	Garg	Garg	Garg
56	0126CE161061	SAMYAK JAIN	Jain	Jain	Jain	Jain	Jain
57	0126CE161062	SANDEEP JOSHI	Joshi	Joshi	Joshi	Joshi	Joshi
58	0126CE161063	SHASHANK ARTANI	Artani	Artani	Artani	Artani	Artani
59	0126CE161064	SHIVAM DWIVEDI	Dwivedi	Dwivedi	Dwivedi	Dwivedi	Dwivedi
60	0126CE161065	SHIVANSHU BHADORIYA	SD	SD	SD	SD	SD
61	0126CE161066	SHUBHAM BHARDWAJ	SBhard	SBhard	SBhard	SBhard	SBhard
62	0126CE161067	SHUBHI SINGH	ABS	ABS	ABS	ABS	ABS
63	0126CE161068	SHUKLA SUJOY GYANENDRA	Singh	Singh	Singh	Singh	Singh
64	0126CE161069	SUYASH PRIYADARSHI	Priyadarshi	Priyadarshi	Priyadarshi	Priyadarshi	Priyadarshi
65	0126CE161070	SYED RAVISH HUSSAIN	husain	husain	husain	husain	husain
66	0126CE161071	TARUN SONI	Soni	Soni	Soni	Soni	Soni
67	0126CE161072	UJJWAL KUMAR	ABS	ABS	ABS	ABS	ABS
68	0126CE161073	UJJWAL SAXENA	ABS	ABS	ABS	ABS	ABS
69	0126CE161074	UTSAV TIWARI	utsva	utsva	utsva	utsva	utsva
70	0126CE161075	YASH TRIVEDI	ABS	ABS	ABS	ABS	ABS
71	0126CE161076	YOGESH KUMAR VISHWAKARMA	yogesh	yogesh	yogesh	yogesh	yogesh
72	0126CE161077	RAHUL KEER	Keer	Keer	Keer	Keer	Keer




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 Department of Engineering
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Department of Civil Engineering

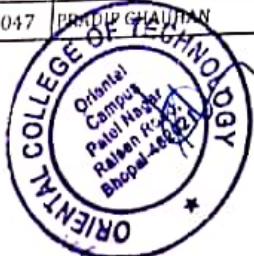
AUTO CAD (Value Added Course)

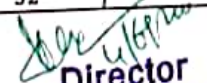
Course Code: CE 20001


Date - 11/09/2017 to 15/09/2017

ASSESSMENT SHEET

Sr. No.	Enroll NO.	Name of Student	Class Room Assessment Marks	Objective Type Test Marks	Total Marks obtained	Certificate status
1	0126CE161001	AAMIR UDDIN KHAN	28	40	68	Eligible
2	0126CE161002	ADHISHK DHAKRE	35	40	75	Eligible
3	0126CE161003	AKASH KUMAR	40	45	85	Eligible
4	0126CE161004	AKSHAT SINHA	45	45	90	Eligible
5	0126CE161005	ANSHAY INRIYA	45	40	85	Eligible
6	0126CE161006	AMIT KUMAR SINGH	35	40	75	Eligible
7	0126CE161008	ANIKET SHUKLA	35	45	80	Eligible
8	0126CE161009	ANKIT SHARMA	40	40	80	Eligible
9	0126CE161010	ANOOF KUMAR SINGH	44	45	89	Eligible
10	0126CE161011	ANSHU KUMAR	28	40	68	Eligible
11	0126CE161012	ARPIT SABLE	A	A	0	Not Eligible
12	0126CE161013	ARVIND KUMAR SAHU	26	45	71	Eligible
13	0126CE161016	CHANDRAKETU SHARMA	37	40	77	Eligible
14	0126CE161017	DEEPESH SINGH	32	45	77	Eligible
15	0126CE161018	DEVANSH PANDEY	35	45	80	Eligible
16	0126CE161019	DEVASHISH MISHRA	36	40	76	Eligible
17	0126CE161020	DIK KUMAR TIWARI	35	40	75	Eligible
18	0126CE161021	DIVIJOT SINGH KAINTH	31	45	76	Eligible
19	0126CE161022	DIVYANSH SHUKLA	40	45	85	Eligible
20	0126CE161023	DIVYANSH SHUKLA	A	A	0	Not Eligible
21	0126CE161024	DIWAKAR SINGH FARMAR	A	A	0	Not Eligible
22	0126CE161025	GAURAV KUMAR SHUKLA	45	40	85	Eligible
23	0126CE161026	HARSHITA MALVIYA	42	45	87	Eligible
24	0126CE161027	JASWANT KUMAR GAUTAM	35	45	80	Eligible
25	0126CE161028	K SHREYAS NAIDU	45	45	90	Eligible
26	0126CE161029	KARAN KUMAR	33	35	68	Eligible
27	0126CE161030	KARTIK KUMAR	39	40	79	Eligible
28	0126CE161031	KHUSHI BHALAVI	32	45	77	Eligible
29	0126CE161032	KRISHAN KUMAR RAI	32	45	77	Eligible
30	0126CE161033	KULDEEP SHARMA	38	50	88	Eligible
31	0126CE161034	M D ATIF	38	50	88	Eligible
32	0126CE161035	MAHERSHI GARG	35	45	80	Eligible
33	0126CE161036	MANISH KUMAR	38	40	78	Eligible
34	0126CE161037	MD FAHAD KHAN	A	A	0	Not Eligible
35	0126CE161038	MD SAMEER	A	A	0	Not Eligible
36	0126CE161039	MOHD ABRAR AHMED	40	45	85	Eligible
37	0126CE161040	MOHD ASIF KHAN	A	A	0	Not Eligible
38	0126CE161041	MOHIT KHARE	31	50	81	Eligible
39	0126CE161042	NAAZ FAREEN ANSARI	32	40	72	Eligible
40	0126CE161043	NIKHIL VISIHWAKARMA	45	40	85	Eligible
41	0126CE161044	NILESH KUMAR CHAURASIA	28	45	73	Eligible
42	0126CE161045	NITISH TIWARI	35	40	75	Eligible
43	0126CE161046	PRABHAV KHARE	A	A	0	Not Eligible
44	0126CE161047	PRADIP CHAUDHARI	32	45	77	Eligible




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45	0126CE161048	PRAJYOT MISHRA	37	40	77	Eligible
46	0126CE161049	FRANSHU KUMAR SINHA	32	45	77	Eligible
47	0126CE161050	PREMSAGAR KUMAR	35	45	80	Eligible
48	0126CE161051	PRISUTILLA DAS	31	50	81	Eligible
49	0126CE161052	RAJAT SHARMA	40	45	85	Eligible
50	0126CE161053	RAKESH YADUWANSHI	A	A	0	Not Eligible
51	0126CE161054	RAVI RAI	35	40	75	Eligible
52	0126CE161055	RITIK KUMAR SHUKLA	40	35	75	Eligible
53	0126CE161056	RITURAJ PATEL	38	40	78	Eligible
54	0126CE161057	RUPRA KANT PATLE	30	40	70	Eligible
55	0126CE161059	SACHIN GARG	32	45	77	Eligible
56	0126CE161061	SAMYAK JAIN	28	45	73	Eligible
57	0126CE161062	SANDEEP JOSHI	45	45	90	Eligible
58	0126CE161063	SHASHANK ARTANI	37	40	77	Eligible
59	0126CE161064	SHIVAM DWIVEDI	35	40	75	Eligible
60	0126CE161065	SHIVANSHU BHADORIYA	45	45	90	Eligible
61	0126CE161066	SHUBHAM DHARDWAJ	A	A	0	Not Eligible
62	0126CE161067	SHUBHI SINGH	45	40	85	Eligible
63	0126CE161068	SHUKLA SUJOY GYANENDRA	45	45	90	Eligible
64	0126CE161069	SUYASH PRIYADARSHI	45	40	85	Eligible
65	0126CE161070	SYED RAVISH HUSSAIN	35	40	75	Eligible
66	0126CE161071	TARUN SONI	45	50	95	Eligible
67	0126CE161072	UJJAWAL KUMAR	A	A	0	Not Eligible
68	0126CE161073	UJJWAL SAXENA	A	A	0	Not Eligible
69	0126CE161074	UTSAV TIWARI	35	40	75	Eligible
70	0126CE161075	YASH TRIVEDI	A	A	0	Not Eligible
71	0126CE161076	YOGESH KUMAR VISHWAKARMA	48	45	93	Eligible
72	0126CE161077	RAHUL KEER	38	45	83	Eligible



Ashu Jaiswal
Director
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M
 Head of Department
 CIVIL Engineering
 Oriental College of Technology
 Bhopal

Oriental College of Technology, Bhopal

Feedback Form

Value Added Course:	AUTOCAD
Date:	11/09/2017- 15/09/2017
Venue:	Oriental College of Technology, Bhopal
Experts:	Mr. Manish Kumar Sharma, Mr. Alok Goyal, Mr. Dharmendra Singh Dangi

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The Course objectives were stated clearly and met.	4 3 2 1
2. The Course was well organized.	4 3 2 1
3. The information and/or skills presented were relevant and useful	4 3 2 1
4. The expert provided adequate time for questions and answered them effectively.	4 3 2 1
5. The expert allowed me to work with and learn from others.	4 3 2 1
6. The materials provided were sufficient & appropriate for the program.	4 3 2 1
7. The physical arrangements were adequate.	4 3 2 1
8. The lab facilities was adequate.	4 3 2 1



[Signature]
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Oriental College of Technology, Bhopal

Department of Civil Engineering

AUTO CAD (Value Added Course)

Course Code: CE 20001

Date - 11/09/2017 to 15/09/2017



Certificate by

[Signature]
15/9/2017

Director

**Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal**



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Department of Civil Engineering

Session: 2017-18

CERTIFICATE

This is to certify that Mr./Ms AAMIR UDDIN KHAN of CE III Semester, OCT, Bhopal, has Successfully Completed the "Value Added Course" on "AUTOCAD" during 11-15 Sept 2017, organized by Department of Civil Engineering, Oriental College of Technology, Bhopal.

Co-Ordinator, CE, OCT

Head of Department, CE OCT

Director, OCT



Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY

BHOPAL



Department of Civil Engineering

Report on Value Added Course on "AUTOCAD"

Date and Time: 11/09/2017 to 15/09/2017. **Venue:** CE, OCT Campus. **Organized by:** CE, OCT, Bhopal. **Name of the Speakers:** Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal & Mr. Dharmendra Singh Dangi, **Participants Details:** Second year students of Department of Civil Engineering.

Summary of the Event


The Value added course plays an important role in strengthening the technical skills of undergraduates. In the race of making good and bright career in short span of time, most of the time students neglect the aim and the need of education. In view of this changing pattern and condition of youth education in India, and to guide students on different topics which are not covered under the defined academic syllabus, the Civil Engineering Department of Oriental College of Technology had organized "Value Added Course on Auto Cad" from 11/09/2017 to 15/09/2017 for the students of second year.

This Course syllabus was covered by Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal & Mr. Dharmendra Singh Dangi CE, OCT in 30 Hrs. of 5-Day program.

On 11/09/2017, the course started with the inaugural and presidential speech of Dr. Ranjeeta Khare, Director, Oriental College of Technology. In his presidential speech she emphasized on the need to collaborate the academic and the non academic education.

On 11/09/2017, Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal, make students Learned Introduction to AUTO CAD Software & Introduction to 2D & 3D drawings. On 12/09/2017, Mr.




Director
Oriental College of Technology
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Manish Kumar Sharma, make students Learned Introductions to principle of projection, Arc circles and eclipse. On 13/09/2017, Mr.Alok Goyal & Mr. Dharmendra Singh Dangi, make students learned 3D Drawing & Drawing various structural elements of a building & Footings. On 14/09/2017, Mr. Manish Kumar Sharma (HOD CE), Mr.Alok Goyal Conducted Practice Session on Various commands of AUTOCAD such as saving and plotting commands. On 15/09/2017, Mr.Alok Goyal, assigned to draw Designing of 1 BHK plan followed by Value added course assessment test organised by Mr. Dharmendra Singh Dangi. At last Mr. Manish Kumar Sharma (HOD CE) Convenor of Course gave away the vote of thank. She also thanked Mr.Alok Goyal & Mr. Dharmendra Singh Dangi for addressing the student audience on the said topic. At the end he thanked all the faculties, office staff and student volunteers for their unconditional support in organizing this Course.

Mr. Manish Kumar Sharma

Course Convenor

CE, OCT




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Oriental College of Technology
Thakral Nagar, Raisen Road
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Oriental College Of Technology, Bhopal

Date: 17 June 2014

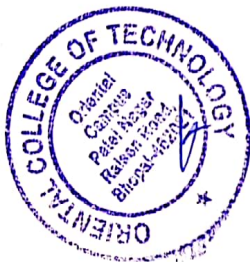
Policy of Value Added Course

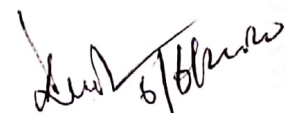
1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Test Score, with minimum of 60% attendance
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Exam Score $\geq 25/50$.
 - c. If one of the 2 criteria is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14
Director , OCT

Copy to:

1. Academic Committee
2. All HoD's , OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Registration Form

Name :
Enrollment No.....
Branch :
Semester :
Address.....
.....
.....
City & Pin.....
E-mail id.....
Contact No :

Place:
Date:



Signature
Signature with Seal
Head of the Department

CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes
Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

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octhodcse@oriental.ac.in
Mobile: +919630087969

COURSE COORDINATOR

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Mobile: +919039911014

ORGANISING COMMITTEE MEMBERS

Mr. Sourabh Jain
Mobile: +918770547965
Mr. Pradeep Mishra

CONTACT

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octhodcse@oriental.ac.in
Mobile: +919630087969
Mr. Pradeep Mishra
Mobile: +91992617094

**Oriental College of Technology,
Bhopal**



Value Added Course

On

“JAVA PROGRAMMING”

[16-20, October, 2017]

For III-Year Students

Organized By

Department of Computer Science Engineering

Oriental College of Technology,

Thakral Nagar, Raisen Road, Bhopal – 462021

Phone: 2529026, 2529057, Fax: 0755-2529472

Director

Oriental College of Technology

Thakral Nagar, Raisen Road

Bhopal

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal-Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology offers six under graduate Bachelor of Engineering courses and three post graduates, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc.

Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.

ABOUT THE DEPARTMENT

The Department of Computer Science is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams.

The CS Department offers M.Tech Course in Computer Science along with Undergraduate Program (B.E/ B.Tech) with an intake of 18 and 120 respectively.

ABOUT THE COURSE

Computer Science Engineering plays prominent role in every domain and vital role in development of Nation. "Java Programming" is Value Added course which will provide benefits to the participants in many ongoing research areas in latest technologies.

OBJECTIVES & CONTENTS

Java is a high-level programming language and computing platform developed by Sun Microsystems in 1995. With the growing importance of web based and mobile based applications, Java today is the foundation for most networked applications and is considered to be useful for scripting, web-based content, enterprise software, games and mobile applications.

- ✓ To know the basics of Java and JVM.
- ✓ To know about the basic java application, blocks, loops and branches.
- ✓ To know about the GUI programming, arrays, generic programming and collection of classes and GUI.

ELIGIBILITY

The Third year Students of Computer Science Engineering branch is eligible to attend the Java programming course.

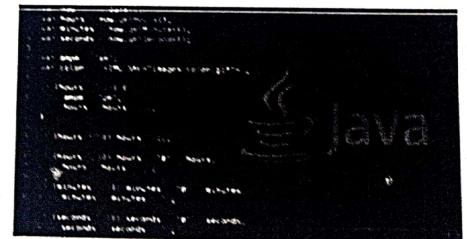
REGISTRATION

No Registration fees.

SPEAKERS

Mr. Sourabh Jain

Associate Professor, Dept CSE, OCT Bhopal



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL
Department of Computer Science & Engineering



Java Programming Syllabus (CSE30001)

Module 1- Introduction

Types of Programming language and Paradigms. Java – what, where and why? Platform independency, Comparison in Java with C and C++ , Role of Java Programmer in Industry ,Java Evolution and History ,Features of Java Language. The Java Virtual Machine (JVM) – The heart of Java. Java's Magic Byte code JDK , JRE and JIT

Module 2– Language Fundamentals or Grammar of Java

The Java Environment: Installing Java in WINDOWS and LINUX. Java Program Development in different environment. Java Source File Structure ,Introduction to VI, notepad, edit plus editor and Net beans, Eclipse IDE, Compilation and Executions procedure using different editor and IDE, Reference parameters, Output parameters, Access specifiers and its requirement in java. Naming conventions.

Module 3- Reserve / Keywords present in Java Primitive Data types and Block in java

Lexical Tokens, Identifiers, Instance of operator and typecasting. Primitive Data types and Block in java- Data types int , char , float , double , Boolean , short , long , byte , UNICODE system ,Value type, Reference type, Types and Scope of variables, Static variables, Instance variable, Local variables, final variable, transient variable, volatile variable, Static block and Non-static block, Static, non-static, final, abstract, native and synchronized Communicate java application with other language using java native interface.

Module 4- Decision Making

Java Operators, Wrapper Class, Decision making and branching Programming with Java

Module 5-Extending Classes

Object Oriented Programming, Extending Classes and Inheritance, Package, Exception Handling, The Idea behind Exception, Exceptions & Errors, Types of Exception, Checked and Un-Checked Exceptions, Control Flow in Exceptions, Use of try and catch block



Faculty Coordinator

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Director

**Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal**

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Head of Department

SCHEDULE -Java Programming (CSE 30001)

5 Days Value Added Course on Java Programming[16 Oct 2017 to 20 Oct 2017]

Day-1--16 Oct 2017

Time	Session	Instructor
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Introduction to Java Programming	Mr. Sourabh Jain
12:30-1:10PM	LUNCH	
01:10-3:10PM	Practice Session on Java programming	Mr. Sourabh Jain
3:10 -3:30PM	Break	
03:30-5:30PM	Introducing different IDEs for Java	Mr. Sourabh Jain

Day-2--17 Oct 2017

Time	Session	Instructor
9:00-11:00AM	Compilation and Execution processes in IDEs	Mr. Pradeep Mishra
11:00-11:30AM	Break	
11:30-01:00PM	Introducing Access specifier, Reference parameters, Actual parameters and Naming conventions	Mr. Sourabh Jain
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice Session on programs	Mr. Sourabh Jain

Day-3--18 Oct 2017

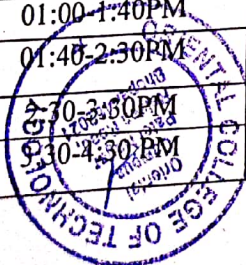
Time	Session	Instructor
9:00-11:00AM	Introducing Tokens, identifiers, type casting and data types	Mr. Pradeep Mishra
11:00-11:30AM	Break	
11:30-01:00PM	Types of scope of variables and synchronized communicate Java application through java native interface	Ms Vibha Nigam
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice session	Mr. Sourabh Jain

Day-4--19 Oct 2017

Time	Session	Instructor
9:00-11:00AM	Java operators, wrapper class, Decision making and branching programming	Mr. Sourabh Jain
11:00-11:30AM	Break	
11:30-01:00PM	Class Room Assessment	Ms Vibha Nigam
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice session	Mr. Pradeep Mishra

Day-5--20 Oct 2017

Time	Session	Instructor
9:00-11:00AM	Introducing OOP concept, Extending classes	Mr. Pradeep Mishra
11:00-11:30AM	Break	
11:30-01:00PM	Exceptional Handlings and Packages	Mr. Pradeep Mishra
01:00-1:40PM	LUNCH	
01:40-2:30PM	Practice session on OOP and Exceptional handlings	Mr. Sourabh Jain
2:30-3:30PM	Feedback from students	Ms Vibha Nigam
3:30-4:30PM	Valedictory & Certificate distribution	Mr. Sourabh Jain



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Computer Science & Engineering
Oriental College of Technology, Bhopal

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Department of Computer Science & Engineering



Marks Scored:

Semester: V Subject Name/Code: *Java Programming (CSE 30001)*

Max Marks: 50

Name of Student: _____ Enrollment No: _____

1) What is the range of short data type in Java?

- a) -128 to 127
- b) -32768 to 32767
- c) -2147483648 to 2147483647
- d) None of the mentioned

2) An expression involving byte, int, and literal numbers is promoted to which of these?

- a) int
- b) long
- c) byte
- d) float

3) What will be the output of the following Java code?

```
class increment {
    public static void main(String args[])
    {
        int g = 3;
        System.out.print(++g * 8);
    }
}
```

- a) 25 b) 24 c) 32 d) 33

In object-oriented programming, composition relates to

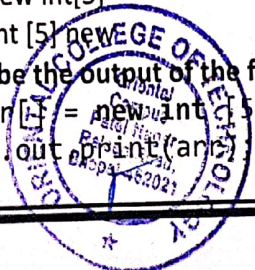
- (a) The use of consistent coding conventions
- (b) The organization of components interacting to achieve a coherent, common behavior
- (c) The use of inheritance to achieve polymorphic behavior
- (d) The organization of components interacting not to achieve a coherent common behavior
- (e) The use of data hiding to achieve polymorphic behavior.

4) Which of these is an incorrect array declaration?

- a) int arr[] = new int[5]
- b) int [] arr = new int[5]
- c) int arr[] = new int[5]
- d) int arr[] = int [5]

5) What will be the output of the following Java code?

```
int arr[] = new int [5];
System.out.print(arr)
```



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- a) 0
- b) value stored in arr[0]
- c) 00000
- d) Class name@ hashcode in hexadecimal form

6) Object-oriented inheritance models the

- (a) "is a kind of" relationship
- (b) "has a" relationship
- (c) "want to be" relationship
- (d) inheritance does not describe any kind of relationship between classes
- (e) "contains" of relationship.

7) The wrapping up of data and functions into a single unit is called

- (a) Encapsulation (b) Abstraction
- (c) Data Hiding (d) Polymorphism (e) Message passing.

8) Polymorphism

- (a) Is not supported by Java
- (b) Refers to the ability of two or more objects belonging to different classes to respond to exactly the same message in different class-specific ways
- (c) Simplifies code maintenance
- (d) Not simplifies code maintenance
- (e) Refers to the ability of two or more objects belonging to different classes to respond to exactly the same message in different class-specific ways and simplifies code maintenance.

9) In object-oriented programming, new classes can be defined by extending existing classes. This is an example of:

- (a) Encapsulation (b) Interface (c) Composition
- (d) Inheritance (e) Aggregation.

10) Given a class named student, which of the following is a valid constructor declaration for the class?

- (a) Student (student s) {} (b) Student student () {}
- (c) Private final student () {} (d) Void student () {}
- (e) Static void student(){}.

11) What is garbage collection in the context of Java?

- (a) The operating system periodically deletes all of the java files available on the system.
- (b) Any package imported in a program and not used is automatically deleted.
- (c) When all references to an object are gone, the memory used by the object is automatically reclaimed.
- (d) The JVM checks the output of any Java program and deletes anything that doesn't make sense.
- (e) When all references to an object are gone the memory used by the object is not reclaimed.

12) The concept of multiple inheritances is implemented in Java by

- I. Extending two or more classes.
- II. Extending one class and implementing one or more interfaces.
- III. Implementing two or more interfaces.

- (a) Only (II) (b) (I) and (II) (c) (II) and (III)
- (d) Only (I) (e) Only (III).

13) In Java, declaring a class abstract is useful

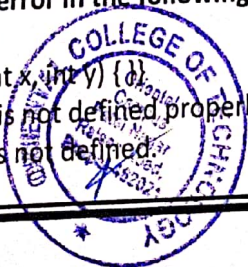
- (a) To prevent developers from further extending the class
- (b) When it doesn't make sense to have objects of that class
- (c) When default implementations of some methods are not desirable
- (d) To force developers to extend the class not to use its capabilities
- (e) When it makes sense to have objects of that class.

14) What is the error in the following class definitions?

Abstract class xy

```
{abstract sum (int x, int y) {}}
```

- (a) Class header is not defined properly.
- (b) Constructor is not defined.



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(c) Method is not defined properly

(d) Method is defined properly

(e) No error.

15) Which of these field declarations are legal within the body of an interface?

(a) Private final static int answer = 42 (b) public static int answer=42

(c) final static answer =42 (d) int answer

(e) No error.

16) A package is a collection of

(a) Classes (b) Interfaces (c) Editing tools

(d) Classes and interfaces (e) Editing tools and interfaces.

17) Which component is used to compile, debug and execute java program?

a) JVM

b) JDK

c) JIT

d) JRE

18) Basic Java language functions are stored in which of the following java package?

(a) java.lang (b) java.io (c) java.net (d) java.util (e) java.awt

19) Which of the following is a member of the java.lang package?

(a) List (b) Queue (c) Math (d) Stack (e) Process.

20) Which of the following has a method names flush()?

(a) Input stream (b) Output Stream

(c) Reader stream (d) Input reader stream

(e) Input output stream.

21) Which object of HttpSession can be used to view and manipulate information about a session?

a. session identifier

b. creation time

c. last accessed time

d. All mentioned above

22) Connection Pooling Class manages no of user requests for connections to improve the performance.

a. True

b. False

23) Which case of a session bean obtains the User Transaction object via the EJBContext using the getUserTransaction() method in EJB transaction management?

a. Bean-managed transactions

b. Container-managed transactions

c. Both A & B

d. None of the above

24) Which services are provided to EJB components by the EJB container?

a. Transaction support

b. Persistence support

c. Naming support

d. All mentioned above

25) Which of these is necessary to specify at time of array initialization?

a) Row

b) Column

c) Both Row and Column

d) None of the mentioned



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Java Programming Syllabus (CSE30001)

Answers:--

- 1) A) b
- 2) A) a
- 3) A) c
- 4) A) d
- 5) A) d
- 6) A) a
- 7) A) a
- 8) A) e
- 9) A) d
- 10) A) a
- 11) A) c
- 12) A) c
- 13) A) b
- 14) A) c
- 15) A) b
- 16) A) d
- 17) A) b
- 18) A) a
- 19) A) b
- 20) A) b
- 21) ans d
- 22) ans a
- 23) ans a
- 24) ans d
- 25) Ans a



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DEPARTMENT OF CSE

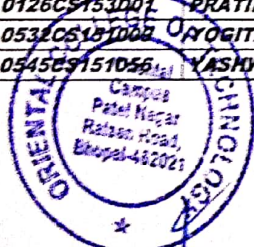
ATTENDANCE SHEET

Sl. No.	Enroll no	Name					
1	0126CS151001	AAKASH SHUKLA	Akash	Akash	Akash	Akash	Akash
2	0126CS151002	AAYUSH MALAIYA	Aayush	Aayush	Aayush	Aayush	Aayush
3	0126CS151003	ABHISHEK ANAND	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
4	0126CS151004	ABHISHEK DWIVEDI	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
5	0126CS151005	ADITI AGRAWAL	Aditi	Aditi	Aditi	Aditi	Aditi
6	0126CS151006	ADITI SHARMA	Aditi	Aditi	Aditi	Aditi	Aditi
7	0126CS151007	AFZA ANSARI	Afza	Afza	Afza	Afza	Afza
8	0126CS151008	AJAY RAWAT	Ajay	Ajay	Ajay	Ajay	Ajay
9	0126CS151009	AKSHAY CHOUREY	Akshay	Akshay	Akshay	Akshay	Akshay
10	0126CS151010	ALOK KUMAR PANDEY	Alok	Alok	Alok	Alok	Alok
11	0126CS151011	AMAN DULHANI	Aman	Aman	Aman	Aman	Aman
12	0126CS151012	AMBIKA SINGH	Ambika	Ambika	Ambika	Ambika	Ambika
13	0126CS151013	ANANYA PRAKASH	Ananya	Ananya	Ananya	Ananya	Ananya
14	0126CS151014	ANANYA SHIVHARE	Ananya	Ananya	Ananya	Ananya	Ananya
15	0126CS151015	ANIKET SHUKLA	Aniket	Aniket	Aniket	Aniket	Aniket
16	0126CS151016	ANISH SUNDARANI	Anish	Anish	Anish	Anish	Anish
17	0126CS151017	ANKIT LANJEWAR	Ankit	Ankit	Ankit	Ankit	Ankit
18	0126CS151018	ANKIT KESHARI	Ankit	Ankit	Ankit	Ankit	Ankit
19	0126CS151019	ANKIT SINGH	Ankit	Ankit	Ankit	Ankit	Ankit
20	0126CS151020	APURV RANJAN	Apurv	Apurv	Apurv	Apurv	Apurv
21	0126CS151021	ARPIT JAIN	Arpit	Arpit	Arpit	Arpit	Arpit
22	0126CS151022	ARUN KUMAR RAI	Arun	Arun	Arun	Arun	Arun
23	0126CS151024	ASHISH TIWARI	Ashish	Ashish	Ashish	Ashish	Ashish
24	0126CS151025	AVINASH SHARMA	Avinash	Avinash	Avinash	Avinash	Avinash
25	0126CS151026	AVNEESH TIWARI	Avneesh	Avneesh	Avneesh	Avneesh	Avneesh
26	0126CS151027	BHOOMIKA MALVIYA	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika
27	0126CS151028	CHANDRA BHUSHAN KUMAR	Chandra	Chandra	Chandra	Chandra	Chandra
28	0126CS151029	CHETNA BHALROY	Chetna	Chetna	Chetna	Chetna	Chetna
29	0126CS151030	CHIRAYU RAHANGDALE	Chirayu	Chirayu	Chirayu	Chirayu	Chirayu
30	0126CS151031	DEEPA GUPTA	Deepa	Deepa	Deepa	Deepa	Deepa
31	0126CS151032	DEVASHISH SHRIVASTAVA	Devashish	Devashish	Devashish	Devashish	Devashish
32	0126CS151033	DEVIK NAYAK	Devi	Devi	Devi	Devi	Devi
33	0126CS151034	DHARMENDRA LODHI	Dharmendra	Dharmendra	Dharmendra	Dharmendra	Dharmendra
34	0126CS151035	DIKSHA SAWARN	Diksha	Diksha	Diksha	Diksha	Diksha
35	0126CS151036	DIPANSHU NAKADE	Dipanshu	Dipanshu	Dipanshu	Dipanshu	Dipanshu
36	0126CS151037	DIVYA BAJPAI	Divya	Divya	Divya	Divya	Divya
37	0126CS151038	DIVYANSH PODDAR	Divyansh	Divyansh	Divyansh	Divyansh	Divyansh
38	0126CS151039	GARIMA GANGRADE	Garima	Garima	Garima	Garima	Garima
39	0126CS151040	GAUTAM NARAYAN	Gautam	Gautam	Gautam	Gautam	Gautam
40	0126CS151041	HARSH RAJAN	Harsh	Harsh	Harsh	Harsh	Harsh
41	0126CS151042	HEMADRI TEMBHARE	Hemadri	Hemadri	Hemadri	Hemadri	Hemadri
42	0126CS151044	HITALI SHRIVASTAVA	Hitalli	Hitalli	Hitalli	Hitalli	Hitalli
43	0126CS151045	JATIN UDIWAL	Jatin	Jatin	Jatin	Jatin	Jatin
44	0126CS151046	JAYA GOUR	Jaya	Jaya	Jaya	Jaya	Jaya
45	0126CS151047	JYOTSNA TIWARI	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna
46	0126CS151048	KHUSHBOO SONONE	Khushboo	Khushboo	Khushboo	Khushboo	Khushboo
47	0126CS151049	KOMAL SHRESTHA	Komal	Komal	Komal	Komal	Komal
48	0126CS151050	KUMAR ALOK	Alok	Alok	Alok	Alok	Alok
49	0126CS151051	LOKESH JAIN	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh
50	0126CS151052	MADEEHA MASOOD	Madeeha	Madeeha	Madeeha	Madeeha	Madeeha
51	0126CS151053	MANDVI CHOUHAN	Mandvi	Mandvi	Mandvi	Mandvi	Mandvi
52	0126CS151054	MANISH BHARGAVA	Manish	Manish	Manish	Manish	Manish
53	0126CS151056	MANISH KUMAR	Manish	Manish	Manish	Manish	Manish
54	0126CS151057	MANISH KUMAR JHA	Manish	Manish	Manish	Manish	Manish
55	0126CS151058	MAYANK SINGH	Mayank	Mayank	Mayank	Mayank	Mayank
56	0126CS151059	MEGHA KUMARI	Megha	Megha	Megha	Megha	Megha
57	0126CS151060	MOHD AHMED KHAN	Mohd	Mohd	Mohd	Mohd	Mohd
58	0126CS151061	MOHD SAEED KHAN	Mohd	Mohd	Mohd	Mohd	Mohd
59	0126CS151062	MOHD SHERIFF	Mohd	Mohd	Mohd	Mohd	Mohd
60	0126CS151064	NEETA DHOTE	Neeta	Neeta	Neeta	Neeta	Neeta
61	0126CS151065	NEHA SANGWAN	Neha	Neha	Neha	Neha	Neha
62	0126CS151066	NIDHI CHATURVEDI	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
63	0126CS151067	NISHIT RACHARYA	Nishit	Nishit	Nishit	Nishit	Nishit
64	0126CS151068	NOORAS ASLAM	Noor	Noor	Noor	Noor	Noor
65	0126CS151069	NOOR JAHAN KHATOON	Noor	Noor	Noor	Noor	Noor
66	0126CS151070	PARNIKA NYAS	Parnika	Parnika	Parnika	Parnika	Parnika
67	0126CS151072	PARUL PARDHI	Parul	Parul	Parul	Parul	Parul

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68	0126CS151073	PIYUSH KUMAR							
69	0126CS151074	POOJA KASHYAP							
70	0126CS151075	PRACHI SONARE							
71	0126CS151076	PRANALI PAWAR							
72	0126CS151077	PRANJALI DHANHA							
73	0126CS151078	PRATEEK SHUKLA							
74	0126CS151079	PRATIK KUMAR SINGH							
75	0126CS151080	PRIVADARSHANI							
76	0126CS151081	PRİYAL JAIN							
77	0126CS151082	PRİYAL MAHESHWARI							
78	0126CS151083	PUNEET PARVE							
79	0126CS151084	PURVI MISHRA							
80	0126CS151085	RAHUL JHAMTANI							
81	0126CS151086	RAHUL KUMAR							
82	0126CS151087	RAHUL KUMAR							
83	0126CS151088	RAMJI SHRIVASTAVA							
84	0126CS151089	RISHABH SHUKLA							
85	0126CS151090	RITIK RATHORE							
86	0126CS151091	RITVIKA BHADORIA							
87	0126CS151092	RIYA SHRIVASTAV							
88	0126CS151093	ROHIT KUMAR							
89	0126CS151094	SAAD AHMED							
90	0126CS151095	SACHIN GUPTA							
91	0126CS151096	SAGAR SHRIVASTAVA							
92	0126CS151097	SAKSHI AGRAWAL							
93	0126CS151098	SAMEEKSHA DWIVEDI							
94	0126CS151099	SAMRIDDI TIWARI							
95	0126CS151100	SANGEETA MANDAL							
96	0126CS151101	SHAISTA KALIMI							
97	0126CS151102	SHASHANK							
98	0126CS151103	SHATAKSHI PANDEY							
99	0126CS151104	SHIRISH KUMAR PANDEY							
100	0126CS151105	SHIVANGI NIGAM							
101	0126CS151106	SHREYASH SONI							
102	0126CS151107	SHUBHAM BHARADWAJ							
103	0126CS151108	SHUBHAM SAHU							
104	0126CS151109	SHUBHANSHU GUPTA							
105	0126CS151110	SIDDHI BALA PATEL							
106	0126CS151111	SOMYA SINHA							
107	0126CS151112	SONAL ANAND							
108	0126CS151113	SOURABH SINGH							
109	0126CS151114	SRISHTI SHARMA							
110	0126CS151115	SRISHTI SHASTRI							
111	0126CS151116	SURBHI GUPTA							
112	0126CS151117	SWAPNIL GOYAL							
113	0126CS151118	URJA UDAYSHANKAR							
114	0126CS151119	VAIBHAV KHANDELWAL							
115	0126CS151120	VAIBHAV ONKARI							
116	0126CS151121	VAIBHAV WAJHAL							
117	0126CS151122	VISHWARAJ YADAV							
118	0126CS151123	VIVEK KUMAR VAISHNAV							
119	0126CS151124	YASH BHAYRE							
120	0126CS151125	YASH NARKHEDE							
121	0126CS151126	YASH SHRIVASTAVA							
122	0126CS153007	PRATIKSHA PANADIYA							
123	0532CS151008	NYOGITA SAHINI							
124	0545CS151056	YASHWANI BHAWSAR							



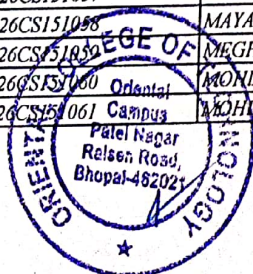
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Computer Science & Engineering Department
Value Added Course: Java Programming, 16-20 Oct 2017
Course Code: CSE 30001

ASSESSMENT SHEET

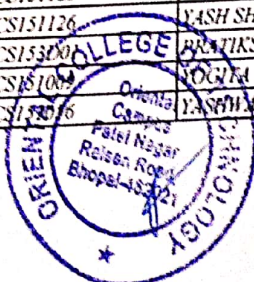
Sr.No.	Enroll NO.	Name of Student	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible to Receive Certificate or not
1	0126CSI51001	AAKASH SHUKLA	35	35	70	Eligible
2	0126CSI51002	AAYUSH MALAIYA	42	40	82	Eligible
3	0126CSI51003	ABHISHEK ANAND	38	40	78	Eligible
4	0126CSI51004	ABHISHEK DWIVEDI	37	40	77	Eligible
5	0126CSI51005	ADITI AGRAWAL	35	45	80	Eligible
6	0126CSI51006	ADITI SHARMA	38	40	78	Eligible
7	0126CSI51007	AFZA ANSARI	37	40	77	Eligible
8	0126CSI51008	AJAY RAWAT	38	40	78	Eligible
9	0126CSI51009	AKSHAY CHOUREY	A	A	0	Not Eligible
10	0126CSI51010	ALOK KUMAR PANDEY	35	35	70	Eligible
11	0126CSI51011	AMAN DULHANI	42	40	82	Eligible
12	0126CSI51012	AMBIKA SINGH	38	40	78	Eligible
13	0126CSI51013	ANANYA PRAKASH	37	40	77	Eligible
14	0126CSI51014	ANANYA SHIVHARE	35	45	80	Eligible
15	0126CSI51015	ANIKET SHUKLA	38	40	78	Eligible
16	0126CSI51016	ANISH SUNDARANI	35	35	70	Eligible
17	0126CSI51017	ANKIT LANJEWAR	42	40	82	Eligible
18	0126CSI51018	ANKIT KESHARI	38	40	78	Eligible
19	0126CSI51019	ANKIT SINGH	37	40	77	Eligible
20	0126CSI51020	APURV RANJAN	35	45	80	Eligible
21	0126CSI51021	ARPIT JAIN	A	A	0	Not Eligible
22	0126CSI51022	ARUN KUMAR RAI	38	40	78	Eligible
23	0126CSI51024	ASHISH TIWARI	35	35	70	Eligible
24	0126CSI51025	AVINASH SHARMA	42	40	82	Eligible
25	0126CSI51026	AVNEESH TIWARI	38	40	78	Eligible
26	0126CSI51027	BHOOMIKA MALVIYA	37	40	77	Eligible
27	0126CSI51028	CHANDRA BHUSHAN KU	35	45	80	Eligible
28	0126CSI51029	CHEITNA BHALROY	38	40	78	Eligible
29	0126CSI51030	CHIRAYU RAHANGDALE	A	A	0	Not Eligible
30	0126CSI51031	DEEPALI GUPTA	38	40	78	Eligible
31	0126CSI51032	DEVASHISH SHRIVASTAV	37	40	77	Eligible
32	0126CSI51033	DEVIK NAYAK	38	40	78	Eligible
33	0126CSI51034	DHARMENDRA LODHI	A	A	0	Not Eligible
34	0126CSI51035	DIKSHA SAWARN	35	35	70	Eligible
35	0126CSI51036	DIPANSHEE NAKADE	42	40	82	Eligible
36	0126CSI51037	DIVYA BAJPAI	38	40	78	Eligible
37	0126CSI51038	DIVYANSH PODDAR	37	40	77	Eligible
38	0126CSI51039	GARIMA GANGRADE	35	45	80	Eligible
39	0126CSI51040	GAUTAM NARAYAN	A	A	0	Not Eligible
40	0126CSI51041	HARSH RAJAN	35	35	70	Eligible
41	0126CSI51042	HEMADRI TEMBHARE	42	40	82	Eligible
42	0126CSI51044	HITALI SHRIVASTAVA	38	40	78	Eligible
43	0126CSI51045	JATIN UDIWAL	37	40	77	Eligible
44	0126CSI51046	JAYA GOUR	35	45	80	Eligible
45	0126CSI51047	JYOTSNA TIWARI	45	44	89	Eligible
46	0126CSI51048	KHUSHBOO SONONE	35	40	75	Eligible
47	0126CSI51049	KOMAL SHRESTHA	30	30	60	Eligible
48	0126CSI51050	KUMAR ALOK	35	35	70	Eligible
49	0126CSI51051	LOKESH JAIN	42	40	82	Eligible
50	0126CSI51052	MADEEHA MASOOD	38	40	78	Eligible
51	0126CSI51053	MANDVI CHOUHAN	37	40	77	Eligible
52	0126CSI51054	MANISH BHARGAVA	35	45	80	Eligible
53	0126CSI51056	MANISH KUMAR	35	35	70	Eligible
54	0126CSI51057	MANISH KUMAR JHA	42	40	82	Eligible
55	0126CSI51058	MAYANK SINGH	38	40	78	Eligible
56	0126CSI51059	MEGHA KUMARI	35	35	70	Eligible
57	0126CSI51060	MOND AHMED KHAN	42	40	82	Eligible
58	0126CSI51061	MOHD SAEED KHAN	38	40	78	Eligible



Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Head of Department
Computer Science & Engineering
Oriental College of Technology, Bhopal

59	0126CS151062	AKASH SHINDE	37	40	77	Eligible
60	0126CS151063	AMBARAN V. CHAUD	35	45	80	Eligible
61	0126CS151064	ANITA DADOTE	35	44	89	Eligible
62	0126CS151065	ANITA SINGHAN	45	40	75	Eligible
63	0126CS151066	ANISH CHATURVEDI	35	30	60	Eligible
64	0126CS151067	ANSHU K. CHAUDHARY	30	35	70	Eligible
65	0126CS151068	ANUSHA ANSARI	35	40	82	Eligible
66	0126CS151069	ANUSHA AN KHAJANAV	42	40	78	Eligible
67	0126CS151070	PARNIKA JYAS	38	40	77	Eligible
68	0126CS151071	PARUL P. KUMAR	37	45	80	Eligible
69	0126CS151072	PARNI KUMAR	35	35	70	Eligible
70	0126CS151073	PARNI K. ANSARI	35	40	82	Eligible
71	0126CS151074	PRACHI SONANE	42	40	70	Eligible
72	0126CS151075	PRANALI PAWAR	35	35	70	Eligible
73	0126CS151076	PRANALI DHANNA	42	40	78	Eligible
74	0126CS151077	PRATEEK SHUKLA	38	40	77	Eligible
75	0126CS151078	PRADEEP KUMAR SINGH	37	45	80	Eligible
76	0126CS151079	PRIYADARSHANI	35	45	80	Eligible
77	0126CS151080	PRIYAL JAIN	35	45	89	Eligible
78	0126CS151081	PRIYAL MAHESHWARI	45	44	75	Eligible
79	0126CS151082	PUNNET PARYS	35	30	60	Eligible
80	0126CS151083	PURNI AGSHRA	30	35	70	Eligible
81	0126CS151084	RAHUL JHANTANI	35	35	70	Eligible
82	0126CS151085	RAHUL KUMAR	42	40	82	Eligible
83	0126CS151086	RAHUL KUMAR	A	A	0	Not Eligible
84	0126CS151087	RAMJI SHRIVASTAVA	A	A	0	Not Eligible
85	0126CS151088	RISHABH SHUKLA	38	40	78	Eligible
86	0126CS151089	RITIK RATHORE	35	35	70	Eligible
87	0126CS151090	RITVIKA BHADORIA	42	40	82	Eligible
88	0126CS151091	RIYA SHRIVASTAV	38	40	78	Eligible
89	0126CS151092	ROHIT KUMAR	37	40	77	Eligible
90	0126CS151093	ROHIT KUMAR	37	45	80	Eligible
91	0126CS151094	SAAD AHMED	35	44	89	Eligible
92	0126CS151095	SACHIN GUPTA	45	40	75	Eligible
93	0126CS151096	SAGAR SHRIVASTAVA	35	40	75	Eligible
94	0126CS151097	SAGAR SHRIVASTAVA	30	30	60	Eligible
95	0126CS151098	SAKSHI AGRAWAL	30	35	70	Eligible
96	0126CS151099	SAMEEKSHA DWIVEDI	35	40	82	Eligible
97	0126CS151100	SAMRIDDHI TIWARI	42	40	78	Eligible
98	0126CS151101	SANGEETA MANDAL	38	40	77	Eligible
99	0126CS151102	SHAISTA KALIMI	37	45	80	Eligible
100	0126CS151103	SHASHANK	35	35	70	Eligible
101	0126CS151104	SHATAKSHI PANDEY	35	40	82	Eligible
102	0126CS151105	SHIRISH KUMAR PANDE	42	40	82	Eligible
103	0126CS151106	SHIVANGI NIGAM	35	35	70	Eligible
104	0126CS151107	SHREYASH SONI	42	40	82	Eligible
105	0126CS151108	SHUBHAM BHARADWAJ	38	40	78	Eligible
106	0126CS151109	SHUBHAM SAHU	37	40	77	Eligible
107	0126CS151110	SHUBHANSHU GUPTA	35	45	80	Eligible
108	0126CS151111	SIDDHI BALA PATEL	45	44	89	Eligible
109	0126CS151112	SIDDHI BALA PATEL	45	44	89	Eligible
110	0126CS151113	SOMYA SINHA	35	40	75	Eligible
111	0126CS151114	SONAL ANAND	30	30	60	Eligible
112	0126CS151115	SOURABH SINGH	35	35	70	Eligible
113	0126CS151116	SRISHTI SHARMA	42	40	82	Eligible
114	0126CS151117	SRISHTI SHASTRI	38	40	78	Eligible
115	0126CS151118	SURBHI GUPTA	37	40	77	Eligible
116	0126CS151119	SWAPNIL GOYAL	35	45	80	Eligible
117	0126CS151120	SWAPNIL GOYAL	35	35	70	Eligible
118	0126CS151121	URJA UDAYSHANKAR	35	40	82	Eligible
119	0126CS151122	VAIBHAV KHANDELWAL	42	40	82	Eligible
120	0126CS151123	VAIBHAV ONKARI	A	A	0	Not Eligible
121	0126CS151124	VAIBHAV WAJHAL	38	40	78	Eligible
122	0126CS151125	VISHWARAJ YADAV	37	40	77	Eligible
123	0126CS151126	VIVEK KUMAR VAISHNA	A	A	0	Not Eligible
124	0126CS151127	YASH BHAYRE	35	45	80	Eligible
125	0126CS151128	YASH NARKHEDE	45	44	89	Eligible
126	0126CS151129	YASH SHRIVASTAVA	35	40	75	Eligible
127	0126CS151130	YASH SHRIVASTAVA	30	30	60	Eligible
128	0532CS151001	YASHVIKSHA PANADIYA	35	35	70	Eligible
129	0532CS151002	YOGITA SAHINI	35	40	82	Eligible
130	0545CS151001	YASHWANI BHAWSAR	42	40	82	Eligible



[Signature]
Director

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Bhopal

Computer Science & Engineering
Oriental College of Technology, Bho.

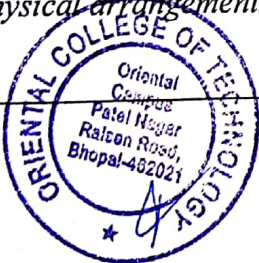
Feedback Form

Value Added Course	Java Programming (CSE 30001)
Date:	16-20 oct 2017
Program Location:	CSE Dept Oriental College of Technology, Bhopal
Presenter(s):	Mr. Sourabh Jain

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The Course objectives were stated clearly and met.	4 (3) 2 1
2. The Course was well organized.	4 (3) 2 1
3. The information and/or skills presented were relevant and useful	(4) 3 2 1
4. The presenter(s) provided adequate time for questions and answered them effectively.	(4) 3 2 1
5. The presenter(s) allowed me to work with and learn from others.	4 (3) 2 1
6. The materials provided were sufficient & appropriate for the program.	(4) 3 2 1
7. The physical arrangements were adequate.	4 (3) 2 1

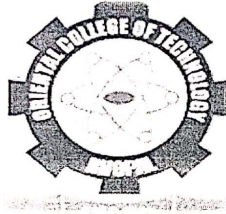



 Director

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 Patel Nagar, Raisen Road
 Bhopal

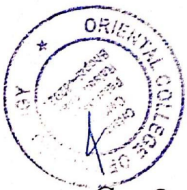
ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Department of Computer Science & Engineering

This is to certify that Mr./Ms. ABHISHEK ANAND of CS-V Sem , OCT, Bhopal, has Successfully Completed the "Value Added Course" on " JAVA Programming " during 16-20 Oct 2017, organized by Computer Science and Engineering Department of Oriental College of Technology, Bhopal



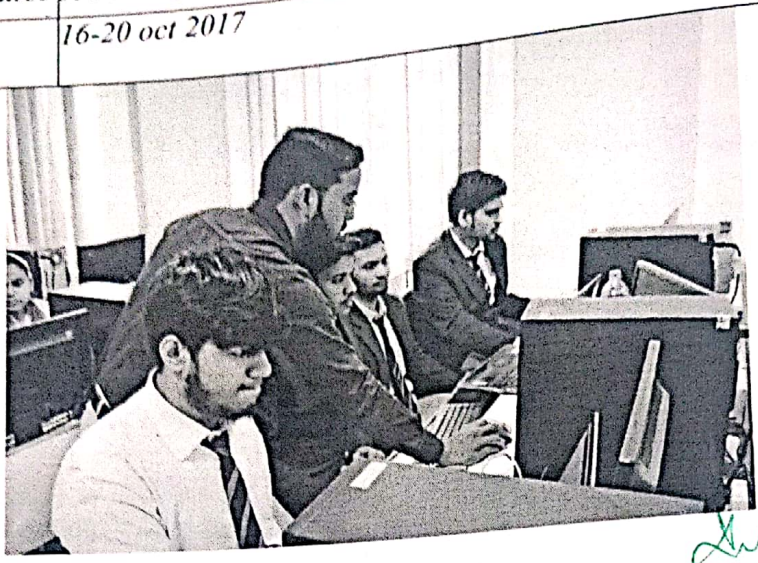
Co-Ordinator, CS, OCT

Head of Department, CS OCT

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Director, OCT

Value Added Course	Java Programming (CSE 30001)
Date:	16-20 oct 2017



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Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL
Department of Computer Science & Engineering



Report on Value Added Course on "JAVA PROGRAMMING"

Date and Time: 16-20, October, 2017

Organized by: CSE, OCT, Bhopal

Name of the Speakers: Mr. Saurabh Jain, Associate Professor, Mr. Pradeep Mishra Associate Professor, Ms. Vibha Nigam Assistant Professor.

Participants Details: For III -Year Students

Venue: CSE, OCT Campus

Summary of the Event

Computer Science Engineering plays prominent role in every domain and vital role in development of Nation. "Java Programming" is Value Added course which will provide benefits to the participants in many ongoing research areas in latest technologies.

The Department of Computer Science and Engineering Oriental College of Technology organized "Value Added Course on *Java Programming*" from 16 October 2017 to 20 October, 2017 for the students of Third year.

This Course syllabus was covered by Mr. Saurabh Jain Associate Professor, Mr. Pradeep Mishra Associate Professor and Ms. Vibha Nigam Assistant Professor, CSE, OCT in 30 Hrs. of 5-Day program.

Inaugural Ceremony started by Director Speech on 16 th October 2017 and this course is conducted as per schedule and on 20 th October, 2017 valedictory function was conducted.



Certified by
[Signature]

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

[Signature]

Prof. Amit Dubey
Course Coordinator
CSE, OCT



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.

Carville
17/06/14

Director, OCT
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Copy to:

1. Academic Committee
2. All HoD's, OCT



[Signature]
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
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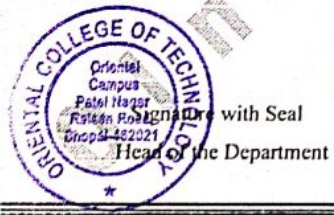
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7/6/14

Registration Form

Name:.....
 Enrollment No.....
 Branch:.....
 Semester:.....
 Address.....

 City & Pin.....
 E-mail id.....
 Contact No:.....

Place:
 Signature
 Date:



CHIEF PATRONS

Dr. K. L. Thakral
 Founder Chairman, Oriental Group of Institutes and
 Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
 Chairman, Oriental Group of Institutes
 Mrs. Niraj Ghei
 Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
 Director, OCT, Bhopal

CONVENOR

Mrs. Roopali SOni
 octhodit@oriental.ac.in
 Mobile: +919827042079

COURSE COORDINATOR

Mrs. Kavita Rawat
 Mobile: +917987524436
 Mr. Sujeet kumar
 Mobile: +918602659579

ORGANISING COMMITTEE MEMBERS

Mr. Nilabh Kumar
 Miss. Ruchi Jain

CONTACT

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 octhodit@oriental.ac.in
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Mrs. Kavita Rawat
 Mobile: +917987524436

**Oriental College of Technology,
 Bhopal**



Value Added Course

on
"JAVA"

[19-23, September, 2017]

For III -Year Students

Organized By

Department of Information Technology

Oriental College of Technology,
 Thakral Nagar, Palda Nagar, Bhopal - 462021
 Phone: 2529602, 2529603, 2529604

[Handwritten Signature]
 Head of Department
 Information Technology
 Palda Nagar

[Handwritten Signature]
 Director
 Oriental College of Technology
 Thakral Nagar, Palda Nagar
 Bhopal

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal-Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc.

Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.

ABOUT THE DEPARTMENT

The Department of Information Technology is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in



various streams. The core competency of the Department is in the area of Software Engineering, Database Management Systems, Data Structures etc. The Information Technology Department offers Undergraduate Program (B.E/ B.Tech) with an intake 120 Students.

ABOUT THE COURSE

Information Technology department plays prominent role in every domain and vital role in development of Nation. JAVA is Value Added course which will provide benefits to the participants in many ongoing research areas in latest technologies.

OBJECTIVES & CONTENTS

Java is a widely used programming language expressly designed for use in the distributed environment of the internet. ... Java can be used to create complete applications that may run on a single computer or be distributed among servers and clients in a network.

ELIGIBILITY

The third year Students of Information Technology branch are eligible to attend the Course on JAVA

REGISTRATION

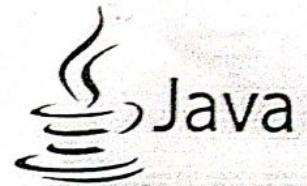
No Registration fees.

SPEAKERS

Mrs. Kavita Rawat
[Assistant Professor, Oriental College of
Technology, Bhopal]

&
Mr. Sujeet kumar
[Assistant Professor, Oriental College of
Technology, Bhopal]

WHAT IS JAVA?



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Head of Department
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Director
Oriental College of Technology
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Bhopal



Oriental College of Technology, Bhopal

Department of Information Technology

Syllabus of Value Added Course on

JAVA

Module -1

- The Java Virtual Machine Variables and data types
- Conditional and looping constructs
- Arrays
- Fields and Methods
- Overloading methods
- Garbage collection
- Nested classes
- Overriding methods

Module -2

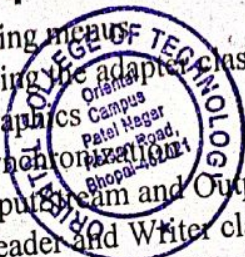
- Polymorphism
- Making methods and classes final
- Abstract classes and methods
- Interfaces
- The Exception class
- Cloning objects
- The JDK LinkedList class
- Strings
- String conversions

Module-3

- Package access
- Documentation comments
- Configuring applets
- Applet capabilities and restrictions
- Layout Managers
- Event Handling
- The Action Listener interface
- Panels
- Classes for various controls, such as label, choice, list, Checkbox, etc.
- Dialogs and frames

Module-4

- Using menus
- Using the adapter classes
- Graphics
- Synchronization
- InputStream and OutputStream classes
- Reader and Writer classes
- Working with URLs
- Concepts of URLs



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Module -5

Java security

JDBC Product

Types of Drivers

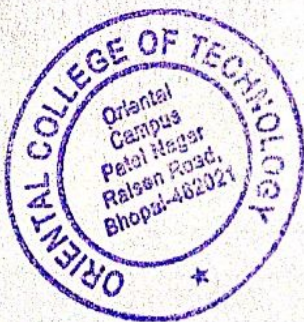
- Two-Tier Client/Server Mode
- Three-Tier Client/Server Model
- Basic Steps of JDBC
- Creating and Executing SQL Statement
- The Result Set Object
- Working with Database MetaData
- Interface—
- Servlet Interaction & Advanced Servlets

Module -5

- Life cycle of Servlet
- Java Servlet Development Kit
- javax.servlet package
- Reading Servlet Parameters
- Reading Initialization Parameters
- The javax.servlet.http Package
- Handling HTTP

Rajesh
Head of Department
Information Technology
Oriental College of Technology, Bhopal

Kuldeep
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal



SCHEDULE

5 Days Value Added Course on JAVA [19-Sep-2017 To 23-Sep-2017]

19Sep 2017

Time	Session	Teacher
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Introduction to JAVA Virtual Machine, Variables and types , Conditional Loping Statements	Miss Kavita Rawat
12:30-1:10PM	LUNCH	
01:10-3:10PM	Arrays ,Fields and Methods ,Overloading Methods Garbage Collection	Miss Kavita Rawat
3:10 -3:30PM	Break	
03:30-5:30PM	Nested Classes ,Overriding methods	Miss Kavita Rawat

20Sep 2017

Time	Session	Teacher
9:00-11:00AM	Polymorphism, Making methods and classes Final	Miss Kavita Rawat
11:00-11:30AM	Break	
11:30-01:00PM	Abstract classes and methods ,Interfaces	Miss Kavita Rawat
01:00-1:40PM	LUNCH	
01:40-4:30PM	Exception class, Cloning objects JDK Linked List Class Strings ,Strings Conversions	Miss Kavita Rawat

21Sep 2017

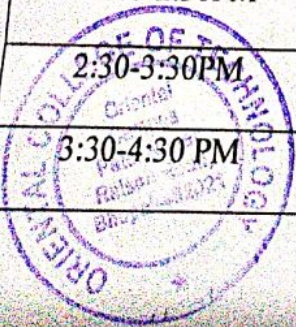
Time	Session	Teacher
9:00-11:00AM	Package Access, Documentation comments ,Configuring applets ,Applets Capabilities	Miss Kavita Rawat
11:00-11:30AM	Break	
11:30-01:00PM	Layout Managers ,Event Handling, Action Listener Interfases Panels	Miss Kavita Rawat
01:00-1:40PM	LUNCH	
01:40-4:30PM	Classes for various controls ,such as-labels choice list ,Dialog and frames	Miss Kavita Rawat

22 Sep 2017

Time	Session	Teacher
9:00-11:00AM	Using Menus ,Using adapter Classes ,Graphics Synchronization Input stream and Output Streams	Mr. Sujeet Kumar
11:00-11:30AM	Break	
11:30-01:00PM	Reader Writer classes , Working with URL's Concepts of URLS,Servlets Interaction and Advanced Servlets	Mr. Sujeet Kumar
01:00-1:40PM	LUNCH	
01:40-4:30PM	Class Room Assessment	Mr. Sujeet Kumar

23Sep 2017

Time	Session	Teacher
9:00-11:00AM	Life Cycle of Servlets , Java Servlet Development Kits	Mr. Sujeet Kumar
11:00-11:30AM	Break	
11:30-01:00PM	Reading Servlets parameters ,Reading Initializing Parameters	Mr. Sujeet Kumar
01:00-1:40PM	LUNCH	
01:40-2:30PM	Handling HTTP	Mr. Sujeet Kumar
2:30-3:30PM	Objective test	Mr. Sujeet Kumar
3:30-4:30 PM	Valedictory & Certificate distribution	Mr. Sujeet Kumar



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Dated 23-SEPT-2017

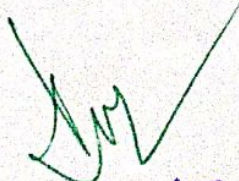
Objective type test on JAVA		
Branch:	Information Technology	
Semester:	V Semester	
Subject:	Value added course on JAVA	Subject Code: IT 30001
		Time: 1 Hour
Note	All questions are compulsory	

Max Marks 50

- Which of the following option leads to the portability and security of Java?
 - Bytecode is executed by JVM
 - The applet makes the Java code secure and portable
 - Use of exception handling
 - Dynamic binding between objects
- Which of the following is not a Java features?
 - Dynamic
 - Architecture Neutral
 - Use of pointers
 - Object-oriented
- The `\u0021` article referred to as a
 - Unicode escape sequence
 - Octal escape
 - Hexadecimal
 - Line feed
- _____ is used to find and fix bugs in the Java programs.
 - JVM
 - JRE
 - JDK
 - JDB
- Which of these literals can be contained in float data type variable?
 - 1.7e+308
 - 3.4e+038
 - +1.7e+308
 - 3.4e+050
- Which data type value is returned by all transcendental math functions?
 - int
 - float
 - double
 - long
- What will be the output of the following Java code?

```
class average {
    public static void main(String args[])
    {
        double num[] = {5.5, 10.1, 11, 12.8, 56.9, 2.5};
        double result;
        result = 0;
        for (int i = 0; i < 6; ++i)
```




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```
result = result + num[i];
System.out.print(result/6);
```

```
}
```

```
}
```

- a) 16.34
- b) 16.5666666644
- c) 16.466666666666667
- d) 16.466666666666666

8 What will be the output of the following Java code?

```
class increment {
    public static void main(String args[])
    {
        int g = 3;
        System.out.print(++g * 8);
    }
}
```

- a) 25
- b) 24
- c) 32
- d) 33

9 Which of the following is a valid declaration of a char?

- a. char ch = '\utea';
- b. char ca = 'tea';
- c. char cr = \u0223;
- d. char cc = '\itea';

10 Can we create an instance of Enum outside of Enum itself?

- a) True
- b) False

11 What will be the output of the following Java code?

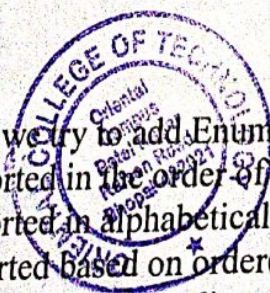
```
enum Season
{
    WINTER, SPRING, SUMMER, FALL
};
System.out.println(Season.WINTER.ordinal());
```

- a) 0
- b) 1
- c) 2
- d) 3

12 If we try to add Enum constants to a TreeSet, what sorting order will it use?

- a) Sorted in the order of declaration of Enums
- b) Sorted in alphabetical order of Enums
- c) Sorted based on order() method
- d) Sorted in descending order of names of Enums

13 What is the return type of the hashCode() method in the Object class?



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Object
int
long
void

14 Which class does all the Enums extend?

- a) Object
- b) Enums
- c) Enum
- d) EnumClass

15 Are enums type-safe?

- a) True
- b) False

16 Which of the following is a valid long literal?

- a. ABH8097
- b. L990023
- c. 904423
- d. 0xnf029L

17 Which of these can be returned by the operator &?

- a) Integer
- b) Boolean
- c) Character
- d) Integer or Boolean

18 Literals in java must be appended by which of these?

- a) L
- b) l
- c) D
- d) L and I

19 Literal can be of which of these data types?

- a) integer
- b) float
- c) boolean
- d) all of the mentioned

20 What does the expression float a = 35 / 0 return?


- a. 0
- b. Not a Number
- c. Infinity
- d. Run time exception

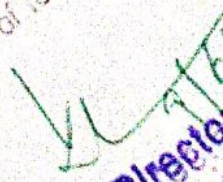
21 Which of these is an incorrect string literal?

- a) "Hello World"
- b) "Hello\nWorld"
- c) "\"Hello World\""

22 Which of these operators is used to allocate memory to array variable in Java?

- a) malloc
- b) alloc
- c) new
- d) new_malloc


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Which of the following tool is used to generate API documentation in HTML format from comments in source code?

- a. javap tool
- b. javaw command
- c. Javadoc tool
- d. javah command


24 Which of the following creates a List of 3 visible items and multiple selections enabled?

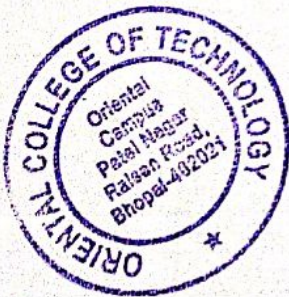
- a. new List(false, 3)
- b. new List(3, true)
- c. new List(true, 3)
- d. new List(3, false)

25 Which of the following for loop declaration is not valid?

- a. for (int i = 99; i >= 0; i / 9)
- b. for (int i = 7; i <= 77; i += 7)
- c. for (int i = 20; i >= 2; - i)
- d. for (int i = 2; i <= 20; i = 2* i)


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ORIENTAL COLLEGE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Course Code: IT 30001

Added Course: JAVA Programming

ATTENDANCE SHEET

Session July-dec 2017

SEM: 5 SEM

SNo	Enrollment No	Student Name	19-Sep-17	20-Sep-17	21-Sep-17	22-Sep-17	23-Sep-17
1	0126IT151001	AASHISH AMAN KHATRI	Ashish	Ashish	Ashish	Ashish	Ashish
2	0126IT151004	ABHISHIEK TILATIYA	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
3	0126IT151005	ABHITANSHU SINGH BAGHEL	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
4	0126IT151006	AKANSHA DICHU	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
5	0126IT151007	AKASH NIGAM	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
6	0126IT151008	ALOK SHARMA	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
7	0126IT151009	AMAN PANDEY	Aman	Aman	Aman	Aman	Aman
8	0126IT151010	AMANDEEP KUMAR	Aman	Aman	Aman	Aman	Aman
9	0126IT151011	AMITESH SINHA	Amit	Amit	Amit	Amit	Amit
10	0126IT151012	AMOL SRIVASTAVA	Amit	Amit	Amit	Amit	Amit
11	0126IT151013	ANISHA JAY	Anisha	Anisha	Anisha	Anisha	Anisha
12	0126IT151015	ANKIT TIWARI	Ankit	Ankit	Ankit	Ankit	Ankit
13	0126IT151016	ANKITA ANAND	Ankita	Ankita	Ankita	Ankita	Ankita
14	0126IT151017	ANKITA JAIN	Ankita	Ankita	Ankita	Ankita	Ankita
15	0126IT151018	ANSHIKA MISHRA	Anshika	Anshika	Anshika	Anshika	Anshika
16	0126IT151019	ANSHU KUMAR	Anshu	Anshu	Anshu	Anshu	Anshu
17	0126IT151021	ANUBHA JAIN	Anubha	Anubha	Anubha	Anubha	Anubha
18	0126IT151022	ANUPAM MALVIYA	Anupam	Anupam	Anupam	Anupam	Anupam
19	0126IT151023	ANUPAM MISHRA	Anupam	Anupam	Anupam	Anupam	Anupam
20	0126IT151024	ANURAG KUMAR	Anurag	Anurag	Anurag	Anurag	Anurag
21	0126IT151025	ANUSHA GUPTA	Anusha	Anusha	Anusha	Anusha	Anusha
22	0126IT151027	APURVA SHARMA	Apurva	Apurva	Apurva	Apurva	Apurva
23	0126IT151028	ARPITA AGARWAL	Arpita	Arpita	Arpita	Arpita	Arpita
24	0126IT151029	AYUSH RAIKWAR	Ayush	Ayush	Ayush	Ayush	Ayush
25	0126IT151030	AYUSHI MANI TRIPATHI	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi
26	0126IT151031	AYUSHI NEMA	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi
27	0126IT151032	AYUSHI SHRIVASTAVA	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi
28	0126IT151033	AYUSHI SINGH	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi
29	0126IT151034	BIHARAT MAHESHWARI	Biharata	Biharata	Biharata	Biharata	Biharata
30	0126IT151035	BHAVNA GURUDEV	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna
31	0126IT151036	BHOLA KUMAR	Bhola	Bhola	Bhola	Bhola	Bhola
32	0126IT151037	CHITRANSHI VYAS	Chitranshi	Chitranshi	Chitranshi	Chitranshi	Chitranshi
33	0126IT151038	DIKSHA SINGH	Diksha	Diksha	Diksha	Diksha	Diksha
34	0126IT151039	DIPANJAN SINHA	Dipanjana	Dipanjana	Dipanjana	Dipanjana	Dipanjana
35	0126IT151041	HARSHITA SHARMA	Harshita	Harshita	Harshita	Harshita	Harshita
36	0126IT151042	HEMA KUMARI	Hema	Hema	Hema	Hema	Hema
37	0126IT151043	JYOTI RUIHWANI	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
38	0126IT151044	KANCHAN KUMARI	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan
39	0126IT151045	KARTIK KHARE	Kartik	Kartik	Kartik	Kartik	Kartik
40	0126IT151046	KARTIK SHUKLA	Kartik	Kartik	Kartik	Kartik	Kartik
41	0126IT151047	KUNAL UPVEJA	Kunal	Kunal	Kunal	Kunal	Kunal
42	0126IT151048	KUNIKA JAIN	Kunika	Kunika	Kunika	Kunika	Kunika
43	0126IT151049	LAKSH MEHTA	Laksh	Laksh	Laksh	Laksh	Laksh
44	0126IT151050	MANISH BODKHE	Manish	Manish	Manish	Manish	Manish
45	0126IT151051	MANISH KUMAR MEHTA	Manish	Manish	Manish	Manish	Manish
46	0126IT151052	MANISH MATWANI	Manish	Manish	Manish	Manish	Manish
47	0126IT151053	MAYANK KHARE	Mayank	Mayank	Mayank	Mayank	Mayank
48	0126IT151054	MAYURI NEGI	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri
49	0126IT151055	MINAKSHI SINGH	Minakshi	Minakshi	Minakshi	Minakshi	Minakshi
50	0126IT151056	MOHAMMAD DANISH	Mohammad	Mohammad	Mohammad	Mohammad	Mohammad
51	0126IT151057	MOHD HERAN KHAN	Mohd	Mohd	Mohd	Mohd	Mohd
52	0126IT151058	NANDAN KUMAR	Nandan	Nandan	Nandan	Nandan	Nandan
53	0126IT151059	NAYIN KUMAR SINGH	Nayin	Nayin	Nayin	Nayin	Nayin
54	0126IT151060	NEHA GUPTA	Neha	Neha	Neha	Neha	Neha
55	0126IT151061	NIKHIL KUMAR	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
56	0126IT151062	NISHANT KUMAR SINGH	Nishant	Nishant	Nishant	Nishant	Nishant
57	0126IT151063	NISHID RANJAN	Nishid	Nishid	Nishid	Nishid	Nishid
58	0126IT151064	PARAS BANGDE	Paras	Paras	Paras	Paras	Paras
59	0126IT151065	PAWAN KUMAR CHATURVEDI	Pawan	Pawan	Pawan	Pawan	Pawan

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0126IT151067	PRAKASH KUMAR	PK	PK	PK	PK	PK
0126IT151068	PRASHANT JAIN	Prashant	Prashant	Prashant	Prashant	Prashant
0126IT151069	PRATEEK DUBEY	PD	PD	PD	PD	PD
63 0126IT151070	PRATEEK NAGESH	Prateek	Prateek	Prateek	Prateek	Prateek
64 0126IT151071	PRATEEK VIABHAV	Prateek	Prateek	Prateek	Prateek	Prateek
65 0126IT151072	PRATEEKSHA SINGH	Prateek	Prateek	Prateek	Prateek	Prateek
66 0126IT151073	PRATIBHA GUPTA	Priya	Priya	Priya	Priya	Priya
67 0126IT151074	PRIYA CHETRI	Priya	Priya	Priya	Priya	Priya
68 0126IT151075	PRIYAL JAIN	Priyal	Priyal	Priyal	Priyal	Priyal
69 0126IT151076	PUSHRAJ SINGH BHATI	Raj	Raj	Raj	Raj	Raj
70 0126IT151077	RAJ ROUSHAN	Raj	Raj	Raj	Raj	Raj
71 0126IT151078	RAJAT SAHAGAL	Raj	Raj	Raj	Raj	Raj
72 0126IT151080	RAJNI SINGH THAKUR	Rajni	Rajni	Rajni	Rajni	Rajni
73 0126IT151081	RAKHI AGARWAL	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi
74 0126IT151082	RAUNAK AGRAWAL	Raunak	Raunak	Raunak	Raunak	Raunak
75 0126IT151083	RAVI BHATIA	Ravi	Ravi	Ravi	Ravi	Ravi
76 0126IT151084	RAVI SHRIVASTAVA	Ravi	Ravi	Ravi	Ravi	Ravi
77 0126IT151085	RISHABH KUMAR	Riya	Riya	Riya	Riya	Riya
78 0126IT151086	RIYA SAXENA	Riya	Riya	Riya	Riya	Riya
79 0126IT151087	ROSHANI	Roshani	Roshani	Roshani	Roshani	Roshani
80 0126IT151088	ROSHINI PILLAI	Pillai	Pillai	Pillai	Pillai	Pillai
81 0126IT151089	RUCHITA SONKUSARE	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita
82 0126IT151090	RUDRAM GUPTA	Rudram	Rudram	Rudram	Rudram	Rudram
83 0126IT151091	SAGAR SINGH	Sagar	Sagar	Sagar	Sagar	Sagar
84 0126IT151092	SAJAL SHRIVASTAVA	Sajal	Sajal	Sajal	Sajal	Sajal
85 0126IT151093	SAKSHI PARE	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
86 0126IT151094	SANJNA GUHA	Sanjna	Sanjna	Sanjna	Sanjna	Sanjna
87 0126IT151095	SANSKRITI JAIN	Sanskriti	Sanskriti	Sanskriti	Sanskriti	Sanskriti
88 0126IT151097	SAURABH SINGH TOMAR	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh
89 0126IT151098	SHIVENDRA SINGH	Shivendra	Shivendra	Shivendra	Shivendra	Shivendra
90 0126IT151099	SHRADHA JAIN	Shradha	Shradha	Shradha	Shradha	Shradha
91 0126IT151100	SHIRAY BHATIA	Shiray	Shiray	Shiray	Shiray	Shiray
92 0126IT151101	SHRISTI JAIN	Shristi	Shristi	Shristi	Shristi	Shristi
93 0126IT151102	SHUBHAM	Shubham	Shubham	Shubham	Shubham	Shubham
94 0126IT151103	SHUBHAM AGRAWAL	Shubham	Shubham	Shubham	Shubham	Shubham
95 0126IT151104	SHUBHANSHU RAWAT	Shubham	Shubham	Shubham	Shubham	Shubham
96 0126IT151105	SHUBHI AGARWAL	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi
97 0126IT151106	SIDDHARTI DAGLIYA	Siddhanti	Siddhanti	Siddhanti	Siddhanti	Siddhanti
98 0126IT151107	SIMMI AGRAWAL	Simmi	Simmi	Simmi	Simmi	Simmi
99 0126IT151108	SONALI JAIN	Sonali	Sonali	Sonali	Sonali	Sonali
100 0126IT151109	SONALI KUMARI	Sonali	Sonali	Sonali	Sonali	Sonali
101 0126IT151110	SUBHANSHU ARYA	Subham	Subham	Subham	Subham	Subham
102 0126IT151111	SUPRIYA KUMARI	Supriya	Supriya	Supriya	Supriya	Supriya
103 0126IT151112	SWAMAN GANGWAL	Swaman	Swaman	Swaman	Swaman	Swaman
104 0126IT151113	SWATI SINHA	Swati	Swati	Swati	Swati	Swati
105 0126IT151114	TANUJ PUSHPDIA	Tanuj	Tanuj	Tanuj	Tanuj	Tanuj
106 0126IT151115	UNNATI PANDEY	Unnati	Unnati	Unnati	Unnati	Unnati
107 0126IT151116	UTKARSH KIHARD	Utkarsh	Utkarsh	Utkarsh	Utkarsh	Utkarsh
108 0126IT151117	UZMA SALEEM KHAN	Uzma	Uzma	Uzma	Uzma	Uzma
109 0126IT151118	VAIBHAV KUMAR OJHA	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
110 0126IT151119	VASUDHA KUCHIYA	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha
111 0126IT151120	VIRASH KUMAR	Vireet	Vireet	Vireet	Vireet	Vireet
112 0126IT151121	VINEET KUMAR	Vineet	Vineet	Vineet	Vineet	Vineet
113 0126IT151122	VISHWANATHI KUMAR	Vishwanath	Vishwanath	Vishwanath	Vishwanath	Vishwanath
114 0126IT151123	VITHIKA SINGH	Vithika	Vithika	Vithika	Vithika	Vithika
115 0126IT151124	VIKAS UPADHYAY	Vikas	Vikas	Vikas	Vikas	Vikas
116 0126IT151125	VASU JAIN	Vasudha	Vasudha	Vasudha	Vasudha	Vasudha
117 0126IT151126	YOGESHI RAJPUT	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
118 0126IT141041	HARSH SHRIVASTAVA	Harsh	Harsh	Harsh	Harsh	Harsh
119 0126IT141014	AMAN JAIN	Aman	Aman	Aman	Aman	Aman

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14 absent (105/119)

ORIENTAL COLLEGE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Value Added Course: JAVA Programming

Course Code: IT 30001

ASSESSMENT SHEET

Session July-dec 2017

SEM: 5 SEM

SNo	Enrollment No	Student Name	Class Room Assessment		Objective Type	Total	Eligible or Not eligible
			50	50			
1	0126IT151001	AASHISH AMAN KHATRI		44	42	86	ELIGIBLE
2	0126IT151004	ABHISHEK TILATIYA		37	31	68	ELIGIBLE
3	0126IT151005	ABHITANSHU SINGH BAGHEL		49	28	77	ELIGIBLE
4	0126IT151006	AKANSHA BICHU		0	0	0	NOT ELIGIBLE
5	0126IT151007	AKASH NIGAM		42	36	78	ELIGIBLE
6	0126IT151008	ALOK SHARMA		37	35	72	ELIGIBLE
7	0126IT151009	AMAN PANDEY		49	34	83	ELIGIBLE
8	0126IT151010	AMANDEEP KUMAR		38	30	68	ELIGIBLE
9	0126IT151011	AMITESH SINHA		33	48	81	ELIGIBLE
10	0126IT151012	AMOL SRIVASTAVA		32	42	74	ELIGIBLE
11	0126IT151013	ANISHA JAY		30	44	74	ELIGIBLE
12	0126IT151015	ANKIT TIWARI		37	26	63	ELIGIBLE
13	0126IT151016	ANKITA ANAND		29	0	29	NOT ELIGIBLE
14	0126IT151017	ANKITA JAIN		42	42	84	ELIGIBLE
15	0126IT151018	ANSHIKA MISHRA		36	39	75	ELIGIBLE
16	0126IT151019	ANSHU KUMAR		36	45	81	ELIGIBLE
17	0126IT151021	ANUBHA JAIN		29	40	69	ELIGIBLE
18	0126IT151022	ANUPAM MALVIYA		44	33	77	ELIGIBLE
19	0126IT151023	ANUPAM MISHRA <i>As Per Policy</i>		26	40	66	ELIGIBLE (NOT)
20	0126IT151024	ANURAG KUMAR		32	37	69	ELIGIBLE
21	0126IT151025	ANUSHA GUPTA		43	30	73	ELIGIBLE
22	0126IT151027	APURVA SHARMA		44	38	82	ELIGIBLE
23	0126IT151028	ARPITA AGARWAL		0	0	0	NOT ELIGIBLE
24	0126IT151029	AYUSH RAIKWAL		34	41	75	ELIGIBLE
25	0126IT151030	AYUSHI MANI TRIPATHI		44	31	75	ELIGIBLE
26	0126IT151031	AYUSHI NEMA		48	26	74	ELIGIBLE
27	0126IT151032	AYUSHI SHRIVASTAVA		35	29	64	ELIGIBLE
28	0126IT151033	AYUSHI SINGH		40	41	81	ELIGIBLE
29	0126IT151034	BHARAT MAHESHWARI <i>As Per Policy</i>		10	38	48	ELIGIBLE (NOT)
30	0126IT151035	BHAVNA GURUDEV		49	36	85	ELIGIBLE
31	0126IT151036	BHOLA KUMAR		27	38	65	ELIGIBLE
32	0126IT151037	CHITRANSH VYAS		48	45	93	ELIGIBLE
33	0126IT151038	DIKSHA SINGH		33	40	73	ELIGIBLE
34	0126IT151039	DIPANJAN SINHA		40	36	76	ELIGIBLE
35	0126IT151041	HARSHITA SHARMA		36	26	62	ELIGIBLE
36	0126IT151042	HEMA KUMARI		41	48	89	ELIGIBLE
37	0126IT151043	JYOTI RIJHWANI		49	45	94	ELIGIBLE
38	0126IT151044	KANCHAN KUMARI		35	47	82	ELIGIBLE
39	0126IT151045	KARTIK KHARE		40	30	70	ELIGIBLE
40	0126IT151046	KARTIK SHUKLA		47	26	73	ELIGIBLE
41	0126IT151047	KUNAL UPVEJA		44	44	88	ELIGIBLE
42	0126IT151048	KUNIKA JAIN		41	43	84	ELIGIBLE
43	0126IT151049	LAKSH MEHTA		30	49	79	ELIGIBLE
44	0126IT151050	MANISH BODKHE		26	48	74	ELIGIBLE
45	0126IT151051	MANISH KUMAR MEHTA		49	33	82	ELIGIBLE
46	0126IT151052	MANISH MATWANI		42	42	84	ELIGIBLE
47	0126IT151053	MAYANK KHARE		32	47	79	ELIGIBLE
48	0126IT151054	MAYURI NEGI		45	28	73	ELIGIBLE

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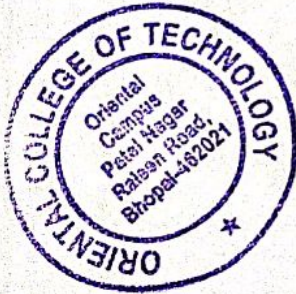


			43	31	74	ELIGIBLE
	0126IT151055	MINAKSHI SINGH	44	42	86	ELIGIBLE
	0126IT151056	MOHAMMAD DANISH	31	41	72	ELIGIBLE
1	0126IT151057	MOHD JIBRAN KHAN	0	0	0	NOT ELIGIBLE
52	0126IT151058	NANDAN KUMAR	29	38	67	ELIGIBLE
53	0126IT151059	NAVIN KUMAR SINGH	48	37	85	ELIGIBLE
54	0126IT151060	NEHA GUPTA	49	33	82	ELIGIBLE
55	0126IT151061	NIKHIL KUMAR	26	35	61	ELIGIBLE
56	0126IT151062	NISHANT KUMAR SINGH	26	28	54	ELIGIBLE
57	0126IT151063	NISHID RANJAN	30	28	58	ELIGIBLE
58	0126IT151064	PARAS BANGDE	26	42	68	ELIGIBLE
59	0126IT151065	PAWAN KUMAR CHATURVEDI	29	42	71	ELIGIBLE
60	0126IT151067	PRAKASH KUMAR	33	45	78	ELIGIBLE
61	0126IT151068	PRASHANT JAIN	44	32	76	ELIGIBLE
62	0126IT151069	PRATEEK DUBEY	45	45	90	ELIGIBLE
63	0126IT151070	PRATEEK NAGESH	40	35	75	ELIGIBLE
64	0126IT151071	PRATEEK VIABHAV	39	46	85	ELIGIBLE
65	0126IT151072	PRATEEKSHA SINGH	49	29	78	ELIGIBLE
66	0126IT151073	PRATIBHA GUPTA	42	29	71	ELIGIBLE
67	0126IT151074	PRIYA CHETRI	42	46	88	ELIGIBLE
68	0126IT151075	PRIYAL JAIN	20	46	72-66	ELIGIBLE (NOT) <i>Sample</i>
69	0126IT151076	PUSHRAJ SINGH BHATI <i>As per policy</i>	44	43	87	ELIGIBLE
70	0126IT151077	RAJ ROUSHAN	44	33	77	ELIGIBLE
71	0126IT151078	RAJAT SAHAGAL	48	36	84	ELIGIBLE
72	0126IT151080	RAJNI SINGH THAKUR	49	38	87	ELIGIBLE
73	0126IT151081	RAKHI AGARWAL	45	49	94	ELIGIBLE
74	0126IT151082	RAUNAK AGRAWAL	44	44	78	ELIGIBLE (NOT) <i>Sample</i>
75	0126IT151083	RAVI BHATIA <i>As per policy</i>	34	27	61	ELIGIBLE
76	0126IT151084	RAVI SHRIVASTAVA	41	47	88	ELIGIBLE
77	0126IT151085	RISHABH KUMAR	26	42	68	ELIGIBLE
78	0126IT151086	RIYA SAXENA	34	35	69	ELIGIBLE
79	0126IT151087	ROSHANI	38	37	75	ELIGIBLE
80	0126IT151088	ROSHINI PILLAI	42	40	82	ELIGIBLE
81	0126IT151089	RUCHITA SONKUSARE	0	0	0	NOT ELIGIBLE
82	0126IT151090	RUDRAM GUPTA	43	48	91	ELIGIBLE
83	0126IT151091	SAGAR SINGH	43	40	83	ELIGIBLE
84	0126IT151092	SAJAL SHRIVASTAVA	46	39	85	ELIGIBLE
85	0126IT151093	SAKSHI PARE	43	40	83	ELIGIBLE
86	0126IT151094	SANJNA GUHA	35	41	76	ELIGIBLE
87	0126IT151095	SANSKRITI JAIN	46	42	82	ELIGIBLE
88	0126IT151097	SAURABH SINGH TOMAR	0	0	0	NOT ELIGIBLE
89	0126IT151098	SHIVENDRA SINGH	33	48	81	ELIGIBLE
90	0126IT151099	SHRADDHA JAIN	0	0	0	NOT ELIGIBLE
91	0126IT151100	SHRAY BHATIA	30	37	67	ELIGIBLE
92	0126IT151101	SHRISTE JAIN	37	47	84	ELIGIBLE
93	0126IT151102	SHUBHAM	49	46	95	ELIGIBLE
94	0126IT151103	SHUBHAM AGRAWAL	29	39	68	ELIGIBLE
95	0126IT151104	SHUBH ANSHU RAWAT	40	41	81	ELIGIBLE
96	0126IT151105	SHUBHI AGARWAL	38	42	80	ELIGIBLE
97	0126IT151106	SIDDHARTH DAGLIYA	27	46	73	ELIGIBLE
98	0126IT151107	SIMMI AGRAWAL	29	35	64	ELIGIBLE
99	0126IT151108	SONALI JAIN	41	46	87	ELIGIBLE
100	0126IT151109	SONALI KUMARI	0	0	0	NOT ELIGIBLE
101	0126IT151110	SUBHANSHU ARYA	31	42	73	ELIGIBLE
102	0126IT151111	SUPRIYA KUMARI	43	34	77	ELIGIBLE
103	0126IT151112	SWAMAN GANGWAL				

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106	0126IT151113	SWATI SINHA	46	30	76	ELIGIBLE
107	0126IT151114	TANUJ PUSHPDIA	44	35	79	ELIGIBLE
108	0126IT151115	UNNATI PANDEY	41	35	76	ELIGIBLE
109	0126IT151116	UTKARSH KHARD	28	29	57	ELIGIBLE
110	0126IT151117	UZMA SALEEM KHAN	31	32	63	ELIGIBLE
111	0126IT151118	VAIBHAW KUMAR OJHA	28	44	72	ELIGIBLE
112	0126IT151119	VASUDHA KUCHIYA	32	44	76	ELIGIBLE
113	0126IT151120	VIKASH KUMAR	44	28	72	ELIGIBLE
114	0126IT151121	VINEET KUMAR	34	44	78	ELIGIBLE
115	0126IT151122	VISHWANATH KUMAR	45	43	88	ELIGIBLE
116	0126IT151123	VITHIKA SINGH	44	33	77	ELIGIBLE
117	0126IT151124	VIVEK UPADHYAY	31	43	74	ELIGIBLE
118	0126IT151125	YASH JAIN	27	45	72	ELIGIBLE
119	0126IT151126	YOGESHI RAJPUT	33	39	72	ELIGIBLE
120	0126IT141041	HARSH SHRIVASTAVA	0	0	0	NOT ELIGIBLE
121	0126IT141014	AMAN JAIN	26	20	46	NOT ELIGIBLE



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[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal

Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Department of Information Technology

Session: 2017-18

CERTIFICATE

This is to certify that Mr./Ms Prashant Jain of IT V Semester, OCT, Bhopal has Successfully Completed the "Value Added Course" on "JAVA Programming" during 19-23 Sept 2017, organized by Department of Information Technology, Oriental College of Technology, Bhopal.



Co-Ordinator, IT, OCT

Head of Department, IT, OCT

Head of Department
Information Technology
Oriental College of Technology, Bhopal

Director
Oriental College of Technology
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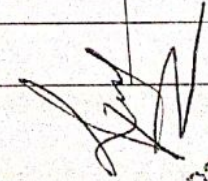
Director

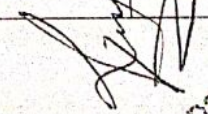
Course Evaluation/ Feedback Form

Added Course	JAVA
Date:	19 TO 23 September 2017
Program Location:	Oriental College of Technology, Bhopal
Presenter(s):	Miss Kavita Rawat, Mr Sujeet Kumar

Please respond to the following statements by using the ✓ mark to indicate the extent to which you agree or disagree with each statement.

	Excellent	Very Good	Good	Fair	Poor
Receive syllabus & instructions at first	✓				
Course objectives stated clearly		✓			
Material presented in class matches syllabus	✓				
Instructor responded questions		✓			
Instructor demonstrates adequate knowledge of course	✓				
Instructor uses appropriate teaching methods		✓			
Instructor returns papers & tests promptly	✓				
Class time is used efficient		✓			
Instructor is helpful	✓				
Instructor is well prepared	✓				
Instructors overall teaching		✓			
Recommend the class	✓				


 Kavita Rawat
 Disector
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 Thakral Nagar
 Bhopal


 Head of Department
 Information Technology
 Oriental College of Technology



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Information Technology



Report on Value Added Course on JAVA

Date and Time: 19 September , to 23 September, 2017. **Venue:** Department of Information Technology ,OCT Campus, Bhopal. **Organized by:** Information Technology Department, OCT , Bhopal. **Name of the Speakers:** The speakers were from Department of Information Technology OCT , Bhopal they are Miss Kavita Rawat , Mr Sujeet kumar. **Participants Details:** The students participated were Third Year Students

Summary of the Event

The value added courses adds value to the basic ongoing degree program. The students get an insight into the technological advancements and the recent trends that are prevailing in the outside world which gives an added benefit to the placement and gives added advantages to the employment opportunities of the students

The course is divided into five modules and at the end there was an assessment by which the students are awarded certificates.

On September 19th , the course started with the inaugural and presidential speech of Director, Oriental College of Technology. In his presidential speech emphasized on the need to collaborate the academic and the non academic education.

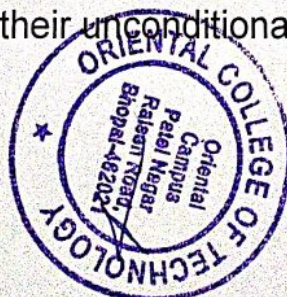
The course was conducted strictly according to the schedule and at last the convener of the course

gave away the vote of thank.. At the end the convener thanked all the faculties, office staff and student volunteers for their unconditional support in organizing this Course.

Prof. Roopali Soni

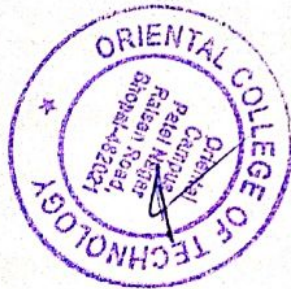
Course Convenor


IT, OCT



Soni
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

19-23/09/2017




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

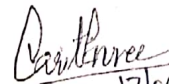


Oriental College Of Technology, Bhopal

Date: 17 June 2014

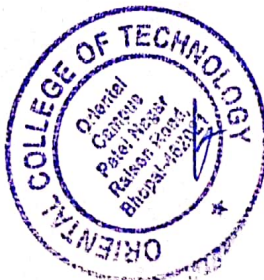
Policy of Value Added Course


1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Test Score, with minimum of 60% attendance
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Exam Score $\geq 25/50$.
 - c. If one of the 2 criteria is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14
Director, OCT

Copy to:

1. Academic Committee
2. All HoD's, OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Registration Form

Name :
Enrollment No.....
Branch :
Semester :
Address.....
.....
.....
.....
City & Pin.....
E-mail id.....
Contact No :

Place: Signature

Date: Signature with Seal
Head of the Department



CHIEF PATRONS

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Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

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Shri. Praveen Thakral
Chairman, Oriental Group of Institutes
Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

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Dr. Ranjeeta Khare
Director, OCT, Bhopal

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COURSE COORDINATOR

Mr. Amit Dubey
Mobile: +919039911014

ORGANISING COMMITTEE MEMBERS

Mr. Sourabh Jain
Mr. Pradeep Mishra

CONTACT

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Mobile: +919630087969
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Mobile: +91992617094

**Oriental College of Technology,
Bhopal**



Value Added Course

On

“Machine Learning”

[19-23, September, 2017]

For IV-Year Students

Organized By

Department of Computer Science Engineering

Oriental College of Technology,
Thakral Nagar, Raisen Road, Bhopal – 462021
Phone: 2529026, 2529057, Fax: 0755-2529472
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal-Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc. Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.

ABOUT THE DEPARTMENT

The Department of Computer Science is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all-round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams. The CS Department offers M.Tech Course in Computer Science Engineering along with

Undergraduate Program (B.E/ B.Tech) with an intake of 18 and 120 respectively. ✓

ABOUT THE COURSE

Computer Science Engineering plays prominent role in every domain and vital role in development of Nation. "Machine Learning" is a Value-Added course which will focus on providing vast knowledge on data, algorithms and automation of the systems.

OBJECTIVES& CONTENTS

Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

- ✓ To know about data preparation capabilities.
- ✓ To learn training machines using data representation of artificial neural networks.
- ✓ To know about principal component of data modeling.

ELIGIBILITY

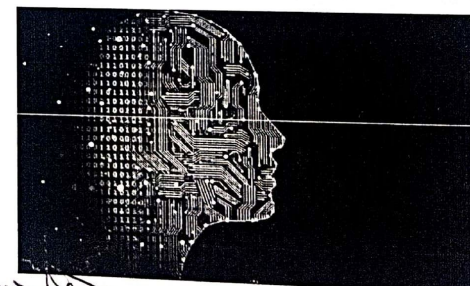
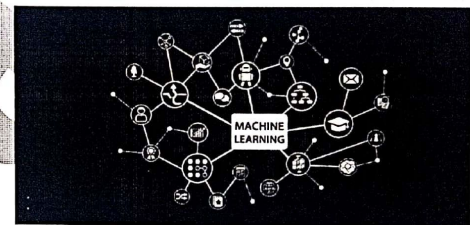
The Fourth year Students of Computer Science Engineering branch is eligible to attend the Machine Learning course.

REGISTRATION

No Registration fees.

SPEAKERS

Mr. Pradeep Mishra
Associate Professor, Dept CSE, OCT Bhopal



Director
Oriental College of Technology
Thakral Nagar, Raisen Road
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Department of Computer Science and Engineering



MACHINE LEARNING SYLLABUS (CSE 40001)

Module-I

Introduction to machine learning, data Visualization, data processing, data normalization, limitations, application regression, machine learning models , supervised and unsupervised learning.

Module -II

Activation functions like sigmoid, Linearity vs non linearity, Types of neural network, initialization of weight, training, testing.

Module -III

Convolution layer, convolution neural network and flattening, sub sampling, inception network, implementation of CNN.

Module -IV

RL-framework, Recurrent neural network, Reinforcement Learning, RL-framework, MDP, Bellman equations, Value Iteration and Policy Iteration

Module -V

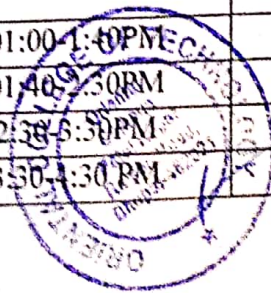
Application of machine learning, Support Vector Machines, Bayesian learning, in computer vision, speech processing, natural language processing

Faculty Coordinator

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Head of Department

SCHEDULE-- Machine Learning(CSE 40001)		
5 Days Value Added Course on Machine Learning[19 Sep 2017 to 23 Sep 2017]		
Day1-19 Sep 2017		
Time	Session	Instructor
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Introduction to Machine Learning	Mr. Pradeep Mishra
12:30-1:10PM	LUNCH	
01:10-3:10PM	Data Visualization, data processing, data normalization, application regression, ML models	Mr. Pradeep Mishra
3:10 -3:30PM	Break	
03:30-5:30PM	Practice session	Mr. Pradeep Mishra
Day2-20 Sep 2017		
Time	Session	Instructor
9:00-11:00AM	Introducing activation functions like Sigmoid	Mr. Sourabh Jain
11:00-11:30AM	Break	
11:30-01:00PM	Linearity, non-linearity, neural networks and its types, weight initialization	Mr. Pradeep Mishra
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice Session	Mr. Pradeep Mishra
Day3-21 Sep 2017		
Time	Session	Instructor
9:00-11:00AM	Convolution layer & Convolution neural networks	Mr. Sourabh Jain
11:00-11:30AM	Break	
11:30-01:00PM	Sub sampling, inception network, implementation of CNN	Mr. Sourabh Jain
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice session	Mr. Pradeep Mishra
Day4-22 Sep 2017		
Time	Session	Instructor
9:00-11:00AM	RL-framework, recurrent neural network, reinforcement learning, MDP, Value and Policy iteration	Mr. Pradeep Mishra
11:00-11:30AM	Break	
11:30-01:00PM	Class Room Assessment	Ms Vibha Nigam
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice session	Ms Vibha Nigam
Day5-23 Sep 2017		
Time	Session	Instructor
9:00-11:00AM	Applications of ML, support vector machines, Bayesian Learning	Mr. Sourabh Jain
11:00-11:30AM	Break	
11:30-01:00PM	Speech processing and natural language processing	Mr. Sourabh Jain
01:00-1:40PM	LUNCH	
01:40-3:30PM	Practice session	Mr. Pradeep Mishra
2:30-5:30PM	Feedback from students	Ms Vibha Nigam
3:30-4:30 PM	Valedictory & Certificate distribution	Mr. Pradeep Mishra



Handwritten signature
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 Oriental College of Technology
 Bilaspur Road

Head of Department
 Computer Science & Engineering
 Oriental College of Technology



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Marks Scored: _____

Semester: VII Subject Name/Code: Machine Learning(CSE40001)

Max Marks:50

Name of Student: _____ Enrollment No: _____

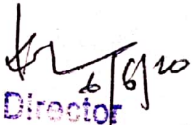
1. Which of the following is a widely used and effective machine learning algorithm based on the idea of bagging?
 - a. Decision Tree
 - b. Regression
 - c. Classification
 - d. Random Forest
2. To find the minimum or the maximum of a function, we set the gradient to zero because:
 - a. The value of the gradient at extrema of a function is always zero
 - b. Depends on the type of problem
 - c. Both A and B
 - d. None of the above
3. The most widely used metrics and tools to assess a classification model are:
 - a. Confusion matrix
 - b. Cost-sensitive accuracy
 - c. Area under the ROC curve
 - d. All of the above
4. Which of the following is a good test dataset characteristic?
 - a. Large enough to yield meaningful results
 - b. Is representative of the dataset as a whole
 - c. Both A and B
 - d. None of the above
5. Which of the following is a disadvantage of decision trees?
 - a. Factor analysis
 - b. Decision trees are robust to outliers
 - c. Decision trees are prone to be overfit



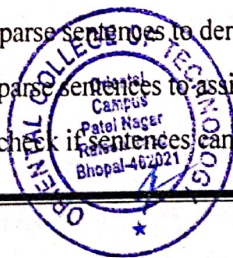
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- d. None of the above
6. How do you handle missing or corrupted data in a dataset?
- Drop missing rows or columns
 - Replace missing values with mean/median/mode
 - Assign a unique category to missing values
 - All of the above
7. What is the purpose of performing cross-validation?
- To assess the predictive performance of the models
 - To judge how the trained model performs outside the sample on test data
 - Both A and B
8. Why is second order differencing in time series needed?
- To remove stationarity
 - To find the maxima or minima at the local point
 - Both A and B
 - None of the above
9. When performing regression or classification, which of the following is the correct way to preprocess the data?
- Normalize the data → PCA → training
 - PCA → normalize PCA output → training
 - Normalize the data → PCA → normalize PCA output → training
 - None of the above
10. Which of the following is an example of feature extraction?
- Constructing bag of words vector from an email
 - Applying PCA projects to a large high-dimensional data
 - Removing stopwords in a sentence
 - All of the above
11. What is `pca.components_` in Sklearn?
- Set of all eigen vectors for the projection space
 - Matrix of principal components
 - Result of the multiplication matrix
 - None of the above options
12. Which of the following is true about Naive Bayes ?
- Assumes that all the features in a dataset are equally important
 - Assumes that all the features in a dataset are independent
 - Both A and B
 - None of the above options
13. Which of the following statements about regularization is not correct?




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- a. Using too large a value of lambda can cause your hypothesis to underfit the data.
 b. Using too large a value of lambda can cause your hypothesis to overfit the data.
 c. Using a very large value of lambda cannot hurt the performance of your hypothesis.
 d. None of the above
14. How can you prevent a clustering algorithm from getting stuck in bad local optima?
 a. Set the same seed value for each run
 b. Use multiple random initializations
 c. Both A and B
 d. None of the above
15. Which of the following techniques can be used for normalization in text mining?
 a. Stemming
 b. Lemmatization
 c. Stop Word Removal
 d. Both A and B
16. In which of the following cases will K-means clustering fail to give good results? 1) Data points with outliers 2) Data points with different densities 3) Data points with nonconvex shapes
 a. 1 and 2
 b. 2 and 3
 c. 1, 2, and 3
 d. 1 and 3
17. Which of the following is a reasonable way to select the number of principal components "k"?
 a. Choose k to be the smallest value so that at least 99% of the variance is retained.
 b. Choose k to be 99% of m ($k = 0.99 * m$, rounded to the nearest integer).
 c. Choose k to be the largest value so that 99% of the variance is retained.
 d. Use the elbow method
18. You run gradient descent for 15 iterations with $a=0.3$ and compute $J(\theta)$ after each iteration. You find that the value of $J(\theta)$ decreases quickly and then levels off. Based on this, which of the following conclusions seems most plausible?
 a. Rather than using the current value of a, use a larger value of a (say $a=1.0$)
 b. Rather than using the current value of a, use a smaller value of a (say $a=0.1$)
 c. $a=0.3$ is an effective choice of learning rate
 d. None of the above
19. What is a sentence parser typically used for?
 a. It is used to parse sentences to check if they are utf-8 compliant.
 b. It is used to parse sentences to derive their most likely syntax tree structures.
 c. It is used to parse sentences to assign POS tags to all tokens.
 d. It is used to check if sentences can be parsed into meaningful tokens.



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20. Suppose you have trained a logistic regression classifier and it outputs a new example x with a prediction $h(x)$.
0.2. This means

- a. Our estimate for $P(y=1 | x)$
- b. Our estimate for $P(y=0 | x)$
- c. Our estimate for $P(y=1 | x)$
- d. Our estimate for $P(y=0 | x)$

21. Which of the following is a widely used and effective machine learning algorithm based on the idea of bagging?

- a. Decision Tree
- b. Regression
- c. Classification
- d. Random Forest

22.) Which of the following is a good test dataset characteristic?

- a. Large enough to yield meaningful results
- b. Is representative of the dataset as a whole
- c. Both A and B
- d. None of the above

23.) How do you handle missing or corrupted data in a dataset?

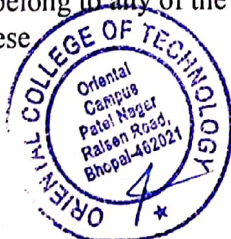
- a. Drop missing rows or columns
- b. Replace missing values with mean/median/mode
- c. Assign a unique category to missing values
- d. All of the above

24.) Why is second order differencing in time series needed?

- a. To remove stationary
- b. To find the maxima or minima at the local point
- c. Both A and B
- d. None of the above

25) Which of the following statement is true in following case?

- a. Feature F1 is an example of nominal variable.
- b. Feature F1 is an example of ordinal variable.
- c. It doesn't belong to any of the above category.
- d. Both of these



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- ans
- 1-d
- 2-a
- 3-d
- 4-c
- 5-c
- 6-d
- 7-c
- 8-c
- 9-a
- 10-d
- 11-a
- 12-c
- 13-d
- 14-b
- 15-d
- 16-c
- 17-a
- 18-c
- 19-b
- 20-b
- 21- d
- 22 - c
- 23- d
- 24 - c
- 25 - b



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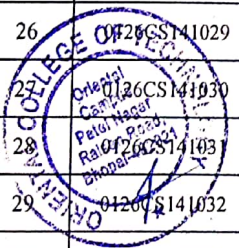
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ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF COMP SCIENCE & ENGG

ATTENDANCE SHEET

S.No	Enrollment No.	Student Name						
1	0126CS141001	AAYUSHI	Ayushi	A	Ayushi	Ayushi	Ayushi	Ayushi
2	0126CS141002	ABHISHEK JAIN	Jain	A	Jain	Jain	Jain	Jain
3	0126CS141003	ABHISHEK KUMAR	Kumar	A	Kumar	A	A	A
4	0126CS141004	ABHIVYAKTI TIWARI	A	Tiwari	Tiwari	A	Tiwari	Tiwari
5	0126CS141005	ADITI GANGRADE	A	A	A	A	A	A
6	0126CS141006	ADITYA KUMAR SONI	Soni	A	Soni	Soni	Soni	Soni
7	0126CS141007	ADITYA SHAH	Shah	A	A	Shah	A	A
8	0126CS141008	AJIT KUMAR CHOUBEY	A	Ajit	Ajit	A	Ajit	Ajit
9	0126CS141009	AKASH KUMAR GUPTA	AK Gupta	A	AK Gupta	A	AK Gupta	AK Gupta
10	0126CS141010	AKSHAY SARAF	Saraf	A	Saraf	Saraf	Saraf	Saraf
11	0126CS141011	ALI SIDDIQUE	A	A	A	A	A	A
12	0126CS141012	AMAN RAJPUT	A	Rajput	Rajput	Rajput	Rajput	Rajput
13	0126CS141013	ANIMESH JAIN	Jain	A	Jain	Jain	Jain	A
14	0126CS141014	ANIMESH SHRIVASTAVA	Animesh	A	Animesh	Animesh	A	A
15	0126CS141015	ANKIT GUPTA	A	A Gupta	A Gupta	A Gupta	A Gupta	A Gupta
16	0126CS141016	ANKITA DONGRE	Ankita		Ankita	Ankita	Ankita	Ankita
17	0126CS141017	ANKITA SINGH	A	A	A	A	A	A
18	0126CS141018	ANUBHAV NAYAK	Anu	Anu	Anu	A	A	A
19	0126CS141019	APOORV BHARDWAJ	Apoorv	A	Apoorv	Apoorv	Apoorv	Apoorv
20	0126CS141020	ARJITA SHRIVASTAVA	A	Arjita	Arjita	Arjita	A	A
21	0126CS141021	AVNI BUKHARIYA	Avni	A	Avni	Avni	A	A
22	0126CS141022	AVNI PANDE	Anvi	A	Anvi	Anvi	Anvi	Anvi
23	0126CS141025	AYUSH SINGH THAKUR	A	Ayush	Ayush	A	A	A
24	0126CS141027	AYUSHI JAIN	Ayush	A	Ayush	Ayush	A	A
25	0126CS141028	AYUSHI PARDIKAR	AP	AP	AP	A	AP	AP
26	0126CS141029	BISHWA RANJAN ACHARYA	BRacharya	BRacharya	A	BRacharya	A	A
27	0126CS141030	CHANDRA PRAKASH	A	Chandra	Chandra	Chandra	A	A
28	0126CS141031	DIPIKA SHARMA	Sharma	A	Sharma	Sharma	Sharma	Sharma
29	0126CS141032	DIVYA SONI	A	Soni	Soni	Soni	A	A
30	0126CS141033	DIVYA SONI	Soni	A	Soni	Soni	A	A
31	0126CS141034	EKANSH SINGH RATHORE	Rathore	A	Rathore	Rathore	Rathore	Rathore



32	0126CS141035	ETISHA DALAL	Etisha	Etisha	Etisha	A	Etisha
33	0126CS141036	GAJENDRA SINGH THAKUR	A	A	A	A	Etisha
34	0126CS141038	HARSHUL JAGGI	Jaggi	A	Jaggi	Jaggi	A
35	0126CS141039	HEMANT BELBASE	A	Hemant	Hemant	Hemant	Jaggi
36	0126CS141040	HIMANSHU KUMAR TIWARI	Himanshu	Himanshu	Himanshu	Himanshu	A
37	0126CS141041	HIMANSHU SAHU	Sahu	Sahu	Sahu	A	Sahu
38	0126CS141042	JASRAJ SINGH BIMRAH	A	A	A	A	A
39	0126CS141043	JHALAK GUPTA	Jhalak	Jhalak	A	Jhalak	A
40	0126CS141044	KALPIT MULEY	Muley	A	Muley	Muley	Muley
41	0126CS141045	KAPIL GUPTA	A	Kapil	Kapil	Kapil	A
42	0126CS141046	KARAN TAMRKAR	A	Karan	Karan	Karan	A
43	0126CS141047	KUNDAN KUMAR	K.K.	A	K.K.	K.K.	R.K.
44	0126CS141048	MAHIM JAIN	A	A	A	A	A
45	0126CS141049	MANGLAM GUPTA	A	Mang	Mang	Mang	A
46	0126CS141050	MAYUR YADAV	Yadav.	A	Yadav.	Yadav	Yadav
47	0126CS141051	MEENU SINGH	A	Meenu	Meenu	Meenu	A
48	0126CS141052	MEHUL PANDYA	Mehul	A	Mehul	Mehul	A
49	0126CS141054	MITALI KAWALE	M.K.	A	M.K.	M.K.	M.K.
50	0126CS141055	MOHAMMAD SHAHNAWAZ	Moham	A	Moham	A	A
51	0126CS141056	MOHD BILAL JAVED	A	Mohd Bi	Mohd Bi	Mohd Bi	
52	0126CS141057	NIDA QURESHI	Nida	A	Nida	Nida	Nida
53	0126CS141058	NIMISHA NANDAN	N.N.	A	N.N.	A	A
54	0126CS141060	NISHA WARWADE	Nish	A	Nish	A	Nish

Department
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6/8/20
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Oriental College of Technology
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Bhopal

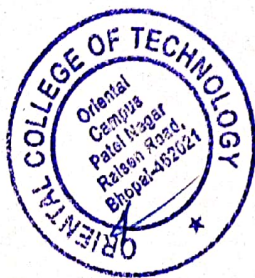
55	0126CS141061	PARUL MATHUR	P.M.	A	P.M.	P.M.	P.M.
56	0126CS141062	PARUL TRIPATHI	Parul	A	Parul	A	Parul
57	0126CS141063	PIYUSH PARNAMI	A	Piyush	Piyush	Piyush	A
58	0126CS141065	PRAGYA SRIVASTAVA	Pshya	A	Pshya	A	Pshya
59	0126CS141066	PRAKHAR GUPTA	Gupja	A	Gupja	Gupja	Gupja
60	0126CS141067	PRAKHAR SHRIVASTAVA	Prakhar	Prakhar	A	Prakhar	A
61	0126CS141068	PRANSHU CHOURASIA	Pransh	A	Pransh	Pransh	A
62	0126CS141069	PRASHANT KUMAR	P.K.	P.K.	P.K.	A	P.K.
63	0126CS141070	PRATEEK GUPTA	A	Prateek	Prateek	Prateek	A
64	0126CS141071	PRINCE APARAJIT YADAV	Prince	A	Prince	Prince	A
65	0126CS141072	RAJ DIWAN	Raji	A	A	A	A
66	0126CS141073	RANU MAURYA	Ranu	Ranu	Ranu	A	Ranu
67	0126CS141074	RANVIJAY SINGH RATHORE	Ranvijay	Ranvijay	Ranvijay	A	A
68	0126CS141075	RIDDHI KUMARI	A	A	A	A	A
69	0126CS141076	RINI BHAIJI	Rini	A	Rini	Rini	Rini
70	0126CS141077	RISHABH DUBEY	Rishabh	Rishabh	Rishabh	Rishabh	A
71	0126CS141078	RISHABH KHATRI	Rishabh	A	Rishabh	Rishabh	A
72	0126CS141080	SAHIL SINGH	SS	A	SS	SS	SS
73	0126CS141081	SAKSHI SHRIVASTAVA	Sakshi	Sakshi	Sakshi	A	A
74	0126CS141082	SAMEEN ALI	Ali	A	Ali	Ali	Ali
75	0126CS141083	SANCHIT PHAPUNKAR	Sanchit	A	Sanchit	A	A
76	0126CS141084	SANKALP AMBULKAR	Sankalp	A	Sankalp	A	Sankalp
77	0126CS141085	SAVINAY KUMAR	A	A	A	A	A
78	0126CS141088	SHASHANK GAUTAM	Shashank	Shashank	A	Shashank	A
79	0126CS141089	SHASHI KANT SAXENA	A	A	A	A	A
80	0126CS141090	SHEENAL GOYAL	Goyal	A	Goyal	Goyal	Goyal
81	0126CS141091	SHEFALI PATEL	A	Patel	Patel	Patel	A
82	0126CS141092	SHILPI SHRIVASTAVA	Shilpi	A	Shilpi	Shilpi	Shilpi
83	0126CS141093	SHIVANGI DUBEY	A	Dubey	Dubey	Dubey	A
84	0126CS141094	SHIVANGI SHAHI	A	Shiv	Shiv	A	Shiv
85	0126CS141095	SHIVANGI SHRIVASTAVA	Shiv	Shiv	Shiv	A	Shiv
86	0126CS141096	SHIVI AGNIHOTRI	A	Shivi	Shivi	Shivi	A
87	0126CS141097	SHIWANI BISNURKAR	S.Bis	A	S.Bis	S.Bis	S.Bis
88	0126CS141098	SHRUTI DUBEY	Shruti	Shruti	A	Shruti	Shruti



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89	0126CS141099	SHUBHAM KUMAR YADAV	Shubham	A	Shubham	A	Shubham
90	0126CS141100	SHWETA GAYAKI	Shweta	A	Shweta	A	Shweta
91	0126CS141101	SIDDHARTH KOURAV	A	A	A	A	A
92	0126CS141102	SMRITI MEGHASHILA	A	Smriti	Smriti	Smriti	A
93	0126CS141103	SNEHIL DUBEY	A	A	A	A	A
94	0126CS141104	SONIYA SHANKUSHAL	SS	A	SS	SS	SS
95	0126CS141105	SRISHTIRUPA VYAS	Srityas	Srityas	A	Srityas	A
96	0126CS141107	SUMIT KUMAR GUPTA	A	Sumit	Sumit	Sumit	A
97	0126CS141108	SUNNY KUMAR	Kumar	A	Kumar	Kumar	Kumar
98	0126CS141109	SUNNY PRAKASH	A	A	A	A	A
99	0126CS141111	SUYASH TIWARI	A	A	A	A	A
100	0126CS141112	TANISHA SHRIVASTAVA	Tanisha	A	Tanisha	Tanisha	A
101	0126CS141113	TOSHIKA DUBEY	Toshi	A	Toshi	Toshi	A
102	0126CS141114	VIJAYTA SINGH THAKUR	Thakur	A	Thakur	Thakur	Thakur
103	0126CS141115	VIKASH SHARMA	A	Vikash	Vikash	Vikash	A
104	0126CS141116	VIKRAM SINGH CHAUHAN	VS	A	VS	VS	VS
105	0126CS141117	VISHAL SONI	Vishal	A	Vishal	Vishal	A
106	0126CS141118	VISHWAJ GONDANE	VG	A	VG	VG	VG
107	0126CS141119	YASH TAGAI	A	Yagai	Yagai	Yagai	A
108	0126CS141120	YASH VARDHAN RATHI	Yash	A	Yash	Yash	A
109	0126CE141005	ABHISHEK JAIN	Jain	A	Jain	Jain	Jain

Director Department
Computer Science & Engineering
Oriental College of Technology, Bhopal



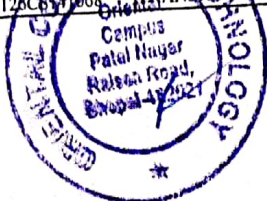
[Signature]
6/6/20

Director
Oriental College of Technology
Thakral Nagar, Raipur Road
Bhopal

Oriental College of Technology, Bhopal
Computer Science & Engineering Department
Value Added Course: Machine Learning, 19-23 Sept 2017
Course Code: CS 40001

ASSESSMENT SHEET

Sr.No.	Enroll NO.	Name of Student	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible to Receive Certificate or not
1	0126CS141001	AAYUSHI	35	15	70	Eligible
2	0126CS141002	ABHISHIK JAIN	38	40	78	Eligible
3	0126CS141003	ABHISHIK KUMAR	35	15	70	Eligible
4	0126CS141004	ABHIVYAKTI TIWARI	42	40	82	Eligible
5	0126CS141005	ADITI GANIRADE	A	A	0	Not Eligible
6	0126CS141006	ADITYA KUMAR SONI	35	15	70	Eligible
7	0126CS141007	ADITYA SIAH	42	40	82	Eligible
8	0126CS141008	AJIT KUMAR CHOUBEY	38	40	78	Eligible
9	0126CS141009	AKASH KUMAR GUPTA	37	40	77	Eligible
10	0126CS141010	AKSHAY SARAF	35	45	80	Eligible
11	0126CS141011	AKSHAY SARAF	45	47.5	92.5	Eligible
12	0126CS141012	ALI SIDDIQUE	35	40	75	Eligible
13	0126CS141013	AMAN RAJPUT	30	30	60	Eligible
14	0126CS141014	ANIMESH JAIN	30	35	70	Eligible
15	0126CS141015	ANIMESH SHRIVASTAVA	35	35	70	Eligible
16	0126CS141016	ANKIT GUPTA	42	40	82	Eligible
17	0126CS141017	ANKITA DONGRE	38	40	78	Eligible
18	0126CS141018	ANKITA SINGH	A	A	0	Not Eligible
19	0126CS141019	ANUBHAV NAYAK	35	35	70	Eligible
20	0126CS141020	APOORV BIHARDWAJ	42	40	82	Eligible
21	0126CS141021	ARJITA SHRIVASTAVA	38	40	78	Eligible
22	0126CS141022	ARJITA SHRIVASTAVA	37	40	80	Eligible
23	0126CS141023	AVNI BUKHARIYA	35	45	80	Eligible
24	0126CS141024	AVNI PANDE	45	47.5	92.5	Eligible
25	0126CS141025	AYUSH SINGH THAKUR	35	40	75	Eligible
26	0126CS141026	AYUSHI JAIN	30	30	60	Eligible
27	0126CS141027	AYUSHI PARDIKAR	30	35	70	Eligible
28	0126CS141028	AYUSHI PARDIKAR	35	35	70	Eligible
29	0126CS141029	BISHIWA RANJAN ACHARYA	42	40	82	Eligible
30	0126CS141030	CHANDRA PRAKASH	42	40	82	Eligible
31	0126CS141031	CHANDRA PRAKASH	38	40	78	Eligible
32	0126CS141032	DIPIKA SHARMA	35	35	70	Eligible
33	0126CS141033	DIVYA RANI	42	40	82	Eligible
34	0126CS141034	DIVYA SONI	42	40	82	Eligible
35	0126CS141035	EKANSH SINGH RATHORE	38	40	78	Eligible
36	0126CS141036	ETISHA DALAL	38	40	78	Eligible
37	0126CS141037	GAJENDRA SINGH THAKUR	A	A	0	Not Eligible
38	0126CS141038	GARSHUL JAGGI	35	35	70	Eligible
39	0126CS141039	HEMANT BELBASE	42	40	82	Eligible
40	0126CS141040	HIMANSHU KUMAR TIWARI	42	40	82	Eligible
41	0126CS141041	HIMANSHU SAHU	38	40	78	Eligible
42	0126CS141042	HIMANSHU SAHU	A	A	0	Not Eligible
43	0126CS141043	JASRAJ SINGH BIMRAH	35	35	70	Eligible
44	0126CS141044	JHALAK GUPTA	35	35	70	Eligible
45	0126CS141045	KALPIT MULEY	42	40	82	Eligible
46	0126CS141046	KALPIT MULEY	38	40	78	Eligible
47	0126CS141047	KAPIL GUPTA	38	40	78	Eligible
48	0126CS141048	KAPIL GUPTA	35	35	70	Eligible
49	0126CS141049	KARAN TAMRKAR	35	35	70	Eligible
50	0126CS141050	KARAN TAMRKAR	42	40	82	Eligible
51	0126CS141051	KUNDAN KUMAR	42	40	82	Eligible
52	0126CS141052	KUNDAN KUMAR	A	A	0	Not Eligible
53	0126CS141053	MAHIM JAIN	A	A	0	Not Eligible
54	0126CS141054	MAHIM JAIN	35	35	70	Eligible
55	0126CS141055	MANGLAM GUPTA	35	35	70	Eligible
56	0126CS141056	MANGLAM GUPTA	42	40	82	Eligible
57	0126CS141057	MAYUR YADAV	42	40	82	Eligible
58	0126CS141058	MAYUR YADAV	38	40	78	Eligible
59	0126CS141059	MEENU SINGH	37	40	77	Eligible
60	0126CS141060	MEHUL PANDYA	37	40	77	Eligible
61	0126CS141061	MEHUL PANDYA	35	45	80	Eligible
62	0126CS141062	MITALI KAWALE	35	45	80	Eligible
63	0126CS141063	MITALI KAWALE	45	47.5	92.5	Eligible
64	0126CS141064	MOHAMMAD SHAHNAWAZ	35	40	75	Eligible
65	0126CS141065	MOHD BILAL JAVED	35	40	75	Eligible
66	0126CS141066	MOHD BILAL JAVED	38	40	78	Eligible
67	0126CS141067	NIDA QURESHI	38	40	78	Eligible
68	0126CS141068	NIDA QURESHI	A	A	0	Not Eligible
69	0126CS141069	NIMISHA NANDAN	A	A	0	Not Eligible
70	0126CS141070	NIMISHA NANDAN	35	35	70	Eligible
71	0126CS141071	NISHA WARWADE	35	35	70	Eligible
72	0126CS141072	NISHA WARWADE	42	40	82	Eligible
73	0126CS141073	PARUL MATHUR	42	40	82	Eligible
74	0126CS141074	PARUL MATHUR	38	40	78	Eligible
75	0126CS141075	PARUL TRIPATHI	38	40	78	Eligible
76	0126CS141076	PARUL TRIPATHI	37	40	77	Eligible
77	0126CS141077	PIYUSH PARNAMI	37	40	77	Eligible
78	0126CS141078	PIYUSH PARNAMI	35	45	80	Eligible
79	0126CS141079	PRAGYA SRIVASTAVA	35	45	80	Eligible
80	0126CS141080	PRAGYA SRIVASTAVA	45	47.5	92.5	Eligible
81	0126CS141081	PRAKASH GUPTA	45	47.5	92.5	Eligible
82	0126CS141082	PRAKASH GUPTA	35	40	75	Eligible
83	0126CS141083	PRAKASH SHRIVASTAVA	35	40	75	Eligible
84	0126CS141084	PRAKASH SHRIVASTAVA	30	30	60	Eligible
85	0126CS141085	PRANAV CHOURASIA	30	30	60	Eligible



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62	0126CS141069	FRASHANT KUMAR	35	35	70	Eligible
63	0126CS141070	PRATEEK GUPTA	42	40	82	Eligible
64	0126CS141071	FRINCE AFARAJIT YADAV	38	40	78	Eligible
65	0126CS141072	RAJ DIWAN	A	A	0	Not Eligible
66	0126CS141073	RANU MAURYA	38	40	78	Eligible
67	0126CS141074	RANVIJAY SINGH RATHORE	38	40	78	Eligible
68	0126CS141075	RIDDHI KUMARI	A	A	0	Not Eligible
69	0126CS141076	RINI BHAUI	35	35	70	Eligible
70	0126CS141077	RISHABH DUBEY	42	40	82	Eligible
71	0126CS141078	RISHABH KHATRI	38	40	78	Eligible
72	0126CS141080	SAHIL SINGH	37	40	77	Eligible
73	0126CS141081	SAKSHI SHRIVASTAVA	35	45	80	Eligible
74	0126CS141082	SAMEEN ALI	45	47.5	92.5	Eligible
75	0126CS141083	SANCHIT PHAPUNKAR	35	40	75	Eligible
76	0126CS141084	SANKALP AMBULKAR	38	40	78	Eligible
77	0126CS141085	SAVINAY KUMAR	A	A	0	Not Eligible
78	0126CS141086	SHASHANK GAUTAM	38	40	78	Eligible
79	0126CS141089	SHASHI KANT SAXENA	A	A	0	Not Eligible
80	0126CS141090	SHEFAL GOYAL	35	35	70	Eligible
81	0126CS141091	SHEFALI PATEL	42	40	82	Eligible
82	0126CS141092	SHILPI SHRIVASTAVA	38	40	78	Eligible
83	0126CS141093	SHIVANGI DUBEY	37	40	77	Eligible
84	0126CS141094	SHIVANGI SHAHI	35	45	80	Eligible
85	0126CS141095	SHIVANGI SHRIVASTAVA	45	47.5	92.5	Eligible
86	0126CS141096	SHIVI AGNIHOTRI	35	40	75	Eligible
87	0126CS141097	SHIWANI BISNURKAR	30	30	60	Eligible
88	0126CS141098	SHRUTI DUBEY	35	35	70	Eligible
89	0126CS141099	SHUBHAM KUMAR YADAV	42	40	82	Eligible
90	0126CS141100	SHWETA GAYAKI	38	40	78	Eligible
91	0126CS141101	SIDDHARTH KOURAV	A	A	0	Not Eligible
92	0126CS141102	SMRITI MEGHASHILA	38	40	78	Eligible
93	0126CS141103	SNEHIL DUBEY	A	A	0	Not Eligible
94	0126CS141104	SONIYA SHANKUSHAL	42	40	82	Eligible
95	0126CS141105	SRIHITIRUPA VYAS	38	40	78	Eligible
96	0126CS141107	SUMIT KUMAR GUPTA	42	40	82	Eligible
97	0126CS141108	SUNNY KUMAR	38	40	78	Eligible
98	0126CS141109	SUNNY PRAKASH	A	A	0	Not Eligible
99	0126CS141111	SUYASH TIWARI	A	A	0	Not Eligible
100	0126CS141112	TANISHA SHRIVASTAVA	35	35	70	Eligible
101	0126CS141113	TOSHIKA DUBEY	42	40	82	Eligible
102	0126CS141114	VIJAYTA SINGH THAKUR	38	40	78	Eligible
103	0126CS141115	VIKASH SHARMA	37	40	77	Eligible
104	0126CS141116	VIKRAM SINGH CHAUHAN	35	45	80	Eligible
105	0126CS141117	VISHAL SONI	45	47.5	92.5	Eligible
106	0126CS141118	VISHWAJ GONDANE	45	47.5	92.5	Eligible
107	0126CS141119	YASH TAGAI	35	40	75	Eligible
108	0126CS141120	YASH VARDHAN RATHI	30	30	60	Eligible
109	0126CE141005	ABHISHEK JAIN	35	35	70	Eligible

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Director
Oriental College of Technology
Thakral Nagar, Raipur Road
Bhopal

Feedback Form

Value Added Course	Machine Learning (CSE 40001)
Date:	19-23 Sep 2017
Program Location:	CSE Dept Oriental College of Technology, Bhopal
Presenter(s):	Mr. Pradeep Mishra

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4= Strongly Agree

3= Agree

2= Disagree

1= Strongly Disagree

1. The Course objectives were stated clearly and met.	④ 3 2 1
2. The Course was well organized.	4 ③ 2 1
3. The information and/or skills presented were relevant and useful	④ 3 2 1
4. The presenter(s) provided adequate time for questions and answered them effectively.	④ 3 2 1
5. The presenter(s) allowed me to work with and learn from others.	4 ③ 2 1
6. The materials provided were sufficient & appropriate for the program.	④ 3 2 1
7. The physical arrangements were adequate.	4 ③ 2 1

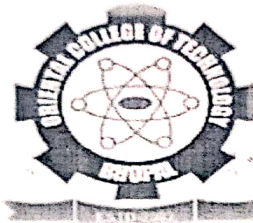


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6/6/20
Director

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Thakral Nagar, Raibon Road
Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Department of Computer Science And Engineering

This is to certify that Mr./Ms. AAYUSHI of CS-VII Sem , OCT, Bhopal, has Successfully Completed the "Value Added Course" on "Machine Learning" during 19-23 Sept 2017, organized by Computer Science and Engineering Department of Oriental College of Technology, Bhopal.



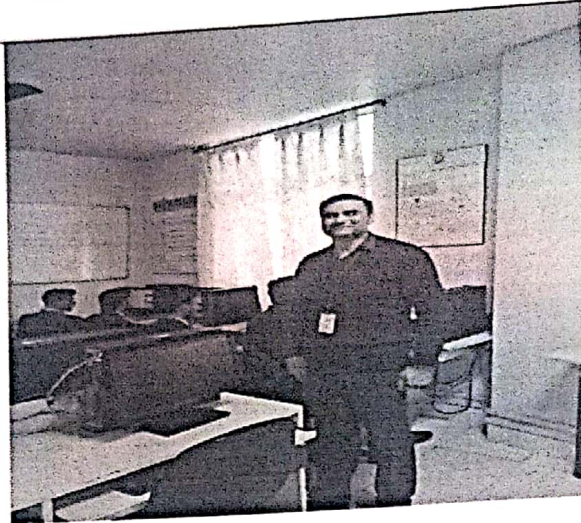
[Signature]
Co-Ordinator, CS, OCT

[Signature]
Head of Department, CS OCT

[Signature] 24/7/2020
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

[Signature]
Director, OCT

<i>Value Added Course</i>	<i>Machine Learning (CSE 40001)</i>
<i>Date:</i>	<i>19-23 Sep 2017</i>



Chud
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL
Department of Computer Science & Engineering



Report on Value Added Course on "Machine Learning"

Date and Time: 19-23, September, 2017

Organized by: CSE, OCT, Bhopal

Name of the Speakers: Mr. Saurabh Jain, Associate Professor, Mr. Pradeep Mishra Associate Professor, Ms. Vibha Nigam Assistant Professor.

Participants' Details: For IV -Year Students

Venue: CSE, OCT Campus

Summary of the Event

Computer Science Engineering plays prominent role in every domain and vital role in development of Nation. "Machine Learning" is a Value-Added course which will focus on providing vast knowledge on data, algorithms and automation of the systems.

The Department of Computer Science and Engineering Oriental College of Technology organized "Value Added Course on "Machine Learning" from 19 September 2017 to 23 September, 2017 for the students of Fourth year.

This Course syllabus was covered by Mr. Pradeep Mishra Associate Professor, Mr. Saurabh Jain Associate Professor and Ms. Vibha Nigam Assistant Professor, CSE, OCT in 30 Hrs. of 5-Day program.

Inaugural Ceremony started by Director Speech on 19 th September, 2017 and this course is conducted as per schedule and on 23 rd September,, 2017 valedictory function was conducted.



*Certified by
Saur*

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

[Signature]
Prof. Amit Dubey
Course Coordinator
CSE, OCT



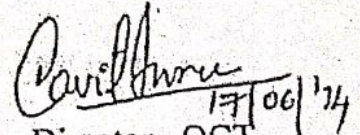
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Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14

Director, OCT

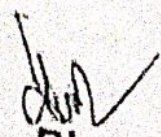
Director

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Copy to:

1. Academic Committee
2. All HoD's, OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Registration Form

Name:.....
Enrollment No.....
Branch:.....
Semester:.....
Address.....
.....
.....
City & Pin.....
E-mail id.....
Contact No:.....

Place:
Signature
Date:



Signature with Seal
Head of the Department

CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes
Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

CONVENOR

Mrs. Roopali SONI
ochothit@oriental.ac.in
Mobile: +919827042079

COURSE COORDINATOR

Mr Jitendra Singh Rathore
Mobile: +919109190390
Mrs. Sapna Kushwah
Mobile: +917987545017

ORGANISING COMMITTEE MEMBERS

Mr. Nilabh Kumar
Miss. Ruchi Jain

CONTACT

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Mr. Harendra Singh
Mobile: +918518852274

**Oriental College of Technology,
Bhopal**



Value Added Course

“Mean Stack Development”

[25-29, September, 2017]

For IV -Year Students

Organized By

Department of Information Technology

Oriental College of Technology,
Thakral Nagar, Raisen Road Bhopal - 462021
Phone: 25294026, 25294027, Fax: 0755-25294027

(Signature)
Head of Department
Information Technology
Oriental College of Technology, Bhopal

(Signature)
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal-Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc.

Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.

ABOUT THE DEPARTMENT

The Department of Information Technology is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams. The core competency of the

Department is in the area of Software Engineering, Database Management Systems, Data Structures etc. The Information Technology Department offers Undergraduate Program (B.E/ B.Tech) with an intake 120 Students.

ABOUT THE COURSE

Information Technology department plays prominent role in every domain and vital role in development of Nation. MEAN STACK DEVELOPMENT is Value Added course which will provide benefits to the participants in many ongoing research areas in latest technologies.

OBJECTIVES & CONTENTS

Mean stack refers to a collection of JavaScript technologies used to develop web applications. Therefore, from the client to the server to the database everything is based on JavaScript. MEAN is a full-stack development toolkit used to develop a fast and robust web application

ELIGIBILITY

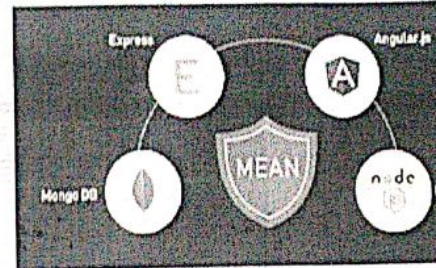
The Fourth year Students of Information Technology branch are eligible to attend the Course on MEAN STACK DEVELOPMENT

REGISTRATION

No Registration fees.

SPEAKERS

Mr. Jitendra Singh Rathore
[Assistant Professor, Oriental College of
Technology, Bhopal]
Miss Sapna Kushwah
[Assistant Professor, Oriental College of
Technology, Bhopal]



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Oriental College of Technology, Bhopal

Department of Information Technology

Syllabus of Value Added Course on

Mean Stack Development

Module -1

- HTML, CSS, BootStrap,
- Passport,
- Web pack,
- Basic web concepts,
- Advanced Web Concepts,
- RDBMS,
- REST API

Module -2


- Introduction
- How to install
- How to set up a project
- Angular CLI • Components and modules
- Data binding and Event binding
- Templates and Directives
- Pipes • Routing • Services
- HTTP Service and HTTP Client
- Forms
- Angular animations and materials

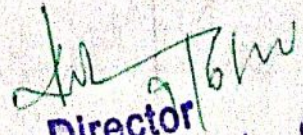
Module-3

- Nodejs – Introduction
- How to install
- How to reate a nodejs app, how to create a nodejs server, sending basic request and responses.
- Node Package Manager (NPM)
- Callbacks concept
- Event driven programming concepts
- Event loop and Emitter
- Buffers, Streams, File system
- Global objects • Utility modules
- Web module • Rest API through Nodejs
- How to scale a nodejs application
- Packaging

Module-4

- MongoDB -- Introduction
- Overview
- How to install
- Data modeling
- Create Database
- Drop Database



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Information Technology
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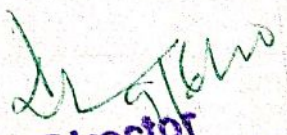

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- Create Collection
- Drop Collection
- Datatypes • Insert Document
- Query Document
- Update Document
- Delete Document
- find() method
- Limit, Sort and Indexing
- Aggregation
- Replication and sharding
- Create Backup
- Deployment
- MongoDB with Nodejs
- Templating
- Static files

Module5

- Form Data
- Express with Database (MongoDB)
- Cookies, Sessions • Authentication
- Rest APIs
- Scaffolding
- Error handling and debugging


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SCHEDULE

5 Days Value Added Course on Mean Stack Development [25-Sep-2017 To 29-Sep-2017]

25Sep 2017

Time	Session	Teacher
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Introduction to Mean Stack Development, Introduction to HTML,CSS, Bootstrap	Mr Jitendra Singh Rathore
12:30-1:10PM	LUNCH	
01:10-3:10PM	Passport, Web pack Basic Web Concepts,	Mr Jitendra Singh Rathore
3:10 -3:30PM	Break	
03:30-5:30PM	RDBMS, Rest API	Mr Jitendra Singh Rathore

26Sep 2017

Time	Session	Teacher
9:00-11:00AM	How to Install, How to set up a Project	Mr Jitendra Singh Rathore
11:00-11:30AM	Break	
11:30-01:00PM	Angular CLI, Components and Modules, Data Binding and event binding	Mr Jitendra Singh Rathore
01:00-1:40PM	LUNCH	
01:40-4:30PM	Templates and Directives Forms and Angular animations etc	Miss Kavita Rawat

27Sep 2017

Time	Session	Teacher
9:00-11:00AM	NodeJs – Introductions, How to Install, How to create a Nodejs app, Node package Manager(NPM)	Mr Jitendra Singh Rathore
11:00-11:30AM	Break	
11:30-01:00PM	Web Module Rest API through NodeJs	Mr Jitendra Singh Rathore
01:00-1:40PM	LUNCH	
01:40-4:30PM	How to scale Nodejs applications ,Global Objects	Mr Jitendra Singh Rathore

28 Sep 2017

Time	Session	Teacher
9:00-11:00AM	Mongo DB- Introduction Overview How to Install Data Modeling	Mr Jitendra Singh Rathore
11:00-11:30AM	Break	
11:30-01:00PM	Create Database ,drop Data base, Create Collection Drop Collection datatypes Insert Documents, Update Documents, Static files	Mr Jitendra Singh Rathore
01:00-1:40PM	LUNCH	
01:40-4:30PM	Class Room Assessment	Mrs. Sapna Kushwah

29Sep 2017

Time	Session	Teacher
9:00-11:00AM	Form data Express with Database(Mongodb), Cookies Sessions	Mrs. Sapna Kushwah
11:00-11:30AM	Break	
11:30-01:00PM	Scaffolding Error Handling and debugging	Mrs. Sapna Kushwah
01:00-1:40PM	LUNCH	
01:40-3:10PM	Practical Examples with small hands on	Mrs. Sapna Kushwah
3:30-3:30PM	Objective test	Mrs. Sapna Kushwah
3:30-4:30PM	Valedictory & Certificate distribution	Mrs. Sapna Kushwah



Sapna
 Head of Department
 Information Technology
 Oriental College of Technology, Bhopal
 9/6/20
Director
 Oriental College of Technology
 Bhopal

Objective type test on Mean Stack Development			
Branch:	Information Technology		
Semester:	VII Semester		
Subject:	Value added course on Mean Stack Development	Subject Code: IT 40001	Time: 1 Hour
Note	All questions are compulsory		Max Marks 50

1 In which of the following areas, Node.js is not advised to be used?

- A - Single Page Applications
- B - JSON APIs based Applications
- C - CPU intensive applications
- D - Data Intensive Realtime Applications (DIRT)

2 By default, npm installs any dependency in the global mode.

- A - true
- B - false

3 Which of the following is true about EventEmitter.on property?

- A - on property is used to fire event.
- B - on property is used to bind a function with the event.
- C - on property is used to locate an event handler.
- D - None of the above.

4 Which method of fs module is used to get information about file?

- A - fs.open(path, flags[, mode], callback)
- B - fs.stat(path, callback)
- C - fs.readFile(path, flags[, mode], callback)
- D - None of the above.

5 Which method of fs module is used to read a directory?

- A - fs.readDirectory(path[, mode], callback)
- B - fs.read(path[, mode], callback)
- C - fs.readdir(path, callback)
- D - None of the above.

6 Which of the following code prints memory usage?

- A - console.log(process.memoryUsage());
- B - console.log('Current version: ' + process.memory());
- C - console.log('Current version: ' + process.getMemory());
- D - None of the above.

7 Which of the following module is required for network specific operations?

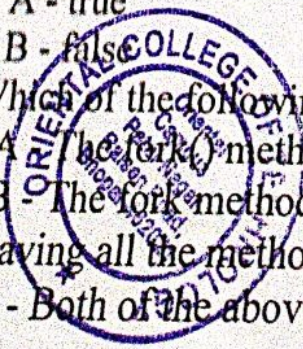
- A - os module
- B - fs module
- C - net module
- D - None of the above.


8 net.isIP(input) returns 4 for IP version 4 addresses.

- A - true
- B - false

9 Which of the following is true about fork method of child_process module?

- A - The fork() method method is a special case of the spawn() to create child processes.
- B - The fork method returns object with a built-in communication channel in addition to having all the methods in a normal ChildProcess instance.
- C - Both of the above.




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...ne of the above.
child processes always have three streams child.stdin, child.stdout, and child.stderr
which may be shared with the stdio streams of the parent process.

- A - true
- B - false

- 11 Which of the following is true about RESTful web services?
- A. Webservices based on REST Architecture are known as RESTful web services
 - B. Webservices uses HTTP methods to implement the concept of REST architecture
 - C. Both of the above
 - D. None of the above

- 12 The Node.js modules can be exposed using
- A. module.expose
 - B. module
 - C. module.exports
 - D. All of the above

- 13 In Node.js how node based web servers differ from traditional web servers?
- A. Node based server uses a single threaded model and can serve much larger number of requests compared to any traditional server like Apache HTTP Server.
 - B. Node based server process request much faster than traditional server.
 - C. There is no much difference between the two.
 - D. All of the above

- 14 Which statement executes the code of sample.js file?
- A. nodejs sample.js
 - B. node sample.js
 - C. sample.js
 - D. None of the above

- 15 What are the key features of Node.js?
- A. Real time Data intensive
 - B. Highly scalable servers for Web Applications
 - C. Builds fast and scalable network Applications
 - D. All of the above

- 16 How can we check the current version of NPM?
- A. npm --version
 - B. npm --ver
 - C. npm help
 - D. None of the above

- 17 What is the advantage of using node.js?
- A. It provides an easy way to build scalable network programs
 - B. Generally fast
 - C. Great concurrency
 - D. All of these

- 18 Why a Node.JS code is pretty fast although being written in JavaScript?
- A. Node.JS internally converts JavaScript code to Java based code and then execute the same
 - B. Node.JS internally converts JavaScript code to C based code and then execute the same
 - C. Being built on Google Chrome's V8 JavaScript Engine

- 19 What is REPL in Node.js?
- A. Eval
 - B. Print
 - C. Loop
 - D. All of these
- 20 Which module is used to serve static resources in Node.js?
- A. node-static



[Handwritten Signature]
Head of Department
Information Technology
Oriental College of Technology, Raipur, Chhattisgarh, India
Director
Oriental College of Technology
Thakurji Nagar, Raipur Road
Raipur

http

C. node-resource

D. static

What should you do in your code to improve your application's performance?

A. Use gzip compression

B. Don't use synchronous functions

C. Do logging correctly

D. Handle exceptions properly

22 Is console a global object?

A. null

B. false

C. true

D. None

23 To install Node.js express module

A. \$ npm install express

B. \$ node install express

C. \$ install express

D. None of above

24 Which of the followings are valid languages for Node.js?

A. JavaScript

B. Java

C. C++

D. C#


25 Which of the following tool automates various tasks of Node.js application?

A. Express.js

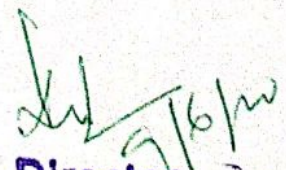
B. GruntJS

C. NPM

D. None of the above


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ORIENTAL COLLEGE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Value Added Course: Mean Stack Development

Course Code: IT 40001

SEM: 7 SEM

ATTENDANCE SHEET


SNo	Enrollment No	Student Name	22-Sep-17	23-Sep-17	24-Sep-17	25-Sep-17	26-Sep-17
1	0126IT141001	AAKASH TIWARY	Ak	Ak	Ak	Ak	Ak
2	0126IT141002	AAYUSHI GUPTA	Ayush	Ayush	Ayush	Ayush	Ayush
3	0126IT141004	ABHISHEK SHARMA	Asharma	Asharma	Asharma	Asharma	Asharma
4	0126IT141005	ABID SHEIKH	ABid	ABid	ABid	ABid	ABid
5	0126IT141006	ADIBA ARSHAD	Adiba	Adiba	Adiba	Adiba	Adiba
6	0126IT141007	ADITYA PANDIT	Aditya	Aditya	Aditya	Aditya	Aditya
7	0126IT141008	AISHWARYA MALVIYA	Aish	Aish	Aish	Aish	Aish
8	0126IT141010	AKASH RAJPUT	Akash	Akash	Akash	Akash	Akash
9	0126IT141011	ALEFIYA HUSSAIN	Alifiya	Alifiya	Alifiya	A	Aman
10	0126IT141014	AMAN JAIN	Aman	Aman	Aman	Anindya	Anindya
11	0126IT141016	ANINDYA PARASHAR	Anindya	Anindya	Anindya	A	A
12	0126IT141017	ANIRUDDHA TRIVEDI	Aniruddha	Aniruddha	Aniruddha	A	A
13	0126IT141018	ANJALI JAIN	Anjali	Anjali	Anjali	A	A
14	0126IT141019	ANKIT KUMAR	Ankit	Ankit	Ankit	A	A
15	0126IT141020	ANKIT KUMAR	Ankit	Ankit	Ankit	Ankit	Ankit
16	0126IT141021	ANKIT PANDEY	Ankit	Ankit	Ankit	Anurag	Anurag
17	0126IT141022	ANURAG RAI	Anurag	Anurag	Anurag	Anurag	Anurag
18	0126IT141023	ARCHIE BISEN	Archie	Archie	Archie	Singh	A
19	0126IT141024	ARPIT SINGH	Arpit	Arpit	Arpit	A	A
20	0126IT141025	ARUN LOWANSHI	Arun	Arun	Arun	A	A
21	0126IT141026	ASHVINI PRAKASH	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini
22	0126IT141027	ASTHA VYAS	Astha	Astha	Astha	A	A
23	0126IT141028	ATHIRA UNNI	Athira	Athira	Athira	Athira	Athira
24	0126IT141029	AYUSH SHRIVASTAVA	Ayush	Ayush	Ayush	Ayush	Ayush
25	0126IT141030	AYUSHI BAJAJ	Ayushi	Ayushi	Ayushi	A	A
26	0126IT141033	DEEPAK KUMAR SAHU	Deepak	Deepak	Deepak	Deepak	Deepak
27	0126IT141036	FARAZ IMRAN KHAN	Faraz	Faraz	Faraz	Faraz	Faraz
28	0126IT141037	FARHA KHAN	Farha	Farha	Farha	Farha	Farha
29	0126IT141038	GARVITA SARAF	Garvita	Garvita	Garvita	Garvita	Garvita
30	0126IT141039	GAURAV	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
31	0126IT141040	GUNJAN RAGHUWANSHI	Gunjan	Gunjan	Gunjan	Gunjan	Gunjan
32	0126IT141042	HIMANGINEE SAHA	Himanginee	Himanginee	Himanginee	Himanginee	Himanginee
33	0126IT141043	KAUSAR PARVEEN	Kausar	Kausar	Kausar	Kausar	Kausar
34	0126IT141044	KM KAVYA AGNIHOTRI	Kavya	Kavya	Kavya	Kavya	Kavya
35	0126IT141045	KOMAL VIDYARTHI	Komal	Komal	Komal	Komal	Komal
36	0126IT141047	KUMAR ANKIT	Kumar Ankit	Kumar Ankit	Kumar Ankit	Kumar Ankit	Kumar Ankit
37	0126IT141048	LOVELY PRIYA	Lovely	Lovely	Lovely	Lovely	Lovely
38	0126IT141049	MAHIMA GIRI	Mahima	Mahima	Mahima	Mahima	Mahima
39	0126IT141051	MAHIMA AGRAWAL	Mahima	Mahima	Mahima	Mahima	Mahima
40	0126IT141052	NAMAN ANAND	Naman	Naman	Naman	Naman	Naman
41	0126IT141053	NEHA ANAND	Neha	Neha	Neha	Neha	Neha
42	0126IT141054	NEHA KUMARI	Neha Kumari	Neha Kumari	Neha Kumari	Neha Kumari	Neha Kumari
43	0126IT141055	NEHA KUMARI	Neha	Neha	Neha	Neha	Neha
44	0126IT141056	NELSON B XAVIER	Nelson	Nelson	Nelson	Nelson	Nelson
45	0126IT141058	NIKHIL SINGH BHADORIA	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
46	0126IT141059	POOJA TIWARI	Pooja	Pooja	Pooja	Pooja	Pooja
47	0126IT141061	PRACHI BISEN	Prachi	Prachi	Prachi	Prachi	Prachi
48	0126IT141062	PRAGYA JAIN	Pragya	Pragya	Pragya	Pragya	Pragya
49	0126IT141063	PRAGYA PUNDHIR	Pragya	Pragya	Pragya	Pragya	Pragya
50	0126IT141064	PRANSHU PATIAK	Pranshu	Pranshu	Pranshu	Pranshu	Pranshu
51	0126IT141065	PRANSHU SAURABH	Pranshu	Pranshu	Pranshu	Pranshu	Pranshu
52	0126IT141067	PRIYADARSHINI	Priya	Priya	Priya	Priya	Priya
53	0126IT141068	PRIYESH RAJORIYA	Priyesh	Priyesh	Priyesh	Priyesh	Priyesh
54	0126IT141069	RAGINI YADAV	Ragini	Ragini	Ragini	Ragini	Ragini
55	0126IT141070	RAHUL HARIPRIYA	Rahul	Rahul	Rahul	Rahul	Rahul
56	0126IT141071	RAJ NILAYAM	Raj	Raj	Raj	Raj	Raj
57	0126IT141072	RAJUL SINGH RAJPUT	Rajul	Rajul	Rajul	Rajul	Rajul
58	0126IT141074	RAVINDRA SINGH	Ravindra	Ravindra	Ravindra	Ravindra	Ravindra
59	0126IT141105	SURDHI GIRDHANI	Surdhi	Surdhi	Surdhi	Surdhi	Surdhi
60	0126IT141106	SUSHANT KUMAR	Sushant	Sushant	Sushant	Sushant	Sushant
61	0126IT141107	SUSHIL KUMAR	Sushil	Sushil	Sushil	Sushil	Sushil
62	0126IT141108	SUYASH VIJAY SARVATE	Suyash	Suyash	Suyash	Suyash	Suyash
63	0126IT141110	SWATANTRA SAWAN	Swatantra	Swatantra	Swatantra	Swatantra	Swatantra
64	0126IT141111	TANYA SONI	Tanya	Tanya	Tanya	Tanya	Tanya
65	0126IT141112	VARASHI RAGHUWANSHI	Varashi	Varashi	Varashi	Varashi	Varashi
66	0126IT141113	VARASHI RAGWANSHI	Varashi	Varashi	Varashi	Varashi	Varashi
67	0126IT141114	VASHNAVI GUPTA	Vashnavi	Vashnavi	Vashnavi	Vashnavi	Vashnavi
68	0126IT141115	VARUN MILIND KELKAR	Varun	Varun	Varun	Varun	Varun

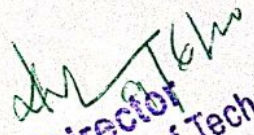


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69	0126IT141116	VIDHI VORA	Vidhi Vora	Vidhi Vora	Vidhi Vora	Vidhi Vora	Vidhi Vora
70	0126IT141117	VIJAY PRATAP SINGH RAJAWAT	Vijay	Vijay	Vijay	Vijay	Vijay
71	0126IT141118	VIKAS ANAND SADH	Vikas	Vikas	Vikas	Vikas	Vikas
72	0126IT141119	YASH DUBEY	Yash	Yash	Yash	Yash	Yash
73	0126IT141121	YASH SHARMA	Yash	Yash	Yash	Yash	Yash
74	0126IT141122	YASMEEN PARVEEN	Yasmeen	Yasmeen	Yasmeen	Yasmeen	Yasmeen


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ORIENTAL COLLEGE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Value Added Course: Mean Stack Development

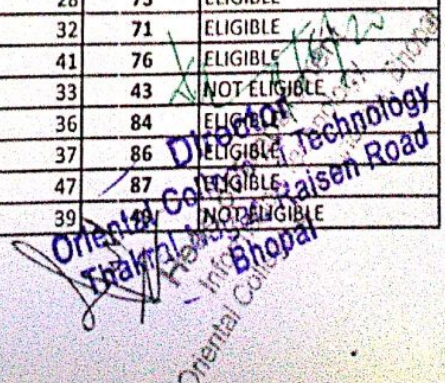
Course Code: IT 40001

ASSESSMENT SHEET

SEM: 7 SEM

Session July-dec 2017

SNo	Enrollment No	Student Name	Class Room Assessment	Objective Type	Total	Eligible or Not eligible
			50	50	100	
1	0126IT141001	AAKASH TIWARY	33	26	59	ELIGIBLE
2	0126IT141002	AAYUSHI GUPTA	39	39	78	ELIGIBLE
3	0126IT141004	ABHISHEK SHARMA	47	44	91	ELIGIBLE
4	0126IT141005	ABID SHEIKH	31	32	63	ELIGIBLE
5	0126IT141006	ADIBA ARSHAD	28	38	66	ELIGIBLE
6	0126IT141007	ADITYA PANDIT	32	26	58	ELIGIBLE
7	0126IT141008	AISHWARYA MALVIYA	41	33	74	ELIGIBLE
8	0126IT141010	AKASH RAJPUT	28	28	56	ELIGIBLE
9	0126IT141011	ALEFIYA HUSSAIN	15	32	47	NOT ELIGIBLE
10	0126IT141014	AMAN JAIN	44	45	89	ELIGIBLE
11	0126IT141016	ANINDYA PARASHAR	36	29	65	ELIGIBLE
12	0126IT141017	ANIRUDDHA TRIVEDI	10	0	10	NOT ELIGIBLE
13	0126IT141018	ANJALI JAIN	12	26	38	NOT ELIGIBLE
14	0126IT141019	ANKIT KUMAR	11	30	41	NOT ELIGIBLE
15	0126IT141020	ANKIT KUMAR	12	35	47	NOT ELIGIBLE
16	0126IT141021	ANKIT PANDEY	39	32	71	ELIGIBLE
17	0126IT141022	ANURAG RAI	27	47	74	ELIGIBLE
18	0126IT141023	ARCHIE BISEN	41	32	73	ELIGIBLE
19	0126IT141024	ARPIT SINGH	35	44	79	ELIGIBLE
20	0126IT141025	ARUN LOWANSHI	12	32	44	NOT ELIGIBLE
21	0126IT141026	ASHVINI PRAKASH	9	40	49	NOT ELIGIBLE
22	0126IT141027	ASTHA VYAS	41	26	67	ELIGIBLE
23	0126IT141028	ATHIRA UNNI	30	47	77	ELIGIBLE
24	0126IT141029	AYUSH SHRIVASTAVA	26	43	69	ELIGIBLE
25	0126IT141030	AYUSHI BAJAJ	26	44	70	ELIGIBLE
26	0126IT141033	DEEPAK KUMAR SAHU	45	36	81	ELIGIBLE
27	0126IT141036	FARAZ IMRAN KHAN	15	28	43	NOT ELIGIBLE
28	0126IT141037	FARHA KHAN	34	29	63	ELIGIBLE
29	0126IT141038	GARVITA SARAF	46	37	83	ELIGIBLE
30	0126IT141039	GAURAV	42	29	71	ELIGIBLE
31	0126IT141040	GUNJAN RAGHUWANSHI	33	38	71	ELIGIBLE
32	0126IT141042	HIMANGINEE SAHA	42	37	79	ELIGIBLE
33	0126IT141043	KAUSAR PARVEEN	30	42	72	ELIGIBLE
34	0126IT141044	KM KAVYA AGNIHOTRI	44	36	80	ELIGIBLE
35	0126IT141045	KOMAL VIDYARTHI	44	38	82	ELIGIBLE
36	0126IT141047	KUMAR ANKIT	27	36	63	ELIGIBLE
37	0126IT141048	LOVELY PRIYA	48	28	76	ELIGIBLE
38	0126IT141049	MAHIMA GIRI	48	34	82	ELIGIBLE
39	0126IT141051	MUBSIRA AHMAD	46	26	72	ELIGIBLE
40	0126IT141052	NAMAN AGRAWAL	26	37	63	ELIGIBLE
41	0126IT141053	NEHA ANAND	44	27	71	ELIGIBLE
42	0126IT141054	NEHA KUMARI	38	43	81	ELIGIBLE
43	0126IT141055	NEHA KUMARI	38	44	82	ELIGIBLE
44	0126IT141056	NELSON B XAVIER	26	34	60	ELIGIBLE
45	0126IT141058	NIKHIL SINGH BHADORIA	10	31	41	NOT ELIGIBLE
46	0126IT141059	POOJA TIWARI	29	28	57	ELIGIBLE
47	0126IT141061	PRACHI BISEN	42	27	69	ELIGIBLE
48	0126IT141062	PRAGYA JAIN	45	28	73	ELIGIBLE
49	0126IT141063	PRAGYA PUNDIR	39	32	71	ELIGIBLE
50	0126IT141064	PRANSHU PATHAK	35	41	76	ELIGIBLE
51	0126IT141065	PRANSHU SAURABH	10	33	43	NOT ELIGIBLE
52	0126IT141067	PRIYADARSHINI	48	36	84	ELIGIBLE
53	0126IT141068	PRIYESH RAJORIYA	49	37	86	ELIGIBLE
54	0126IT141069	RAGINI YADAV	40	47	87	ELIGIBLE
55	0126IT141070	RAHUL HARIPRIYA	10	39	49	NOT ELIGIBLE



56	0126IT141071	RAJ NILAYAM	47	41	88	ELIGIBLE
57	0126IT141072	RAJUL SINGH RAJPUT	34	31	65	ELIGIBLE
58	0126IT141074	RAVINDRA SINGH	12	36	48	NOT ELIGIBLE
59	0126IT141105	SURBHI GIRDIANI	29	42	71	ELIGIBLE
60	0126IT141106	SUSHANT KUMAR	41	48	89	ELIGIBLE
61	0126IT141107	SUSHIL KUMAR	31	37	68	ELIGIBLE
62	0126IT141108	SUYASH VIJAY SARVATE	16	26	42	NOT ELIGIBLE
63	0126IT141110	SWATANTRA SAWAN	45	44	89	ELIGIBLE
64	0126IT141111	TANYA SONI	45	42	87	ELIGIBLE
65	0126IT141112	URVASHI RAGHUVANSHI	43	47	90	ELIGIBLE
66	0126IT141113	VAIBHAV RAGWANSHI	30	42	72	ELIGIBLE
67	0126IT141114	VAISHNAVI GUPTA	26	39	65	ELIGIBLE
68	0126IT141115	VARUN MILIND KELKAR	39	39	78	ELIGIBLE
69	0126IT141116	VIDHI VORA	44	30	74	ELIGIBLE
70	0126IT141117	VIJAY PRATAP SINGH RAJAWAT	37	32	69	ELIGIBLE
71	0126IT141118	VIKAS ANAND SADH	38	35	73	ELIGIBLE
72	0126IT141119	YASH DUBEY	33	48	81	ELIGIBLE
73	0126IT141121	YASH SHARMA	12	26	38	NOT ELIGIBLE
74	0126IT141122	YASMEEN PARVEEN	31	38	69	ELIGIBLE

[Signature]
Head of Department
Information Technology
Oriental College of Technology, BH

[Signature]
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal



ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal]

Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Department of Information Technology

Session: 2017-18

CERTIFICATE

This is to certify that Mr./Ms Kausar Parveen of IT VII Semester, OCT, Bhopal has Successfully Completed the "Value Added Course" on "Mean Stack Development" during 25- 29 Sept 2017, organized by Department of Information Technology, Oriental College of Technology, Bhopal.



Co-Ordinator, IT, OCT

Head of Department, IT, OCT

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal
Director, OCT

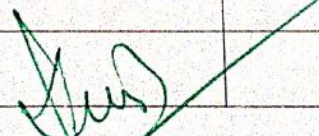
Course Evaluation/ Feedback Form

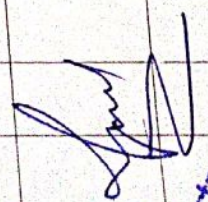
Value Added Course / Special course	Mean Stack Development
Duration	25 To 29 September 2017
Venue	Oriental College of Technology, Bhopal
Presenter(s):	Mr Jitendra Singh Rathore , Mrs Sapna Kushwah

Please respond to the following statements by using the ✓ mark to indicate the extent to which you agree or disagree with each statement.

Content	Excellent	Very Good	Good	Fair	Poor
The course as a whole was:	✓				
The course content was:		✓			
The instructor's contribution to the course was:	✓				
The instructor's effectiveness in teaching the subject matter was:		✓			
Course Organization was:			✓		
Clarity of instructor's voice was:	✓				
Explanations by instructor were:		✓			
Instructor's use of examples and illustrations was:	✓				
Quality of questions or problems raised by the instructor was:			✓		
Student's confidence in instructor's knowledge was:		✓			
Instructor's enthusiasm was:			✓		
Encouragement given to students to participate was:	✓				
Answers to student questions were:		✓			
Availability of extra help when needed was:	✓				
Use of class time was:			✓		
Instructor's interest in student's progress was:	✓				
Amount you learned was:			✓		
Clarity of student requirements was:		✓			
Intellectual challenge was:			✓		




Director
Oriental College of Technology
 The Indira Nagar, Patel Road
 Bhopal


Head of Department
Information Technology
 Oriental College of Technology



Report on Value Added Course on Mean stack Development

Date and Time: 25 September , to September 29, 2017. **Venue:** Department of Information Technology ,OCT Campus, Bhopal. **Organized by:** Information Technology Department, OCT , Bhopal. **Name of the Speakers:** The speakers were from Department of Information Technology OCT , Bhopal they are Mr Jitendra Rathore ,Miss Kavita Rawat and Mrs Sapna Kushwah. **Participants Details:** The students participated were Fourth Year Students

Summary of the Event

The value added courses adds value to the basic ongoing degree program. The students get an insight into the technological advancements and the recent trends that are prevailing in the outside world which gives an added benefit to the placement and gives added advantages to the employment opportunities of the students

The course is divided into five modules and at the end there was an assessment by which the students are awarded certificates.

On September 25, the course started with the inaugural and presidential speech of Director Oriental College of Technology. In his presidential speech emphasized on the need to collaborate the academic and the non academic education.

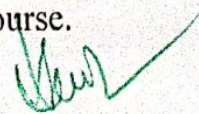
The course was conducted strictly according to the schedule and at last the convener of the course gave away the vote of thank.. At the end the convener thanked all the faculties, office staff a student volunteers for their unconditional support in organizing this Course.

Prof. Roopali Soni

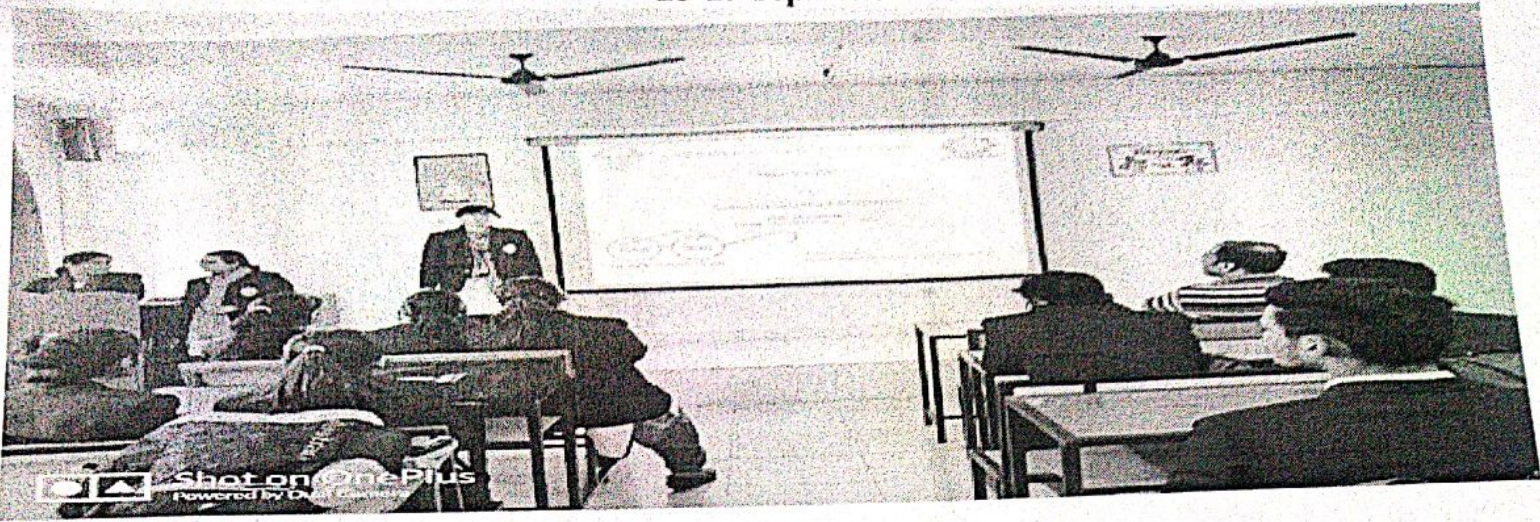
Course Convenor

IT, OCT




Director
Oriental College of Technology
Thakral Nagar, Reisen Road
Bhopal

25-29 sep 2017



Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal





ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

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Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.

Cavit Anwar
17/06/14

Director, OCT

Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Copy to:

1. Academic Committee
2. All HoD's, OCT



[Signature]

Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Registration Form

Name:.....

Enrollment No.....

Branch:.....

Semester:.....

Address.....

.....

.....

.....

City & Pin.....

E-mail id.....

Contact No:.....

Place:

Signature

Date:

Rahul
Signature with Seal
Head of the Department



CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes
Mrs. Niraj Ghei
Chair Person, Oriental College of Technology,
Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

CONVENOR

Dr. Rahul Dubey
octhodec@oriental.ac.in

COURSE COORDINATOR

Mr. Abhigyanam Giri
Mobile: 7566601006
Mr. Kapil Gupta
Mobile: +917869317894

ORGANISING COMMITTEE MEMBERS

Mr. Kapil Gupta
Mr. Amish Jha

CONTACT

Dr. Rahul Dubey
octhodec@oriental.ac.in
Mr. Kapil Gupta
Mobile: +917869317894

**Oriental College of Technology,
Bhopal**



Value Added Course

on

“APPLICATIONS OF IoT”

[18-22, September, 2017]

For IV -Year Students

In Association with



Organised By

Department of Electronics & Communication
Engineering

Rahul
Director
Oriental College of Technology,
Thakral Nagar, Raisen Road, Bhopal - 462021
Phone: 2529026, 2529057, Fax: 0755-2529472
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal- Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology, offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc.

Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.

ABOUT THE DEPARTMENT

The Department of Electronics & Communication is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams. The core competency of the Department is in the area of VLSI, Arduino & Embedded System.

Head of Department
Electronics & Communication Engineering
Oriental College of Technology, Bhopal

The EC Department offers M.Tech Course in Electronics along with Undergraduate Program (B.E/ B.Tech) with an intake of 18 and 120 respectively.

ABOUT THE COURSE

Electronics & Communication Engineering plays prominent role in every domain. "APPLICATIONS OF IOT" is Value Added course which can provide benefits to the participants in many ongoing research areas in latest technologies. Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent.

OBJECTIVES & CONTENTS

Internet of Things covers the current Industry Trends in IoT which encompass a wide range of skills that are integral and necessary part of everyday business, day life or work environment.

- ✓ Introduction to the Internet of Things
- ✓ IOT architecture
- ✓ IOT Protocol
- ✓ Detail of IOT Simulator
- ✓ Open Source Platform for IOT

ELIGIBILITY

The Fourth year Students of Electronics & Communication Engineering branch is eligible to attend the "APPLICATIONS OF IOT" course.

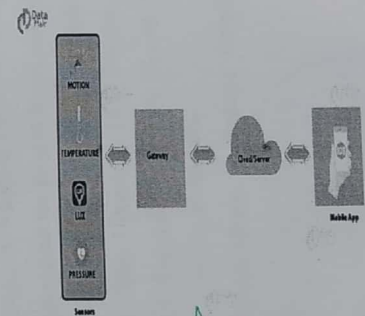
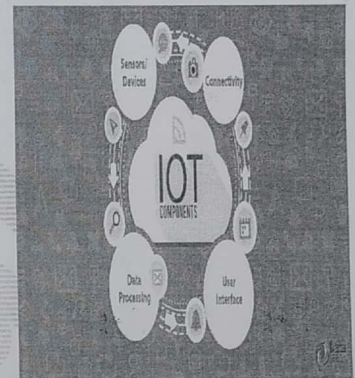
REGISTRATION

- ✓ No Registration fees.

INVITED SPEAKERS

Mr. Abhigyanam Giri

Director, Ind Eyes Pvt. Ltd. Bhopal



Abhigyanam Giri
Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Oriental College of Technology, Bhopal

Electronics & Communication Engineering

Value Added Course: Applications of IoT

Course Code: EC 40001

Module 1: What is IOT, architecture of network, architecture of device, what is embedded system, why we use embedded system in IOT, IOT applications.

Module 2: Basic electronic components of IOT, resistors, LED, transistors, capacitors, diode, zener diode, relay, switch.

Module 3: What is Arduino and ESP8266, History of ESP8266 and Arduino, Software and Hardware description, comparison between ESP8266 and Arduino, programming software.

Module 4: Glow LED, Different patterns of LED, Pull up and pull down condition of switch, LED by switch, LED by two switch, Hello printing on LCD, Different name pattern on LCD.

Module 5: Wireless Protocols (SPI, USART, I2C, Modbus, UART), Networking Protocols (OSI Reference Model, Ethernet, TCP/IP).

Module 6: RF Module, GSM Module, LAN Module, Bluetooth module, Wi-Fi Module.

Module 7: Project Name: Liquid Level Monitoring System

Use: This project IOT Liquid Level Monitoring system is a very innovative system which will inform the users about the level of liquid and will prevent it from overflowing.

Components Required: *Hardware Specifications* : Atmega Microcontroller, ESP8266 Wi-fi Module, HC-SR04 Ultrasonic, LCD Display, Buzzer, Crystal Oscillator, Resistors, Capacitors, Transistors, Cables and Connectors, Diodes, PCB and Breadboards, LED, Transformer/Adapter, Push Buttons, Switch, IC Sockets,

Software Specifications : Arduino Compiler, MC Programming Language: Embedded C, IOTGecko.



[Signature]
Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

[Signature]
Department
of Electronics Engineering
Oriental College of Technology, Bhopal

SCHEDULE

Five Days Value Added Course on Applications of IoT [18-Sep-2017 To 22-Sep-2017]

18 Sep 2017

Time	Session	Teacher
9:00-9:30 AM	Inauguration	
9:30 AM-12:30PM	Introduction to IoT	Mr. Abhigyanam
12:30-1:30PM	LUNCH	
01:30-3:30PM	Introduction to Embedded system	Mr. Abhigyanam
3:30-3:45PM	Break	
03:45-4:45PM	IOT applications	Mr. Abhigyanam

19 Sep 2017

Time	Session	Teacher
9:00-11:00AM	Basic electronic components of IOT	Mr. Kapil Gupta
11:00-11:30AM	Break	
11:30-01:00PM	What is Arduino and ESP8266	Mr. Abhigyanam
01:00-2:00PM	LUNCH	
2:00-4:30PM	comparison between ESP8266 and Arduino	Mr. Abhigyanam

20 Sep 2017

Time	Session	Teacher
9:00-11:00AM	Different name pattern on LCD	Mr. Kapil Gupta
11:00-11:30AM	Break	
11:30-01:00PM	Wireless Protocols (SPI, USART, I2C, Modbus, UART)	Mr. Kapil Gupta
01:00-2:00PM	LUNCH	
2:00-4:30PM	RF Module, GSM Module	Mr. Abhigyanam

21 Sep 2017

Time	Session	Teacher
9:00-11:00AM	Introduction to Liquid Level Monitoring System	Mr. Abhigyanam
11:00-11:30AM	Break	
11:30-01:00PM	Class Room Assessment	Mr. Kapil Gupta
01:00-2:00PM	LUNCH	
2:00-4:30PM	Components Required	Mr. Amish Jha

22 Sep 2017

Time	Session	Teacher
9:00-11:00AM	Designing of Liquid Level Monitoring System	Mr. Amish Jha
11:00-11:30AM	Break	
11:30-01:00PM	Objective Test	Mr. Kapil Gupta
01:00-1:40PM	LUNCH	
01:40-2:30PM	Testing of Project	Mr. Abhigyanam
2:30-3:30PM	Feedback from students	Mr. Abhigyanam
3:30-4:30 PM	Valedictory & Certificate distribution	Mr. Abhigyanam

Head of Department
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Oriental College of Technology, Bhopal

Director
Oriental College of Technology
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Value Added course on Applications of IoT
Objective Test, Date 18-22th Sep 2017

Branch :	EC		
Semester:	7 th		Max. Marks-50 Minimum Marks:25
Subject:	Applications of IoT	Subject Code: EC 40001	Time :1:30 Hrs
Note	1. The question from 1 to 10 is of 1 marks each. 2. The question from 11 to 30 is of 2 marks each.		

1. Is MQTT a Standard?
 - a. Yes
 - b. No
2. IANA stands for:
 - a. Internal Assessment Numerical Access
 - b. Internet Association Numbers Authority
 - c. International Aid for Network Automation
 - d. Internet Assigned Numbers Authority
3. Standard port number for secure MQTT is:
 - a. 1883
 - b. 8000
 - c. 8883
 - d. 8888
4. Is CoAP a IETF standard?
 - a. True
 - b. False
5. Bluetooth 5.0 promises:
 - a. 4x Speed, 2x Range, 2x Data
 - b. 6x Speed, 3x Range, 3x Data
 - c. 2x Speed, 4x Range, 8x Data
 - d. 3x Speed, 4x Range, 8x Data
6. Terms SSL and TLS stand for:
 - a. Secure Socket Layers and Transport Layer Session
 - b. Secure Socket Layers and Transport Layer Security
 - c. Secure Socket Layout and Transport Level Session
 - d. Session Socket Layers and Transport Layer Session
7. Which one out of these is not a data link layer technology:
 - a. Bluetooth
 - b. UART
 - c. WiFi
- d. HTTP
8. Which transport layer protocols is used by DHCP?
 - e. RSVP
 - f. TCP
 - g. DCCP
 - h. UDP
9. Which layer is called a port layer in OSI model:
 - i. Session
 - j. Application
 - k. Presentation
 - l. Transport
10. What is a firewall in computer networks:
 - m. A system designed to prevent unauthorized access
 - n. A web browser
 - o. The physical boundary of network
 - p. The Network Operating System
11. Router operate at layer of OSI reference model?
 - Layer 2 (Data Link)
 - Layer 3 (Network)
 - Layer 1 (Physical)
 - Layer 4 (Transport)
12. Each IP packet must contain:
 - a. Only Destination IP Address
 - b. Only Source IP Address
 - c. None of Above
 - d. Source and destination IP Addresses
13. Which one of this is not a networking device:
 - a. Router
 - b. Switch
 - c. Bridge



Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

d. Traffic Analyzer

14. What is the standard length of MAC address:

- a. 16 bits
- b. 32 bits
- c. 48 bits
- d. 64 bits

15. What is the use of Ping command:

- a. To know network speed
- b. None of the above
- c. To test a host on the network is reachable
- d. To test storage device

16. What is Secure Shell (SSH):

- a. A router
- b. A firewall
- c. A network protocol
- d. Python Shell

17. What does VNC stand for:

- a. Various Network computers
- b. Virtual Network Computing
- c. None of the above
- d. Virtual Network Communication

18. What is the purpose of bin directory in Linux environment:

- a. Contains essential device files
- b. Contains essential binary commands
- c. Containing configuration files
- d. Contains user home directories

19. What is Inter Integrated Communication (I2C):

- a. An application layer protocol
- b. A networking communication protocol for multi-master support
- c. An OS for distributed network communication
- d. A cellular communication protocol

20. How many wires does SPI protocol use:

- a. 2
- b. 3
- c. 1
- d. 4

21. What does LTE stand for

- a. Long Term Errors
- b. Long Term Evolution
- c. Lengthy Terminal Estimation
- d. Long Term Estimates

22. Which one out of these is not LPWAN technologies:

- a. SigFox
- b. WiFi
- c. NB-IoT
- d. LoRa

23. Frequency band used by 802.11 ah standard is:

- a. 60 GHz
- b. 2.4 GHz
- c. Sub 1 GHz
- d. 5 GHz

24. Fuzzy Logic is a form of:

- a. Hexa state logic
- b. Two-valued logic
- c. Binary set logic
- d. Many valued logic

25. _____ involves predicting a response with meaningful magnitude, such as quantity sold, stock price, or return on investment.

- a. Summarization
- b. Clustering
- c. All of the mentioned
- d. Regression

26. Which of the following language is preferred for IoT analytics ?

- a. Python
- b. S
- c. R
- d. All of the mentioned

27. Which one is simplest form of analytics

- a. Predictive
- b. Descriptive
- c. All of the mentioned
- d. Prescriptive

28. The method by which companies analyze customer data or other types of information in an effort to identify patterns and discover relationships between different data elements is often referred to as:

- a.
- b. Customer data management
- c. Data mining
- d. Data digging
- e. None of the above

29. A collection of lines that connects several devices is called



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- a. Bus
- b. Cable
- c. Power line
- d. Transmission Line

30. A start bit in UART communication is always:

- a. 1
- b. Neither of these
- c. 0

=====

Class Room Assessment

Q: Describe the liquid level monitoring system with the help of block diagram. Also design the circuit using PCB.

=====



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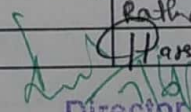
Value Added Course: *Applications of IOT*

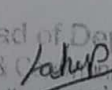
Course Code : *EC40001*

Students Attendance Sheet

S.NO.	ENROLL NO	NAME OF STUDENT	Sep-17				
			18-Sep	19-Sep	20-Sep	21-Sep	22-Sep
1	0126EC141001	AARADHANA RAJPUT	<i>Aaradhana</i>	<i>Aaradhana</i>	<i>Aaradhana</i>	<i>Aaradhana</i>	<i>Aaradhana</i>
2	0126EC141002	ABHA KUMARI	<i>Abha</i>	<i>Abha</i>	<i>Abha</i>	<i>Abha</i>	<i>Abha</i>
3	0126EC141003	ABHIJEET KUMAR	<i>Abhijeet</i>	<i>Abhijeet</i>	<i>Abhijeet</i>	<i>Abhijeet</i>	<i>Abhijeet</i>
4	0126EC141004	ACHYUTANAND MISHRA	<i>Amishra</i>	<i>Amishra</i>	<i>Amishra</i>	<i>Amishra</i>	<i>Amishra</i>
5	0126EC141005	ADITYA PRAKASH	<i>aditya</i>	<i>aditya</i>	<i>aditya</i>	<i>aditya</i>	<i>aditya</i>
6	0126EC141006	AJAY KUMAR	<i>Akumar</i>	<i>Akumar</i>	<i>Akumar</i>	<i>Akumar</i>	<i>Akumar</i>
7	0126EC141007	AKANSHA JAIN	<i>Akain</i>	<i>Akain</i>	<i>Akain</i>	<i>Akain</i>	<i>Akain</i>
8	0126EC141009	AKSHAT SHRIVASTAVA	<i>Akshat</i>	<i>Akshat</i>	<i>Akshat</i>	<i>Akshat</i>	<i>Akshat</i>
9	0126EC141010	AKSHAY BHESOTA	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>
10	0126EC141011	AMAN JAIN	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>
11	0126EC141012	AMAN RAJ	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>
12	0126EC141013	AMAN RAJ	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>	<i>Aman</i>
13	0126EC141015	ANAND KUMAR	<i>ANAND</i>	<i>ANAND</i>	<i>ANAND</i>	<i>ANAND</i>	<i>ANAND</i>
14	0126EC141017	ANIKET PUROHIT	<i>Aniket</i>	<i>Aniket</i>	<i>Aniket</i>	<i>Aniket</i>	<i>Aniket</i>
15	0126EC141018	ANIKET SHARMA	<i>Asharma</i>	<i>Asharma</i>	<i>Asharma</i>	<i>Asharma</i>	<i>Asharma</i>
16	0126EC141019	ANISHA KUMARI	<i>Anisha</i>	<i>Anisha</i>	<i>Anisha</i>	<i>Anisha</i>	<i>Anisha</i>
17	0126EC141020	ANJALI KUMARI	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>	<i>Anjali</i>
18	0126EC141021	ANKESH KUMAR	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>
19	0126EC141022	ANKITA SHUKLA	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>
20	0126EC141023	ANSHU KUMAR	<i>Anshu</i>	<i>Anshu</i>	<i>Anshu</i>	<i>Anshu</i>	<i>Anshu</i>
21	0126EC141024	ANUJ MOHAN SRIVASTAV	<i>Anuj</i>	<i>Anuj</i>	<i>Anuj</i>	<i>Anuj</i>	<i>Anuj</i>
22	0126EC141026	ANUSHEEL PANDEY	<i>Ansheel</i>	<i>Ansheel</i>	<i>Ansheel</i>	<i>Ansheel</i>	<i>Ansheel</i>
23	0126EC141027	APOORVA VAIDH	<i>Apoorva</i>	<i>Apoorva</i>	<i>Apoorva</i>	<i>Apoorva</i>	<i>Apoorva</i>
24	0126EC141028	APURVA SHRIVASTAVA	<i>Apurva</i>	<i>Apurva</i>	<i>Apurva</i>	<i>Apurva</i>	<i>Apurva</i>
25	0126EC141030	ARPAN GAHOI	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>
26	0126EC141031	ASHUTOSH KUMAR	<i>A-kumar</i>	<i>A-kumar</i>	<i>A-kumar</i>	<i>A-kumar</i>	<i>A-kumar</i>
27	0126EC141032	ASTHA GUPTA	<i>Ashita</i>	<i>Ashita</i>	<i>Ashita</i>	<i>Ashita</i>	<i>Ashita</i>
28	0126EC141033	AVINASH KUMAR GUPTA	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>
29	0126EC141034	AYUSH TIWARI	<i>Ayush</i>	<i>Ayush</i>	<i>Ayush</i>	<i>Ayush</i>	<i>Ayush</i>
30	0126EC141035	AYUSHI DUBEY	<i>A-dubey</i>	<i>A-dubey</i>	<i>A-dubey</i>	<i>A-dubey</i>	<i>A-dubey</i>
31	0126EC141036	BALRAM VERMA	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>Balram</i>
32	0126EC141037	CHANDAN KUMAR	<i>Chandan</i>	<i>Chandan</i>	<i>Chandan</i>	<i>Chandan</i>	<i>Chandan</i>
33	0126EC141039	DEEKSHA AGRAWAL	<i>Deeksha</i>	<i>Deeksha</i>	<i>Deeksha</i>	<i>Deeksha</i>	<i>Deeksha</i>
34	0126EC141040	DHAIRYA VINAY CHHATRE	<i>Dhairya</i>	<i>Dhairya</i>	<i>Dhairya</i>	<i>Dhairya</i>	<i>Dhairya</i>
35	0126EC141041	DHARMENDRA	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>
36	0126EC141042	DIKSHA GAUTAM	<i>Diksha</i>	<i>Diksha</i>	<i>Diksha</i>	<i>Diksha</i>	<i>Diksha</i>
37	0126EC141043	DINESH RATHOUR	<i>Rathore</i>	<i>Rathore</i>	<i>Rathore</i>	<i>Rathore</i>	<i>Rathore</i>
38	0126EC141045	HARSH DIXIT	<i>Harsh</i>	<i>Harsh</i>	<i>Harsh</i>	<i>Harsh</i>	<i>Harsh</i>




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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: *Applications of IoT*

Course Code : *EC40001*

Students Attendance Sheet

S.NO.	ENROLL NO	NAME OF STUDENT	Sep-17				
			18-Sep	19-Sep	20-Sep	21-Sep	22-Sep
39	0126EC141046	HARSH JAIN	Harsh	Harsh	Harsh	Harsh	Harsh
40	0126EC141048	HARSHIKA TIWARI	Harshika	Harshika	Harshika	Harshika	Harshika
41	0126EC141049	HIMANSHU GUPTA	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
42	0126EC141050	HIMANSHU JAISWAL	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
43	0126EC141054	JYOTI RATHORE	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
44	0126EC141055	KAJAL KUMARI	Kajal	Kajal	Kajal	Kajal	Kajal
45	0126EC141056	KAJAL SINGH	Kajal	Kajal	Kajal	Kajal	Kajal
46	0126EC141057	KANIKA SHARMA	K.Sharma	K.Sharma	K.Sharma	K.Sharma	K.Sharma
47	0126EC141058	KM SWAPNIL JAIN	K.S.Jain	K.S.Jain	K.S.Jain	K.S.Jain	K.S.Jain
48	0126EC141059	MANI MEGHLAY ANAND	Mani	Mani	Mani	Mani	Mani
49	0126EC141060	MONICA	Monica	Monica	Monica	Monica	Monica
50	0126EC141061	MONICA RAO	Monica	Monica	Monica	Monica	Monica
51	0126EC141062	NEELIMA TIWARI	Neelima	Neelima	Neelima	Neelima	Neelima
52	0126EC141063	NIKITA GUPTA	N Gupta	N Gupta	N Gupta	N Gupta	N Gupta
53	0126EC141064	NISHI GUPTA	N Gupta	N Gupta	N Gupta	N Gupta	N Gupta
54	0126EC141065	NITIN KATYAYAN	Nitin	Nitin	Nitin	Nitin	Nitin
55	0126EC141066	NITYA	NITYA	NITYA	NITYA	NITYA	NITYA
56	0126EC141067	NIVEDITA KUMARI	Nivedita	Nivedita	Nivedita	Nivedita	Nivedita
57	0126EC141068	NUPUR GURJAR	Nupur	Nupur	Nupur	Nupur	Nupur
58	0126EC141069	PALLAVI	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
59	0126EC141070	PANKAJ SENGAR	ABS	ABS	ABS	ABS	Pankaj
60	0126EC141071	PIYUSH KESARWANI	Piyush	Piyush	Piyush	Piyush	Piyush
61	0126EC141072	POOJA THAKUR	Pooja	Pooja	Pooja	Pooja	Pooja
62	0126EC141073	PRAGYA AGRAWAL	Pragya	Pragya	Pragya	Pragya	Pragya
63	0126EC141075	PRASANTH	ABS	ABS	ABS	ABS	ABS
64	0126EC141076	PRAVEEN KUMAR	PK	PK	PK	PK	PK
65	0126EC141077	PRERNA PRAJAPATI	Prerna	Prerna	Prerna	Prerna	Prerna
66	0126EC141079	RACHIT DARE	ABS	ABS	ABS	ABS	ABS
67	0126EC141080	RAHUL ROHIRA	ABS	ABS	ABS	ABS	Rahul
68	0126EC141081	RAIMA RAJ	RAJ	RAJ	RAJ	RAJ	RAJ
69	0126EC141082	REEMA KUMARI	Reema	Reema	Reema	Reema	Reema
70	0126EC141083	RITESH KUMAR	Ritu	Ritu	Ritu	Ritu	Ritu
71	0126EC141084	ROHIT KUMAR	Rohit	Rohit	Rohit	Rohit	Rohit
72	0126EC141085	ROSHAN KUMAR	R.K	R.K	R.K	R.K	R.K
73	0126EC141086	ROSHIYA R JOHN	R	R	R	R	R
74	0126EC141087	RUPALI SHARMA	ABS	ABS	ABS	ABS	ABS
75	0126EC141089	SACHIN RAGHUWANSHI	ABS	ABS	ABS	ABS	ABS
76	0126EC141090	SAJAL SINGHAI	Sajal	Sajal	Sajal	Sajal	Sajal



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: *Applications of IoT*

Course Code : *EC40001*

Students Attendance Sheet

S.NO.	ENROLL NO	NAME OF STUDENT	Sep-17				
			18-Sep	19-Sep	20-Sep	21-Sep	22-Sep
77	0126EC141091	SAKSHI JAIN	<i>Ajans</i>	<i>Ajan</i>	<i>Ajan</i>	<i>Ajan</i>	<i>Ajan</i>
78	0126EC141092	SAKSHI SAXENA	<i>ss</i>	<i>ss</i>	<i>ss</i>	<i>ss</i>	<i>ss</i>
79	0126EC141093	SANDEEP ARTANI	<i>sandeep</i>	<i>sandeep</i>	<i>sandeep</i>	<i>sandeep</i>	<i>sandeep</i>
80	0126EC141094	SHANKEY SAHU	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>
81	0126EC141096	SHASHI KANT	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>
82	0126EC141097	SHILPY KUMARI	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>
83	0126EC141098	SHRADDHA AGARWAL	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>	<i>Shanky</i>
84	0126EC141099	SHRUTI SHRIVASTAVA	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>
85	0126EC141100	SHUBHAM DHAKAD	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>
86	0126EC141101	SHUBHAM JAIN	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>
87	0126EC141102	SHUBHAM SAHU	<i>ss</i>	<i>ss</i>	<i>ss</i>	<i>ss</i>	<i>ss</i>
88	0126EC141103	SHUBHAM TRIPATHI	<i>ss</i>	<i>ss</i>	<i>ss</i>	<i>ss</i>	<i>ss</i>
89	0126EC141104	SONALI TYAGI	<i>Sonali</i>	<i>Sonali</i>	<i>Sonali</i>	<i>Sonali</i>	<i>Sonali</i>
90	0126EC141105	SOURABH SANTORE	<i>Santore</i>	<i>Santore</i>	<i>Santore</i>	<i>Santore</i>	<i>Santore</i>
91	0126EC141106	SUNIL KUMAR	<i>skumar</i>	<i>skumar</i>	<i>skumar</i>	<i>skumar</i>	<i>skumar</i>
92	0126EC141107	SURAJ SAHU	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>
93	0126EC141108	SURBHI SINGH	<i>Surbhi</i>	<i>Surbhi</i>	<i>Surbhi</i>	<i>Surbhi</i>	<i>Surbhi</i>
94	0126EC141109	SWECHHA DWIVEDI	<i>Swechha</i>	<i>Swechha</i>	<i>Swechha</i>	<i>Swechha</i>	<i>Swechha</i>
95	0126EC141110	TANISHA GOINDANI	<i>TANISHA</i>	<i>TANISHA</i>	<i>TANISHA</i>	<i>TANISHA</i>	<i>TANISHA</i>
96	0126EC141111	TANYA ARORA	<i>Tanya</i>	<i>Tanya</i>	<i>Tanya</i>	<i>Tanya</i>	<i>Tanya</i>
97	0126EC141112	TEJ RAM PATEL	<i>Tej</i>	<i>Tej</i>	<i>Tej</i>	<i>Tej</i>	<i>Tej</i>
98	0126EC141113	TRISHA ACHARYA	<i>Trisha</i>	<i>Trisha</i>	<i>Trisha</i>	<i>Trisha</i>	<i>Trisha</i>
99	0126EC141114	TUSHAR RAICHANDANI	<i>Tushar</i>	<i>Tushar</i>	<i>Tushar</i>	<i>Tushar</i>	<i>Tushar</i>
100	0126EC141115	UTKARSH DIXIT	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>	<i>ABS</i>
101	0126EC141116	UTKARSH DUBEY	<i>Utkash</i>	<i>Utkash</i>	<i>Utkash</i>	<i>Utkash</i>	<i>Utkash</i>
102	0126EC141117	VARTIKA AGRAWAL	<i>Vartika</i>	<i>Vartika</i>	<i>Vartika</i>	<i>Vartika</i>	<i>Vartika</i>
103	0126EC141118	VIJETA MOOLCHANDANI	<i>Vijeta</i>	<i>Vijeta</i>	<i>Vijeta</i>	<i>Vijeta</i>	<i>Vijeta</i>
104	0126EC141119	VIVEK KUMAR	<i>Vivek</i>	<i>Vivek</i>	<i>Vivek</i>	<i>Vivek</i>	<i>Vivek</i>
105	0126EC141120	YASH JAIN	<i>Y.I</i>	<i>Y.I</i>	<i>Y.I</i>	<i>Y.I</i>	<i>Y.I</i>
106	0126EC153D01	MOHANI SONI	<i>mohani</i>	<i>mohani</i>	<i>mohani</i>	<i>mohani</i>	<i>mohani</i>
107	0126EC153D02	SIDDHARTH	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: Applications of IoT

Course Code : EC 40001

Students Attendance Sheet , 18-22 Sep 2017

S.NO.	ENROLL NO	NAME OF STUDENT	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible for Certificate or not
1	0126EC141001	AARADHANA RAJPUT	26	32	58	Eligible
2	0126EC141002	ABHA KUMARI	28	30	58	Eligible
3	0126EC141003	ABHIJEET KUMAR	44	44	88	Eligible
4	0126EC141004	ACHYUTANAND MISHRA	28	30	58	Eligible
5	0126EC141005	ADITYA PRAKASH	35	38	73	Eligible
6	0126EC141006	AJAY KUMAR	32	30	62	Eligible
7	0126EC141007	AKANSHA JAIN	32	30	62	Eligible
8	0126EC141009	AKSHAT SHRIVASTAVA	28	26	54	Eligible
9	0126EC141010	AKSHAY BHESOTA	26	28	54	Eligible
10	0126EC141011	AMAN JAIN	25	30	55	Eligible
11	0126EC141012	AMAN RAJ	35	40	75	Eligible
12	0126EC141013	AMAN RAJ	38	34	72	Eligible
13	0126EC141015	ANAND KUMAR	26	32	58	Eligible
14	0126EC141017	ANIKET PUROHIT	28	30	58	Eligible
15	0126EC141018	ANIKET SHARMA	35	38	73	Eligible
16	0126EC141019	ANISHA KUMARI	32	30	62	Eligible
17	0126EC141020	ANJALI KUMARI	28	26	54	Eligible
18	0126EC141021	ANKESH KUMAR	A	A	0	Not Eligible
19	0126EC141022	ANKITA SHUKLA	A	A	0	Not Eligible
20	0126EC141023	ANSHU KUMAR	26	32	58	Eligible
21	0126EC141024	ANUJ MOHAN SRIVASTAV	44	44	88	Eligible
22	0126EC141026	ANUSHEEL PANDEY	35	38	73	Eligible
23	0126EC141027	APOORVA VAIDH	44	44	88	Eligible
24	0126EC141028	APURVA SHRIVASTAVA	28	30	58	Eligible
25	0126EC141030	ARPAN GAHOI	A	A	0	Not Eligible
26	0126EC141031	ASHUTOSH KUMAR	28	30	58	Eligible
27	0126EC141032	ASTHA GUPTA	35	38	73	Eligible
28	0126EC141033	AVINASH KUMAR GUPTA	26	32	58	Eligible
29	0126EC141034	AYUSH TIWARI	28	30	58	Eligible
30	0126EC141035	AYUSHI DUBEY	35	38	73	Eligible
31	0126EC141036	BALRAM VERMA	A	A	0	Not Eligible
32	0126EC141037	CHANDAN KUMAR	28	26	54	Eligible
33	0126EC141039	DEEKSHA AGRAWAL	44	44	88	Eligible
34	0126EC141040	DHAIRYA VINAY CHHATRE	25	30	55	Eligible
35	0126EC141041	DHARMENDRA	A	A	0	Not Eligible
36	0126EC141042	DIKSHA GAUTAM	38	34	72	Eligible
37	0126EC141043	DINESH RATHOUR	26	32	58	Eligible
38	0126EC141045	HARSH DIXIT	28	30	58	Eligible
39	0126EC141046	HARSH JAIN	35	38	73	Eligible
40	0126EC141048	HARSHIKA TIWARI	32	30	62	Eligible
41	0126EC141049	HIMANSHU GUPTA	28	26	54	Eligible
42	0126EC141050	HIMANSHU JAISWAL	26	30	56	Eligible
43	0126EC141054	JYOTI RATHORE	25	30	55	Eligible



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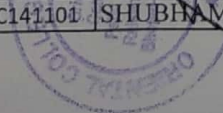
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: Applications of IoT

Course Code : EC 40001

Students Attendance Sheet , 18-22 Sep 2017

S.NO.	ENROLL NO	NAME OF STUDENT	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible for Certificate or not
44	0126EC141055	KAJAL KUMARI	35	40	75	Eligible
45	0126EC141056	KAJAL SINGH	38	34	72	Eligible
46	0126EC141057	KANIKA SHARMA	26	32	58	Eligible
47	0126EC141058	KM SWAPNIL JAIN	44	44	88	Eligible
48	0126EC141059	MANI MEGHLAY ANAND	35	38	73	Eligible
49	0126EC141060	MONICA	32	30	62	Eligible
50	0126EC141061	MONICA RAO	28	26	54	Eligible
51	0126EC141062	NEELIMA TIWARI	26	28	54	Eligible
52	0126EC141063	NIKITA GUPTA	25	30	55	Eligible
53	0126EC141064	NISHI GUPTA	44	44	88	Eligible
54	0126EC141065	NITIN KATYAYAN	38	34	72	Eligible
55	0126EC141066	NITYA	26	32	58	Eligible
56	0126EC141067	NIVEDITA KUMARI	44	44	88	Eligible
57	0126EC141068	NUPUR GURJAR	35	38	73	Eligible
58	0126EC141069	PALLAVI	32	30	62	Eligible
59	0126EC141070	PANKAJ SENGAR	A	A	0	Not Eligible
60	0126EC141071	PIYUSH KESARWANI	44	44	88	Eligible
61	0126EC141072	POOJA THAKUR	25	30	55	Eligible
62	0126EC141073	PRAGYA AGRAWAL	35	40	75	Eligible
63	0126EC141075	PRASANTH	A	A	0	Not Eligible
64	0126EC141076	PRAVEEN KUMAR	26	32	58	Eligible
65	0126EC141077	PRERNA PRAJAPATI	28	30	58	Eligible
66	0126EC141079	RACHIT DARE	A	A	0	Not Eligible
67	0126EC141080	RAHUL ROHIRA	A	A	0	Not Eligible
68	0126EC141081	RAIMA RAJ	28	26	54	Eligible
69	0126EC141082	REEMA KUMARI	26	30	56	Eligible
70	0126EC141083	RITESH KUMAR	25	30	55	Eligible
71	0126EC141084	ROHIT KUMAR	35	40	75	Eligible
72	0126EC141085	ROSHAN KUMAR	38	34	72	Eligible
73	0126EC141086	ROSHIYA R JOHN	24	30	54	Eligible
74	0126EC141087	RUPALI SHARMA	A	A	0	Not Eligible
75	0126EC141089	SACHIN RAGHUWANSHI	A	A	0	Not Eligible
76	0126EC141090	SAJAL SINGHAI	26	32	58	Eligible
77	0126EC141091	SAKSHI JAIN	28	30	58	Eligible
78	0126EC141092	SAKSHI SAXENA	44	44	88	Eligible
79	0126EC141093	SANDEEP ARTANI	32	30	62	Eligible
80	0126EC141094	SHANKEY SAHU	28	26	54	Eligible
81	0126EC141096	SHASHI KANT	26	28	54	Eligible
82	0126EC141097	SHILPY KUMARI	25	30	55	Eligible
83	0126EC141098	SHRADDHA AGARWAL	44	44	88	Eligible
84	0126EC141099	SHRUTI SHRIVASTAVA	38	34	72	Eligible
85	0126EC141100	SHUBHAM DHAKAD	26	32	58	Eligible
86	0126EC141101	SHUBHAM JAIN	28	30	58	Eligible



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Value Added Course: Applications of IoT

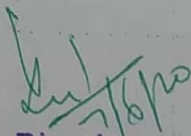
Course Code : EC 40001

Students Attendance Sheet , 18-22 Sep 2017

S.NO.	ENROLL NO	NAME OF STUDENT	Class Room Assessment Score (Marks/50)	Objective Test Score (Marks/50)	Total Score	Eligible for Certificate or not
87	0126EC141102	SHUBHAM SAHU	35	38	73	Eligible
88	0126EC141103	SHUBHAM TRIPATHI	32	30	62	Eligible
89	0126EC141104	SONALI TYAGI	28	26	54	Eligible
90	0126EC141105	SOURABH SANTORE	26	30	56	Eligible
91	0126EC141106	SUNIL KUMAR	25	30	55	Eligible
92	0126EC141107	SURAJ SAHU	A	A	0	Not Eligible
93	0126EC141108	SURBHI SINGH	38	34	72	Eligible
94	0126EC141109	SWECHHA DWIVEDI	24	30	54	Eligible
95	0126EC141110	TANISHA GOINDANI	44	44	88	Eligible
96	0126EC141111	TANYA ARORA	26	32	58	Eligible
97	0126EC141112	TEJ RAM PATEL	28	30	58	Eligible
98	0126EC141113	TRISHA ACHARYA	35	38	73	Eligible
99	0126EC141114	TUSHAR RAICHANDANI	32	30	62	Eligible
100	0126EC141115	UTKARSH DIXIT	A	A	0	Not Eligible
101	0126EC141116	UTKARSH DUBEY	26	30	56	Eligible
102	0126EC141117	VARTIKA AGRAWAL	25	30	55	Eligible
103	0126EC141118	VIJETA MOOLCHANDANI	35	40	75	Eligible
104	0126EC141119	VIVEK KUMAR	26	32	58	Eligible
105	0126EC141120	YASH JAIN	28	30	58	Eligible
106	0126EC153D01	MOHANI SONI	15	22	37	Not Eligible
107	0126EC153D02	SIDDHARTH	32	30	62	Eligible

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Course Evaluation/ Feedback Form


Value Added Course	Applications of IoT
Duration	18-22 Sep 2017
Venue	Oriental College of Technology, Bhopal
Presenter(s):	Mr. Kapil Gupta

Please respond to the following statements by using the 5-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

5=Undecided 4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The instructor is well prepared for class session.	5 4 3 2 1
2. The instructor answered all question carefully and completely.	5 4 3 2 1
3. The instructor uses example to make material understand.	5 4 3 2 1
4. The instructor stimulated interest in the course.	5 4 3 2 1
5. The instructor made the course material interesting.	5 4 3 2 1
6. The materials provided were sufficient & appropriate for the program.	5 4 3 2 1




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Course Certificate

This is to certify that Mr./Ms. Ashutosh Kumar of EC-VII Sem, OCT, Bhopal, has Successfully Completed the “*Value Added Course*” on “**Applications of IoT**” during 18-22 Sep 2017, organized by Department of Electronics & Communication Engineering, Oriental College of Technology, Bhopal.



Abhigyan
Coordinator, IndEyes

Rajesh Kumar
Coordinator, OCT

Kamsh
HOD, EC, OCT
Sus
Director, OCT
Oriental College of Technology
Thakral Nagar, Raisen Road
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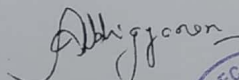
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Department of Electronics & Communication Engineering

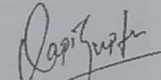



Course Certificate

This is to certify that Mr./Ms. Akansha Jain of EC-VII Sem, OCT, Bhopal, has Successfully Completed the “*Value Added Course*” on “**Applications of IoT**” during 18-22 Sep 2017, organized by Department of Electronics & Communication Engineering, Oriental College of Technology, Bhopal.


Coordinator, IndEyes



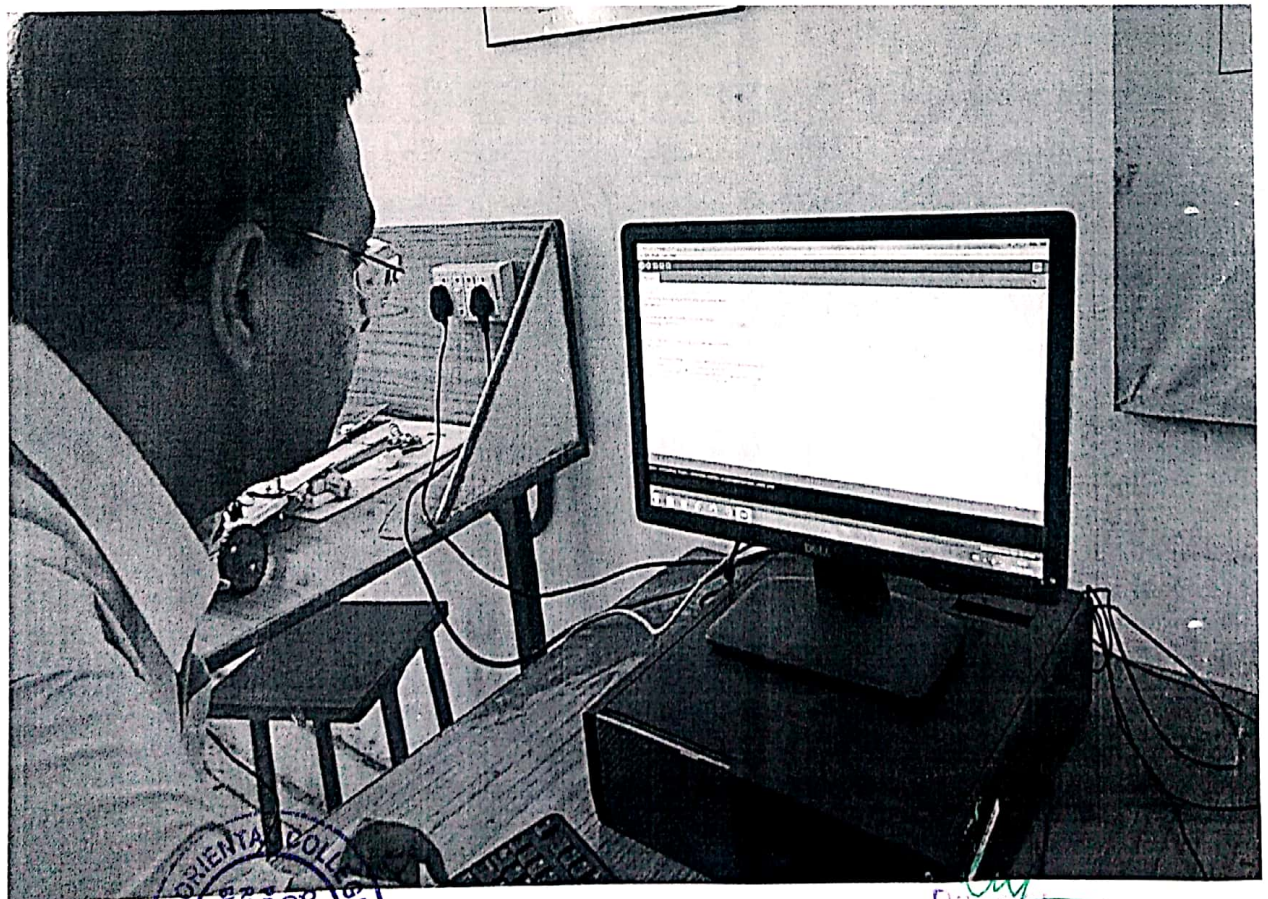
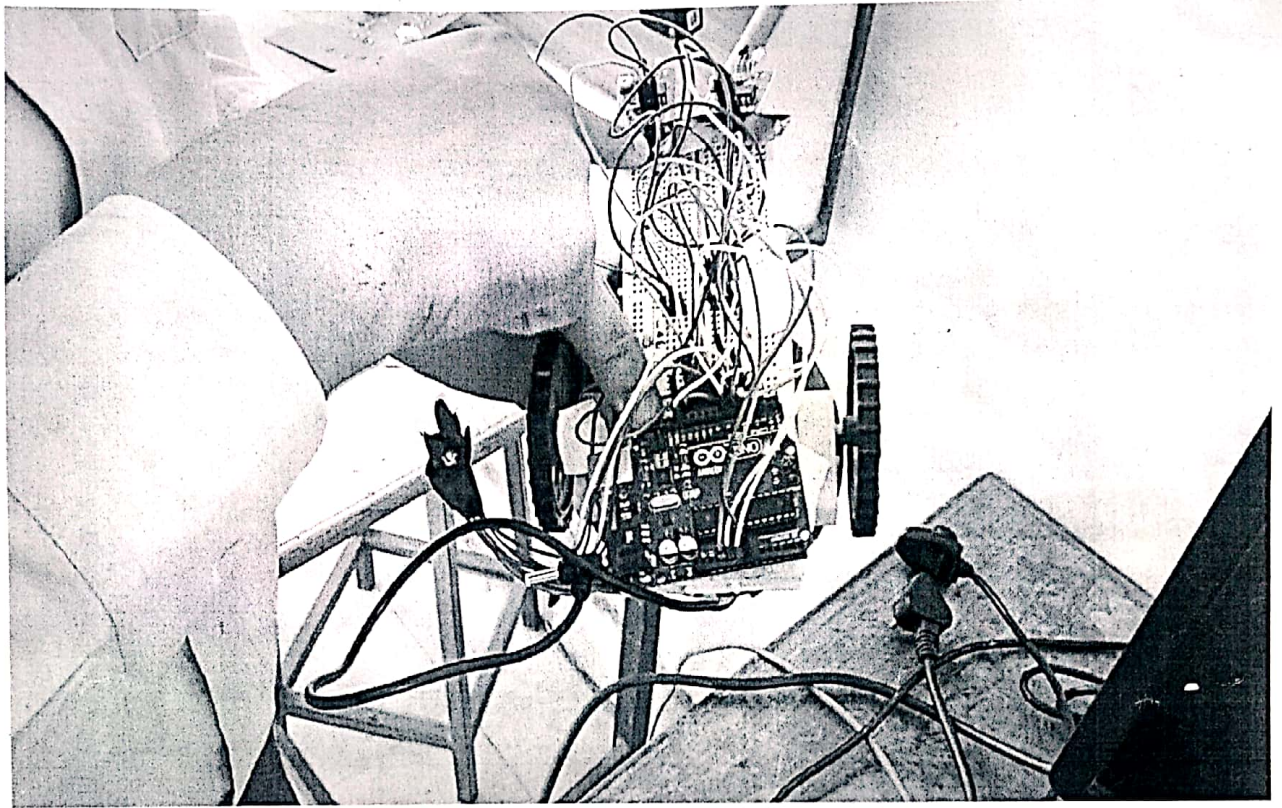

Coordinator, OCT


HOD, EC, OCT


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Value Added Course On Applications of IoT

18-22 Sep 2017



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Department of Electronics & Communication Engineering



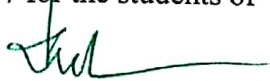
Report on Value Added Course on Applications of IoT

Date and Time: September 18, to September 22, 2017. **Venue:** EC, OCT Campus, **Organized by:** EC,OCT, Bhopal. **Name of the Speakers:** Mr. Abhigyanam Giri, Director IndEyes Infotech Pvt. Ltd., Mr. Amish Ku. Jha, Assistant Professor, EC, OCT & Mr. Kapil Gupta, Assistant Professor, EC, OCT, **Participants Details:** 4th year students of Electronics & Communication Engineering.

Summary of the Event

To bridge the gap between the academic and industry need, Value Added Courses are conducted regularly in our College. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. The Value added course Plays an important role in Strengthening the technical skills of undergraduates. In the race of making good and bright career in short span of time, most of the time students neglect the aim and the need of education. In view of this changing pattern and condition of youth education in India, and to guide students on different topics which are not covered under the defined academic syllabus, the Electronics & Communication Engineering Department of Oriental College of Technology in association with IndEyes InfoTech Pvt. Ltd, had organized “Value Added Course on Applications of IoT” from September 18, to September 22, 2017 for the students of 4th year.




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This Course syllabus was covered by Mr. Abhigyanam Giri, Director IndEyes Infotech Pvt. Ltd., Mr. Amish Ku. Jha, Assistant Professor, EC, OCT & Mr. Kapil Gupta, Assistant Professor, EC, OCT in 30 Hrs. of 5-Day program.

On September 18, the course started with the inaugural speech of Dr. Ranjeeta Khare, Director, Oriental College of Technology. In her speech, she emphasized to bridge the gap between the academic and industry need.

The Course coordinator, Mr. Abhigyanam Giri, guided all students on the topic "Applications of IoT". In his speech, he had explained the need for every student to have skills to get a job.

On September 19, Mr. Abhigyanam Giri, introduced basics principle of IoT.

On September 20, Mr. Kapil Gupta, explained, different name pattern of LCD.

On September 21, Mr. Abhigyanam Giri, explained liquid level monitoring system.

On September 22, Mr. Amish Jha, explained designing of liquid level monitoring system.

At last, Dr. Rahul Dubey, Head EC, Convenor of Course gave away the vote of thanks. He thanked Mr. Abhigyanam Giri for providing his valuable time for successful conduction of this course for our students. He also thanked Mr. Amish Ku. Jha & Mr. Kapil Gupta for addressing the student audience on the said topic. At the end he thanked all the faculties, office staff and student volunteers for their support in organizing this program successfully.

Dr. Rahul Dubey

Course Convenor

Head, EC, OCT

Director
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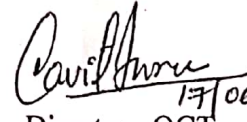
ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if :
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14

Director, OCT


Director

Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

Copy to:

1. Academic Committee
2. All HoD's, OCT




Director
Oriental College of Technology
Thakral Nagar, Raisen Road
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Registration Form

Name:.....

Enrollment No.....

Branch:.....

Semester:.....

Address:.....

.....

.....

.....

City & Pin:.....

E-mail id:.....

Contact No:.....

Place:

Signature

Date:



Signature with Seal
Head of the Department

CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and
Chancellor, Oriental University, Indore

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes
Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

CONVENOR

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oethodex@oriental.ac.in
Mobile: +917024119755

COURSE COORDINATOR

Mr. Raveendra Soni
Mobile: +917987012064

ORGANISING COMMITTEE MEMBERS

Mr. Lalit Jain
Mr. Kaushal Sen

CONTACT

Mrs. Preeti Gupta
oethodex@oriental.ac.in
Mobile: +917024119755

Mr. Lalit Jain
Mobile: +917972366098

**Oriental College of Technology,
Bhopal**



Value Added Course

On
"PLC & SCADA"
[6th to 10th Feb. 2018]

In Association with



Organised By

Department of Electrical & Electronics
Engineering

Oriental College of Technology,
Thakral Nagar, Raisen Road, Bhopal - 462021
Phone : 2529026, 2529057, Fax: 0755-2529472

Director
Oriental College of Technology
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ABOUT THE ORIENTAL GROUP

Oriental Group of Institutes (Indore - Bhopal-Jabalpur) India established in the year 1995 is a self financed premier education group imparting education in the disciplines of Engineering, Pharmacy, Management and Advanced Computer Studies. The Oriental College of Technology, offers six under graduate Bachelor of Engineering courses and three post graduate, Master of Technology courses. The college is having an excellent library, internet lab, modern labs for each department, central workshop, sports & games facilities etc.

Bhopal, the capital of Madhya Pradesh, is also known as city of lakes. It is well connected to all parts of the country by rail and air. The institute is about 09 km from Bhopal railway station, and 07 km from Habibganj railway station and 18 km from Raja Bhoj Airport.



ABOUT THE DEPARTMENT

The Department of Electrical & Electronics is a major strength of the institute. The Department has an excellent group of faculty with experience in teaching, Industry and Research. The state-of-art facilities and competent faculties provide an excellent climate for the all round development of the students. It has well qualified, committed and motivated faculty members having specialization in various streams.

The EX Department offers M.Tech Course in Power Electronics along with Undergraduate Program (B.E/ B.Tech) with an intake of 18 and 120 respectively.

ABOUT THE COURSE

Programmable Logic Controller or PLC is a computing system used to control electromechanical processes. **SCADA** stands for Supervisory Control and Data Acquisition. It is a type of industrial control system that is used to monitor and control facilities and infrastructure in industries.

OBJECTIVES

The main objective of **PLC & Scada Workshop** is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. The idea of organizing this workshop is to inculcate the basic fundamentals of automation in the students and

provide them with a platform to work on, In The Near Future.

ELIGIBILITY

The Students Electrical & Electronics Engineering branch are eligible to attend the course.

REGISTRATION

No Registration fees.

SPEAKERS

Mr. Abhijeet Singh

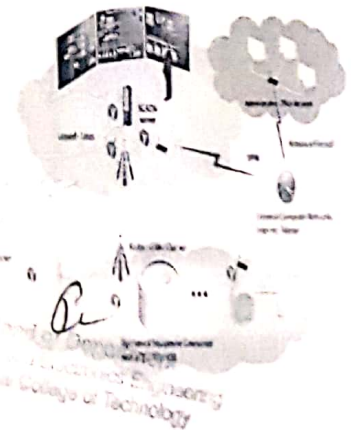
Assistant Prof. EX Deptt. OCT Bhopal

Mr. Rishabh Shukla

Assistant Prof. EX Deptt. OCT Bhopal

Mr. Praveen Choudhary

Assistant Prof. EX Deptt. OCT Bhopal



Workshop on PLC & Scada
Oriental College of Technology

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Electrical & Electronics Engineering

Value Added Course: PLC & SCADA

Course Code: EX 40001

Module I:

Presentation on Recent Trends in Industrial Automation & PLC-SCADA

Introduction To Automation, Why We Need Automation, Where Automation?, Evolution In Industrial Automation (A Brief History), Different Type Of Industrial Control Mechanisms), Introduction To PLCs, PLC Advantages Over Microcontrollers, Area Of Applications, DATA Flow During Automation, Motor Drives Introduction & Their Need, Sensors Introduction & Their Need, HMI Introduction & Its Need, SCADA Introduction & Its Need

Module II:

PLCs & PLC Programming- Allen Bradley Micrologix 1000 PLC (Digital PLC), Delta (Analog PLC)

Module III:

SCADA Programming- Basic & Advanced- Wonderware InTouch

Module IV:

Sensors- Proximity Sensor, Inductive Sensor, IR Sensor, Limit Switch/ Level Switch

Module V:

Projects-4 Projects will be covered during the training.



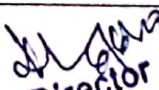

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
SCHEDULE

5 Days Value Added Course on PLC & SCADA [6th to 10th Feb. 2018]

6 th Feb 2018		
Time	Session	Teacher
9:30-10:00 AM	Inaugural Programme	
10:00 AM-12:30PM	Presentation on Recent Trends in Industrial Automation & PLC-SCADA	Mr. Abhijeet Singh
12:30-1:10PM	LUNCH	
01:10-3:10PM	Detail study of PLC & SCADA	Mr. Abhijeet Singh
3:10 -3:30PM	Break	
03:30-5:30PM	PLC I/Os Basics, Burning & Interfacing Concepts	Mr. Abhijeet Singh
7 th Feb 2018		
Time	Session	Teacher
9:00-11:00AM	PLCs & PLC Programming	Mr. Rishabh Shukla
11:00-11:30AM	Break	
11:30-01:00PM	Practice Session on Allen Bradley Micrologix 1000 PLC (Digital PLC)	Mr. Rishabh Shukla
01:00-1:40PM	LUNCH	
01:40-4:30PM	Practice Session on Delta (Analog PLC)	Mr. Rishabh Shukla
8 th Feb 2018		
Time	Session	Teacher
9:00-11:00AM	SCADA Programming- Basic & Advanced	Mr. Abhijeet Singh
11:00-11:30AM	Break	
11:30-01:00PM	Wonderware InTouch	Mr. Abhijeet Singh
01:00-1:40PM	LUNCH	
01:40-4:30PM	Checking Errors	Mr. Abhijeet Singh
9 th Feb 2018		
Time	Session	Teacher
9:00-11:00AM	Assignment	Mr. Praveen Choudhary
11:00-11:30AM	Break	
11:30-01:00PM	Class Room Assessment	Mr. Praveen Choudhary
01:00-1:40PM	LUNCH	
01:40-4:30PM	Detail study of Sensors	Mr. Praveen Choudhary
10 th Feb 2018		
Time	Session	Teacher
9:00-11:00AM	Assignment	Mr. Abhijeet Singh
11:00-11:30AM	Break	
11:30-01:00PM	Objective Test	Mr. Abhijeet Singh
01:00-1:40PM	LUNCH	
01:40-2:30PM	Projects	Mr. Abhijeet Singh
2:30-3:30PM	Feedback from students	Mr. Abhijeet Singh
3:30-4:30 PM	Valedictory & Certificate distribution	Mr. Abhijeet Singh




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 Head of Department
 Electronics & Instrumentation Engineering
 Oriental College of Technology

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Value Added Course On PLC & SCADA
Objective Test, Date:10 Feb 2018

Branch:	Electrical & Electronics Engineering		
Semester	8 Sem		Max. marks-50 Minimum marks-25
Subject	PLC&SCADA	Subject Code: EX 40001	Time: 1:30 Hrs
Note	All questions are compulsory. Each Question is of 2.5 Marks.		

1. Examine-on instruction in PLC language is symbolically represented by what shape?

- A. -] [-
- B. -()-
- C. -]/[-
- D. None of these

2. The symbol -(L)- represent what instruction in the PLC language?


- A. OUT output unlatch instruction.
- B. OTL output latch instruction.
- C. Examine off instruction.
- D. Output energize instruction.

3. The address T4:6.ACC is used to address what?

- A. Accumulator for timer 4 in file 6.
- B. Preset value of timer 6 in file 4.
- C. Accumulator for timer 6 in file 4.
- D. Accumulator for counter 6 in file 4.

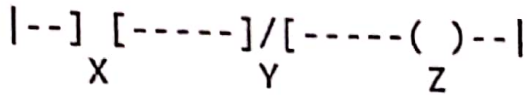
4. To reset the time for a PLC what condition must be true?




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- A. Reset rung of TON must be true.
- B. Reset rung of TON must be false.
- C. RST instruction with timer address must be true.
- D. RST instruction with associated timer address must be false.

5. The below rung would represent what Boolean equation?



- A. $X \cdot Y = Z$
- B. $X + Y = Z$
- C. $X \cdot Y' = Z$
- D. None of the above.

6. To increase the number of inputs and outputs of the PLC, one can use expansion modules.

- A. True.
- B. False.
- C. None of the above.

7. Solenoids, lamps, motors are connected to:

- A. Analog output.
- B. Digital output.
- C. Analog input.
- D. Digital input.

8. In a counter instruction if the accumulator value becomes greater than or equal to the preset value then which of the following is true?

- A. CU bit goes on.
- B. DN bit goes on.
- C. Both CU and DN bits go on.
- D. None of the above.

9. Which of the following instruction enables a jump to a subroutine?

- A. JMP
- B. SBR
- C. RET
- D. None of the above.

10. Which of the following is not a comparison instruction?



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- A. GEQ
- B. EQU
- C. LIM
- D. MOV

11. Instructions available in PLCs can be grouped in two categories: _____ and _____ instructions.

- a) basic ladder _ enhanced ladder
- b) basic ladder and simple ladder
- c) enhanced ladder _ relational ladder

12. _____ is a method of entering ladder logic representation.

- a) Segment programming
- b) TINT
- c) Boolean mnemonics.

13. When _____ contacts are actuated, they disrupt the power supply through them.

- a. normally open type
- b. normally closed type
- c. both a. and b.
- d. none of the above

14. The type of memory which is fast and temporarily stores the data which are immediately required for use is called as _____.

- a. HDD
- b. ROM
- c. RAM
- d. SSD

15. How is the speed of operation of conventional relay system as compared to digital controllers?

- a. very slow
- b. very fast
- c. same
- d. almost similar

16. The capability of convention relay systems for complex operations is _____ that of the PLCs .

- a. poor than
- b. excellent than
- c. as good as
- d. unpredictable as



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17. How is the noise immunity of PLCs to electrical noises as compared to that of conventional relay controllers?

- a. poor
- b. excellent
- c. as good as noise immunity of conventional relay controllers
- d. unpredictable

18. _____ of PLCs can be done in very little time.

- a. Programming
- b. Installation
- c. Commissioning
- d. All of the above

19. PLC can be _____ in plant to change the sequence of operation.

- a. only programmed
- b. only reprogrammed
- c. programmed and reprogrammed
- d. able to give a set point

20. The PLC is used in _____.

- a. machine tools
- b. automated assembly equipment
- c. moulding and extrusion machines
- d. all of the above



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Department of Electrical & Electronics Engineering

Value Added Course on PLC & SCADA

6 to 10 Feb. 2018

Sr. No.	Enrollment No.	Name of Student	6/2/2018	7/2/2018	8/2/2018	9/2/2018	10/2/2018
1	0126EX111034	Mahesh Kumar Koli	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
2	0126EX131059	Neha Parsai	Neha	Neha	Neha	Neha	Neha
3	0126EX131093	Shashikant Singh	Sashi	Sashi	Sashi	Sashi	Sashi
4	0126EX141001	Abhishek Jain	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
5	0126EX141002	Abhishek Raikwar	A	A	A	A	A
6	0126EX141004	Abhishek Ranjan	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
7	0126EX141005	Aditya Raj Vats	A	A	A	A	A
8	0126EX141006	Aditya Sony	Aditya	Aditya	Aditya	Aditya	Aditya
9	0126EX141007	Ajit Kumar	Ajit	Ajit	Ajit	Ajit	Ajit
10	0126EX141008	Akash Singh Thakur	Akash	Akash	Akash	Akash	Akash
11	0126EX141009	Akshat Mishra	A	A	A	A	A
12	0126EX141010	Akshay Marmat	Akshay	Akshay	Akshay	Akshay	Akshay
13	0126EX141011	Aman Verma	Aman	Aman	Aman	Aman	Aman
14	0126EX141015	Ankit Kumar Chaudhary	Ankit	Ankit	Ankit	Ankit	Ankit
15	0126EX141016	Anshuman Singh	Anshuman	Anshuman	Anshuman	Anshuman	Anshuman
16	0126EX141017	Anuj Richhariya	Anuj	Anuj	Anuj	Anuj	Anuj
17	0126EX141018	Arif Akhtar	Arif	Arif	Arif	Arif	Arif
18	0126EX141019	Arvind Kumar Tripathi	A	A	A	A	A
19	0126EX141020	Ashutosh Singh Sikarwar	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh
20	0126EX141021	Bhavit Kishore	Bhavit	Bhavit	Bhavit	Bhavit	Bhavit
21	0126EX141022	Bhawna Kumari	Bhawna	Bhawna	Bhawna	Bhawna	Bhawna
22	0126EX141023	Bikramjit Paul	Bikramjit	Bikramjit	Bikramjit	Bikramjit	Bikramjit
23	0126EX141024	Bipin Modi	Bipin	Bipin	Bipin	Bipin	Bipin
24	0126EX141025	Chandresh Pandey	Chandresh	Chandresh	Chandresh	Chandresh	Chandresh
25	0126EX141026	Chansu Kumar	Chansu	Chansu	Chansu	Chansu	Chansu
26	0126EX141027	Debadash Rabodan	Debadash	Debadash	Debadash	Debadash	Debadash
27	0126EX141028	Debadash Rabodan	Rabodan	Rabodan	Rabodan	Rabodan	Rabodan
28	0126EX141029	Debadash Kumar	A	A	A	A	A

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29	0126EX141030	Divya Bharti	Divya	Divya	Divya	Divya	Divya
30	0126EX141031	Gaantam Kumar	A	A	A	A	A
31	0126EX141034	Harshit Malviya	A	A	A	A	A
32	0126EX141035	Himanshu Yadav	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
33	0126EX141036	Ishwardas Kurmi	Ish	Ish	Ish	Ish	Ish
34	0126EX141037	Jay Yadav	Jay	Jay	Jay	Jay	Jay
35	0126EX141038	Juhi Kumari	J	J	J	J	J
36	0126EX141039	Jyoti Kumari	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
37	0126EX141040	Karan Sahu	Karan	Karan	Karan	Karan	Karan
38	0126EX141041	Kistu Kumar	A	A	A	A	A
39	0126EX141042	Komal Singh Baghel	Komal	Komal	Komal	Komal	Komal
40	0126EX141044	Kumar Shubham	K	K	K	K	K
41	0126EX141045	Kunal Kumar	Kunal	Kunal	Kunal	Kunal	Kunal
42	0126EX141046	Manoj Kumar Dubey	M	M	M	M	M
43	0126EX141047	Md Hasan Jahangir	Hasan	Hasan	Hasan	Hasan	Hasan
44	0126EX141048	Md Mujtaba Siddiqui	M	M	M	M	M
45	0126EX141049	Md. Akbar Ansari	M	M	M	M	M
46	0126EX141050	Meenakshi Sharma	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi
47	0126EX141051	Megha Mangalnath Thakur	Megha	Megha	Megha	Megha	Megha
48	0126EX141052	Milan Kumari	Milan	Milan	Milan	Milan	Milan
49	0126EX141053	Mitali Sisodiya	Mitali	Mitali	Mitali	Mitali	Mitali
50	0126EX141054	Mohit Bajpai	Mohit	Mohit	Mohit	Mohit	Mohit
51	0126EX141055	Mritunzay Singh	Mritunzay	Mritunzay	Mritunzay	Mritunzay	Mritunzay
52	0126EX141056	N.Vignesh Reddy	N	N	N	N	N
53	0126EX141057	Nayan Dubey	Nayan	Nayan	Nayan	Nayan	Nayan
54	0126EX141059	Neha Dubey	Neha	Neha	Neha	Neha	Neha
55	0126EX141061	Nishi Singh	Nishi	Nishi	Nishi	Nishi	Nishi
56	0126EX141063	Ojashwi Singh	Ojashwi	Ojashwi	Ojashwi	Ojashwi	Ojashwi
57	0126EX141064	Palash Sharma	Palash	Palash	Palash	Palash	Palash
58	0126EX141065	Pankaj Pal	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj
59	0126EX141067	Prashant Srivastava	Prashant	Prashant	Prashant	Prashant	Prashant
60	0126EX141068	Prateek Kumar Agrawal	P	P	P	P	P
61	0126EX141069	Prince Srivastava	Prince	Prince	Prince	Prince	Prince

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62	0126EX141072	Priyanshu	Priyanshu	Priyanshu	Priyanshu	Priyanshu	Priyanshu
63	0126EX141073	Rachna Mishra	Rachna	Rachna	Rachna	Rachna	Rachna
64	0126EX141074	Rahul Kumar	Rahul	Rahul	Rahul	Rahul	Rahul
65	0126EX141076	Rahul Kunghadkar	Rahul	Rahul	Rahul	Rahul	Rahul
66	0126EX141077	Rajeev Ranjan Kumar	Rajeev	Rajeev	Rajeev	Rajeev	Rajeev
67	0126EX141081	Ravi Khare	R. Khare	R. Khare	R. Khare	R. Khare	R. Khare
68	0126EX141082	Ravi Kumar Aadityan	Ravi	Ravi	Ravi	Ravi	Ravi
69	0126EX141083	Ray Sahab Maurya	Ray	Ray	Ray	Ray	Ray
70	0126EX141084	Rhijuta Namdeo	R. Namdeo	R. Namdeo	R. Namdeo	R. Namdeo	R. Namdeo
71	0126EX141085	Rishabh Nayak	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh
72	0126EX141087	Ruchi Kumari	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi
73	0126EX141088	Sahil Jain	Sahil	Sahil	Sahil	Sahil	Sahil
74	0126EX141089	Sandeep Kumar	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
75	0126EX141090	Sanjeet Kumar Tiwari	Sanjeet	Sanjeet	Sanjeet	Sanjeet	Sanjeet
76	0126EX141091	Sankit Jain	Sankit	Sankit	Sankit	Sankit	Sankit
77	0126EX141092	Sanu Kumar	Sanu	Sanu	Sanu	Sanu	Sanu
78	0126EX141093	Satyam Anand Saxena	Satyam	Satyam	Satyam	Satyam	Satyam
79	0126EX141094	Satyam Dubey	S	A	A	A	A
80	0126EX141095	Satyam Shukla	Satyam	Satyam	Satyam	Satyam	Satyam
81	0126EX141096	Saurabh Gupta	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh
82	0126EX141098	Shashank Nayak	Shashank	Shashank	Shashank	Shashank	Shashank
83	0126EX141100	Shashikant Kumar Singh	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant
84	0126EX141101	Shiv Kumar Patel	Shiv	Shiv	Shiv	Shiv	Shiv
85	0126EX141102	Shubham Kumar Singh	Shubham	Shubham	Shubham	Shubham	Shubham
86	0126EX141103	Shubham Kurmi	Shubham	Shubham	Shubham	Shubham	Shubham
87	0126EX141104	Shubham Pushkar	Shubham	Shubham	Shubham	Shubham	Shubham
88	0126EX141105	Shubhi Bajpai	Shubhi	Shubhi	Shubhi	Shubhi	Shubhi
89	0126EX141106	Sourabh Jain	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh
90	0126EX141107	Subhash Chandra Sharma	Subhash	Subhash	Subhash	Subhash	Subhash
91	0126EX141109	Suman Abhinav Sharma	Suman	Suman	Suman	Suman	Suman
92	0126EX141110	Surya Saurabh Mishra	Surya	Surya	Surya	Surya	Surya
93	0126EX141111	Sushmita Kumari	Sushmita	Sushmita	Sushmita	Sushmita	Sushmita
94	0126EX141112	Suyash Mishra	Suyash	Suyash	Suyash	Suyash	Suyash
95	0126EX141113	Taha Zafar Ali	Taha	Taha	Taha	Taha	Taha

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96	0126EX141114	Tripti Raj	<i>Tripti</i>	<i>Tripti</i>	<i>Tripti</i>	<i>Tripti</i>	<i>Tripti</i>
97	0126EX141115	Vaibhav Singh	<i>Vaibhav</i>	<i>Vaibhav</i>	<i>Vaibhav</i>	<i>Vaibhav</i>	<i>Vaibhav</i>
98	0126EX141116	Vaibhav Singh Umath	<i>Vaibhav</i>	<i>Vaibhav</i>	<i>Vaibhav</i>	<i>Vaibhav</i>	<i>Vaibhav</i>
99	0126EX141117	Vinay Kumar Singh	<i>Vinay</i>	<i>Vinay</i>	<i>Vinay</i>	<i>Vinay</i>	<i>Vinay</i>
100	0126EX141119	Vinay Tiwari	<i>Vinay</i>	<i>Vinay</i>	<i>Vinay</i>	<i>Vinay</i>	<i>Vinay</i>
101	0126EX141120	Vishakha	<i>Vishakha</i>	<i>Vishakha</i>	<i>Vishakha</i>	<i>Vishakha</i>	<i>Vishakha</i>
102	0126EX141122	Vivek Kumar Dwivedi	A	A	A	A	A
103	0126IT141060	Prabhat Prashun	<i>Prabhat</i>	<i>Prabhat</i>	<i>Prabhat</i>	<i>Prabhat</i>	<i>Prabhat</i>

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Electrical & Electronics Engineering Department

Value Added Course: PLC & SCADA, 6-10 Feb 2018

Course Code: EX 40001

ASSESSMENT SHEET

Sno	Enrollment No.	Name of students	Class room assessment score(marks/50)	Objective test score(marks/50)	Total score	Eligible to receive certificate or not
1	0126EX111034	Mahesh Kumar Koli	30	35	65	Eligible
2	0126EX131059	Neha Parsai	38	40	78	Eligible
3	0126EX131093	Shashikant Singh	29	40	69	Eligible
4	0126EX141001	Abhishek Jain	30	42	72	Eligible
5	0126EX141002	Abhishek Raikwar	45.5	30	75.5	Eligible
6	0126EX141004	Abnish Ranjan	32	42	74	Eligible
7	0126EX141005	Aditya Raj Vatsh	A	A	0	Not Eligible
8	0126EX141006	Aditya Sony	30	30	60	Eligible
9	0126EX141007	Ajit Kumar	35	45	80	Eligible
10	0126EX141008	Akash Singh Thakur	45.5	30	75.5	Eligible
11	0126EX141009	Akshat Mishra	A	A	0	Not Eligible
12	0126EX141010	Akshay Marmat	29	40	69	Eligible
13	0126EX141013	Aman Verma	30	42	72	Eligible
14	0126EX141015	Amit Kumar Chaudhary	28	35	63	Eligible
15	0126EX141016	Anshuman Singh	40	47.5	87.5	Eligible
16	0126EX141017	Anuj Richhariya	36	27	63	Eligible
17	0126EX141018	Arif Akhtar	48	35	83	Eligible
18	0126EX141019	Arvind Kumar Tripathi	A	A	0	Not Eligible



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19	0126EX141020	Ashutosh Singh Sikarwar	30	35	65	Eligible
20	0126EX141021	Bharat Kishore	38	40	78	Eligible
21	0126EX141022	Bhawna Kumari	29	40	69	Eligible
22	0126EX141023	Bikramjit Paul	30	42	72	Eligible
23	0126EX141024	Blpin Modi	45.5	30	75.5	Eligible
24	0126EX141025	Chandresh Pandey	32	42	74	Eligible
25	0126EX141026	Chunnu Kumar	42	40	82	Eligible
26	0126EX141027	Debashish Rabidas	30	35	65	Eligible
27	0126EX141028	Dhanterash Rabidas	38	40	78	Eligible
28	0126EX141029	Dharmbir Kumar Prasad	A	A	0	Not Eligible
29	0126EX141030	Divya Bharti	28	35	63	Eligible
30	0126EX141031	Gautam Kumar	A	A	0	Not Eligible
31	0126EX141034	Harshit Malviya	A	A	0	Not Eligible
32	0126EX141035	Himanshu Yadav	27	45	72	Eligible
33	0126EX141036	Ishwardas Kurmi	40	40	80	Eligible
34	0126EX141037	Jay Yadav	28	30	58	Eligible
35	0126EX141038	Juhi Kumari	27	45	72	Eligible
36	0126EX141039	Jyoti Kumari	40	40	80	Eligible
37	0126EX141040	Karan Sahu	28	30	58	Eligible
38	0126EX141041	Kistu Kumar	A	A	0	Not Eligible
39	0126EX141042	Komal Singh Baghel	37	40	77	Eligible
40	0126EX141044	Kumar Shubham	45	47.5	92.5	Eligible
41	0126EX141045	Kunal Kumar	35	45	80	Eligible
42	0126EX141046	Manoj Kumar Dubey			85	Eligible

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Electronics Engineering
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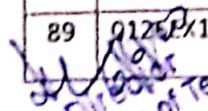
43	0126EX141047	Md Hasan Jahangir	40	40	80	Eligible
44	0126EX141048	Md Mujtaba Siddiqui	37	40	77	Eligible
45	0126EX141049	Md. Akbar Ansari	45	47.5	92.5	Eligible
46	0126EX141050	Meenakshi Sharma	35	45	80	Eligible
47	0126EX141051	Megha Mangalnath Thakur	45	40	85	Eligible
48	0126EX141052	Milan Kumari	40	40	80	Eligible
49	0126EX141053	Mitali Sisodiya	A	A	0	Eligible
50	0126EX141054	Mohit Bajpai	30	45	75	Eligible
51	0126EX141055	Mritunzay Singh	30	30	60	Eligible
52	0126EX141056	N.Vignesh Reddy	35	45	80	Eligible
53	0126EX141057	Nayan Dubey	45.5	30	75.5	Eligible
54	0126EX141059	Neha Dubey	30	45	75	Eligible
55	0126EX141061	Nishi Singh	A	A	0	Eligible
56	0126EX141063	Ojashwi Singh	32	42	74	Eligible
57	0126EX141064	Palash Sharma	22	22	44	Not Eligible
58	0126EX141065	Pankaj Pal	38	40	78	Eligible
59	0126EX141067	Prashant Srivastava	29	40	69	Eligible
60	0126EX141068	Prateek Kumar Agrawal	30	42	72	Eligible
61	0126EX141071	Prince Srivastav	22	22	44	Not Eligible
62	0126EX141072	Priyanshu	40	47.5	87.5	Eligible
63	0126EX141073	Rachna Mishra	36	27	63	Eligible
64	0126EX141074	Rahul Kumar	48	35	83	Eligible
65	0126EX141076	Rahul Kunghadkar	22	22	44	Not Eligible
66	0126EX141077	Rajeev Ranjan Kumar	35	25	60	Eligible




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67	0126EX141081	Ravi Khare	30	45	75	Eligible
68	0126EX141082	Ravi Kumar Aadityan	30	30	60	Eligible
69	0126EX141083	Ray Sahab Maurya	35	45	80	Eligible

70	0126EX141084	Rhijuta Namdeo	32	42	74	Eligible
71	0126EX141085	Rishabh Nayak	42	40	82	Eligible
72	0126EX141087	Ruchi Kumari	38	40	78	Eligible
73	0126EX141088	Sahil Jain	32	42	74	Eligible
74	0126EX141089	Sandeep Kumar	32	42	74	Eligible
75	0126EX141090	Sanjeet Kumar Tiwari	42	40	82	Eligible
76	0126EX141091	Sankit Jain	35	45	80	Eligible
77	0126EX141092	Sanu Kumar	45	47.5	92.5	Eligible
78	0126EX141093	Satyam Anand Saxena	42	40	82	Eligible
79	0126EX141094	Satyam Dubey	A	A	0	Not Eligible
80	0126EX141095	Satyam Shukla	37	40	77	Eligible
81	0126EX141096	Saurabh Gupta	45	47.5	92.5	Eligible
82	0126EX141098	Shashank Nayak	35	45	80	Eligible
83	0126EX141100	Shashikant Kumar Singh	45	40	85	Eligible
84	0126EX141101	Shiv Kumar Patel	30	45	75	Eligible
85	0126EX141102	Shubham Kumar Singh	30	30	60	Eligible
86	0126EX141103	Shubham Kurmi	35	45	80	Eligible
87	0126EX141104	Shubham Pushkar	45.5	30	75.5	Eligible
88	0126EX141105	Shubhi Bajpai	30	45	75	Eligible
89	0126EX141106	Sourabh Jain	32	42	74	Eligible

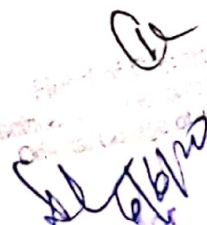

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 For the Government
 Examinee's Declaration
 Date: 10/10/2016

90	0126EX141107	Subhash Chandra Sharma	45.5	30	75.5	Eligible
91	0126EX141109	Suman Abhinav Sharma	32	42	74	Eligible
92	0126EX141110	Suraj Saurabh Mishra	42	40	82	Eligible
93	0126EX141111	Sushmita Kumari	45.5	30	75.5	Eligible
94	0126EX141112	Suyash Mishra	A	A	0	Not Eligible
95	0126EX141113	Taha Zafar Ali	30	45	75	Eligible
96	0126EX141114	Tripti Raj	30	30	60	Eligible
97	0126EX141115	Vaibhav Singh	35	45	80	Eligible
98	0126EX141116	Vaibhav Singh Umath	30	45	75	Eligible
99	0126EX141117	Vinay Kumar Singh	30	30	60	Eligible
100	0126EX141119	Vinay Tiwari	35	45	80	Eligible
101	0126EX141120	Vishakha	30	45	75	Eligible
102	0126EX141122	Vivek Kumar Dwivedi	A	A	0	Not Eligible
103	0126IT141060	Prabhat Prashun	30	30	60	Eligible




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 Thakral Nagar, Raisen Road
 Bhopal

Course Evaluation/ Feedback Form

Value Added Course	PLC & SCADA
Date:	6-10 Feb 2018
Program Location:	Oriental College of Technology, Bhopal
Presenter(s):	Mr. Abhijeet Singh

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4= Strongly Agree 3= Agree 2= Disagree 1= Strongly Disagree

1. The Course objectives were stated clearly and met.	4 3 2 1
2. The Course was well organized.	4 3 2 1
3. The presenter(s) possesses the deep knowledge of the course that taught.	4 3 2 1
4. The presenter(s) provided adequate time for questions and answered them effectively.	4 3 2 1
5. The presenter(s) inspires you by his/her knowledge in the course.	4 3 2 1
6. The materials provided were sufficient & appropriate for the program.	4 3 2 1
7. The course contents compared with your expectations.	4 3 2 1




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[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Session: 2017-2018

Department of Electrical & Electronics Engineering



CERTIFICATE

This is to certify that Mr. /Ms. Abhishek Jain of EX-VIII Sem , OCT, Bhopal, has Completed the "Value Added Course" on "PLC SCADA" during 06-10 Feb. 2018, organized by Department of Electrical & Electronics Engineering, Oriental College of Technology, Bhopal.

Co-ordinator, EX, OCT

Director
Oriental College of Technology
Thakral Nagar, Raisen Road
Bhopal

HOD, EX, OCT

Director, OCT

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department of Electrical & Electronics Engineering



Report on Value Added Course on PLC & SCADA

Date and Time: February 06, to February 10, 2018. **Venue:** EX,OCT Campus. **Organized**

By: EX,OCT, , Bhopal. **Name of the Speakers:** Mr. Abhijeet Singh, Assistant., Prof. EX Deptt. OCT Bhopal, Mr. Praveen Choudhary, Assistant Prof. EX Deptt. OCT Bhopal, Mr. Rishabh Shukla, Assistant Prof. EX Deptt. OCT Bhopal

Participants Details: Final year students of Electrical & Electronics Engineering.

Summary of the Event

During the course students collect Information regarding different types of PLC is acquired in Industrial Automation training so that the variations of the circuits can be learnt. And then the connection about PC and PLC and vice versa is learnt during PLC Training. Finally the different types of programmable logic controller, the concepts of ladder logic, and RLD (Relay Logic Diagram) is learnt during SCADA Training.


“Value Added Course on PLC & SCADA” February 06, to February 10, 2018 for the students of Final year .

On January 06, the course started with the inaugural and presidential speech of Dr. Ranjeeta Khare , Director, Oriental College of Technology. In his presidential speech she emphasized on the need to collaborate the academic and the non academic education.

On February 06, the Course coordinator, Mr. Raveendra Soni guided all students on the topic “PLC & SCADA”. In his speech, he had explained the need for every student to have skills to get a job.

On February 06, Mr. Abhijeet Singh, detail study of PLC & SCADA.




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On February 07, Mr. Rishabh Shukla, Practice Session on Allen Bradley Micrologix 1000 PLC (Digital PLC).

On February 08, Mr. Abhijeet Singh, explained SCADA Programming- Basic & Advanced .

On February 09, Mr. Praveen Choudhary, given Room Assessment

On February 10, Mr. Abhijeet Singh, conduct test and assignment.


At last, Prof. Preeti Gupta, Head EX, Convenor of Course gave away the vote of thank. He thanked Mr. Abhijeet Singh, Mr. Praveen Choudhary and Mr. Rishabh Shukla Jain for providing his valuable time for successful conduction of this course for our students. He also thanked all the faculties, office staff and student volunteers for their unconditional support in organizing this Course.

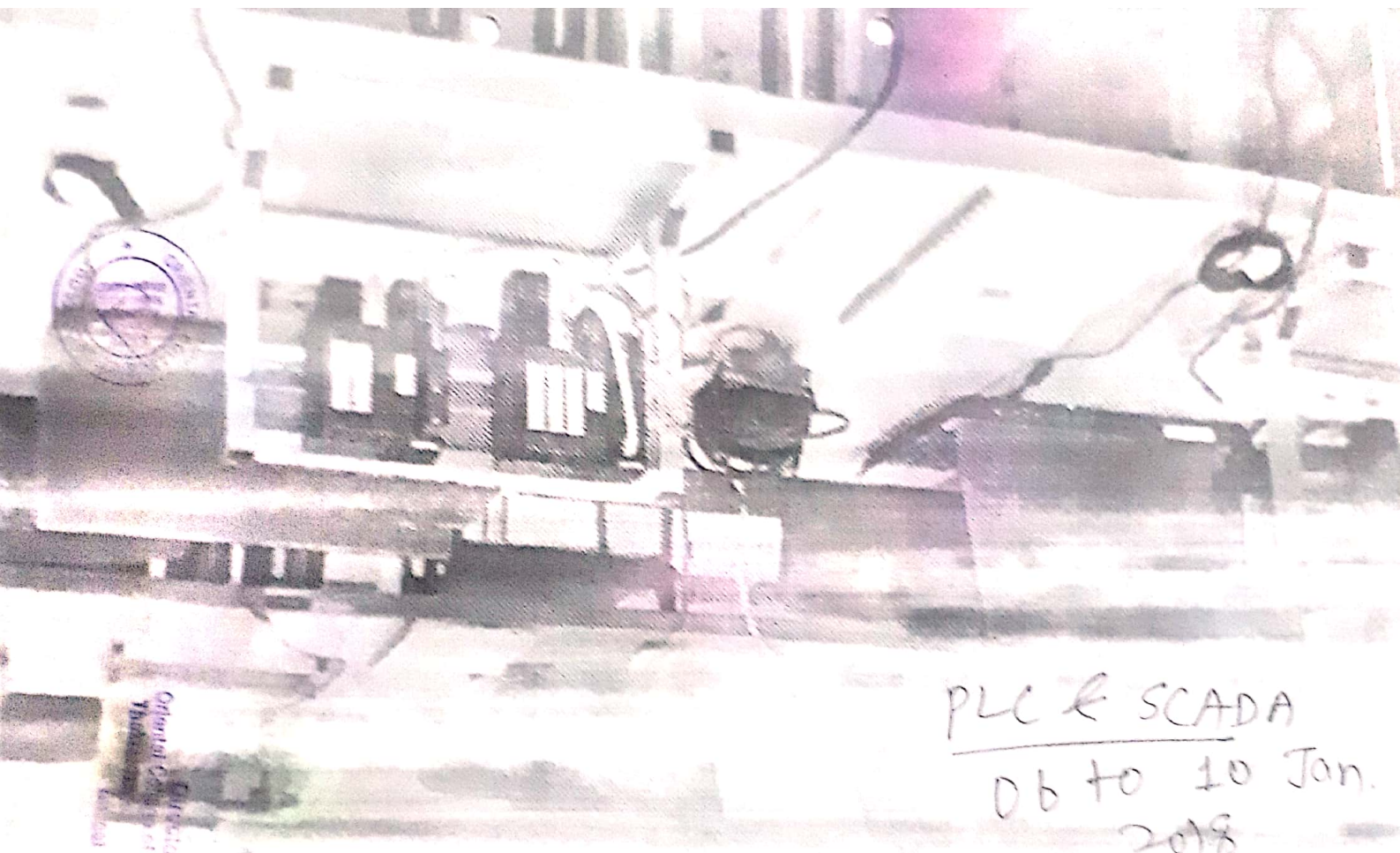
Prof. Preeti Gupta

Course Convenor

EX, OCT




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Original Copy
1/10/2018

PLC & SCADA
06 to 10 Jan.
2018



Phone No.-0755-2529015, 2529026
Fax: 0755-2529472
E-mail: directoroct@oriental.ac.in
Website: http://www.oriental.ac.in/oct-bhopal/


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Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

Date: 17 June 2014

Policy for Value Added Course

1. The minimum duration of each Value Added Course will be of 30 hrs.
2. Only students who are registered for the semester will be allowed to attend the course.
3. The assessment procedure will be based on the Class Room Assessment, Objective test & attendance.
4. The course is free to enroll and learn from. But if student want a certificate, then they have to register and write the proctored exam conducted by us in person at Oriental College of Technology, Bhopal
5. Criteria to get a Certificate: Final score = Class Room Assessment Score + Objective Test Score, with minimum of 60% attendance during the course.
6. Student will be eligible for a certificate only if:
 - a. Class Room Assessment $\geq 25/50$
 - b. Objective Test Score $\geq 25/50$.
 - c. If one of the two clause (a, b) is not met, student will not get the certificate even if the Final score $\geq 50/100$.
7. Students will be issued with a certificate consisting of student name, semester, course name, Course duration.


17/06/14
Director, OCT

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Copy to:

1. Academic Committee
2. All HoD's, OCT




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Registration Form

**Oriental College of Technology,
Bhopal**



Value Added Course

On

"PRIME AVERA"

19/09/2017 to 23/09/2017

IVth -Year Students

Organized By

Department of Civil Engineering

**Oriental College of Technology,
Thakral Nagar, Raisen Road, Bhopal -**

462021

Phone:: 2529026, 2529057, Fax: 0755-

2529472

CHIEF PATRONS

Dr. K. L. Thakral
Founder Chairman, Oriental Group of Institutes and Chancellor,
Oriental University, Indore

PATRONS

Shri. Praveen Thakral
Chairman, Oriental Group of Institutes

Mrs. Niraj Ghei
Chair Person, Oriental College of Technology, Bhopal

ADVISORY COMMITTEE

Dr. Ranjeeta Khare
Director, OCT, Bhopal

CONVENOR

Mr. Manish Kumar Sharma
oathodce@oriental.ac.in
Mobile: +919425672395

COURSE COORDINATOR

Mr. Alok Goyal

Name:.....

Enrollment No.....

Branch:.....

Semester.....

Address.....

City & Pin.....

E-mail id.....

Contact No:.....

Place:.....

Date:.....

Signature

Signature with S
Head of the Depart



[Signature]
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PRIME AVERA (CE-40001)


Value added course

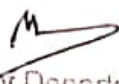
Time Durations – 30Hrs

Course coordinator – Mr. Alok Goyal

Sl.No	Chapters	Contents
Day 1	Introduction	<ul style="list-style-type: none">• Introduction about Projects• Introduction to Project Management• Introduction to Primavera• History of Planning• Skills required for Planning• Project Phases & Life Cycle
Day 1	Structuring the Project	<ul style="list-style-type: none">• Setting up Enterprise Project Structure (EPS)• Setting up Organisational Breakdown Structure (OBS)• User Administration• User control & Limited Access Provisions• Setting User Preferences• Creating a Project• Setting up Work Breakdown Structure (WBS)• Defining Project Status• Setting up Project Dates• Setting up Project Codes• Project Parameters
Day 1	Codes, Notebooks & Calendars	<ul style="list-style-type: none">• Project Codes• Resource Codes• Activity Codes• Notebooks• Global Calendar• Resource Calendar• Project Calendar
Day 2	Project Time Management	<ul style="list-style-type: none">• Defining & Creating Project Activities• Activity Types• Duration Types• Percentage Completion Types• Activity Resource units loading• Applying activities relationships (Logical connection)• Relationship Types• Scheduling• Applying Constraint• Creating Activity Steps• Feeding Activity information to Execution Team• Activity Summary
Day 2	Project Resource management	<ul style="list-style-type: none">• Types of Resources• Units of Measures• Creating Resource• Default & Maximum units per time• Resource Price revisions• Resource Shift Creation• Assigning resource to activities• Creating Roles• Assigning roles to resources• Assigning roles to activities• Resource Loading




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Civil Engineering
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- Resource Curves
- Bucket Loading

Day 3 Project Cost Management

- Project Funding Sources
- Activity Costing
- Expenses
- Estimating Budgeted and Actual cost for Activities
- Establishing budgets for Work Packages
- Estimating Project Budgets
- Preparing Project Cash Flow
- Cost Comparison Analysis
- Cost Monitoring & Revisions
- Project Budget revisions

Day 3 Project Risk Management

- Identifying Project Risk
- Categorizing Risk
- Risk Status
- Analysing Pre-Risk Impact
- Setting Risk control plan
- Post Risk Impact Analysis
- Finding Risk Cost
- Cause and Effect Analysis

Day 4 Project Monitoring & Control

- Setting up & Assigning Baselines
- Apply Actuals
- Progress Update
- Look Ahead Schedule
- Delay Impact Analysis
- Earned Value Analysis
- S-Curve Analysis
- Setting up Project Thresholds
- Project Issue Register
- Working in Project Issues
- Levelling Project Resources
- Project Tracking

Day 4 Reporting

- Template Reporting
- Manual Reporting
- Report Batches
- Procurement Report
- Project Progress Report
- Schedule Comparison Report
- Weekly Report
- Project Cost Report
- Project Closing Report
- Client Report

Day 5 Other Features

- Project Portfolio Management
- Managing Multiple Projects
- Project Work Products & Documents
- Creating Layouts
- User Defined Fields
- Global Change
- Store Period Performances
- Recalculate Assignment Cost
- Import & Export the project data
- Project Management Concepts



[Handwritten Signature]
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Oriental College of Technology, Bhopal

Department of Civil Engineering

Value Added Course - PRIME AVERA

Schedule

Date - 19/09/2017 to 23/09/2017

19/09/2017

Time	Modules	Faculties
9:30-10:00 AM	Inaugurations Ceremony	
10:00 AM-12:30PM	Introduction to Project Management	Mr. Manish Kumar Sharma
12:30-1:10PM	Lunch time	
01:10-3:10PM	Project Phases & Life Cycle	Mr. Alok Goyal
3:10 -3:30PM	Break	
03:30-5:30PM	Setting up Enterprise Project Structure (EPS)	Mr. Dharmendra Singh Dangi

20/09/2017

Time	Session	Teacher
9:00-11:00AM	Introductions to principle of projection	Mr. Manish Kumar Sharma
11:00-11:30AM	Break	
11:30-01:00PM	Setting up Organisational Breakdown Structure (OBS)	Mr. Alok Goyal
01:00-1:40PM	Lunch	
01:40-4:30PM	Setting up Work Breakdown Structure (WBS)	Mr. Alok Goyal

21/09/2017

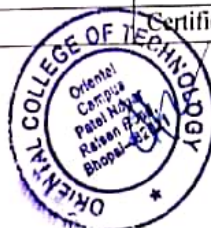
Time	Session	Teacher
9:00-11:00AM	Defining & Creating Project Activities	Mr. Manish Kumar Sharma
11:00-11:30AM	Break	
11:30-01:00PM	Applying activities relationships (Logical connection)	Mr. Manish Kumar Sharma
01:00-1:40PM	Lunch time	
01:40-4:30PM	Assigning resource to activities	Mr. Alok Goyal

22/09/2017

Time	Session	Teacher
9:00-11:00AM	Project Funding Sources	Mr. Alok Goyal
11:00-11:30AM	Break	
11:30-01:00PM	Estimating Budgeted and Actual cost for Activities	Mr. Manish Kumar Sharma
01:00-1:40PM	Lunch time	
01:40-4:30PM	Preparing Project Cash Flow	Mr. Alok Goyal

23/09/2017

Time	Session	Teacher
9:00-11:00AM	Categorizing Risk	Mr. Alok Goyal
11:00-11:30AM	Break	
11:30-01:00PM	Objective Test	Mr. Manish Kumar Sharma
01:00-1:40PM	Lunch time	
01:40-2:30PM	Assignment submission	Mr. Alok Goyal
2:30-3:30PM	Feedback from students	Mr. Alok Goyal
3:30-4:30 PM	Certificate distribution	Mr. Alok Goyal



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Value Added Course on PRIME AVERA

Multiple Choice Test

Date: 23/09/2017

Branch:	Civil Engineering		
Semester:	Seventh Semester	Max. Marks:50	Minimum Marks:25
Subject:	PRIME AVERA	Subject Code: CE 40001	Time: 1:30Hrs
Note	All questions are compulsory. Each Question is of 5 Marks.		

Multiple Choice Questions

1. The finish of the successor activity depends on the finish of the predecessor activity is referred as:
A) finish to finish
B) start to finish
C) finish to start
D) start to start
2. A hierarchical structure that identifies the company-wide projects and enables organizing and management of those projects by means or subdivision or level is: Marks 1
A) W.B.S
B) O.B.S
C) Resource Table
D) E.P.S
3. Primavera can be represented graphically reports in two ways: Histogram. Man power, S-curve. Cumulative cost
A) true
B) false
4. A _____ is a complete copy of a project plan that you can compare to the current schedule to evaluate progress.
A) Group
B) Baseline
C) Status
D) Relationship
5. What are the Project Personal job titles or skills, such as Mechanical Engineer, Inspector or Carpenter called?
A) Resource




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- B) Role
- C) Project Codes
- D) None of them

6. Short key of Schedule is.

- A) F1
- B) F3
- C) F5
- D) F9

7. How many types of reports we have in Primavera .

- A) 3
- B) 2
- C) 5
- D) 4

8. The _____ usually reflects the management structure of your Organization:

- A) E.P.S
- B) O.B.S
- C) W.B.S
- D) Resource codes

9. Deleting a document will delete a Document's physical file.

- A) true
- B) false

10. To apply constraints, select an activity and select the:

- A) Activity tab
- B) Relationship tab
- C) status tab
- D) codes tab




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PRIMAVERA

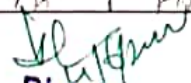
Course Code: CE 40001


Date - 19/09/2017 to 23/09/2017

ATTENDANCE SHEET

Sr. No.	Enroll NO.	Name of Student	9/19/2017	9/20/2017	9/21/2017	9/22/2017	9/23/2017
1	0126CE141001	AAYUSH KUMAR NEMA	AP	AP	AP	AP	AP
2	0126CE141002	ADHAY KUMAR	AP	AP	AP	AP	AP
3	0126CE141004	ABHISHEK CHOUDHARY	AP	AP	AP	AP	AP
4	0126CE141006	ABHISHEK KUMAR	AP	AP	AP	AP	AP
5	0126CE141007	ABHISHEK MANI TRIPATHI	AP	AP	AP	AP	AP
6	0126CE141008	ABHISHEK MISHRA	AP	AP	AP	AP	AP
7	0126CE141009	ABHISHEK NIRANJAN	AP	AP	AP	AP	AP
8	0126CE141010	ABHISHEK RAJ	AP	AP	AP	AP	AP
9	0126CE141011	ADITYA BHARGAV	AP	AP	AP	AP	AP
10	0126CE141013	AKASH PANDEY	AP	AP	AP	AP	AP
11	0126CE141014	AKHILESH KUMAR	AP	AP	AP	AP	AP
12	0126CE141015	AMAN JAIN	AP	AP	AP	AP	AP
13	0126CE141016	AMAN KUMAR	AP	AP	AP	AP	AP
14	0126CE141017	AMBER JAIN	AP	AP	AP	AP	AP
15	0126CE141018	AMISHA NIGAM	AP	AP	AP	AP	AP
16	0126CE141019	AMIT SINGH PAL	AP	AP	AP	AP	AP
17	0126CE141020	ANIL SINGH	AP	AP	AP	AP	AP
18	0126CE141021	ANKIT PATHAK	AP	AP	AP	AP	AP
19	0126CE141022	ANKIT SANODIYA	AP	AP	AP	AP	AP
20	0126CE141023	ANKIT TRVEDI	AP	AP	AP	AP	AP
21	0126CE141024	ANKITA PANARIYA	AP	AP	AP	AP	AP
22	0126CE141025	ANSHUL PRATAP SINGH	AP	AP	AP	AP	AP
23	0126CE141026	ANURAG KUMAR NEMA	AP	AP	AP	AP	AP
24	0126CE141027	ANURAG PRATAP SINGH	AP	AP	AP	AP	AP
25	0126CE141123	AQIB HUSSAIN DAR	AP	AP	AP	AP	AP
26	0126CE141028	ASHISH PATIL	AP	AP	AP	AP	AP
27	0126CE131022	ASIM KHAN	AP	AP	AP	AP	AP
28	0126CE141029	AVINASH KUMAR	AP	AP	AP	AP	AP
29	0126CE141030	AYUSH RAJPUT	AP	AP	AP	AP	AP
30	0126CE141031	AYUSHI JAIN	AP	AP	AP	AP	AP
31	0126CE131026	BHAVESH GHUGUSKAR	AP	AP	AP	AP	AP
32	0126CE141033	CHANDAN KUMAR SAH	AP	AP	AP	AP	AP
33	0126CE141034	DEEPAK BIRLA	AP	AP	AP	AP	AP
34	0126CE141037	DHANANJAY NAGPURE	AP	AP	AP	AP	AP
35	0126CE141038	DHRUV PRATAP SINGH	AP	AP	AP	AP	AP
36	0126CE141039	DILEEP PATEL	AP	AP	AP	AP	AP
37	0126CE141040	DIPANSHU KUMAR	AP	AP	AP	AP	AP
38	0126CE141041	DRISHTA JAIN	AP	AP	AP	AP	AP
39	0126CE141042	FURKAN RASHID	AP	AP	AP	AP	AP
40	0126CE141044	GOURAV MISHRA	AP	AP	AP	AP	AP
41	0126CE141045	HARI OM	AP	AP	AP	AP	AP
42	0126CE141046	HARSH PATHAK	AP	AP	AP	AP	AP




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83	0126CE141047	HEMANT KUMAR TIWARI	H.K.T	H.K.T	H.K.T	H.K.T	H.K.T
84	0126CE141049	HETESH PATIDAR	H.P.	H.P.	H.P.	H.P.	H.P.
85	0126CE141050	JAYANT SHARMA	J.S.	J.S.	J.S.	J.S.	J.S.
86	0126CE141052	JAYESH PARIHAR	J.P.	J.P.	J.P.	J.P.	J.P.
87	0126CE141053	JTENIRA JHALLARE	J.J.	J.J.	J.J.	J.J.	J.J.
88	0126CE141054	JTENIRA RAGHUVANSHI	J.R.	J.R.	J.R.	J.R.	J.R.
89	0126CE141055	KAMLE RATHORE	K.R.	K.R.	K.R.	K.R.	K.R.
90	0126CE141056	KARTIKY RISEN	K.R.	K.R.	K.R.	K.R.	K.R.
91	0126CE141057	KEVI ANAND	K.A.	K.A.	K.A.	K.A.	K.A.
92	0126CE141058	KUMAR SANU	K.S.	K.S.	K.S.	K.S.	K.S.
93	0126CE141059	MAHE NORA BANNHEDE	M.B.	M.B.	M.B.	M.B.	M.B.
94	0126CE141060	MAHE NORA KUMAR CHUHATE	M.C.	M.C.	M.C.	M.C.	M.C.
95	0126CE153D01	MANISH DHAKAD	M.D.	M.D.	M.D.	M.D.	M.D.
96	0126CE141061	MANISH KUMAR LAMBA	M.L.	M.L.	M.L.	M.L.	M.L.
97	0126CE141062	MAJID KHAN	M.K.	M.K.	M.K.	M.K.	M.K.
98	0126CE141063	MO SHARIQUE ENAM	M.E.	M.E.	M.E.	M.E.	M.E.
99	0126CE141064	MITHASHA DUGGAL	M.D.	M.D.	M.D.	M.D.	M.D.
100	0126CE141065	MRITUNJAY KUMAR	M.K.	M.K.	M.K.	M.K.	M.K.
101	0126CE131060	NFERAJ AHIRWAR	N.A.	N.A.	N.A.	N.A.	N.A.
102	0126CE141067	NIMISH KARAYA	N.K.	N.K.	N.K.	N.K.	N.K.
103	0126CE141068	NISHANT UPADHYAY	N.U.	N.U.	N.U.	N.U.	N.U.
104	0126CE141072	PANKAJ KUMAR DWIVEDI	P.D.	P.D.	P.D.	P.D.	P.D.
105	0126CE141073	PANKAJ KUMAR PASWAN	P.P.	P.P.	P.P.	P.P.	P.P.
106	0126CE141074	PANKAJ SONWANSHI	P.S.	P.S.	P.S.	P.S.	P.S.
107	0126CE141075	PASHUPATI NATH JHA	P.N.	P.N.	P.N.	P.N.	P.N.
108	0126CE141076	PRAKASH KUMAR HANSDA	P.H.	P.H.	P.H.	P.H.	P.H.
109	0126CE141078	PURSHOTTAM KUMAR MEHTA	P.M.	P.M.	P.M.	P.M.	P.M.
110	0126CE141079	RAHUL KUMAR YADAV	R.Y.	R.Y.	R.Y.	R.Y.	R.Y.
111	0126CE131076	RAHUL RAJ	R.R.	R.R.	R.R.	R.R.	R.R.
112	0126CE141080	RAJAT CHATURVEDI	R.C.	R.C.	R.C.	R.C.	R.C.
113	0126CE141082	RAJNISH KUMAR	R.K.	R.K.	R.K.	R.K.	R.K.
114	0126CE141083	RAKHI VERMA	R.V.	R.V.	R.V.	R.V.	R.V.
115	0126CE141084	RAMJEE KUMAR	R.K.	R.K.	R.K.	R.K.	R.K.
116	0126CE141085	RAVI PATIDAR	R.P.	R.P.	R.P.	R.P.	R.P.
117	0126CE141088	RUD THOMAS	R.T.	R.T.	R.T.	R.T.	R.T.
118	0126CE141090	ROMI THOMAS	R.T.	R.T.	R.T.	R.T.	R.T.
119	0126CE141091	SAHIL ASATI	S.A.	S.A.	S.A.	S.A.	S.A.
120	0126CE141092	SAIYAD HAIDER ALI	S.A.	S.A.	S.A.	S.A.	S.A.
121	0126CE141093	SATYAM KUMAR SATYARTHI	S.S.	S.S.	S.S.	S.S.	S.S.
122	0126CE141094	SHALINI VISHWAKARMA	S.V.	S.V.	S.V.	S.V.	S.V.
123	0126CE153D02	SHANTANU TRIPATHI	S.T.	S.T.	S.T.	S.T.	S.T.
124	0126CE141095	SHIVAM CHOURASIA	S.C.	S.C.	S.C.	S.C.	S.C.
125	0126CE141096	SHIVAM GUPTA	S.G.	S.G.	S.G.	S.G.	S.G.
126	0126CE141097	SHIVAM KHARE	S.K.	S.K.	S.K.	S.K.	S.K.
127	0126CE141098	SHIVAM PATIDAR	S.P.	S.P.	S.P.	S.P.	S.P.
128	0126CE141099	SHRESTH SONI	S.S.	S.S.	S.S.	S.S.	S.S.
129	0126CE141100	SHRINGI NANDAN	S.N.	S.N.	S.N.	S.N.	S.N.
130	0126CE141101	SHUBHAM SHARMA	S.S.	S.S.	S.S.	S.S.	S.S.
131	0126CE121054	SHUBHAM SINGH	S.S.	S.S.	S.S.	S.S.	S.S.
132	0126CE141102	SHUBHAM SONI	S.S.	S.S.	S.S.	S.S.	S.S.



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03	0126CE141103	SIYAM PRATAP PARASHAR	(A)	(A)	(A)	(A)	(A)
04	0126CE141104	SOMENDRA PRATAP SINGH	Pratap	Pratap	Pratap	Pratap	Pratap
05	0126CE141105	SULAIM ANSARI	Sulaim	Sulaim	Sulaim	Sulaim	Sulaim
06	0126CE141106	SUMIT ANAND	Sumit	Sumit	Sumit	Sumit	Sumit
07	0126CE141107	SUMIT GAUR	Sumit	Sumit	Sumit	Sumit	Sumit
08	0126CE141108	SUMIT KASHYAP	Sumit	Sumit	Sumit	Sumit	Sumit
09	0126CE141109	SUSHANT KUMAR	Sumit	Sumit	Sumit	Sumit	Sumit
100	0126CE141111	TUSHAR SE THIYA	(A)	(A)	(A)	(A)	(A)
101	0126CE141113	ULUVAL BUSEN	T.S	T.S	T.S	T.S	T.S
102	0126CE141114	UNE SIKHAN	Unes	Unes	Unes	Unes	Unes
103	0126CE141115	VJAY KUMAR	Unes	Unes	Unes	Unes	Unes
104	0126CE153D03	VIKRAM PATEL	R.vij	R.vij	R.vij	R.vij	R.vij
105	0126CE141116	VIPUL RAJORIYA	Patel	Patel	Patel	Patel	Patel
106	0126CE141117	VISHAL KUMAR	Vij	Vij	Vij	Vij	Vij
107	0126CE141118	VISHNU SHARMA	Vish	Vish	Vish	Vish	Vish
108	0126CE141119	VISHWAVIJAY KUMAR SINGH	Vish	Vish	Vish	Vish	Vish
109	0126CE141120	VIVEK KUMAR	(A)	(A)	(A)	(A)	(A)
110	0126CE131120	VIVEKANAND MISHRA	(A)	(A)	(A)	(A)	(A)
111	0126CE141121	WIBHUTI WAIBHAV	mish	mish	mish	mish	mish
112	0126CE141122	YUKTI CHOUDHARY	Wibh	Wibh	Wibh	Wibh	Wibh

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Department of Civil Engineering

PRIMAVERA

Course Code: CE 40001

Date - 19/09/2017 to 23/09/2017

ASSESSMENT SHEET

Sr. No.	Enroll NO.	Name of Student	Class Room Assessment Marks	Objective Type Test Marks	Total Marks obtained	Certificate status
1	0126CE141001	AAYUSH KUMAR NEMA	28	40	68	Eligible
2	0126CE141002	ADHAY KUMAR	35	40	75	Eligible
3	0126CE141004	ABHISHEK CHOUDHARY	45	50	95	Eligible
4	0126CE141006	ABHISHEK KUMAR	28	40	68	Eligible
5	0126CE141007	ABHISHEK MANI TRIPATHI	44	45	89	Eligible
6	0126CE141008	ABHISHEK MISHRA	40	45	85	Eligible
7	0126CE141009	ABHISHEK NIRANJAN	28	40	68	Eligible
8	0126CE141010	ABHISHEK RAJ	32	45	77	Eligible
9	0126CE141011	ADITYA BHARGAV	28	40	68	Eligible
10	0126CE141013	AKASH PANDEY	45	45	90	Eligible
11	0126CE141014	AKHILESH KUMAR	40	45	85	Eligible
12	0126CE141015	AMAN JAIN	28	40	68	Eligible
13	0126CE141016	AMAN KUMAR	28	40	68	Eligible
14	0126CE141017	AMBER JAIN	38	45	83	Eligible
15	0126CE141018	AMISHA NIGAM	37	40	77	Eligible
16	0126CE141019	AMIT SINGH PAL	28	45	73	Eligible
17	0126CE141020	ANIL SINGH	A	A	0	Not Eligible
18	0126CE141021	ANKIT PATHAK	26	45	71	Eligible
19	0126CE141022	ANKIT SANODIYA	40	40	80	Eligible
20	0126CE141023	ANKIT TRIVEDI	35	45	80	Eligible
21	0126CE141024	ANKITA PANARIYA	40	40	80	Eligible
22	0126CE141025	ANSHUL PRATAP SINGH	A	A	0	Not Eligible
23	0126CE141026	ANURAG KUMAR NEMA	45	50	95	Eligible
24	0126CE141027	ANURAG PRATAP SINGH	37	40	77	Eligible
25	0126CE141123	AQIB HUSSAIN DAR	45	40	85	Eligible
26	0126CE141028	ASHISH PATIL	A	A	0	Not Eligible
27	0126CE131022	ASIM KHAN	A	A	0	Not Eligible
28	0126CE141029	AVINASH KUMAR	A	A	0	Not Eligible
29	0126CE141030	AYUSH RAJPUT	35	40	75	Eligible
30	0126CE141031	AYUSHI JAIN	45	40	85	Eligible
31	0126CE131026	BHAVESH GHUGUSKAR	35	45	80	Eligible
32	0126CE141033	CHANDAN KUMAR SAH	45	45	90	Eligible
33	0126CE141034	DEEPAK BIRLA	38	50	88	Eligible
34	0126CE141037	DHANANJAY NAGPURE	45	45	90	Eligible
35	0126CE141038	DHRUV PRATAP SINGH	36	40	76	Eligible
36	0126CE141039	DILEEP PATEL	38	40	78	Eligible
37	0126CE141040	DIPANSHU KUMAR	28	40	68	Eligible
38	0126CE141041	DRISHTA JAIN	36	40	76	Eligible
39	0126CE141042	FURKAN RASHID	32	45	77	Eligible
40	0126CE141044	GOURAV MISHRA	45	45	90	Eligible
41	0126CE141045	HARJON	32	45	77	Eligible



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42	0126CE141046	HARSH PATHAK	20	40	60	Eligible
43	0126CE141047	HEMANT KUMAR TIWARI	45	40	85	Eligible
44	0126CE141049	HITESH PATIDAR	41	45	76	Eligible
45	0126CE141050	JAYANT SHARMA	35	40	75	Eligible
46	0126CE141052	JAYESH PARHAR	40	45	85	Eligible
47	0126CE141053	JITENDRA JHALLARE	30	40	70	Eligible
48	0126CE141054	JITENDRA RAGHUVANSHI	30	50	80	Eligible
49	0126CE141055	KAPIL RATHORE	20	40	60	Eligible
50	0126CE141056	KARTIKEY BISEN	35	45	80	Eligible
51	0126CE141057	KEWL ANAND	35	45	80	Eligible
52	0126CE141058	KUMAR SANU	30	40	70	Eligible
53	0126CE141059	MAHENDRA BANKHEDE	40	45	85	Eligible
54	0126CE141060	MAHENDRA KUMAR CHILHATE	40	45	85	Eligible
55	0126CE153D01	MANISH DHAKAD	A	A	0	Not Eligible
56	0126CE141061	MANISH KUMAR LAMBA	35	45	80	Eligible
57	0126CE141062	MAZID KHAN	35	40	75	Eligible
58	0126CE141063	MO SHARIQUE ENAM	35	45	80	Eligible
59	0126CE141064	MITHASHA DUGGAL	38	40	78	Eligible
60	0126CE141065	MRTUNJAY KUMAR	35	40	75	Eligible
61	0126CE131060	NEERAJ AHIRWAR	A	A	0	Not Eligible
62	0126CE141067	NIMISH KARAIYA	35	45	80	Eligible
63	0126CE141068	NISHANT UPADHYAY	26	45	71	Eligible
64	0126CE141072	PANKAJ KUMAR DWIVEDI	40	45	85	Eligible
65	0126CE141073	PANKAJ KUMAR PASWAN	38	40	78	Eligible
66	0126CE141074	PANKAJ SONWANSHI	26	45	71	Eligible
67	0126CE141075	PASHUPATI NATH JHA	26	45	71	Eligible
68	0126CE141076	PRAKASH KUMAR HANSDA	25	45	70	Eligible
69	0126CE141078	PURSHOTTAM KUMAR MEHTA	40	45	85	Eligible
70	0126CE141079	RAHUL KUMAR YADAV	38	40	78	Eligible
71	0126CE131076	RAHUL RAJ	A	A	0	Not Eligible
72	0126CE141080	RAJAT CHATURVEDI	32	45	77	Eligible
73	0126CE141082	RAJNISH KUMAR	37	40	77	Eligible
74	0126CE141083	RAKHI VERMA	45	40	85	Eligible
75	0126CE141084	RAMJEE KUMAR	40	45	85	Eligible
76	0126CE141085	RAVI PATIDAR	30	40	70	Eligible
77	0126CE141088	RIJO THOMAS	38	40	78	Eligible
78	0126CE141090	ROMI THOMAS	45	45	90	Eligible
79	0126CE141091	SAHIL ASATI	35	45	80	Eligible
80	0126CE141092	SAIYAD HAIDER ALI	25	50	75	Eligible
81	0126CE141093	SATYAM KUMAR SATYARTHI	28	40	68	Eligible
82	0126CE141094	SHALINI VISHWAKARMA	40	45	85	Eligible
83	0126CE153D02	SHANTANU TRIPATHI	40	45	85	Eligible
84	0126CE141095	SHIVAM CHOURASIA	36	40	76	Eligible
85	0126CE141096	SHIVAM GUPTA	31	45	76	Eligible
86	0126CE141097	SHIVAM KHARE	44	45	89	Eligible
87	0126CE141098	SHIVAM PATIDAR	44	45	89	Eligible
88	0126CE141099	SHRESTH SONI	38	50	88	Eligible
89	0126CE141100	SHRINGI NANDAN	A	A	0	Not Eligible
90	0126CE141101	SHUBHAM SHARMA	A	A	0	Not Eligible
91	0126CE121054	SHUBHAM SINGH	A	A	0	Not Eligible
92	0126CE141102	SHUBHAM SONI	26	45	71	Eligible
93	0126CE141103	SHYAM PRATAP PARASHAR	A	A	0	Not Eligible
94	0126CE141104	SOMENDRA PRATAP SINGH	32	45	77	Eligible

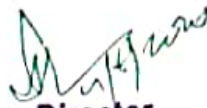


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105	0126CE141105	SULAIM ANSARI	32	45	77	Eligible
106	0126CE141106	SUMIT ANAND	35	40	75	Eligible
107	0126CE141107	SUMIT GAUR	40	45	85	Eligible
108	0126CE141108	SUMIT KASHYAP	35	40	75	Eligible
109	0126CE141109	SUSHANT KUMAR	A	A	0	Not Eligible
110	0126CE141111	TUSHAR SETHIYA	37	40	77	Eligible
111	0126CE141113	UJWAL BISEN	32	45	77	Eligible
112	0126CE141114	UNESH KHAN	28	40	68	Eligible
113	0126CE141115	VIJAY KUMAR	35	40	75	Eligible
114	0126CE153D03	VIKRAM PATEL	45	40	85	Eligible
115	0126CE141116	VIPUL RAJORIYA	40	45	85	Eligible
116	0126CE141117	VISHAL KUMAR	35	40	75	Eligible
117	0126CE141118	VISHNU SHARMA	35	45	80	Eligible
118	0126CE141119	VISHWAVIJAY KUMAR SINGH	44	45	89	Eligible
119	0126CE141120	VIVEK KUMAR	A	A	0	Not Eligible
120	0126CE131120	VIVEKANAND MISHRA	31	45	76	Eligible
121	0126CE141121	WIBHUTI WAIBHAV	35	45	80	Eligible
122	0126CE141122	YUKTI CHOUDHARY	37	40	77	Eligible


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Feedback Form

Value Added Course:

PRIMA AVIFA

Date:

10/06/2017 to 11/06/2017

Venue:

Oriental College of Technology, Bhopal

Experts:

Mr. Manish Kumar Sharma, Mr. Abhishek Choyal, Mr. Dharmendra Singh Dangi

Please respond to the following statements by using the 4 point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

4- Strongly Agree 3- Agree 2- Disagree 1- Strongly Disagree

1. The Course objectives were stated clearly and met.	✓ 1 2 1
2. The Course was well organized.	✓ 1 2 1
3. The information and/or skills presented were relevant and useful	✓ 2 1
4. The expert provided adequate time for questions and answered them effectively.	✓ 3 2 1
5. The expert allowed me to work with and learn from others.	✓ 3 2 1
6. The materials provided were sufficient & appropriate for the program.	✓ 3 2 1
7. The physical arrangements were adequate.	✓ 2 1
8. The lab facilities was adequate.	✓ 3 2 1



(Signature)
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Oriental College of Technology, Bhopal

Department of Civil Engineering

PRIMAVERA

Course Code: CE 40001

Date - 19/09/2017 to 23/09/2017



*Certificate
by*

*Shiv
19/6/20*

Director

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ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

[Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA]



Department of Civil Engineering

Session: 2017-18

CERTIFICATE

This is to certify that Mr./Ms AAYUSH KUMAR NEMA of CE VII Semester, OCT, Bhopal, has Successfully Completed the "Value Added Course" on "Primavera" during 19-23 Sept 2017, organized by Department of Civil Engineering, Oriental College of Technology, Bhopal.

Co-Ordinator, CE, OCT

Head of Department, CE OCT

Director, OCT



Director
Oriental College of Tech-
Thakral Nagar, Raisen
Bhopal

ORIENTAL COLLEGE OF TECHNOLOGY

BHOPAL



Department of Civil Engineering

Report on Value Added Course on "PRIMAVERA"

Date and Time: 19/09/2017 to 23/09/2017. **Venue:** CE, OCT Campus. **Organized by:** CE, OCT, Bhopal. **Name of the Speakers:** Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal & Mr. Dharmendra Singh Dangi, **Participants Details:** Fourth year students of Department of Civil Engineering.

Summary of the Event

The Value added course plays an important role in strengthening the technical skills of undergraduates. In the race of making good and bright career in short span of time, most of the time students neglect the aim and the need of education. In view of this changing pattern and condition of youth education in India, and to guide students on different topics which are not covered under the defined academic syllabus, the Civil Engineering Department of Oriental College of Technology had organized "Value Added Course on Primavera" from 19/09/2017 to 23/09/2017 for the students of second year.

This Course syllabus was covered by Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal & Mr. Dharmendra Singh Dangi CE, OCT in 30 Hrs. of 5-Day program.

On 19/09/2017, the course started with the inaugural and presidential speech of Dr. Ranjeeta Khare, Director, Oriental College of Technology. In his presidential speech she emphasized on the need to collaborate the academic and the non academic education.




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On 19/09/2017, Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal, make students Learned Introduction to Project Management & Setting up Enterprise Project Structure (EPS).

On 20/09/2017, Mr. Manish Kumar Sharma, make students Setting up Organisational Breakdown Structure (OBS).

On 21/09/2017, Mr. Alok Goyal & Mr. Dharmendra Singh Dangi, make students learned Defining & Creating Project Activities.

On 22/09/2017, Mr. Manish Kumar Sharma (HOD CE), Mr. Alok Goyal make student learned Project Funding Sources & Estimating Budgeted and Actual cost for Activities.

On 23/09/2017, Mr. Alok Goyal, make student learned Categorizing Risk followed by Value added course assessment test. At last Mr. Manish Kumar Sharma (HOD CE) Convenor of Course gave away the vote of thank. She also thanked Mr. Alok Goyal & Mr. Dharmendra Singh Dangi for addressing the student audience on the said topic. At the end he thanked all the faculties, office staff and student volunteers for their unconditional support in organizing this Course.

Mr. Manish Kumar Sharma

Course Convenor

CE, OCT




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