

Criteria 1

Key Indicator	Academic Flexibility
Metric No.	1.2.1

1.2.1: Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Items	Year				
	2021-22	2020-21	2019-20	2018-19	2017-18
Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc during the year	19	18	24	16	12
Total No. of Certificate/Value added courses	89				



IQAC Coordinator




Dr. Arun R. Patil
 PRINCIPAL
 Vishwakarma College of Arts
 Commerce & Science
 Kondhwa (Bk.), Pune - 411 011

Criteria 1

Key Indicator	Academic Flexibility
Metric No.	1.2.2

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

1.2.2.1: Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Items	Year				
	2021-22	2020-21	2019-20	2018-19	2017-18
Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. during the year	2079	1868	1762	623	416
Total No. of Students	2079	1868	1762	1514	1361
Average Percentage	78.61%				



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1.2.1: Number of Certificate/Value added courses offered during the last five years

Sr.No.	Name of Programme
2021-22	
1	Certificate Course in Communication Skills and Personality Development
2	Certificate Course in Import Export Procedure and Documentations
3	Value Added Course on "Certificate Course in Business Intellectual and Analytics"
4	Certificate Course in Advanced Excel
5	Certificate Course in Share Marketing
6	Value Added Course on " Certification Course in CCTV Installation"
7	Certificate Course in Skill Enhancement
8	Value Added Course on "Certificate Course in Artificial Intelligence"
9	Value Added Course on "Certification in Digital Marketing"
10	Certificate Course in Cyber Security and Ethical Hacking
11	Value Added Course on "Hands on NOSQL DataBase"
12	Value Added Course on "Hands on Internet Of Things"
13	Certificate Course in Business Accounting and Taxation
14	Certificate Course in Computerised Accounting
15	Certificate Course in full Stack Development
16	Certificate Course in Node JS
17	Certificate Course in Web designing
18	Certificate Course in Personality Development
19	Certificate Course in Machine Learning and Artificial Inteligence
2020-21	
1	Certificate course in German
2	Certificate course in French
3	Employability Skills Enhancement Programme
4	Personality And Soft Skill development
5	Tally and Computer based accounting(30 Hours) Sem II
6	Basic Course in Environment Awareness Sem III
7	International Etiquettes and Manerism Sem IV
8	Principles of Programming and algorithms
9	Advance C
10	AECC Environment Awareness
11	Jquery
12	Introduction to machine learning for Coders
13	Employability Skills Enhancement Programme
14	Computerised Accounting

15	Environmental Science Sem III
16	Environmental Science Sem IV
17	Investment Analysis and Portfolio Management
18	Export Import: Basic Procedures and Documentation
2019-20	
1	Certificate Course in French
2	Certificate Course in German
3	Principles of Programming and algorithms
4	Risk and Insurance Management in Share and Stock Market
5	Communication Skills for Managers
6	Robotics Process Automation
7	Import/Export Management
8	Advance C
9	Translation and trans Cultural studies
10	Quick Tally with Tally.ERP -GST (Tally & Computer Based Accounting)
11	Personality Development & Soft Skills
12	Big Data Analytics
13	Blockchain
14	Web Designing and PHP
15	Web Services and Cloud Computing
16	Microsoft certification in Python
17	Career And Personality Development
18	Women Entrepreneurship
19	Mathematical and Computational Approaches
20	Employability Skill Enhancement Programme
21	First Aid and Safety Education
22	English Language Enhancement for Foreigner Students
23	Quick Tally with Tally.ERP -GST (Computerised Accounting)
24	Skill Enhancement through Professional Courses in CA,CS,CW
2018-19	
1	Certificate Course in German
2	Android Application development
3	Website Designing and PHP
4	Entrepreneurship Development
5	Data Science and Machine Learning
6	Hands on IOT
7	Banking and Finance
8	Programming using C and C++
9	IOT using PYTHON Microsoft Certification
10	Hardware and Networking
11	Self SWOT Analysis
12	Certificate Course in Tally ERP
13	Digital Marketing

14	Hardware and Software Proficiency
15	Certificate Course in Supply Chain Management
16	Employability under GST
2017-18	
1	Certificate course in German
2	Artificial Intelligence
3	Hands on IOT
4	Computing With JAVA
5	Microsoft Certification in Cyber Security and Ethical Hacking
6	Computing with MATLAB/Scilab
7	Indian Classical Dance
8	Certificate Course in Tally ERP
9	Digital Marketing
10	Banking and Finance
11	Statistical Method
12	E-Commerce

2021-22



B.R.A.C.T.'s
Vishwakarma College Of Arts, Commerce And
Science
Kondhwa (Bk), Pune
text

CERTIFICATION IN ADVANCED EXCEL

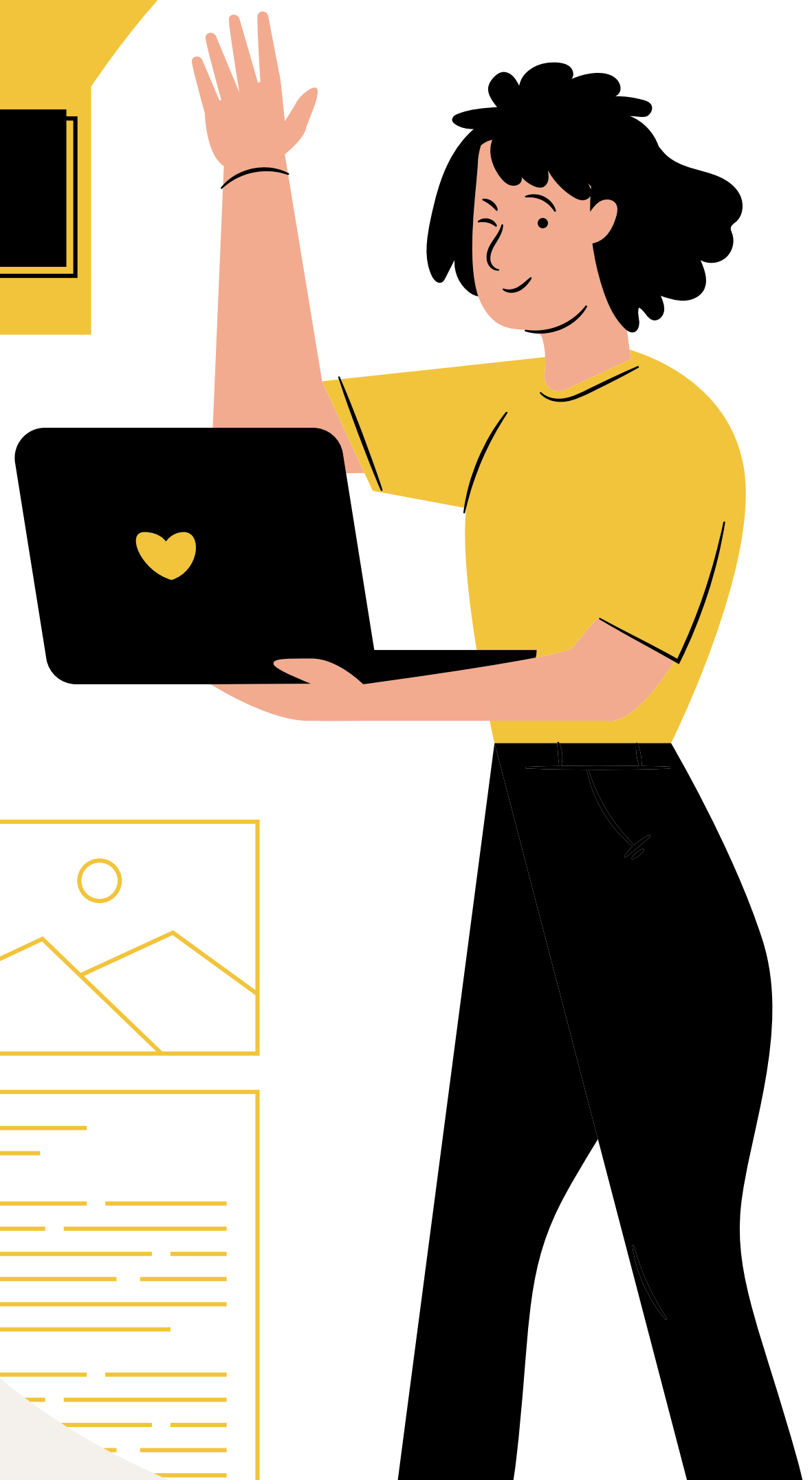
For TY B.COM



**With A Great
Expertise
By
Prof. Komal
Dalnar**

STARTS FROM

02.JUNE, 2021





BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCIAL, AND SCIENCE,
PUNE

Date: 17/05/2021

Notice

All students of TYBCOM hereby informed that VCACS has organized value added course on "Certificate Course in Advanced Excel" from 02/06/2021 to 18/06/2021 at 10.00 am to 12.00pm. Registration is mandatory for all.

Link will shared on group.

Venue: Hall No. Google Meet

Platform: Online Mode

For P.S. Jadhav
HOD

(Commerce)

Patil.
DR. ARUN R. PATIL
PRINCIPAL
VISHWAKARMA COLLEGE OF ARTS
COMMERCIAL AND SCIENCE
Munshi (Bk.), Pune-411 048

BRACT's
Vishwakarma College of Arts, Commerce and Science
2021-22

Value Added Course

Advance Excel

Enrolled Student List

Sr. No	Student Name	Class
1	Aayush Abhay More	TYBC om
2	Abraham Samth Kuruvilla	TYBC om
3	Agarwal Kaamyesh Manoj	TYBCom
4	Agarwal Priya Prakash	TYBCom
5	Akula Indira Ramulu	TYBCom
6	Alefiya Abdulla Husan	TYBCom
7	Ammar Ahmedabad	TYBCom
8	Badgajar Prathamesh Umesh	TYBCom
9	Bafna Raj Anand	TYBCom
10	Bangale Shrikant Anand	TYBCom
11	Baravkar Omkar Baban	TYBCom
12	Bhandari Nishant Sandeep	TYBCom
13	Bhkule Shital Dattatray	TYBCom
14	Bhondve Sarthak Vinay	TYBCom
15	Bhosale Prachi Prakash	TYBCom
16	Borate Ritesh Shrikant	TYBCom
17	Chavan Rohit Chetan	TYBC om
18	Chavan Rohit Shivaji	TYBCom
19	Chavan Sahil Vikas	TYBCom
20	Chawla Krishna Bhagwan	TYBC om
21	Choudhari Bharat Babulal	TYBCom
22	Choudhary Ashok Jagaram	TYBCom
23	Dangi Shreyas Sanjay	TYBCom
24	Dussal Rushikesh Sachin	TYBCom
25	Gadia Himanshu Chuntal	TYBCom
26	Gaikwad Pallavi Yashwant	TYBCom
27	Gandhi Trishla Madanlal	TYBCom
28	Gohad Arishwary Prashant	TYBCom
29	Gote Priyanka Shankar	TYBCom
30	Gund Varad Vinod	TYBCom
31	Gundesha Anish Pravin	TYBCom
32	Gupta Tushar Narendra	TYBC om
33	Hulge Ganesh Babasaheb	TYBC om
34	Jadhav Gayatri Gokul	TYBCom
35	Jadhav Rituja Ravindra	TYBCom
36	Jagtap Kartiki Sambhaji	TYBCom
37	Jam Anish Khater	TYBCom
38	Jam Bhupendra Mahendra	TYBCom
39	Jamadar Aditya Narayan	TYBCom

40	Jangda Dhrishti Raviraj	TYBCom
41	Jangda Mehak Naresh	TYBCom
42	Jangid Balkrishna Hanuman	TYBCom
43	Jangid Subhash Ramkishor	TYBCom
44	Jannu Joystna Chandrashekhar	TYBCom
45	Jayesh Kabra	TYBCom
46	Jhawar Shreya Anil	TYBCom
47	Katal Sweekar Raju	TYBCom
48	Kale Jay Subodh	TYBCom
49	Kamble Pallavi Milind	TYBCom
50	Kamble Pranjal Sunil	TYBCom
51	Kamthe Prithviraj Ravindra	TYBCom
52	Kamthe Sakshi Shashikant	TYBCom
53	Kanetiya Yash Gunvantbhai	TYBCom
54	Katke Sejal Sandeep	TYBCom
55	Khan Yusuf Ajmal	TYBCom
56	Khude Vaishnavi Prafulla	TYBCom
57	Kshirsagar Shree Santosh	TYBCom
58	Lamba Khushi Jitendra	TYBCom
59	Lohokare Yash Rajan	TYBCom
60	Malik Pratham Sandeep	TYBCom
61	Mane Deepali Mahesh	TYBCom
62	Maruf Safi Nadeem	TYBCom
63	Meghawat Rahul Ramesh	TYBCom
64	Mehta Siddhant Mukesh	TYBCom
65	Mehta Vritti Hemal	TYBCom
66	Mengji Vaishnavi Vinod	TYBCom
67	Mirajkar Sayam Sajid	TYBCom
68	Mishra Ambikaprasad Jayprakash	TYBCom
69	Mittal Sonali Jagmohan	TYBCom
70	Mohammed Motorwala	TYBCom
71	More Anurag Ajay	TYBCom
72	More Priyanka Sudam	TYBCom
73	More Sakshi Sanjay	TYBCom
74	More Tejas Ganesh	TYBCom
75	Nadar Rohit Venkatesh	TYBCom
76	Nadkar Mrunal Rahul	TYBCom
77	Nagpure Shweta Shrikant	TYBCom
78	Nak Roshan Ramakant	TYBCom
79	Nehulkar Tanaya Sandeep	TYBCom
80	Nittala Venkata Saiphanindra S	TYBCom
81	Oswal Akshata Deepak	TYBCom
82	Oswal Jinesh Sanjay	TYBCom
83	Ovhal Ritik Yuvraj	TYBCom
84	Patthankar Aboli Arvind	TYBCom
85	Paliwal Narmada Maniklal	TYBCom
86	Pansare Fizza Fakimohammed	TYBCom
87	Parcek Charu Ashok	TYBCom
88	Pasalakar Tanaya Arun	TYBCom
89	Patel Kishan Jitendra	TYBCom
90	Patel Krina Amrutlal	TYBCom
91	Patel Om Manish	TYBCom
92	Pathan Arif Ajj	TYBCom
93	Pathan Taskin Salimkhan	TYBCom

94	Pawar Aniket Vinod	TYBCom
95	Pawar Manisha Ganesh	TYBCom
96	Peerzada Adnan Shabbir	TYBCom
97	Pillai Arjun Ramesh	TYBCom
98	Potdar Bhagyashree Vinayak	TYBCom
99	Pratik Innani	TYBCom
100	Punjabi Sakshi Bharat	TYBCom
101	Rajbhar Umesh Salikram	TYBCom
102	Rajpurohit Rajesh Dalpatsingh	TYBCom
103	Rananawre Pragati Ganesh	TYBCom
104	Ranka Yashank Rajendra	TYBCom
105	Rathod Bhakti Vinod	TYBCom
106	Ratlamwala Mustafa Shabbir	TYBCom
107	Ritik Nagda	TYBCom
108	Salunkhe Abhishek Deepak	TYBCom
109	Sange Ayyan Daneyal	TYBCom
110	Sanghvi Shreyans Nitin	TYBCom
111	Shah Aryan Amit	TYBCom
112	Shah Atharv Kiran	TYBCom
113	Shah Chirag Nitin	TYBCom
114	Shah Khushi Kantilal	TYBCom
115	Shah Krishna Nitesh	TYBCom
116	Shah Manas Ashwin	TYBCom
117	Shah Mehek Sharad	TYBCom
118	Shah Sejal Nitant	TYBCom
119	Shahane Rasika Narayan	TYBCom
120	Shaikh Sohel Bakshu	TYBCom
121	Sharma Yash Kavita	TYBCom
122	Shelar Aashish Sunil	TYBCom
123	Shinde Avantika Bharat	TYBCom
124	Singh Saurabh Fulena	TYBCom
125	Sonar Ajay Chakra	TYBCom
126	Sudarshan Darak	TYBCom
127	Sukhwani Pankaj Roopkumar	TYBCom
128	Suthar Nitin Lunaram	TYBCom
129	Talekar Rohit Rukesh	TYBCom
130	Tanwar Riddhi Narehsingh	TYBCom
131	Thakkar Aditya Sanjay	TYBCom
132	Thakkar Dheeraj Vijay	TYBCom
133	Thakkar Kejal Manoj	TYBCom
134	Thakkar Mihir Mukesh	TYBCom
135	Thakkar Nehal Mahesh	TYBCom
136	Thakkar Parth Vijay	TYBCom
137	Tikhe Prathamesh Manish	TYBCom
138	Tripathi Nikita Surendra	TYBCom
139	Umang Innani	TYBCom
140	Varma Gitanjali Subedar	TYBCom
141	Vasnani Gayatri Manoj	TYBCom
142	Vedant Innani	TYBCom
143	Viram Dev Sirvi	TYBCom
144	Waghmode Karan Shivdas	TYBCom
145	Yadav Shraddha Vilas	TYBCom
146	Ghadge Pooja Sukhadev	TYBCom
147	Kalbhori Jay Rohidas	TYBCom
148	Khude Swati Sanjay	TYBCom
149	Sathe Omkar Suhas	TYBCom
150	Gosavi Rohit Rajugir	TYBCom
151	Dumble Pranav Nivrutti	TYBCom
152	Pangare Saurabh Rajendra	TYBCom
153	Raaj Ashok Magnani	TYBCom
154	Shriwas Vikas Harishchandra	TYBCom
155	Shriwas Rinku Tulsidas	TYBCom

156	Gosavi Tejas Santosh	TYBCom
157	Pandey Ankur Dharmendra	TYBCom
158	Pardeshi Shivam Bahram	TYBCom
159	Babji Abbas Abdeali	TYBCom
160	Aayush Abhay More	TYBCom
161	Abraham Sanuth Kuruvilla	TYBCom
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163	Agarwal Priya Prakash	TYBCom
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BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

Add On Course for TY BCOM (Sem V)

CERTIFICATE COURSE IN ADVANCE EXCEL

Course Objectives:

- This course aims at providing fundamental understanding of Microsoft excel and tools it provide.
- Students will be able to identify the different components of the Excel worksheet.
- Enhance alpha and numeric data in an Excel worksheet
- Access and manipulate data using the database functions of Excel.

Duration of the Program:

Certificate course in advance excel is a 15 days program for 30 hours of lectures.

Course Content:

Unit no.	Unit Title	Contents	Teaching Hours
1	Introduction to Excel	<ul style="list-style-type: none">• An introduction of the screen, navigation and basic spreadsheet concept• Various techniques of selection• Short cut keys	6 Hours
2	Using Basic Function	<ul style="list-style-type: none">• Using function like sum, average, max, min, count, counta• Absolute, mixed and relative referencing	6 Hours
3	Formatting and Proofing	<ul style="list-style-type: none">• Currency format• Format painter• Custom and special format• Basic conditional formatting	6 Hours
4	Mathematical function	<ul style="list-style-type: none">• SumIf, CountIf, CountIfs, Averagelf, AND, OR, NOT	6 Hours

5	Sorting, Filtering and prating of workbooks	<ul style="list-style-type: none"> • Filtering on text, number and colors • Sorting options • Setting up print area • Customizing headers and footers • Print titles 	6 Hours
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Expected Outcome:

Students will be able to handle advanced functions and productivity tools to assist in developing worksheets and use Consolidation to summaries and report results from multiple worksheets.




171	Bhandari Nishant Sandeep	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
172	Bhikule Shital Dattatray	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
173	Avashy Abhay More	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
174	Abraham Santh Kuruvilla	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
175	Agarwal Kauntyesh Manoj	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
176	Agarwal Priya Prakash	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
177	Akula Indra Ramulu	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
178	Alefiya Abdulla Husan	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
179	Ammar Ahmedabad	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
180	Badejar Prabhamesh Umesh	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
181	Bafna Raj Anand	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
182	Bangale Shrikant Anand	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
183	Baraskar Omkar Baban	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
184	Bhandari Nishant Sandeep	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
185	Bhikule Shital Dattatray	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
186	Bhondye Sanhak Vinay	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
187	Bhongale Prachi Prakash	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
188	Borate Ritesh Shrikant	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
189	Chavan Rohit Chetan	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
190	Chavan Rohit Shivaji	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
191	Chavan Sahil Vikas	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
192	Chawla Krishna Bhagwan	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
193	Choudhari Bharat Babulal	TYBCom	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRACT's
Vishwakarma College of Arts, Commerce and Science
Advanced Excel
TyB.Com

Time- 30 Mins

Marks- 20

1. Which of the following functions in Excel is used to return the smallest value from a range of cells?

- a. MIN
- b. MAX
- c. SMALL
- d. VLOOKUP

2. What does the VLOOKUP function do in Excel?

- a. Searches for a value in the first column of a table and returns a value in the same row from a specified column.
- b. Searches for a value in the last column of a table and returns a value in the same row from a specified column.
- c. Searches for a value in a specific column of a table and returns a value in the same row from the first column.
- d. Searches for a value in a specific row of a table and returns a value in the same column from the last row.

3. How can you apply conditional formatting to a cell in Excel?

- a. Right-click on the cell and select "Conditional Formatting" from the context menu.
- b. Go to the "Home" tab, click on "Conditional Formatting," and select the desired formatting rule.
- c. Use the "Format Painter" tool to copy formatting from another cell to the target cell.
- d. Use the "AutoFormat" feature to automatically apply formatting based on pre-defined rules.

4. Which of the following functions is used to count the number of cells in a range that meet specific criteria in Excel?

- a. COUNT
- b. COUNTIF
- c. SUM
- d. AVERAGE

5. How can you freeze panes in Excel?

- a. Go to the "View" tab, click on "Freeze Panes," and select the desired option.
- b. Use the "Split" feature to split the worksheet into multiple panes.
- c. Select the row or column below, or to the right of the cells you want to freeze, and then click on "Freeze Panes."
- d. Press Ctrl + F to open the "Freeze Panes" dialog box.

6. Which of the following Excel functions can be used to remove leading and trailing spaces from a text string?

- a. TRIM
- b. CLEAN
- c. UPPER
- d. LOWER

7. How can you create a drop-down list in Excel?

- a. Go to the "Data" tab, click on "Data Validation," and select "List" as the validation criteria.
- b. Use the "ComboBox" control from the "Developer" tab to create a drop-down list.
- c. Right-click on a cell, select "Format Cells," and choose "Drop-down List" as the data format.
- d. Type the options manually in a range of cells and use the "PICKLIST" function to create a drop-down list.

8. What is the purpose of the INDEX function in Excel?

- a. It returns the row number of a cell in a specified range.
- b. It returns the column number of a cell in a specified range.
- c. It returns the value of a cell at a specified row and column intersection.
- d. It returns the sum of values in a range that meets specific criteria.

9. How can you combine the contents of multiple cells into a single cell in Excel?

- a. Use the CONCATENATE function.
- b. Use the MERGE function.
- c. Use the CONCAT function.
- d. Use the JOIN function.

10. Which of the following is not a valid error type in Excel?

- a. #VALUE!
- b. #N/A
- c. #DIV/0!
- d. #ERR!

BRACT's
Vishwakarma College of Arts, Commerce and Science

2021-22

Advance Excel

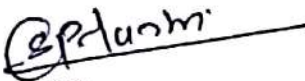
Marksheet

Sr. No	Student Name	Class	Marks
1	Aayush Abhay More	TYBCom	17
2	Abraham Sanith Kuruvilla	TYBCom	18
3	Agarwal Kaamyesh Manoj	TYBCom	16
4	Agarwal Priya Prakash	TYBCom	15
5	Akula Indira Ramulu	TYBCom	17
6	Alefiya Abdulla Husain	TYBCom	18
7	Ammar Ahmedabad	TYBCom	16
8	Badgujar Prathamesh Umesh	TYBCom	19
9	Bafna Raj Anand	TYBCom	15
10	Bangale Shrikant Anand	TYBCom	16
11	Baravkar Omkar Baban	TYBCom	18
12	Bhandari Nishant Sandeep	TYBCom	16
13	Bhikule Shital Dattatray	TYBCom	16
14	Bhondve Sarthak Vinay	TYBCom	17
15	Bhosale Prachi Prakash	TYBCom	18
16	Borate Ritesh Shrikant	TYBCom	15
17	Chavan Rohit Chetan	TYBCom	17
18	Chavan Rohit Shivaji	TYBCom	16
19	Chavan Sahil Vikas	TYBCom	15
20	Chawla Krishna Bhagwan	TYBCom	17
21	Choudhari Bharat Babulal	TYBCom	18
22	Choudhary Ashok Jagaram	TYBCom	20
23	Dangi Shreyas Sanjay	TYBCom	18
24	Dussal Rushikesh Sachin	TYBCom	16
25	Gadia Himanshu Chunital	TYBCom	15
26	Gaikwad Pallavi Yashwant	TYBCom	17
27	Gandhi Trishla Madanlal	TYBCom	17
28	Gohad Aishwary Prashant	TYBCom	18
29	Gote Priyanka Shankar	TYBCom	19
30	Gund Varad Vinod	TYBCom	14
31	Gundesha Anish Pravin	TYBCom	18
32	Gupta Tushar Narendra	TYBCom	17
33	Hulge Ganesh Babasaheb	TYBCom	16
34	Jadhav Gayatri Gokul	TYBCom	19
35	Jadhav Rituja Ravindra	TYBCom	15
36	Jagtap Kartiki Sambhaji	TYBCom	18
37	Jain Anish Khater	TYBCom	19
38	Jain Bhupendra Mahendra	TYBCom	18
39	Jamadar Aditya Narayan	TYBCom	17
40	Jangda Dhrishti Raviraj	TYBCom	17

41	Jangda Mehak Naresh	TYBCom	18
42	Jangid Balkrishna Hanuman	TYBCom	19
43	Jangid Subhash Ramkishor	TYBCom	14
44	Jannu Joystna Chandrashekhar	TYBCom	17
45	Jayesh Kabra	TYBCom	19
46	Jhavar Shireya Anil	TYBCom	16
47	Kalal Sweekar Raju	TYBCom	18
48	Kale Jay Subodh	TYBCom	15
49	Kamble Pallavi Milind	TYBCom	18
50	Kamble Pranjal Sunil	TYBCom	16
51	Kamthe Prithviraj Ravindra	TYBCom	17
52	Kamthe Sakshi Shashikant	TYBCom	18
53	Kanetiya Yash Gunvantbhai	TYBCom	15
54	Katke Sejal Sandeep	TYBCom	17
55	Khan Yusuf Ajmal	TYBCom	16
56	Khude Varshnavi Prafulla	TYBCom	19
57	Kshirsagar Shree Santosh	TYBCom	18
58	Lamba Khushi Jitendra	TYBCom	17
59	Lohokare Yash Rajan	TYBCom	18
60	Malik Pratham Sandeep	TYBCom	16
61	Mane Deepali Mahesh	TYBCom	15
62	Marut Safi Nadeem	TYBCom	18
63	Meghawat Rahul Ramesh	TYBCom	19
64	Mehta Siddhant Mukesh	TYBCom	16
65	Mehta Virtu Hemal	TYBCom	17
66	Mengji Vaishnavi Vinod	TYBCom	15
67	Mirajkar Sayam Sajid	TYBCom	16
68	Mishra Ambikaprasad Jayprakash	TYBCom	19
69	Mittal Sonali Jagmohan	TYBCom	14
70	Mohammed Motorwala	TYBCom	18
71	More Anurag Ajay	TYBCom	17
72	More Priyanka Sudam	TYBCom	17
73	More Sakshi Sanjay	TYBCom	16
74	More Tejas Ganesh	TYBCom	17
75	Nadar Rohit Venkatesh	TYBCom	17
76	Nadkar Mrunal Rahul	TYBCom	18
77	Nagpure Shweta Shrikant	TYBCom	19
78	Naik Roshan Ramakant	TYBCom	14
79	Nehulkar Tanaya Sandeep	TYBCom	17
80	Nittala Venkata Saiphanindra S	TYBCom	18
81	Oswal Akshata Deepak	TYBCom	15
82	Oswal Jinesh Sanjay	TYBCom	16
83	Ovhal Ritik Yuvraj	TYBCom	18
84	Patilankar Aboli Arvind	TYBCom	16
85	Paliwal Narmada Maniklal	TYBCom	18
86	Pansare Fizza Fakimohammed	TYBCom	16
87	Pareek Charu Ashok	TYBCom	19
88	Pasalakr Tanaya Arun	TYBCom	14
89	Patel Kishan Jitendra	TYBCom	18
90	Patel Krina Amrutlal	TYBCom	17
91	Patel Om Manish	TYBCom	18
92	Pathan Arif Aijj	TYBCom	17
93	Pathan Taskin Salimkhan	TYBCom	17
94	Pawar Aniket Vinod	TYBCom	16

95	Pawar Manisha Ganesh	TYBCom	19
96	Peerzada Adnan Shabbir	TYBCom	14
97	Pillai Arjun Ramesh	TYBCom	18
98	Potdar Bhagyashree Vinayak	TYBCom	17
99	Pratik Innani	TYBCom	18
100	Punjabi Sakshi Bharat	TYBCom	16
101	Rajbhar Umesh Salikram	TYBCom	18
102	Rajpurohit Rajesh Dalpatsingh	TYBCom	18
103	Rananawre Pragati Ganesh	TYBCom	17
104	Ranka Yashank Rajendra	TYBCom	16
105	Rathod Bhakti Vinod	TYBCom	15
106	Ratlamwala Mustafa Shabbir	TYBCom	17
107	Ritik Nagda	TYBCom	16
108	Salunkhe Abhishek Deepak	TYBCom	17
109	Sange Ayyan Daneyal	TYBCom	15
110	Sanghvi Shreyans Nitin	TYBCom	16
111	Shah Aryan Anut	TYBCom	19
112	Shah Atharv Kiran	TYBCom	14
113	Shah Chirag Nitin	TYBCom	18
114	Shah Khushi Kantilal	TYBCom	14
115	Shah Krishna Nitesh	TYBCom	18
116	Shah Manas Ashwin	TYBCom	17
117	Shah Mehek Sharad	TYBCom	19
118	Shah Sejal Nitant	TYBCom	16
119	Shahane Rasika Narayan	TYBCom	18
120	Shaikh Sohel Bakshu	TYBCom	18
121	Sharma Yash Kavita	TYBCom	17
122	Shelar Aashish Sunil	TYBCom	16
123	Shinde Avantika Bharat	TYBCom	15
124	Singh Saurabh Fulena	TYBCom	17
125	Sonar Ajay Chakra	TYBCom	16
126	Sudarshan Darak	TYBCom	15
127	Sukhwani Pankaj Roopkumar	TYBCom	19
128	Suthar Nitin Lunaram	TYBCom	16
129	Talekar Rohit Rukesh	TYBCom	16
130	Tanwar Riddhi Nareshsingh	TYBCom	17
131	Thakkar Aditya Sanjay	TYBCom	16
132	Thakkar Dheeraj Vijay	TYBCom	19
133	Thakkar Kejal Manoj	TYBCom	18
134	Thakkar Mihir Mukesh	TYBCom	17
135	Thakkar Nehal Mahesh	TYBCom	17
136	Thakkar Parth Vijay	TYBCom	14
137	Tikhe Prathamesh Manish	TYBCom	18
138	Tripathi Nikita Surendra	TYBCom	17
139	Umang Innani	TYBCom	19
140	Varma Gitanjali Subedar	TYBCom	16
141	Vasnani Gayatri Manoj	TYBCom	18
142	Vedanth Innani	TYBCom	16
143	Viram Dev Sirvi	TYBCom	19
144	Waghmode Karan Shivdas	TYBCom	15
145	Yadav Shraddha Vilas	TYBCom	17
146	Ghadge Pooja Sukhadev	TYBCom	16
147	Kalbhori Jay Rohidas	TYBCom	15
148	Khude Swati Sanjay	TYBCom	16
149	Sathe Omkar Suhas	TYBCom	18
150	Gosavi Rohit Rajugir	TYBCom	19
151	Dimble Pranav Nivrutti	TYBCom	16
152	Pangare Saurabh Rajendra	TYBCom	16
153	Raaj Ashok Magnani	TYBCom	17
154	Shriwas Vikas Harishchandra	TYBCom	17
155	Shriwas Rinku Tulsidas	TYBCom	18
156	Gosavi Tejas Santosh	TYBCom	16

157	Pandey Ankur Dharmendra	TYBCom	18
158	Pardeshi Shivam Baliram	TYBCom	16
159	Babji Abbas Abdeali	TYBCom	17
160	Aavush Abhay More	TYBCom	19
161	Abraham Sanith Kuruvilla	TYBCom	15
162	Agarwal Kaamyesh Manoj	TYBCom	16
163	Agarwal Priya Prakash	TYBCom	19
164	Akula Indira Ramulu	TYBCom	14
165	Alefiya Abdulla Husain	TYBCom	18
166	Ammar Ahmedabad	TYBCom	17
167	Badgujar Prathamesh Umesh	TYBCom	19
168	Bafna Raj Anand	TYBCom	16
169	Bangale Shrikant Anand	TYBCom	18
170	Baravkar Omkar Baban	TYBCom	16
171	Bhandari Nishant Sandeep	TYBCom	19
172	Bhikule Shital Dattatray	TYBCom	15
173	Aavush Abhay More	TYBCom	19
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185	Bhikule Shital Dattatray	TYBCom	17
186	Bhondve Sarthak Vinay	TYBCom	16
187	Bhosale Prachi Prakash	TYBCom	19
188	Borate Ritesh Shrikant	TYBCom	14
189	Chavan Rohit Chetan	TYBCom	17
190	Chavan Rohit Shivaji	TYBCom	14
191	Chavan Sahil Vikas	TYBCom	18
192	Chawla Krishna Bhagwan	TYBCom	17
193	Choudhari Bharat Babulal	TYBCom	18


HOD

Dr. Arun R. Patil
PRINCIPAL
Principal
Vishwakarma College of Arts
Commerce & Science
Kondhwa (Bk.), Pune - 411 048.

Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE

ADVANCED EXCEL

This certificate is presented to Mr./Ms. **Jayesh Kabra** of **TYBCom** for successfully completing **Advance Excel** of **30 hrs** duration from **2nd June 2021 to 18th June 2021**, for the Academic Year 2021-22, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel

Co-ordinator - IQAC

Dr. Shital P. Mantri

HOD - Commerce
Department

Prof. Sudhir D. Chitnis

HOD - Computer
Science Department

Dr. Arun R. Patil

Principal

B.R.A.C.T.'s
Vishwakarma College Of Arts, Commerce And Science
Kondhwa (Bk), Pune

Certificate Course in Communication Skill & Personality Development



**Develop yourself for
future endeavours**

Course Conducted

By

Pooja Somani

Starts From
1/06/21

For TYBBA
&
TYBBA(IB)



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 24/05/2021

Notice

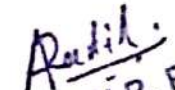
All students of TYBBA, TYBBA –IB are hereby informed that VCACS has organized value added course on “Certificate Course in Communication Skills and Personality Development” from 1/06/2021 to 15/06/2021 at 10.00 am to 12.00pm. Registration is mandatory for all. Link will be shared on group.

Venue: Google Meet

Platform: Online Mode


HOD

(Commerce)


DR. ARUN R. PATIL
PRINCIPAL
VISHWAKARMA COLLEGE OF ARTS
COMMERCER AND SCIENCE
Vishwa (Bk.), Pune-411 048

BRACT's
Vishwakarma College of Arts, Commerce and Science
Communication Skills & Personality Development
2021-22
Enrolled Student List

Sr No.	Student Name	Class
1	AGARWAL YASH NARESH	T.Y.B.B.A (IB)
2	AHMAD JAVED	T.Y.B.B.A (IB)
3	AMIN AQA	T.Y.B.B.A.(IB)
4	ANNAS KHAN	T.Y.B.B.A.(IB)
5	BHALSHANKAR ASHISH SHAMVUEL	T.Y.B.B.A (IB)
6	BHARRE NILAY SHAMSUNDER	T.Y.B.B.A (IB)
7	BHUBAL VEDHAS MAHESH	T.Y.B.B.A (IB)
8	CHAUDHARY TANMAY NANDESH	T.Y.B.B.A (IB)
9	DADHICH MAHAVIR BHAGWATIPRASAD	T.Y.B.B.A (IB)
10	DADU BURHANUDDIN SALIM	T.Y.B.B.A (IB)
11	DAVE HARDIK ARJUN	T.Y.B.B.A (IB)
12	FAROOQUI MARIYA AZHAR	T.Y.B.B.A (IB)
13	FAYAZ AHMAD	T.Y.B.B.A (IB)
14	GHORPADE RUTUJA SUNIL	T.Y.B.B.A (IB)
15	GIRME ARYAN ANIL	T.Y.B.B.A (IB)
16	GORE ASHLESHA UMESH	T.Y.B.B.A (IB)
17	GUGAD SARITA GANESH	T.Y.B.B.A (IB)
18	JAGTAP ADITI SUNIL	T.Y.B.B.A (IB)
19	JAIN AVI RAMESH	T.Y.B.B.A (IB)
20	JAIN RUSHABH KIRAN	T.Y.B.B.A (IB)
21	JALAN VEDANT AMIT	T.Y.B.B.A (IB)
22	JANI YOSHITA APOORVA	T.Y.B.B.A (IB)
23	KHAN IRFAN KARAMTULLAH	T.Y.B.B.A (IB)
24	KHAN MOHAMMED KAIF SAIFAN	T.Y.B.B.A (IB)
25	KHINVASARA CHIRAG DEVENDRA	T.Y.B.B.A (IB)
26	KOTHARI PARSHWA ANANDKUMAR	T.Y.B.B.A (IB)
27	KSHIRSAGAR SHREYAS SHASHIKANT	T.Y.B.B.A (IB)
28	KSHIRSAGAR YASH NITIN	T.Y.B.B.A (IB)
29	KUNAL TRIVEDI	T.Y.B.B.A (IB)
30	LADDHA ANSHITA SUNIL	T.Y.B.B.A (IB)
31	LELE SAMRUDDHI JITENDRA	T.Y.B.B.A (IB)
32	LODHA ISHIKA HITESH	T.Y.B.B.A (IB)
33	LUNAWAT HARSH RIKHAB	T.Y.B.B.A (IB)
34	MALI ARKAJ PRAVIN	T.Y.B.B.A (IB)
35	MANNEM ROHIT RATHNAIAH	T.Y.B.B.A (IB)
36	MEHTA USHABH RAJESH	T.Y.B.B.A (IB)
37	MOHAMMAD FAYEZ	T.Y.B.B.A (IB)
38	MOHAMMAD MANSOOR	T.Y.B.B.A (IB)
39	MOHAMMAD SAMEER	T.Y.B.B.A (IB)
40	MOMIN AMMAR ABDUSSATTAR	T.Y.B.B.A (IB)
41	NALAGE DIGVIJAY VILASRAO	T.Y.B.B.A (IB)
42	NIGADE ABHISHEK YOGESH	T.Y.B.B.A (IB)
43	OSWAL KUNIKA NITIN	T.Y.B.B.A (IB)
44	PAREKH NAMAN MAHAVIR	T.Y.B.B.A (IB)

45	PARMAR PRATHAM HITESH	T Y B B A (IB)
46	PATIL RIJUL PRAVIN	T Y B B A (IB)
47	PAWAR VAISHNAV VASANT	T Y B B A (IB)
48	PEYARI SANOWER	T Y B B A (IB)
49	PILLAI ABHISHEK SOMASHEKHARAN	T Y B B A (IB)
50	PILLAI VAISHNAVI VINUGOPAL	T Y B B A (IB)
51	PISI ROHIT SHAILESH	T Y B B A (IB)
52	PISI SIDHAANI ARUN	T Y B B A (IB)
53	PUGALIA RICHA HEEMANI	T Y B B A (IB)
54	RAKATI NIHA ANKUSH	T Y B B A (IB)
55	RANGDAL PRASAD DUTPAK	T Y B B A (IB)
56	RANGDAL RIHIKA DUTPAK	T Y B B A (IB)
57	RATHOD AKSHAD DHIIP	T Y B B A (IB)
58	SADAON	T Y B B A (IB)
59	SANGHVI HEENAL RAJESH	T Y B B A (IB)
60	SARAI NIYATI HARISH	T Y B B A (IB)
61	SAYED AH NASIR	T Y B B A (IB)
62	SAYYED MOHAMMED SAIF SAMEER	T Y B B A (IB)
63	SHAH BHUMI SANDEEP	T Y B B A (IB)
64	SHAH DHIRUVI KARTIK	T Y B B A (IB)
65	SHAH DISHANT NITESH	T Y B B A (IB)
66	SHAH HARSH DINESH	T Y B B A (IB)
67	SHAH SHREYANSH PRAKASH	T Y B B A (IB)
68	SHAIKH SHAHAB SHARIF ALAM	T Y B B A (IB)
69	SHAIKH SHIFA FAIYAZ	T Y B B A (IB)
70	SHARMA KAMANA GANPAT	T Y B B A (IB)
71	SHARMA MIHIR NICHHAND	T Y B B A (IB)
72	SHIVANI MAHESH PIMPLE	T Y B B A (IB)
73	SHUBHANKAR MINGANE	T Y B B A (IB)
74	SIRE EKTA RANJIT SINGH	T Y B B A (IB)
75	SOLANKI DHIRUV PRAVIN	T Y B B A (IB)
76	SONI VISHAL NARENDRA	T Y B B A (IB)
77	SUNNY KENNETH BERNARD	T Y B B A (IB)
78	TAWARE YASH GULAB	T Y B B A (IB)
79	TEJWANI PRATHNA RAJESH	T Y B B A (IB)
80	THAKKAR ISHA MANOJKUMAR	T Y B B A (IB)
81	THAKKAR PARTI JAYESH	T Y B B A (IB)
82	THAKKAR PRANJAL PRAKASH	T Y B B A (IB)
83	UMAIR NABIL KHAN	T Y B B A (IB)
84	VYAS HARSH RISHIKESH	T Y B B A (IB)
85	WADKAR RIYA RAVINDRA	T Y B B A (IB)
86	WANVE ISHA YOGESH	T Y B B A (IB)
87	YELAVANDE PRADNYA YUVRAJ	T Y B B A (IB)
88	SHAIKH OMAR FARHAN KARIM	T Y B B A (IB)
89	SONI DEVENDRA RAMESHWAR	T Y B B A (IB)
90	RAWAL HARSH ISHWAR	T Y B B A (IB)
91	BHARGAV SUNITA BHAGWANARAM	T Y B B A (IB)
92	GAIKWAD NIDHI AJAY	T Y B B A (IB)
93	ADAPAWAR PARITOSH PRASHANT	T Y B B A
94	AGARWAL SANSKAR BHOLENATH	T Y B B A
95	ALAM ABDUL HAI	T Y B B A
96	ANSARI SHOAB SALIM	T Y B B A

97	ARJUN KAMLESH DASHRATH	T.Y.B.B.A.
98	BAFNA DARSHAN AJIT	T.Y.B.B.A.
99	BAMB HARDIK ASHIT	T.Y.B.B.A.
100	BAMBOLI PAKSHAL NAREDNRA	T.Y.B.B.A.
101	BHAGAT MEET JAGDISH	T.Y.B.B.A.
102	BHOSALE AKSHAY RAJENDRA	T.Y.B.B.A.
103	CHANDAN JEET TRIBHUVAN	T.Y.B.B.A.
104	CHANDAN UPENDRA YOGESH	T.Y.B.B.A.
105	CHHORIYA BHUSHAN DILIP	T.Y.B.B.A.
106	CHOUDHARY PRAKASH BHANARAM	T.Y.B.B.A.
107	DADU HAFIM SALIM	T.Y.B.B.A.
108	DANIEL NIKITA WILSON	T.Y.B.B.A.
109	DARDA AAKASH RAJESH	T.Y.B.B.A.
110	DESIIMUKH SHAILENDRA KESHAV	T.Y.B.B.A.
111	DUBEY ATUL SANTOSH	T.Y.B.B.A.
112	DUGAD HRITHIK SANTOSH	T.Y.B.B.A.
113	DUSAD YASH ONKAR	T.Y.B.B.A.
114	FARID	T.Y.B.B.A.
115	GADKARI SHIVANI SHANKAR	T.Y.B.B.A.
116	GUNAJI VAISHNAVI VALLABH	T.Y.B.B.A.
117	GUNDECHA AISIWARYA VIRENDRA	T.Y.B.B.A.
118	GUPTA TEJAS NARENDRA	T.Y.B.B.A.
119	HIKMATULLAH	T.Y.B.B.A.
120	JADHAV SAURABH DILIP	T.Y.B.B.A.
121	JADHAV SNEHAL SANTOSH	T.Y.B.B.A.
122	JAIN AYUSHI YOGESH	T.Y.B.B.A.
123	JAIN SHAKSHI JAYANTILAL	T.Y.B.B.A.
124	JAISWAL ANUJ SHARDAPRASAD	T.Y.B.B.A.

125	JAMBIHUKAR SEJAL SANJAY	TYBBA
126	KALE TANAYA SUNIL	TYBBA
127	KHAN KUDUSIYA NADIR	TYBBA
128	KHAN MOHID NOOMAN JABBAR	TYBBA
129	KHATRI FARHAN ABDULKADAR	TYBBA
130	LAKHIWANI JAYI SH DEE PAK	TYBBA
131	MAGAR VAISHNAVI RAJESH	TYBBA
132	MANZOOR AHMAD	TYBBA
133	MASAL SHIRUTI PRAKASH	TYBBA
134	MASAL AWALA ABDUL QADER TAHERALI	TYBBA
135	MEHTA JAINAM NARESH	TYBBA
136	MEHTA KUNAL RAJESH	TYBBA
137	MEMON ABUOBED MOHAMMAD HANIF	TYBBA
138	MISAL SAKSHI VILAS	TYBBA
139	MOHAMMAD MUSTAFA IBRAHIMI	TYBBA
140	MORE PRANAV VIJAY	TYBBA
141	MULLA AMIRA ALTAJ	TYBBA
142	NAHAR SAACHI DINESH	TYBBA
143	OSWAL JAINAM HARISH	TYBBA
144	OSWAL VIDHI JINDRA	TYBBA
145	PANBUDE AKSHAY SHRAVAN	TYBBA
146	PATEL PARTI PRASHANT	TYBBA
147	PATIL PANKAJ HARILAL	TYBBA
148	POTTE YADURAJ GAUTAM	TYBBA
149	RAHUL SATISH DASHWANT	TYBBA
150	RAO ANURAG SHRINIVAS	TYBBA
151	RASANE ADITYA VIJAY	TYBBA
152	RATHI CHIRAG RAJESH	TYBBA
153	RATHOD ADITYA JAVIER	TYBBA
154	RATHOD ANAND JAVIER	TYBBA
155	RATHOD DIVESH SANJAY	TYBBA
156	SALUNKHE VISHWARAJ VINAYAK	TYBBA
157	SANKALA PALLAVI KISHOR	TYBBA
158	SAYED ARIF SADAT	TYBBA
159	SAYED DIDAR SADAT	TYBBA
160	SAYYED SALEEM ALI	TYBBA
161	SHAH AAYUSH RAKESH	TYBBA
162	SHAH HARSH BHAVESH	TYBBA
163	SHARMA PRFETESH YOGESH	TYBBA
164	SHARMA SACHIN DHARAMVIR	TYBBA
165	SONI VIDHI PRAVIN	TYBBA
166	SURANA DIIRUV MAHESH	TYBBA
167	VICTOR SAKSHI JOSEPH	TYBBA
168	VIDHATE VAIBHAV SANTOSH	TYBBA
169	WADKAR OM GANESH	TYBBA
170	YEWANDGE MANASI NAGESH	TYBBA
171	KAWALE SUMEDH SUBHASH	TYBBA
172	SHAH YASH MANISH	TYBBA
173	SULAIMAN ASLAMI	TYBBA
174	MASIHULLAH RAHIMI	TYBBA
175	HATOLKAR DEVESH DHANANJAY	TYBBA
176	GADADE ANUSHKA MANOJ	TYBBA
177	SHINDE TUSHAR ANIL	TYBBA
178	TARAWADE OM KISHOR	TYBBA
179	BAGWAN SANIYA PARVEZ	TYBBA
180	BORANA POOJA MANISH	TYBBA
181	TUPE RUTVIK BAPU	TYBBA
182	TUPE SIDDHANT SACHIN	TYBBA
183	THAKUR AMAN RAKESH	TYBBA
184	AHMAD ZUBAIR	TYBBA
185	PATEL ARMAANRAZA TANVEER	TYBBA



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Kondhwa (Bk.), Pune - 411 048.

BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

Add On Course for TY BBA & TY BBA-IB (Sem V)

CERTIFICATE COURSE IN COMMUNICATION

SKILLS & PERSONALITY DEVELOPMENT

Course Objectives:

- To understand the concept, process and importance of communication.
- To gain knowledge of media of communication.
- To develop skills of effective communication both written and oral.
- To help students to acquaint themselves with application of communication skills in the world of business.

Duration of the Program:

Certificate course in communication skills and personality development is a 15 days program for 30 hours of lectures.

Course Content:

Unit no.	Unit Title	Contents	Teaching Hours
1	Personality	<ul style="list-style-type: none">• Definition• Elements of Personality• Determinants of Personality	6 Hours
2	Personal Grooming	<ul style="list-style-type: none">• Personal Hygiene• Social Effectiveness• Business Etiquettes (Power Dressing)	6 Hours

3	Body Language	<ul style="list-style-type: none"> • Types of Body Language • Functions of Body Language • Role of Body Language 	6 Hours
4	Art of Good Communication	<ul style="list-style-type: none"> • Meaning • Verbal & Non-Verbal Communication • Difference between Oral and Written Communication • 7Cs of Effective Communication • Significance of Effective Communication 	6 Hours
5	Interview Preparation	<ul style="list-style-type: none"> • Introduction • How to write a resume? • Dress Code • Mock-Interview • Key to get Success in an Interview 	6 Hours

Expected Outcome:

1. Ability to understand the implication of effective communication.
2. To create appropriate understanding of written communication in life.
3. To build student proficient for different purpose for different organization

For P.S. Jadhav



174	HATOLKAR DINESH DHANANJAY	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
176	GAUDE ANJANA MANOJ	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
177	SHINDE TUSHAR ANIL	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
178	TARAWADE DM KISHOR	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
179	BALWAN SANJAY PARVEZ	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
180	BORANA POOJA MANISH	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
181	FULE RITVIK RAJU	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
182	FURE SIDDHANT SACHIN	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
183	THAKUR AMAN RAJESH	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
184	AJINAD ZUBAIR	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
185	PATEL ARVINDRAJ TANVEER	T Y B B A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRACT's

Vishwakarma College of Art, Commerce and Science

Communication skills and Personality development

Time- 30 Mins

Marks- 20

- 1. The oldest form of communication is**
 - a. Writing
 - b. Speech
 - c. Reading
 - d. Symbolic
- 2. Communication is basically**
 - a. Talking
 - b. Writing
 - c. Signaling
 - d. All of the above
- 3. A good command over Is need of speech**
 - a. Practice
 - b. Language
 - c. Gesture
 - d. Activity
- 4. A is communication between multiple people**
 - a. Conversation
 - b. Dialogue
 - c. Speech
 - d. Play
- 5. Which of the following is not the communication barrier**
 - a. Linguistic barrier
 - b. Interpersonal barrier
 - c. Financial barrier
 - d. Organizational barrier
- 6. Which of the following is not the part of communication cycle**
 - a. Channel
 - b. Receiver
 - c. Sender

d. Time

7. The word **communicare** means in Latin

a. To deliver

b. To Share

c. To present

d. To sacrifice

8. What is the final step in communication cycle

a. Encoding

b. Decoding

c. Feedback

d. Receiving

9. Which of the following is not the characteristic of personality

a. Personality is self conscious

b. Personality is the product of heredity only

c. Personality is always striving of certain ends

d. Personality is continuously adjusting itself to environment

10. is set of actions of a person

a. Event

b. Value

c. Criteria

d. Role

BRACT's
Vishwakarma College of Arts, Commerce and Science
Communication Skills & Personality Development
2021-22
Marksheet

Sr No.	Student Name	Class	Marks
1	AGARWAL YASH NARESH	T.Y.B.B.A.(IB)	13
2	AHMAD JAVED	T.Y.B.B.A.(IB)	16
3	AMIN AQA	T.Y.B.B.A.(IB)	18
4	ANNAS KHAN	T.Y.B.B.A.(IB)	15
5	BHALSHANKAR ASHISH SHAMVUEL	T.Y.B.B.A.(IB)	16
6	BHARRE NILAY SHAMSUNDER	T.Y.B.B.A.(IB)	17
7	BHUJBAL VEDHAS MAHESH	T.Y.B.B.A.(IB)	19
8	CHAUDHARY TANMAY NANDESH	T.Y.B.B.A.(IB)	14
9	DADHICH MAHAVIR	T.Y.B.B.A.(IB)	17
10	DADU BURHANUDDIN SALIM	T.Y.B.B.A.(IB)	18
11	DAVE HARDIK ARJUN	T.Y.B.B.A.(IB)	16
12	FAROOQUI MARIYA AZHAR	T.Y.B.B.A.(IB)	17
13	FAYAZ AHMAD	T.Y.B.B.A.(IB)	15
14	GHORPADE RUTUJA SUNIL	T.Y.B.B.A.(IB)	14
15	GIRME ARYAN ANIL	T.Y.B.B.A.(IB)	19
16	GORE ASHLESHA UMESH	T.Y.B.B.A.(IB)	19
17	GUGAD SARITA GANESH	T.Y.B.B.A.(IB)	16
18	JAGTAP ADITI SUNIL	T.Y.B.B.A.(IB)	17
19	JAIN AVI RAMESH	T.Y.B.B.A.(IB)	15
20	JAIN RUSHABH KIRAN	T.Y.B.B.A.(IB)	16
21	JALAN VEDANT AMIT	T.Y.B.B.A.(IB)	19
22	JANI YOSHITA APOORVA	T.Y.B.B.A.(IB)	14
23	KHAN IRFAN KARAMTULLAH	T.Y.B.B.A.(IB)	18
24	KHAN MOHAMMED KAIF SAIFAN	T.Y.B.B.A.(IB)	17
25	KHINVASARA CHIRAG DEVENDRA	T.Y.B.B.A.(IB)	16
26	KOTHARI PARSHWA ANANDKUMAR	T.Y.B.B.A.(IB)	19
27	KSHIRSAGAR SHREYAS SHASHIKANT	T.Y.B.B.A.(IB)	15
28	KSHIRSAGAR YASH NITIN	T.Y.B.B.A.(IB)	16
29	KUNAL TRIVEDI	T.Y.B.B.A.(IB)	18
30	LADDHA ANSHITA SUNIL	T.Y.B.B.A.(IB)	18
31	LELE SAMRUDDHI JITENDRA	T.Y.B.B.A.(IB)	17
32	LODHA ISHIKA HITESH	T.Y.B.B.A.(IB)	18
33	LUNAWAT HARSH RIKHAB	T.Y.B.B.A.(IB)	18
34	MALI ARKAJ PRAVIN	T.Y.B.B.A.(IB)	15
35	MANNEM ROHIT RATHNAIAH	T.Y.B.B.A.(IB)	17

36	MEHTA USHABH RAJESH	T.Y.B.B.A.(IB)	17
37	MOHAMMAD FAYEZ	T.Y.B.B.A.(IB)	18
38	MOHAMMAD MANSOOR	T.Y.B.B.A.(IB)	19
39	MOHAMMAD SAMEER	T.Y.B.B.A.(IB)	14
40	MOMIN AMMAR ABDUSSATTAR	T.Y.B.B.A.(IB)	17
41	NALAGE DIGVIJAY VILASRAO	T.Y.B.B.A.(IB)	18
42	NIGADE ABHISHEK YOGESH	T.Y.B.B.A.(IB)	17
43	OSWAL KUNIKA NITIN	T.Y.B.B.A.(IB)	19
44	PAREKH NAMAN MAHAVIR	T.Y.B.B.A.(IB)	17
45	PARMAR PRATHAM HITESH	T.Y.B.B.A.(IB)	13
46	PATIL RIJUL PRAVIN	T.Y.B.B.A.(IB)	17
47	PAWAR VAISHNAV VASANT	T.Y.B.B.A.(IB)	18
48	PEYARI SANOWER	T.Y.B.B.A.(IB)	16
49	PILLAI ABHISHEK SOMASHEKHARAN	T.Y.B.B.A.(IB)	17
50	PILLAI VAISHNAVI VENUGOPAL	T.Y.B.B.A.(IB)	19
51	PISE ROHIT SHAIKESH	T.Y.B.B.A.(IB)	15
52	PISE SIDHAANT ARUN	T.Y.B.B.A.(IB)	16
53	PUGALIA RICHA HEMANT	T.Y.B.B.A.(IB)	19
54	RAKATE NEHA ANKUSH	T.Y.B.B.A.(IB)	14
55	RANGDAL PRASAD DEEPAK	T.Y.B.B.A.(IB)	18
56	RANGDAL RITIKA DEEPAK	T.Y.B.B.A.(IB)	17
57	RATHOD AKSHAD DILIP	T.Y.B.B.A.(IB)	19
58	SABAON	T.Y.B.B.A.(IB)	16
59	SANGHVI HEENAL RAJESH	T.Y.B.B.A.(IB)	18
60	SARAF NIYATI HARISH	T.Y.B.B.A.(IB)	18
61	SAYED ATIF NASIR	T.Y.B.B.A.(IB)	17
62	SAYYED MOHAMMED SAIF SAMEER	T.Y.B.B.A.(IB)	16
63	SHAH BHUMI SANDEEP	T.Y.B.B.A.(IB)	15
64	SHAH DHIRUVI KARTIK	T.Y.B.B.A.(IB)	17
65	SHAH DISHANT NITESH	T.Y.B.B.A.(IB)	18
66	SHAH HARSH DINESH	T.Y.B.B.A.(IB)	19
67	SHAH SHREYANSH PRAKASH	T.Y.B.B.A.(IB)	16
68	SHAIKH SHAHAB SHARFEY ALAM	T.Y.B.B.A.(IB)	16
69	SHAIKH SHIFA FAIYAZ	T.Y.B.B.A.(IB)	18

70	SHARMA KAMANA GANPAT	TY BBA (IB)	15
71	SHARMA MIHIR NEMBUJHAND	TY BBA (IB)	16
72	SHIVANI MAHESH PIMPLE	TY BBA (IB)	17
73	SHEKHANKAR MINGANE	TY BBA (IB)	17
74	SIREKTA RANJIT SINGH	TY BBA (IB)	18
75	SOLANKI DHIRU V PRAVIN	TY BBA (IB)	16
76	SONI VISHAL NARENDRA	TY BBA (IB)	15
77	SUNNY KENNETH BERNARD	TY BBA (IB)	17
78	TAWARI YASH GUJAR	TY BBA (IB)	18
79	TEJWANI PRATHNA RAJESH	TY BBA (IB)	17
80	THAKKAR ISHA MANOJ KUMAR	TY BBA (IB)	19
81	THAKKAR PARTH JAYESH	TY BBA (IB)	16
82	THAKKAR PRANJAL PRAKASH	TY BBA (IB)	16
83	UMAIR NAHIL KHAN	TY BBA (IB)	18
84	VYAS HARSH RISHIKESH	TY BBA (IB)	19
85	WADKAR RIYA RAVINDRA	TY BBA (IB)	19
86	WANVE ISHA YOGESH	TY BBA (IB)	16
87	VELAVANDE PRADNYA YUVAJ	TY BBA (IB)	17
88	SHAIKH OMAR FARHAN KARIM	TY BBA (IB)	19
89	SONI DEVENDRA RAMESHWAR	TY BBA (IB)	16
90	RAWAL HARSH ISHWAR	TY BBA (IB)	19
91	BHARGAV SUNITA BHAGWANARAM	TY BBA (IB)	18
92	GAIKWAD NIDHI AJAY	TY BBA (IB)	18
93	ADAPAWAR PARITOSH PRASHANT	TY BBA	17
94	AGARWAL SANSEKAR BHOLI NATH	TY BBA	18
95	ALAM ABDUL HAI	TY BBA	15
96	ANSARI SHOAB SALIM	TY BBA	17
97	ARJUN KAMLESH DASHRATH	TY BBA	18
98	BAJNA DARSHAN AJI	TY BBA	20
99	BAMB HARIK ASHI	TY BBA	18
100	BAMBHOLI PAKSHAI NARIDNRA	TY BBA	17
101	BHAGAT MITI JAGDISH	TY BBA	18
102	BHOSALE AKSHAY RAHENDRA	TY BBA	19
103	CHANDAN DEE TRIBHUVAN	TY BBA	18
104	CHANDAN I PENDRA YOGESH	TY BBA	17
105	CHHORIYA BHUSHAN DILIP	TY BBA	18
106	CHHODHARY PRAKASH BHANARAM	TY BBA	16
107	DADU HATIM SALIM	TY BBA	16

108	DANIEL NIKITA WILSON	T.Y.B.B.A.	17
109	DARDA AAKASH RAJESH	T.Y.B.B.A.	18
110	DESHMUKH SHAHENDRA KESHAV	T.Y.B.B.A.	15
111	DUBEY AJUL SANTOSH	T.Y.B.B.A.	17
112	DUGAD HRITHIK SANTOSH	T.Y.B.B.A.	16
113	DUSAD YASHIONKAR	T.Y.B.B.A.	17
114	FARID	T.Y.B.B.A.	16
115	GADKARI SHIVANI SHANKAR	T.Y.B.B.A.	19
116	GUNAJI VAISHNAVI VALLABH	T.Y.B.B.A.	15
117	GUNDECHA AISHWARYA VIRENDRA	T.Y.B.B.A.	18
118	GUPTA TEJAS NARENDRA	T.Y.B.B.A.	18
119	HIKMATULLAH	T.Y.B.B.A.	15
120	JADHAV SAURABH DILIP	T.Y.B.B.A.	17
121	JADHAV SNEHAL SANTOSH	T.Y.B.B.A.	17
122	JAIN AYUSH YOGI SH	T.Y.B.B.A.	18
123	JAIN SHAKSHI JAYANTILAL	T.Y.B.B.A.	13
124	JAISWAL ANUJ SHARDAPRASAD	T.Y.B.B.A.	16
125	JAMBHULKAR SEJAL SANJAY	T.Y.B.B.A.	18
126	KALE TANAYA SUNIL	T.Y.B.B.A.	15
127	KHAN KUDUSIYA NADIR	T.Y.B.B.A.	18
128	KHAN MOHD NOOMAN JABBAR	T.Y.B.B.A.	18
129	KHATRI ARIHAN ABDULKADAR	T.Y.B.B.A.	16
130	LAKHWANI JAYESH DEEPAK	T.Y.B.B.A.	18
131	MAGAR VAISHNAVI RAJESH	T.Y.B.B.A.	16
132	MANZOOR AHMAD	T.Y.B.B.A.	18
133	MASAL SHRUTI PRAKASH	T.Y.B.B.A.	19
134	MASALAWALA ABDUL QADER TAHERALI	T.Y.B.B.A.	16
135	MEHTA JAINAM NARESH	T.Y.B.B.A.	16
136	MEHTA KUNAL RAJESH	T.Y.B.B.A.	15
137	MEMON ABUOBED MOHAMMAD HANIF	T.Y.B.B.A.	17
138	MISAL SAKSHI VILAS	T.Y.B.B.A.	18
139	MOHAMMAD MUSTAFA IBRAHIMI	T.Y.B.B.A.	16
140	MORE PRANAV VIJAY	T.Y.B.B.A.	19
141	MULLA AMIRA ALI AF	T.Y.B.B.A.	15
142	NAHAR SAACHI DINESH	T.Y.B.B.A.	18
143	OSWAL JAINAM HARISH	T.Y.B.B.A.	17
144	OSWAL VIDHI JITENDRA	T.Y.B.B.A.	16
145	PANBUDE AKSHAY SHRAVAN	T.Y.B.B.A.	17
146	PATEL PARTH PRASHANT	T.Y.B.B.A.	18
147	PATIL PANKAJ HARILAL	T.Y.B.B.A.	16
148	POTE YADURAJ GAUTAM	T.Y.B.B.A.	15
149	RAHUL SATISH DASHWANT	T.Y.B.B.A.	19
150	RAO ANURAG SHRINIVAS	T.Y.B.B.A.	16
151	RASANE ADITYA VIJAY	T.Y.B.B.A.	16
152	RATHI CHIRAG RAJESH	T.Y.B.B.A.	18
153	RATHOD ADITYA JAVER	T.Y.B.B.A.	17
154	RATHOD ANAND JAVER	T.Y.B.B.A.	18
155	RATHOD DIVESH SANJAY	T.Y.B.B.A.	15
156	SALUNKHE VISHWARAJ VINAYAK	T.Y.B.B.A.	17
157	SANKALA PALLAVI KISHOR	T.Y.B.B.A.	18
158	SAYED ARIF SADAT	T.Y.B.B.A.	19

159	SAYED DIDAR SADAT	TYBBA.	17
160	SAYYED SALEEM ALI	TYBBA.	13
161	SHAH AAYU SHI RAKESH	TYBBA.	15
162	SHAH HARSH BHAVESH	TYBBA.	17
163	SHARMA PRIETI SHI YOGESH	TYBBA.	18
164	SHARMA SACHIN DHARAMVIR	TYBBA.	20
165	SONI VIDHI PRAVIN	TYBBA.	18
166	SURANA DHIRUV MAHESH	TYBBA.	13
167	VICTOR SAKSHI JOSEPH	TYBBA.	18
168	VIDHATE VAIBHAV SANTOSH	TYBBA.	16
169	WADKAR OMI GANESH	TYBBA.	15
170	YEWANDGE MANASI NAGESH	TYBBA.	18
171	KAWATE SUMEDHI SUBHASH	TYBBA.	16
172	SHAH YASHI MANISH	TYBBA.	17
173	SULAIMAN ASLAM	TYBBA.	16
174	MASHI ULLAH RAHIMI	TYBBA.	16
175	HATOLKAR DIVISHI DHANANJAY	TYBBA.	18
176	GADADE ANUSHKA MANOJ	TYBBA.	19
177	SHINDE TUSHAR ANIL	TYBBA.	15
178	TARAWADE OMI KISHOR	TYBBA.	17
179	BAGWAN SANIYA PARVEZ	TYBBA.	18
180	BORANA POOJA MANISH	TYBBA.	20
181	TUPE RUTVIK BAPU	TYBBA.	17
182	TUPE SIDDHANT SACHIN	TYBBA.	18
183	THAKUR AMAN RAKESH	TYBBA.	15
184	AHMAD ZUBAIR	TYBBA.	17
185	PATEL ARMAANRAZA TANVIR	TYBBA.	15

spdanm

HOD

Dr. Arun R. Patil
PRINCIPAL

Vishwakarma College of Arts
Commerce & Science
Kondhwa (Bk.), Pune - 411 048.



Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE
COMMUNICATION SKILLS AND
PERSONALITY DEVELOPMENT

This certificate is presented to Mr./Ms. **[Student_name]** of **TYBBA** for successfully completing **Communication Skills and Personality Development** of **30 hrs** duration from **1st June 2021 to 15th June 2021**, for the Academic Year 2021-22, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal

Bansibal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

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VCACS



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MASTER THE ART OF BIG DATA!!

PROF. PRAJAKTA PATIL

4th October 2021

10:00 AM



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCE, AND SCIENCE,
PUNE**

Date: 27/09/2021

Notice

All students TYBSC (CS) .SYBSC are hereby informed that VCACS has organized value added course on Value Added Course on " Hands on NOSQL Database" from 04/10/21 to 26/10/21 at 2.00 pm to 4.00pm. Attendance is mandatory for all.

Registration link is shared in the group.

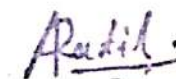
Registration is mandatory.

Venue: Google Meet

Platform: Online Mode


HOD

(Science)


DR. ARUN R. PATIL
Principal
VISHWAKARMA COLLEGE OF ARTS
COMMERCE AND SCIENCE
Vishwa (Bk), Pune

BRACT's
Vishwakarma College of Arts, Commerce and Science
HANDS on NOSQL
2021-22
Enrolled Student List

Sr No.	Student Name	Class
1	ABHIJIT BHAGWAN PILANE	TYBSc(CS)
2	ADHAV VAIBHAV GAJENDRA	TYBSc(CS)
3	AHMAD SAMIM	TYBSc(CS)
4	ALLAM SAURAV RAJESH	TYBSc(CS)
5	AMRITHA SIVA PRASAD	TYBSc(CS)
6	ANGIDIKAR PRATHAM SOMNATH	TYBSc(CS)
7	ARE RUTUJA ARUN	TYBSc(CS)
8	ATAR ALFIYAH KAUSAR SAMEER	TYBSc(CS)
9	BATABYAL SOUMYAJIT SUDIP	TYBSc(CS)
10	BHAGAT SAGAR GOVINDRAI	TYBSc(CS)
11	BHALERAO GANESH DILIP	TYBSc(CS)
12	BHONDWE SAKSHI BHUPENDRA	TYBSc(CS)
13	BHORADE PRIYANKA RAVINDRA	TYBSc(CS)
14	BHOSALE ADITYA SANJAY	TYBSc(CS)
15	BHOSALE KUNAL DATTATRAY	TYBSc(CS)
16	BIRADAR SUNITA BALU	TYBSc(CS)
17	BORA BHAVESH RAVINDRA	TYBSc(CS)
18	CHANDEL SHASHWAT SHIVPRATAP	TYBSc(CS)
19	CHATLA KOMAL PRASHANT	TYBSc(CS)
20	CHAUDHARI DARSHAN RAVINDRA	TYBSc(CS)
21	CHAVAN ANIKET BALASAHEB	TYBSc(CS)
22	CHAVAN BHUSHAN PRAKASH	TYBSc(CS)
23	CHAVAN NEHA TANAJI	TYBSc(CS)
24	CHAVAN PRAJAKTA PRATAP	TYBSc(CS)
25	CHAVAN PRATIKSHA SUNIL	TYBSc(CS)
26	CHAVAN ROHIT RAJENDRA	TYBSc(CS)
27	CHOUDHARI ANUSHIKA VIJAY	TYBSc(CS)
28	CHOUDHARI PRANIL ANIL	TYBSc(CS)
29	CHOUDHARY NEELAM SOBARAM	TYBSc(CS)
30	DAHIWAL DHIRAJ GANESHRAO	TYBSc(CS)
31	DAIMIWAL TASMAY GHANSHYAM	TYBSc(CS)
32	DALVI NAMRATA RAJU	TYBSc(CS)
33	DANI SEJAL VIJAY	TYBSc(CS)
34	DESHMUKH PRATHAMESH KISHOR	TYBSc(CS)
35	DHIMATE PRACHI PRAMOD	TYBSc(CS)
36	DHONGADI AVENDRA RAHUL	TYBSc(CS)
37	DIKONDA ANIKET BHASKAR	TYBSc(CS)

38	DIXIT DEVYANI SHAILENDRA	TYBSc(CS)
39	DURGADE SAKSHI RAMRAO	TYBSc(CS)
40	GADE SAYALI GANESH	TYBSc(CS)
41	GADEWAR LAV VIVEK	TYBSc(CS)
42	GAIKWAD CHAITANYA SANTOSH	TYBSc(CS)
43	GAIKWAD VISHAL DASHRATHI	TYBSc(CS)
44	GOLAMBADE RITIK MOHAN	TYBSc(CS)
45	GURAV SHRADDHA GANESH	TYBSc(CS)
46	HARNEKAR ASAD NURUL AMIN	TYBSc(CS)
47	JADHAV MANASI SHRI EDHAR	TYBSc(CS)
48	JADHAV OMKAR SATISH	TYBSc(CS)
49	JADHAV SAYEE SANTOSH	TYBSc(CS)
50	JAGDALE PUSHKAR UMESH	TYBSc(CS)
51	JAGDHANE ABHISHIK HARI	TYBSc(CS)
52	JAGTAP AAKASH SATISH	TYBSc(CS)
53	JAGTAP ATHARVA RAHUL	TYBSc(CS)
54	JAGTAP YASH ASHOK	TYBSc(CS)
55	JAMADAR RIYANA RASHID	TYBSc(CS)
56	JANHAVI NIMJE	TYBSc(CS)
57	JOSHI NEERAJ SANJAYKUMAR	TYBSc(CS)
58	KADAM MAYUR DILIP	TYBSc(CS)
59	KADAM SHUBHAM SHANKAR	TYBSc(CS)
60	KALAL GAYATRI HANUMANT	TYBSc(CS)
61	KANJARIYA BEENA HANSRAJ	TYBSc(CS)
62	KANKAR TE MANSI CHANDRAKANT	TYBSc(CS)
63	KANOJIA ASHISH RAJENDRA	TYBSc(CS)
64	KARNIK ATHARVA ASHISH	TYBSc(CS)
65	KATARIYA SEJAL PRAVIN	TYBSc(CS)
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261	VERMA RADHIKA SHYAMDHAR	SYBSc(CS)
262	VISHWAKARMA NEERAJ RAMAJOR	SYBSc(CS)
263	VISHWAMITRE GAJANAN RAGHAVENDRA	SYBSc(CS)
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273	KAPSE DNYANESHWAR VITTHAL	SYBSc(CS)
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BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Science

Value Added Course for TY BSC (CS) & SY BSC (Sem V & III)

"Hands on NOSQL DataBase"

Course Objectives:

- To address specific technical needs.
- To provide high throughput, fault-tolerant horizontally scalable simple data storage and retrieval with a bare minimum of additional functionality.

Duration of the Program:

Certificate course Certificate Course in Hands on NOSQL DataBase is a 15 days program for 30 hours of lectures.

Course Content:

Unit no.	Unit Title	Contents	Teaching Hours
1	An Overview of NoSQL	<ul style="list-style-type: none">• Review of the Relational Model• ACID Properties• Consistency• The CAP Theorem• NoSQL Data Models	6 Hours

2	HDFS	<ul style="list-style-type: none"> • Overview of HDFS • HDFS Deployment • Core HDFS Services • Federated and High Availability HDFS 	6 Hours
3	HBase	<ul style="list-style-type: none"> • Configuring HBase • Data Model: Conceptual and Physical Views • Data Model Operations • Architecture Overview • HBase Shell 	6 Hours
4	Neo4j	<ul style="list-style-type: none"> • Overview of Graph Theory • The Graph Data Model • Graph Database Use Cases • Neo4j Design: Standalone and Cluster • Querying as Graph Traversal 	6 Hours
5	Redis	<ul style="list-style-type: none"> • The Key-Value Data Model • Key Space Notifications • Bulk Data Loading • Transactions 	6 Hours

Expected Outcome:

- Define, compare and use the four types of NoSQL
- Explain the detailed architecture, define objects, query data and performance tune Document-oriented NoSQL databases.
- Demonstrate an understanding of the detailed architecture, load data, query data and performance tune Key-Value Pair NoSQL databases.
- Evaluate NoSQL database development tools and programming languages.




254	SONDKAR VIGHNE SHIVILAS	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
255	SWAMI ABHAY SURYAKANT	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
256	TAKAWALE TANMAY HANUMANT	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
257	TANAWADE SHI FALI SANTOSH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
258	TELGU PRATHAMESH KRISHINA	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
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260	VERMA JYOTIRAMDEV	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
261	VERMA RADHIKA SHYAMDHAR	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
262	VISHWAKARMA NEERAJ RAMAJOR	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
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264	WAGH SHUBHAM SURESH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
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267	YEMUL ISHAN SUDARSHAN	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
268	VANVE APEKSHA KUMAR	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
269	KHEDKAR CHAITANYA BAJIRAO	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
270	JADHAV YASH NILESH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
271	URSAL ROHIT BHANUDAS	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
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273	KAPSE DNYANE SHWAR VIJITHAL	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
274	TIPLI ALPESH RAJENDRA	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
275	RENUSE SAHIL RAMESH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2021-2022

Course : Hands On NOSQL DataBase

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1.The full form of 'CRUD' is _____.

1.Create-Read-Update-Define

2.None of the options

3.Create-Read-Update-Deliver

4.Create-Run-Update-Delete

5.Create-Read-Update-Delete

2. _____ distributes different data across multiple servers.

1.None of the options

2.Bucketing

3.Sharding

4.Partitioning

3.The horizontal scaling approach tends to be cheaper as the number of operations, and the size of the data increases.

1.True

2.False

4.NoSQL databases are designed to expand _____.

1.with increase of load

2.vertically

3.hardware wise

4.horizontally

5.Limitation(s) of RDBMS is/are _____.

1.All the options

2.Ease of Maintenance/Performance

3.Scalability/Database design complexity

4.Less Expensive/Performance

6.The key-value pair data storages include all, except _____.

1.In-memory

2.Network Attached Storage

3.Disk Storage

4.Cache Storage

7.Cassandra has properties of both _____ and _____.

1.Kudu and Hbase

2.Neo4j / Amazon Dynamo

3.All the options

4.Google Bigtable / Amazon Dynamo

8.A Riak Convergent Replicated Data Type (CRDT) includes _____.

1.All the options

2.JSON/Maps/Sets

3.JSON/Maps

4.Maps/Sets/Counters

9.The RDBMS 'table' equivalent terminology in Riak is _____.

1.data store

2.None of the options

3..data segment

4.bucket

10.The econdary Indexes.

1.False

2.True

11.Pre-join projection is equivalent to _____ as in traditional relational systems.

1.Table

2.Materialized view

3.None of the options

4.Joins

12.The column store has to perform _____ IO to insert a new value.

1.Single

2.as many disk blocks

3.Two

4.None of the options

13.In column-oriented stores, data is stored on a _____ basis.

1.Column

2.Column Family

3.Row Key

14.HBase tables are divided _____ by row key range into _____.

1.vertically, region servers

2.horizontally, region servers

3.vertically, regions

4.horizontally, regions

15.The row store needs to perform _____ IO to insert a new value.

1.None of the options

2.Two

3.Multiple

4.Single

16.JSON documents are built up of _____.

1.arrays

2.objects

3.All the options

4.values

17.An RDBMS equivalent component for a document in a document database is _____.

1.Column

2.Row

3.Primary Key

4.Table

18. _____ is the syntax for retrieving specific elements from an XML document.

1.XPath

2.None of the options

3.XQuery

4.XSLT

19.MongoDB read/write performance can be tuned with the help of Stored Procedures.

1 False

2.True

20.An RDBMS equivalent component for a document identifier in a document database is _____.

1.Foreign Key

2.Table

3.None of the options

4.Column

BRACT's
Vishwakarma College of Arts, Commerce and Science
Hands On NOSQL
2021-22
Marksheet

Sr No.	Student Name	Class	Marks
1	ABHIJIT BHAGWAN PILANE	TYBSc(CS)	18
2	ADHAV VAIBHAV GAJENDRA	TYBSc(CS)	15
3	AHMAD SAMIM	TYBSc(CS)	16
4	ALLAM SAURAV RAJESH	TYBSc(CS)	17
5	AMRITHA SIVA PRASAD	TYBSc(CS)	19
6	ANGIDIKAR PRATHAM SOMNATH	TYBSc(CS)	14
7	ARE RUTUJA ARUN	TYBSc(CS)	17
8	ATAR ALFIYAH KAUSAR SAMEER	TYBSc(CS)	18
9	BATABYAL SOUMYAJIT SUDIP	TYBSc(CS)	16
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40	GADI SAYALI GANESH	TYBSc(CS)	16
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42	GAIKWAD CHAITANYA SANTOSH	TYBSc(CS)	18
43	GAIKWAD VISHAL DASHRATH	TYBSc(CS)	15
44	GOI AMBADI RITIK MOHAN	TYBSc(CS)	18
45	GURAV SHRADDHA GANESH	TYBSc(CS)	16
46	HARNIKAR ASAD NURUL AMIN	TYBSc(CS)	17
47	JADHAV MASANI SHRUTI DHAR	TYBSc(CS)	18
48	JADHAV OMKAR SATISH	TYBSc(CS)	15
49	JADHAV SAYLI SANTOSH	TYBSc(CS)	17
50	JAGDALI PUSHIKAR UMESH	TYBSc(CS)	16
51	JAGDHANE ABHISHIK HARI	TYBSc(CS)	19
52	JAGTAP AAKASH SATISH	TYBSc(CS)	17
53	JAGTAP ATHARVA RAHUL	TYBSc(CS)	19
54	JAGTAP YASH ASHOK	TYBSc(CS)	16
55	JAMADAR RIYANA RASHID	TYBSc(CS)	16
56	JANHAVI NIMJE	TYBSc(CS)	17
57	JOSHI NEERAJ SANJAYKUMAR	TYBSc(CS)	16
58	KADAM MAYUR DILIP	TYBSc(CS)	19
59	KADAM SHUBHAM SHANKAR	TYBSc(CS)	18
60	KALAL GAYATRI HANUMANT	TYBSc(CS)	17
61	KANJARIYA BILINA HANSRAJ	TYBSc(CS)	15
62	KANKATHE MANSU CHANDRAKANT	TYBSc(CS)	16
63	KANOJIA ASHISH RAJENDRA	TYBSc(CS)	19
64	KARNIK ATHARVA ASHISH	TYBSc(CS)	14
65	KATARIYA SEJAL PRAVIN	TYBSc(CS)	18
66	KATKI DHANANJAY ANIL	TYBSc(CS)	15
67	KHANDALE YASH SURESH	TYBSc(CS)	18
68	KHATAVKAR ADITHYAN RAVINDRA	TYBSc(CS)	16
69	KONDHARE SAHIL RAHUL	TYBSc(CS)	17
70	KSHIRSAGAR AISHWARYA MOHAN	TYBSc(CS)	18
71	KUKKAR SOHAM AVINASH	TYBSc(CS)	15
72	LOKHANDE ABHISHIK DADASAHEB	TYBSc(CS)	17
73	LUNAWAT ANJALI SANDEEP	TYBSc(CS)	16
74	MAHADIK PRANAY DAYARAM	TYBSc(CS)	19
75	MAHENDRAKAR PRANALI VISHWANATHI	TYBSc(CS)	18
76	MANDAL SOHAM GOURANGA	TYBSc(CS)	17
77	MANDHARE AKANKSHA RAJENDRA	TYBSc(CS)	18
78	MANDHARE NIKHIL VITTHAL	TYBSc(CS)	16
79	MASKAR SHRUTI ARUN	TYBSc(CS)	15
80	MAURYA HIMANSHU JAIPRAKASH	TYBSc(CS)	18
81	MEHTA AYUSH ASHISH	TYBSc(CS)	16
82	MIRGAL NIRAJ SUNIL	TYBSc(CS)	17
83	MISHRA CHANCHAL UMESH	TYBSc(CS)	18
84	MOHITE DIVYA DILIP	TYBSc(CS)	15
85	MORE NAYAN NIRVUTHI	TYBSc(CS)	17

86	MORE SOHAM SHANKAR	TYBSc(CS)	16
87	NAIK PRASHANT BHAGWAT	TYBSc(CS)	17
88	NAIKWADI AKIB ISMAIL	TYBSc(CS)	18
89	NANESHA KARAN HARISH	TYBSc(CS)	17
90	NARE KETAKI ANIL	TYBSc(CS)	17
91	NIRALA PRITESHKUMAR SHIVCHANDRA	TYBSc(CS)	16
92	NISHAD DURGESH MOHAN	TYBSc(CS)	19
93	NISHAD HIMANSHU LALI	TYBSc(CS)	14
94	NISHAD NEELAM MOHANKUMAR	TYBSc(CS)	18
95	OTARI ATHARVA RANJIT	TYBSc(CS)	17
96	PACHIPUTE PRAVEG SANJAY	TYBSc(CS)	16
97	PALANDE PRATIK PRASHANT	TYBSc(CS)	18
98	PANSARE JUBER HARUN	TYBSc(CS)	17
99	PARDESHI PRATIKSHA SHIVANARAYAN	TYBSc(CS)	18
100	PARDESHI SANYOG GOPALSINGH	TYBSc(CS)	19
101	PAREEK PINKY PAVAN	TYBSc(CS)	19
102	PARTHE VAISHNAVI SANDEEP	TYBSc(CS)	14
103	PATIL DINESH RAJENDRA	TYBSc(CS)	18
104	PATIL MANISH MOHAN	TYBSc(CS)	17
105	PATIL RASIKA JANARDAN	TYBSc(CS)	18
106	PATIL SAKSHI MANOJ	TYBSc(CS)	16
107	PATIL SHAMBHURAJ SUHAS	TYBSc(CS)	16
108	PAWAR DUSHYANT YOGESH	TYBSc(CS)	17
109	PAWAR NIKITA TANAJI	TYBSc(CS)	18
110	PAWAR PRANAV PRAVIN	TYBSc(CS)	15
111	PAWAR SHWETA NARESH	TYBSc(CS)	17
112	PAWAR SUMIT KISAN	TYBSc(CS)	16
113	PHALKE SANDESH JEEVAN	TYBSc(CS)	17
114	PIMPLE HRUSHIKESH JAYPRAKSH	TYBSc(CS)	16
115	PITRE ISHAN SAMIR	TYBSc(CS)	19
116	POKHARKAR KUNAL BALU	TYBSc(CS)	15
117	PRAJAPATI AMAN JAWAHARLAL	TYBSc(CS)	18
118	RAMPURAWALA HUSSAIN SHABBIR	TYBSc(CS)	18
119	RODE GAURAV SHIVAJI	TYBSc(CS)	15
120	SAHU AYUSHI DASHRATH	TYBSc(CS)	17
121	SALUNKHE NISHA MANOJ	TYBSc(CS)	17
122	SAROJ POOJA NOKHELAL	TYBSc(CS)	18
123	SAROJ SHIVAM HARILAL	TYBSc(CS)	13
124	SAWANT NEHA SUNIL	TYBSc(CS)	16
125	SHAH MAITRI ALPESH	TYBSc(CS)	18
126	SHAHANE SUDHANSHU SURESH	TYBSc(CS)	15
127	SHAIKH ASIM GAFFAR	TYBSc(CS)	18
128	SHAIKH AZIM MUSTAFA	TYBSc(CS)	16
129	SHAIKH NUMAAN KHALID	TYBSc(CS)	18
130	SHAIKH SHADAB AHMED	TYBSc(CS)	16
131	SHAIKH UJEF NISAR	TYBSc(CS)	18
132	SHARMA RADHA PHOOL	TYBSc(CS)	18
133	SHARMA SANDIP JAYPRAKASH	TYBSc(CS)	19
134	SHARMA YASH SURAJ	TYBSc(CS)	16
135	SHENDKAR NIKITA SURESH	TYBSc(CS)	16
136	SHINDE ROHAN DEVDAS	TYBSc(CS)	15
137	SHINDE SANKET SANJAY	TYBSc(CS)	17

138	SHIRKE PRATHAMESH PRAVIN	TYBSc(CS)	18
139	SHITOLE YUVRAJ SANJAY	TYBSc(CS)	16
140	SHUKLA SAGAR UMASHANKAR	TYBSc(CS)	19
141	SINGH KUSHAVEER BHANWAR	TYBSc(CS)	15
142	SURYAWANSHI VAISHNAVI VITTHAL	TYBSc(CS)	18
143	TAKAWALE MAYUR MOHAN	TYBSc(CS)	16
144	TAMBOLI SAMEER NOOR M	TYBSc(CS)	17
145	THILLARE MAYUR JAGANNATHI	TYBSc(CS)	18
146	TOGURAGE AMBIKA BANDAPPA	TYBSc(CS)	19
147	UBALE SHIVAM MAHESH	TYBSc(CS)	14
148	WAWALE KIRAN SURESH	TYBSc(CS)	18
149	YADAV NAGESHWARKUMAR VIJENDRA	TYBSc(CS)	17
150	YADAV SANKET VIJAY	TYBSc(CS)	19
151	ZAD SHIRUTI YOGESH	TYBSc(CS)	16
152	ZAMBAD SAMIKSHA SANJAY	TYBSc(CS)	18
153	ZOYA	TYBSc(CS)	17
154	DEORE RUSHIKESH MANOHAR	TYBSc(CS)	18
155	SHARMA LAKHAN KRISHNA	TYBSc(CS)	15
156	DEGAONKAR GAURI PRAVEEN	TYBSc(CS)	17
157	MAHADIK SANKET UTTAM	TYBSc(CS)	16
158	LOKHANDE ATHARV KRISHNA	TYBSc(CS)	17
159	YENDHE PRASAD RAJEDNRA	TYBSc(CS)	18
160	VATHAR AKASH KHAJAPPA	TYBSc(CS)	16
161	KHAPARE ESHA RAVINDRA	TYBSc(CS)	15
162	PATIL SEJAL SUBHASH	TYBSc(CS)	19
163	THORAT SUCHETAN REVANKUMAR	TYBSc(CS)	16
164	MANDHARE NISHA SUSHANT	TYBSc(CS)	16
165	PATIL RAHUL RAJESH	TYBSc(CS)	17
166	MOHAMMAD ZUBAIR	TYBSc(CS)	16
167	YADAV GAURAV VIJAYKUMAR	TYBSc(CS)	19
168	KHANDRE SHIRIRAM VIJAY	TYBSc(CS)	18
169	AFFAAN SHAIKH	SYBSc(CS)	17
170	AGRAWAL TANVI HEMANT	SYBSc(CS)	18
171	AMOLIK MANAV SANDEEP	SYBSc(CS)	19
172	BHATT BHAKTI NIRBHAY	SYBSc(CS)	17
173	CALCUTTAWALA ALIAKBAR ALIASGAR	SYBSc(CS)	13
174	CHINTAL AKASH VENKATESH	SYBSc(CS)	15
175	CHOPADE DURVA AVINASH	SYBSc(CS)	17
176	CHOUDHARY SHASHANK SUDARSHAN	SYBSc(CS)	18
177	DESAI SMIT SUHAS	SYBSc(CS)	20
178	DEVKAR ATHARVA ANIL	SYBSc(CS)	18
179	DEWASWALA EBRAHIM YUSUF	SYBSc(CS)	13
180	DHANGE NAMRATA MAHANTESH	SYBSc(CS)	18
181	DHARME SHREYASH BABASAHEB	SYBSc(CS)	16
182	DHAS KARAN ASHOK	SYBSc(CS)	15
183	DONGARE MAYURI BALAJI	SYBSc(CS)	18
184	DUBEY JEET RAJESH	SYBSc(CS)	16
185	GANBOTE PRATHAMESH RAKESH	SYBSc(CS)	17
186	GHATE PARTH ABHAY	SYBSc(CS)	16
187	GHUGE RUTUJA SHAHADEV	SYBSc(CS)	16

188	GHUME JYOTSNA GANESH	SYBSc(CS)	18
189	GOGAWALE ANUJA MARUTI	SYBSc(CS)	19
190	GONGLE PRATHAMESH PRASHANT	SYBSc(CS)	15
191	GUNAWARE RUSHIKESH SANJAY	SYBSc(CS)	17
192	GUPTA PRANAV SHIVDAS	SYBSc(CS)	18
193	GURAV HARSHAL PRAKASH	SYBSc(CS)	20
194	HIREMATH PRAJWAL BASAVRAJ	SYBSc(CS)	17
195	HUNNARGIKAR HRISHIKESH SANJEEV	SYBSc(CS)	18
196	ILKAL NABEEL NAHID	SYBSc(CS)	15
197	INGULKAR SOHAM SHAHAJI	SYBSc(CS)	17
198	JADAV JANVI PRASAANT BHAI	SYBSc(CS)	15
199	JADHAV PRIYAWARDHAN ANIL	SYBSc(CS)	19
200	JHA NITISH LALIT	SYBSc(CS)	17
201	KALE ADITYA SANJEEV	SYBSc(CS)	18
202	KALE PRATHAMESH PRAVIN	SYBSc(CS)	18
203	KHADE AADARSH UMESH	SYBSc(CS)	17
204	KHAN TAYYAB TAHUR	SYBSc(CS)	18
205	KHEDKAR VRUSHALI SUNIL	SYBSc(CS)	16
206	KOKARDE YASH ANIL KUMAR	SYBSc(CS)	19
207	KOLEKAR ABHISHEK SHANTARAM	SYBSc(CS)	19
208	LAVANGARE VISHAL GANESH	SYBSc(CS)	15
209	LONDHE KESHAV SOPAN	SYBSc(CS)	19
210	MADRE MAHEK AMJAD	SYBSc(CS)	17
211	MAHIPAL DNYANESH VINOD	SYBSc(CS)	19
212	MALGE SACHIN KASHINATH	SYBSc(CS)	16
213	MENKAR ATHARV	SYBSc(CS)	16
214	MISHRA PREETI RAJU	SYBSc(CS)	17
215	MOHALKAR ANJALI DADASAHEB	SYBSc(CS)	18
216	MORE SAMRUDDHI DNYANESHWAR	SYBSc(CS)	15
217	NAIK HARSH GOPAL	SYBSc(CS)	19
218	NANWANI KHUSHI DILIP	SYBSc(CS)	16
219	NEWASE HARSHAL CHANDRAKANT	SYBSc(CS)	15
220	NIGADE ISHA SUJIT	SYBSc(CS)	18
221	NIMBALKAR AUDUMBAR ANKUSH	SYBSc(CS)	17
222	NIRMAL VISHAKHA VIJAY	SYBSc(CS)	18
223	NISHAD KISHAN JOGINDER	SYBSc(CS)	16
224	ONAMSHETTY SHARAN SHANTAMALAPPA	SYBSc(CS)	15
225	PALVE OMKAR RAMESH	SYBSc(CS)	17
226	PARDESHI AAYUSH SANJAY	SYBSc(CS)	18
227	PARDESHI GAYATRI GOPAL	SYBSc(CS)	16
228	PASALKAR SANSKRUTI SANJAY	SYBSc(CS)	19
229	PATOLE OJAS PRAFUL	SYBSc(CS)	15
230	PAWAR SHUBHAM RAJU	SYBSc(CS)	16
231	PEERZADE FARHAN AKHTAR	SYBSc(CS)	18
232	PORE MRUDULA JITENDRA	SYBSc(CS)	15
233	POTHIWAL GURMAIL SINGH RANVIR SINGH	SYBSc(CS)	16
234	POWAR NIMISH MILIND	SYBSc(CS)	17
235	PRASAD AISO SHRAVAN	SYBSc(CS)	19
236	RANA AISHWARYA SHISHIR	SYBSc(CS)	15
237	RANGAPURE AMUL NARSINGRAO	SYBSc(CS)	16

238	RATHOD KALPESH WAGARAM	SYBSc(CS)	19
239	SABALE SIDDHANT NILESH	SYBSc(CS)	14
240	SADAWARTE RAJKUMAR SANTOSH	SYBSc(CS)	18
241	SAKSHI AJIT KATRAJKAR	SYBSc(CS)	17
242	SALUNKHE TULSI YAJINDRA	SYBSc(CS)	18
243	SALVE ARYAN BALASAHEB	SYBSc(CS)	16
244	SALVE PRANAV DEEPAK	SYBSc(CS)	16
245	SAROJ PAWNESH NAGENDRA	SYBSc(CS)	19
246	SATARKAR IARDIN RAFIK	SYBSc(CS)	16
247	SAWANT VEDANT SUBHASH	SYBSc(CS)	18
248	SHAH ADITYA HARSHAD	SYBSc(CS)	18
249	SHAH SHREYANS AJIT	SYBSc(CS)	17
250	SHAIKH SANOBAR NISAR	SYBSc(CS)	16
251	SHARMA RAKESH PIULKUMAR	SYBSc(CS)	15
252	SHARMA SHWETA DINESH	SYBSc(CS)	17
253	SHIVANGEKAR PREEYAN SANJIV	SYBSc(CS)	18
254	SONDKAR VIGHNESH VILAS	SYBSc(CS)	20
255	SWAMI ABHAY SURYAKANT	SYBSc(CS)	19
256	TAKAWALE TANMAY HANUMANT	SYBSc(CS)	16
257	TANAWADE SHEFALI SANTOSH	SYBSc(CS)	16
258	TELGU PRATHAMESH KRISHNA	SYBSc(CS)	17
259	THOPATE SIDDHANATH ASHOK	SYBSc(CS)	18
260	VERMA JYOTI RAMDEV	SYBSc(CS)	15
261	VERMA RADHIKA SHYAMDHAR	SYBSc(CS)	17
262	VISHWAKARMA NEERAJ RAMAJOR	SYBSc(CS)	16
263	VISHWAMITRE GAJANAN RAGHAVENDRA	SYBSc(CS)	15
264	WAGH SHUBHAM SURESH	SYBSc(CS)	17
265	WALUNJKAR HARSH JEEVAN	SYBSc(CS)	18
266	YADAV RAMESH PARSHURAM	SYBSc(CS)	20
267	YEMUL ISHAN SUDARSHAN	SYBSc(CS)	18
268	VANVE APEKSHA KUMAR	SYBSc(CS)	13
269	KHEDEKAR CHAITANYA BAJIRAO	SYBSc(CS)	16
270	JADHAV YASH NILESH	SYBSc(CS)	18
271	URSAL ROHIT BHANUDAS	SYBSc(CS)	15
272	PAWAR PRATHAMESH SUNIL	SYBSc(CS)	16
273	KAPSE DNYANESHWAR VITTHAL	SYBSc(CS)	17
274	TIPLE ALPESH RAJENDRA	SYBSc(CS)	19
275	RENUSE SAHIL RAMESH	SYBSc(CS)	14

Dr. Arun R. Patil
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Dr. Arun R. Patil
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Bansilal Ramnath Agarwal Charitable Trust's

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(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE HANDS ON NO-SQL DATABASE

This certificate is presented to Mr./Ms. **Chavan Prajakta** of TYBSc-CS for successfully completing **Hands on No-SQL Database** of 30 hrs duration from **4th October 2021** to **26th October 2021**, for the Academic Year 2021-22, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



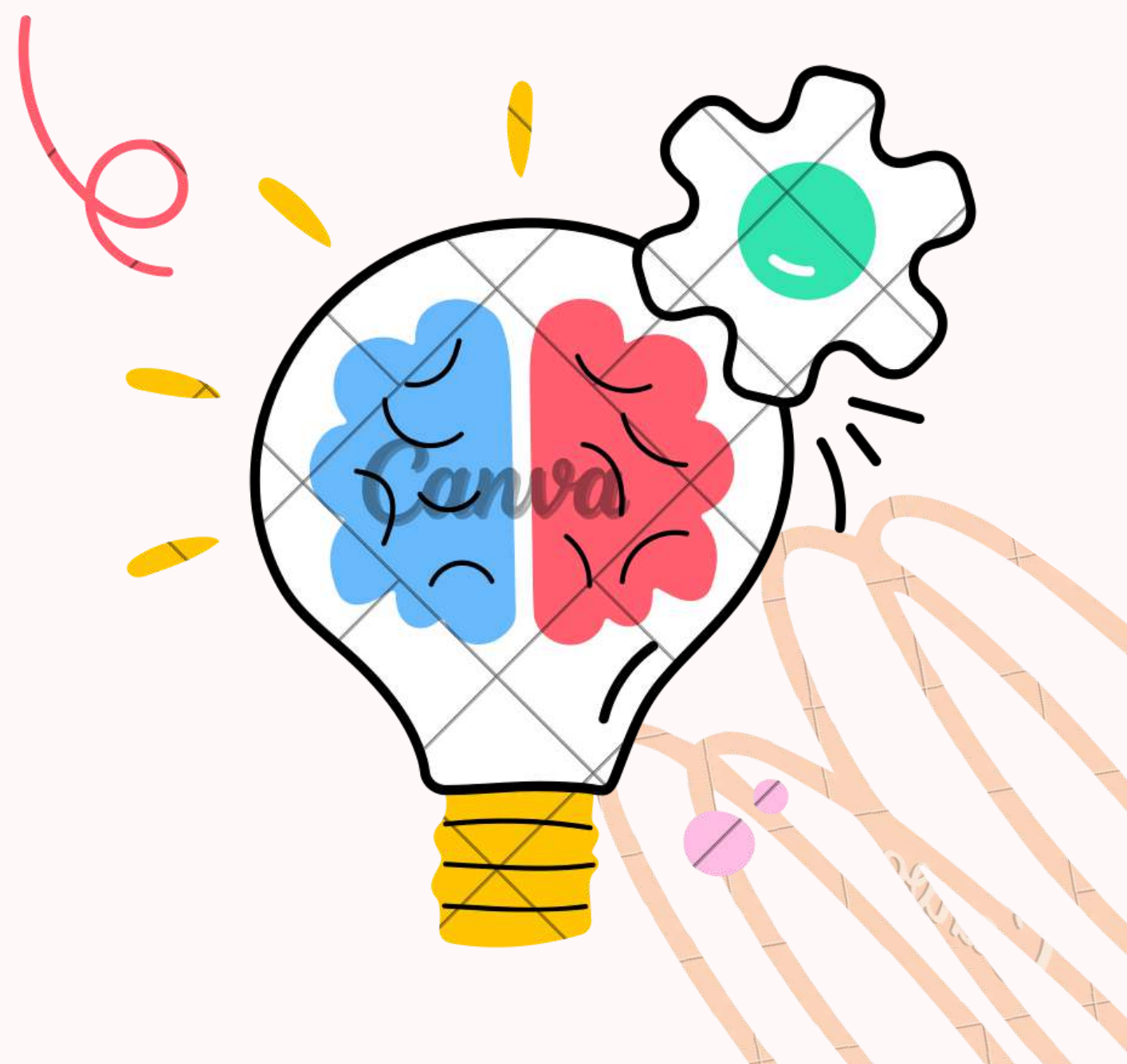
**B.R.A.C.T.'s
Vishwakarma College Of Arts, Commerce And
Science
Kondhwa (Bk), Pune**

COURSE IN SKILL ENHANCEMENT



**Starts From
06/09/2021**

**With A Great Expertise
By
Prof. Uzair Shaikh**





**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 01/09/2021

Notice

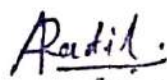
All students of TYBBA(CA), TYBSC(CS) are hereby informed that VCACS has organized value added course on "Certificate Course in Skill Enhancement " from 6/9/21 to ~~24/09/21~~ at 10.00 am to 12.00pm. Registration is mandatory for all. Link will be shared on group.

Venue: Google Meet

Platform: Online Mode


HOD

(Science)


DR. ARVIND PATIL
PRINCIPAL
VISHWAKARMA COLLEGE OF ARTS
COMMERCER AND SCIENCE
Kondhwa (Bk.), Pune-411 048

BRACT's
Vishwakarma College of Arts, Commerce and Science
Skill Enhancement
2021-22
Enrolled Student List

Sr No.	Student Name	Class
1	ABDUL JAMIL	TYBBA(CA)
2	ABDUL WAHAB	TYBBA(CA)
3	AHMAD JUNAID	TYBBA(CA)
4	AHMAD SHAKIR	TYBBA(CA)
5	ALI ALFIYA MOIZ	TYBBA(CA)
6	ALI NASER	TYBBA(CA)
7	ALMFIDA ALVISTER MICHAEL	TYBBA(CA)
8	ANKAM SAURABH VINOD	TYBBA(CA)
9	BALAJI SANYA SANTOSH	TYBBA(CA)
10	BANDAL URVASHI DHANANJAY	TYBBA(CA)
11	BHALERAO RUGVED MILIND	TYBBA(CA)
12	CHAVAN ASHOK TUKARAM	TYBBA(CA)
13	CHORDIA KHUSHI RAKESH	TYBBA(CA)
14	CHOUHAN SURBHI SUDHIR	TYBBA(CA)
15	DESAI YASH ARVIND	TYBBA(CA)
16	GABUJI MUNIRA SHABBIR	TYBBA(CA)
17	GADGE JAYESH SUNIL	TYBBA(CA)
18	GAIKWAD LINA VISHNUPANT	TYBBA(CA)
19	GERA KSHITU DEEPAK	TYBBA(CA)
20	GHEWALA TAHER SHAMSHUDIN	TYBBA(CA)
21	GHODKE SAURABH MATHURDAS	TYBBA(CA)
22	GHOLAP KIRAN MOHAN	TYBBA(CA)
23	GIRKAR DILETA DANNY	TYBBA(CA)
24	HARISHARAN SRIDHAR NAIDU	TYBBA(CA)
25	HONRAO TEJAS SANJAY	TYBBA(CA)
26	INGALE VYANKATESH RAJIV	TYBBA(CA)
27	JAIN ARYAN MANOJ	TYBBA(CA)
28	JAIN SRUSHTI SANJAY	TYBBA(CA)
29	JAMADAR AMAAN SUHEL	TYBBA(CA)
30	KAMTHE PREM SATISH	TYBBA(CA)
31	KHAN ZAINAB IMROZ	TYBBA(CA)
32	KHAPRE SARVESH RAMESH	TYBBA(CA)
33	LOHAKARE DARSHAN RAJENDRA	TYBBA(CA)
34	LONDHE VAISHANAVI NAVNATH	TYBBA(CA)
35	LUNKAD SHRUTIKA JITENDRA	TYBBA(CA)
36	MAHAJAN NIKHIL GOVINDA	TYBBA(CA)
37	MULLA MOHAMMAD SAAD SALIM	TYBBA(CA)
38	MUNDADA GOPAL BALAPRASAD	TYBBA(CA)
39	MUTHA BHAVESH RAVINDRA	TYBBA(CA)
40	NARANG DARSHAN LAKHIMCHAND	TYBBA(CA)
41	NASRIN	TYBBA(CA)
42	NAVLANI KABIR HARISH	TYBBA(CA)
43	NEWALE OMKAR ASHOK	TYBBA(CA)
44	NIKKI BHARTI	TYBBA(CA)

44	OSWAL VISHAKHA VIJAY	TYBBA(CA)
45	PARDI SHI PAYAL RAJKUMAR	TYBBA(CA)
47	PARDI SHI PRACHI AKASHI	TYBBA(CA)
48	PATANWALA AAMI NA FAKHRUDDIN	TYBBA(CA)
49	PATHI ROHAN ASHOK	TYBBA(CA)
50	PIIRODA DARSHAN SAGAR	TYBBA(CA)
51	POLLY ROHAN PANNALAI	TYBBA(CA)
52	RAJPUT GULABKUNWAR CHHAISINGH	TYBBA(CA)
53	RAO MAHIMA HIMMAT SINGH	TYBBA(CA)
54	RUDANI KARTIK RATILAI	TYBBA(CA)
55	SALUNKE USHA DEEPAK	TYBBA(CA)
56	SEJPAL CHINTAN SANJAY	TYBBA(CA)
57	SHAIKH ARSHA ARIH	TYBBA(CA)
58	SHAIKH MOHD MUEZZ MAQBOOL	TYBBA(CA)
59	SHARMA ROHAN ANIL	TYBBA(CA)
60	SHINDE AMAN TOMSON	TYBBA(CA)
61	SHINDE RUSHIKI SH MANGESH	TYBBA(CA)
62	SHINDE SWARAJ SANJAY	TYBBA(CA)
63	SHINGATE SHREYA VIJAY	TYBBA(CA)
64	SHINRI SAKSHI SANTOSHI	TYBBA(CA)
65	SHITOLE YASHIRAJ CHANDRAKANT	TYBBA(CA)
66	SUTHAR ANUJ DINESHIBHAI	TYBBA(CA)
67	TAGARE PRATIK RAHUL	TYBBA(CA)
68	TELDHUNE KATHAN NITIN	TYBBA(CA)
69	UKANDE PRASAD SURESH	TYBBA(CA)
70	VAIDYA MAYUR MANOHAR	TYBBA(CA)
71	YEWALE KAUSTUBH MANISH	TYBBA(CA)
72	SHILKE SAURABH UDHAVE	TYBBA(CA)
73	NAVALE AKSHAY RAJENDRA	TYBBA(CA)
74	GHOJAN KUNAL VITHAL	TYBBA(CA)
75	JADHAV GANESH DASHRATH	TYBBA(CA)
76	JAIN MITALI TARACHAND	TYBBA(CA)
77	JAIN SANCHI JITENDRA	TYBBA(CA)
78	PAWAR POONAM SHASHIKANT	TYBBA(CA)
79	PANGUL RUTUJA MANOJ	TYBBA(CA)
80	MANE SAMIKSHA SAMPAT	TYBBA(CA)
81	KOLEKAR CHAITANYA DAMODHAR	TYBBA(CA)
82	DHONDGE AJAY BHAGWAN	TYBBA(CA)
83	TEMAK MUKUND SUBHASH	TYBBA(CA)
84	ABHIJIT BHAGWAN PILANE	TYBSc(CS)
85	ADHAV VAIBHAV GAJENDRA	TYBSc(CS)
86	AHMAD SAMIM	TYBSc(CS)
87	ALLAM SAURAV RAJESH	TYBSc(CS)
88	AMRITHA SIVA PRASAD	TYBSc(CS)
89	ANGDIKAR PRATHAM SOMNATH	TYBSc(CS)
90	ARI RUTUJA ARUN	TYBSc(CS)
91	ATAR ALFIYAH KAUSAR SAMEER	TYBSc(CS)
92	BATABYAL SOUMYAJIT SUDIP	TYBSc(CS)
93	BHAGAT SAGAR GOVINDRAI	TYBSc(CS)
94	BHALE RAO GANESH DHIP	TYBSc(CS)
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96	BHORADE PRIYANKA RAVINDRA	TYBSc(CS)

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98	BHOSALE KUNAL DATTATRAY	TYBSc(CS)
99	BIRADAR SUNITA BALU	TYBSc(CS)
100	BORA BHAVESH RAVINDRA	TYBSc(CS)
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103	CHAUDHARI DARSHAN RAVINDRA	TYBSc(CS)
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105	CHAVAN BHUSHAN PRAKASH	TYBSc(CS)
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107	CHAVAN PRAKASH PRATAP	TYBSc(CS)
108	CHAVAN PRAKASH SUNIL	TYBSc(CS)
109	CHAVAN ROHIT RAJENDRA	TYBSc(CS)
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111	CHOUDHARI PRANIL ANIL	TYBSc(CS)
112	CHOUDHARY NELLAM SOBARAM	TYBSc(CS)
113	DAHMAL DHIRAJ GANESHRAO	TYBSc(CS)
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115	DALVI NAMRATA RAJU	TYBSc(CS)
116	DANI SEJAL VIJAY	TYBSc(CS)
117	DESHMUKH PRATHAMESH KISHOR	TYBSc(CS)
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119	DHONGADI AVENDRA RAHUL	TYBSc(CS)
120	DIKONDA ANIKET BHASKAR	TYBSc(CS)
121	DIXIT DEVYANI SHAILENDRA	TYBSc(CS)
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123	GADE SAYALI GANESH	TYBSc(CS)
124	GADEWAR LAV VIVEK	TYBSc(CS)
125	GAIKWAD CHAITANYA SANTOSH	TYBSc(CS)
126	GAIKWAD VISHAL DASHRATH	TYBSc(CS)
127	GOLAMBADE RITIK MOHAN	TYBSc(CS)
128	GURAV SHRADDHA GANESH	TYBSc(CS)
129	HARNEKAR ASAD NURUL AMIN	TYBSc(CS)
130	JADHAV MANASI SHREEDHAR	TYBSc(CS)
131	JADHAV OMKAR SATISH	TYBSc(CS)
132	JADHAV SAYEE SANTOSH	TYBSc(CS)
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134	JAGDANE ABHISHEK HARI	TYBSc(CS)
135	JAGTAP AAKASH SATISH	TYBSc(CS)
136	JAGTAP ATHARVA RAHUL	TYBSc(CS)
137	JAGTAP YASH ASHOK	TYBSc(CS)
138	JAMADAR RIYANA RASHID	TYBSc(CS)
139	JANHAVI NIMJE	TYBSc(CS)
140	JOSHI NEERAJ SANJAYKUMAR	TYBSc(CS)
141	KADAM MAYUR DILIP	TYBSc(CS)
142	KADAM SHUBHAM SHANKAR	TYBSc(CS)
143	KALAL GAYATRI HANUMANT	TYBSc(CS)
144	KANJARIYA BEENA HANSRAJ	TYBSc(CS)
145	KANKAR MANSI CHANDRAKANT	TYBSc(CS)

146	KANOJIA ASHISH RAJENDRA	TYBSe(CS)
147	KARNIK ATHARVA ASHISH	TYBSe(CS)
148	KATARIYA SEJAL PRAVIN	TYBSe(CS)
149	KATKE DIHANANJAY ANIL	TYBSe(CS)
150	KHANDALE YASHI SURI SHI	TYBSe(CS)
151	KHATAVKAR ADITI RAVINDRA	TYBSe(CS)
152	KONDHARE SAHIL RAHUL	TYBSe(CS)
153	KSHIRSAGAR AISHWARYA MOHAN	TYBSe(CS)
154	KUKKAR SOHAM AVINASHI	TYBSe(CS)
155	LOKHANDE ABHISHIK DADASAHEB	TYBSe(CS)
156	LUNAWAT ANJALI SANDEEP	TYBSe(CS)
157	MAHADIK PRANAY DAYARAM	TYBSe(CS)
158	MAHINDRAKAR PRANALI VISHWANATHI	TYBSe(CS)
159	MANDAL SOHAM GOURANGA	TYBSe(CS)
160	MANDHARE AKANKSHA RAJENDRA	TYBSe(CS)
161	MANDHARE NIKHIL VITHAL	TYBSe(CS)
162	MASKAR SHRUTI ARUN	TYBSe(CS)
163	MAURYA HIMANSHU JAIPRAKASHI	TYBSe(CS)
164	MEHTA AYUSHI ASHISH	TYBSe(CS)
165	MIRGAL NIRAJ SUNIL	TYBSe(CS)
166	MISHRA CHANCHAL UMESH	TYBSe(CS)
167	MOHINI DIVYA DILIP	TYBSe(CS)
168	MORE NAYAN NIVRUTTI	TYBSe(CS)
169	MORE SOHAM SHANKAR	TYBSe(CS)
170	NAIK PRASHANT BHAGWAT	TYBSe(CS)
171	NAIKWADI AKIB ISMAIL	TYBSe(CS)
172	NANESHIA KARAN HARISH	TYBSe(CS)
173	NARE KETAKI ANIL	TYBSe(CS)
174	NIRALA PRITESHKUMAR SHIVCHANDRA	TYBSe(CS)
175	NISHAD DURGESH MOHAN	TYBSe(CS)
176	NISHAD HIMANSHU LALIT	TYBSe(CS)
177	NISHAD NEELAM MOHANKUMAR	TYBSe(CS)
178	OTARI ATHARVA RANJIT	TYBSe(CS)
179	PACHPUTE PRAVEG SANJAY	TYBSe(CS)
180	PALANDE PRATIK PRASHANT	TYBSe(CS)
181	PANSARE JUBER HARUN	TYBSe(CS)
182	PARDESHI PRATIKSHA SHIVANARAYAN	TYBSe(CS)
183	PARDESHI SANYOG GOPALSINGH	TYBSe(CS)
184	PAREEK PINKY PAVAN	TYBSe(CS)
185	PARTHE VAISHNAVI SANDEEP	TYBSe(CS)
186	PATIL DINESH RAJENDRA	TYBSe(CS)
187	PATIL MANISH MOHAN	TYBSe(CS)
188	PATIL RASIKA JANARDAN	TYBSe(CS)
189	PATIL SAKSHI MANOJ	TYBSe(CS)
190	PATIL SHAMBUURAJ SUHAS	TYBSe(CS)
191	PAWAR DUSHYANT YOGESH	TYBSe(CS)
192	PAWAR NIKITA TANAJI	TYBSe(CS)
193	PAWAR PRANAV PRAVIN	TYBSe(CS)
194	PAWAR SHWETA NARESH	TYBSe(CS)
195	PAWAR SUMIT KISAN	TYBSe(CS)
196	PHALKE SANDESH JEEVAN	TYBSe(CS)
197	PIMPIT HIRUSHIKESH JAYPRAKSH	TYBSe(CS)
198	PITRE ISHAN SAMIR	TYBSe(CS)
199	POKHARKAR KUNAL BALU	TYBSe(CS)
200	PRAJAPATI AMAN JAWAHARLAL	TYBSe(CS)
201	RAMPURAWALA HUSSAIN SHABBIR	TYBSe(CS)
202	RODE GAURAV SHIVAJI	TYBSe(CS)
203	SAHU AYUSHI DASHRATHI	TYBSe(CS)
204	SALUNKHE NISHA MANOJ	TYBSe(CS)
205	SAROJ POOJA NOKHILAL	TYBSe(CS)
206	SAROJ SHIVAM HARILAL	TYBSe(CS)
207	SAWANT NEHA SUNIL	TYBSe(CS)
208	SHAH MAITRI ALPESH	TYBSe(CS)
209	SHAHANE SUDHANSHU SURESH	TYBSe(CS)

193	PAWAR PRANAV PRAVIN	TYBSc(CS)	18
194	PAWAR SHWETA NARESH	TYBSc(CS)	17
195	PAWAR SUMIT KISAN	TYBSc(CS)	18
196	PHALKE SANDI SHRI VAN	TYBSc(CS)	16
197	PIMPLE HRUSHIKI SH JAY PRAKASH	TYBSc(CS)	18
198	PIRE ISHAN SAMIR	TYBSc(CS)	15
199	POKHARKAR KUNAL BALU	TYBSc(CS)	19
200	PRAJAPATI AMAN JAWAHARI AI	TYBSc(CS)	18
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205	SAROJ POOJA NOKHIL AI	TYBSc(CS)	15
206	SAROJ SHIVAM HARSH AI	TYBSc(CS)	17
207	SAWANI NITHA SUNIL	TYBSc(CS)	16
208	SHAI MAHURI AI PUSHI	TYBSc(CS)	15
209	SHAHANE SUDHANSHU SURESH	TYBSc(CS)	17
210	SHAIKH ASIM GAFFAR	TYBSc(CS)	18
211	SHAIKH AZIM MUSTATA	TYBSc(CS)	20
212	SHAIKH NUMAAN KHALID	TYBSc(CS)	18
213	SHAIKH SHADAB AHMED	TYBSc(CS)	16
214	SHAIKH UJJI NISAR	TYBSc(CS)	16
215	SHARMA RADHIA PHOOL	TYBSc(CS)	17
216	SHARMA SANDIP JAY PRAKASH	TYBSc(CS)	15
217	SHARMA YASHI SURAJ	TYBSc(CS)	16
218	SHENDKAR NIKITA SURESH	TYBSc(CS)	19
219	SHINDE ROHAN DI VDAS	TYBSc(CS)	14
220	SHINDE SANKET SANJAY	TYBSc(CS)	17
221	SHIRKE PRATHAMESH PRAVIN	TYBSc(CS)	19
222	SHITOLE YUVRAJ SANJAY	TYBSc(CS)	16
223	SHUKLA SAGAR UMASHANKAR	TYBSc(CS)	19
224	SINGH KUSHAVEER BHANWAR	TYBSc(CS)	16
	SURYAWANSHI VAISHNAVI VITTHAL	TYBSc(CS)	
225			17
226	TAKAWALE MAYUR MOHAN	TYBSc(CS)	15
227	TAMBOLI SAMEER NOOR M	TYBSc(CS)	16
228	THILLARI MAYUR JAGANNATHI	TYBSc(CS)	19
229	TOGURAGE AMBIKA BANDAPPA	TYBSc(CS)	18
230	UBAL SHIVAM MAHESH	TYBSc(CS)	15
231	WAWALE KIRAN SURI SHI	TYBSc(CS)	18
	YADAV NAGESHWARKUMAR VIJENDRA	TYBSc(CS)	
232			16
233	YADAV SANKET VIJAY	TYBSc(CS)	17
234	ZAD SHRUTI YOGESH	TYBSc(CS)	18
235	ZAMBAD SAMIKSHA SANJAY	TYBSc(CS)	15
236	ZOYA	TYBSc(CS)	17
237	DLORI RUSHIKESH MANOHAR	TYBSc(CS)	16
238	SHARMA LAKHAN KRISHINA	TYBSc(CS)	19
239	DEGAONKAR GAURI PRAVEEN	TYBSc(CS)	18
240	MAHADIK SANKET UTTAM	TYBSc(CS)	17
241	LOKHANDE ATHARV KRISHINA	TYBSc(CS)	18
242	YENDHI PRASAD RAJENDRA	TYBSc(CS)	16
243	VATHAR AKASH KHAJAPPA	TYBSc(CS)	15
244	KHAPARE ESHA RAVINDRA	TYBSc(CS)	18
245	PATIL SEJAL SUBHASHI	TYBSc(CS)	15
246	THORAT SUCHI TAN RAVANKUMAR	TYBSc(CS)	16
247	MANDHARE NISHA SUSHANT	TYBSc(CS)	17
248	PATIL RAHUL RAJESH	TYBSc(CS)	18
249	MOHAMMAD ZUBAIR	TYBSc(CS)	15
250	YADAV GAURAV VIJAYKUMAR	TYBSc(CS)	17
251	KHANDRE SHIRIRAM VIJAY	TYBSc(CS)	18

[Signature]
HOD



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PRINCIPAL
Dr. Arun R. Patil
PRINCIPAL

Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Science

Add On Course for TY BBA(CA) & TY BBA (CS) (Sem V)

CERTIFICATE COURSE IN SKILL ENHANCEMENT

Course Objectives:

- Provide students ownership of their learning and helps them reduce the comprehension gap.
- It provides the opportunity and knowledge for students to increase and strengthen the necessary skills.

Duration of the Program:

Certificate course in skill enhancement is a 8 days program for 30 hours of lectures.

Course Content:

Unit no.	Unit Title	Contents	Teaching Hours
1	Leadership	<ul style="list-style-type: none">• Definition and meaning• Importance• Leadership and Management• Leader vs Manager• Essential qualities of an effective leader	6 Hours
2	Types of Leaders & Leadership styles	<ul style="list-style-type: none">• Traditional, Transactional• Transformational, Inspirational and servant leadership and Emerging issues in leadership• Emotional Intelligence and leadership• Trust as a factor• Gender and Leadership	6 Hours

3	Basic Communication Skills	<ul style="list-style-type: none"> • Meaning • Verbal & Non-Verbal Communication • Difference between Oral and Written Communication • 7'Cs of Effective Communication • Significance of Effective Communication 	6 Hours
4	Personal Grooming	<ul style="list-style-type: none"> • Personal Hygiene • Social Effectiveness • Business Etiquettes 	6 Hours
5	Personality Development	<ul style="list-style-type: none"> • Definition • Elements of Personality • Determinants of Personality • Personal Hygiene • Social Effectiveness • Business Etiquettes (Power Dressing) 	6 Hours

Expected Outcome:

It develops critical thinking process enabling the students to analyze the quantitative and qualitative data and draw meaningful conclusions for sound decision making.

It will works towards imparting an education that is holistic and skill oriented which instills among the students a sense of usefulness and responsibility.




SHUKLA SAGAR UMASHANKAR	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
SINGH KUSHAV LER BHANWAR	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
SURYAWANSHI VAINIKAVI	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
VITTHAL	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
LAKAWALE MAYUR MOHAN	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
LAMBOLI SAMEER NOORM	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
THILLARE MAYUR JAGANNATH	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
TOGURAGE AMBIKA BANDAPPA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
UBALE SHIVAM MAHESH	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
WAWALE KIRAN SURESH	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
YADAV NAGESHWARKUMAR	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
VIJENDRA	TYBSc(CS)		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
YADAV SANKET VIJAY	TYBSc(CS)		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
ZAD SHIRUTI YOGESH	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
ZAMBAD SAMIKSHA SANJAY	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
ZOYA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
DILORE RUSHIKESH MANOHAR	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
SHARMA LAKHAN KRISHNA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
DEGAONKAR GAURI PRAVEEN	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
MAHADIK SANKET LUTIAM	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
LOKHANDE ATHARV KRISHNA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
YENDHE PRASAD RAJENDRA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
VATHAR AKASH KHAJAPPA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
KHAPARE ESHA RAVINDRA	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
PATIL SEJAL SUBHASH	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
THORAT SUCHEAN	TYBSc(CS)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
REXANKUMAR	TYBSc(CS)		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
MANDHARE NISHA SUSHANT	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
PATIL RAHUL RAJESH	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
MOHAMMAD ZUBAIR	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
YADAV GAURAV VIJAYKUMAR	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
KHANDRE SHRIRAM VIJAY	TYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2021-2022

Course : Skill Enhancement

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Marks

1.What is Flutter?

- A. Flutter is an open-source backend development framework
- B. Flutter is an open-source UI toolkit
- C. Flutter is an open-source programming language for cross-platform applications
- D. Flutter is a DBMS toolkit!

2.Who developed the Flutter Framework and continues to maintain it today?

- A. Facebook
- B. Microsoft
- C. Google
- D. Oracle

3.Which programming language is used to build Flutter applications?

- A. Kotlin
- B. Dart
- C. Java
- D. Go

4.How many types of widgets are there in Flutter?

- A. 2
- B. 4
- C. 6
- D. 8+

5.When building for iOS, Flutter is restricted to an __ compilation strategy

- A. AOT (ahead-of-time)
- B. JIT (Just-in-time)
- C. Transcompilation
- D. Recompilation

6.A sequence of asynchronous Flutter events is known as a:

- A. Flow
- B. Current
- C. Stream
- D. Series

7. Access to a cloud database through Flutter is available through which service?

- A. SQLite
- B. Firebase Database
- C. NOSQL
- D. MYSQL

8. What are some key advantages of Flutter over alternate frameworks?

- A. Rapid cross-platform application development and debugging tools
- B. Future-proofed technologies and UI resources
- C. Strong supporting tools for application development and launch
- D. All of the above

9. What element is used as an identifier for components when programming in Flutter?

- A. Widgets
- B. Keys
- C. Elements
- D. Serial

10. What type of test can examine your code as a complete system?

- A. Unit tests
- B. Widget tests
- C. Integration Tests
- D. All of the above

11. What type of Flutter animation allows you to represent real-world behavior?

- A. Physics-based
- B. Maths-based
- C. Graph-based
- D. Sim-based

12. True or false: Flutter boasts improved runtime performance over most application frameworks.

- A. True
- B. False

13. What command would you use to compile your Flutter app in release mode?

- A. Flutter --release
- B. Flutter build --release
- C. Flutter run --release
- D. Flutter run \$releas

14. Which function will return the widgets attached to the screen as a root of the widget tree to be rendered on screen?

- A. main()
- B. runApp()
- C. container()
- D. root()

15. What is the key configuration file used when building a Flutter project?

- A. pubspec.yaml
- B. pubspec.xml
- C. config.html
- D. root.xml

16. True or false: an experienced Flutter developer doesn't need to know platform native languages or tools to build apps.

A. True

B. False

17. Which component allows us to specify the distance between widgets on the screen?

A. SafeArea

B. SizedBox

C. table

D. AppBar

18. Which widget type allows you to modify its appearance dynamically according to user input?

A. Stateful widget

B. Stateless widget

19. What command would you run to verify your Flutter install and ensure your environment is set up correctly?

A. Flutter run

B. Flutter build

C. Flutter doctor

D. Flutter help

20. Which release mode will not contain any debugging data when run?

A. Profile

B. Debug

C. Release

D. Test

BRACT's
Vishwakarma College of Arts, Commerce and Science
Skill Enhancement
2021-22
Marksheet

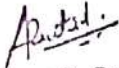
Sr No.	Student Name	Class	Marks
1	ABDUL JAMIL	TYBBA(CA)	15
2	ABDUL WAHAB	TYBBA(CA)	17
3	AHMAD JUNAID	TYBBA(CA)	18
4	AHMAD SHAKIR	TYBBA(CA)	20
5	ALI ALFIYA MOIZ	TYBBA(CA)	18
6	ALI NASIR	TYBBA(CA)	17
7	ALMILIDA ALVISTER MICHAEL	TYBBA(CA)	18
8	ANKAM SAURABH VINOD	TYBBA(CA)	19
9	BALAJI SANIYA SANTOSH	TYBBA(CA)	18
10	BANDAL URVASHI DHANANJAY	TYBBA(CA)	17
11	BIHARI RAO RUGVED MILIND	TYBBA(CA)	18
12	CHAVAN ASHOK TUKARAM	TYBBA(CA)	16
13	CHORDIA KHUSHI RAKESH	TYBBA(CA)	16
14	CHOHAN SURBHI SUDHIR	TYBBA(CA)	17
15	DESAI YASH ARVIND	TYBBA(CA)	18
16	GABUJI MUNIRA SHABBIR	TYBBA(CA)	15
17	GADGE JAYESH SUNIL	TYBBA(CA)	17
18	GAIKWAD LINA VISHNUPANT	TYBBA(CA)	16
19	GERA KSHITIJ DELPAK	TYBBA(CA)	17
20	GHEEWALA TAHER SHAMSHUDIN	TYBBA(CA)	16
21	GHODKE SAURABH MATHURDAS	TYBBA(CA)	19
22	GHOLAP KIRAN MOHAN	TYBBA(CA)	15
23	GIRKAR DILEEPTA DANNY	TYBBA(CA)	18
24	HARISHARAN SRIDHAR NAIDU	TYBBA(CA)	18
25	HONRAO TEJAS SANJAY	TYBBA(CA)	15
26	INGALE VYANKATESH RAJIV	TYBBA(CA)	17
27	JAIN ARYAN MANOJ	TYBBA(CA)	17
28	JAIN SRUSHITI SANJAY	TYBBA(CA)	18
29	JAMADAR AMAAN SUHEL	TYBBA(CA)	13
30	KAMTHE PREM SATISH	TYBBA(CA)	16
31	KHAN ZAINAB IMROZ	TYBBA(CA)	18
32	KHAPRE SARVESH RAMESH	TYBBA(CA)	15
33	LOHAKARI DARSHAN RAJENDRA	TYBBA(CA)	18
34	LONDHE VAISHANAVI NAVNATH	TYBBA(CA)	18
35	LUNKAD SHRUTIKA JITENDRA	TYBBA(CA)	16
36	MAHAJAN NIKHIL GOVINDA	TYBBA(CA)	18
37	MULLA MOHAMMAD SAAD SALIM	TYBBA(CA)	16
38	MUNDADA GOPAL BALAPRASAD	TYBBA(CA)	18
39	MUTHA BHAVESH RAVINDRA	TYBBA(CA)	19
40	NARANG DARSHAN LAKHIMCHAND	TYBBA(CA)	16
41	NASRIN	TYBBA(CA)	16

42	NAVLANI KABIR HARISH	TYBBA(CA)	15
43	NEWALE OMKAR ASHOK	TYBBA(CA)	17
44	NIKKI BHARTI	TYBBA(CA)	18
45	OSWAL VISHAKHA VIDAY	TYBBA(CA)	16
46	PARDI SHI PAYAL RAJKUMAR	TYBBA(CA)	19
47	PARDI SHI PRACHI AKASHI	TYBBA(CA)	15
48	PATANWALA AAMINA FAKHRUDDIN	TYBBA(CA)	18
49	PATIL ROHAN ASHOK	TYBBA(CA)	17
50	PITRODA DARSHAN SAGAR	TYBBA(CA)	16
51	POLLY ROHAN PANNALAL	TYBBA(CA)	17
52	RADHU GULABKUNWAR CHHABU SINGH	TYBBA(CA)	18
53	RAO MAHIMA HIMMAT SINGH	TYBBA(CA)	16
54	RUDANI KARTIK RATHAL	TYBBA(CA)	15
55	SALUNKI ESHA DUTPAK	TYBBA(CA)	19
56	SEJPAL CHINTAN SANJAY	TYBBA(CA)	16
57	SHAIKH ARSHA ARIH	TYBBA(CA)	16
58	SHAIKH MOHD MULLI Z MAQBOOL	TYBBA(CA)	18
59	SHARMA ROHAN ANIL	TYBBA(CA)	17
60	SHINDE AMAN TOMSON	TYBBA(CA)	18
61	SHINDE RUSHIKESH MANGESH	TYBBA(CA)	15
62	SHINDE SWARAJ SANJAY	TYBBA(CA)	17
63	SHINGATE SHRI YA VIDAY	TYBBA(CA)	18
64	SHINTRE SAKSHI SANTOSH	TYBBA(CA)	19
65	SHIOLI YASHRAJ CHANDRAKANT	TYBBA(CA)	17
66	SUTHAR ANUJ DINI SHIBHAI	TYBBA(CA)	13
67	TAGARE PRATIK RAHUL	TYBBA(CA)	15
68	TELDHUNE KATHAN NITIN	TYBBA(CA)	17
69	UKANDE PRASAD SURESH	TYBBA(CA)	18
70	VAIDYA MAYUR MANOHAR	TYBBA(CA)	20
71	YEWALE KAUSTUBH MANISH	TYBBA(CA)	18
72	SHEKTI SAURABH UDHAVAL	TYBBA(CA)	13
73	NAVATI AKSHAY RAJENDRA	TYBBA(CA)	18
74	GHOMAN KUNAL VITTHAL	TYBBA(CA)	16
75	JADHAV GANESH DASHRATH	TYBBA(CA)	15
76	JAIN MITALI TARACHAND	TYBBA(CA)	18
77	JAIN SANCHI JITENDRA	TYBBA(CA)	16
78	PAWAR POONAM SHASHIKANT	TYBBA(CA)	17
79	PANGUL RUTUJA MANOJ	TYBBA(CA)	16

80	MANE SAMIKSHA SAMPAT	TYBBA(CA)	16
81	KOLEKAR CHAITANYA DAMODHAR	TYBBA(CA)	18
82	DHONDGE AJAY BHAGWAN	TYBBA(CA)	19
83	TEMAK MUKUND SUBHASH	TYBBA(CA)	15
84	ABHIIIT BHAGWAN PILANE	TYBSc(CS)	17
85	ADHAV VAIBHAV GAJENDRA	TYBSc(CS)	18
86	AHMAD SAMIM	TYBSc(CS)	20
87	ALLAM SAURAV RAJESH	TYBSc(CS)	17
88	AMRITHA SIVA PRASAD	TYBSc(CS)	18
89	ANGDIKAR PRATHAM SOMNATH	TYBSc(CS)	15
90	ARE RUTUJA ARUN	TYBSc(CS)	17
91	ATAR ALFIYAH KAUSAR SAMEER	TYBSc(CS)	15
92	BATABYAL SOUMYAJIT SUDIP	TYBSc(CS)	15
93	BHAGAT SAGAR GOVINDRAI	TYBSc(CS)	17
94	BHALERAO GANESH DILIP	TYBSc(CS)	18
95	BHONDWE SAKSHI BHUPENDRA	TYBSc(CS)	15
96	BHORADE PRIYANKA RAVINDRA	TYBSc(CS)	17
97	BHOSALE ADITYA SANJAY	TYBSc(CS)	16
98	BHOSALE KUNAL DATTATRAY	TYBSc(CS)	17
99	BIRADAR SUNITA BALU	TYBSc(CS)	18
100	BORA BHAVESH RAVINDRA	TYBSc(CS)	16
101	CHANDEL SHASHWAT SHIVPRATAP	TYBSc(CS)	15
102	CHATLA KOMAL PRASHANT	TYBSc(CS)	19
103	CHAUDHARI DARSHAN RAVINDRA	TYBSc(CS)	16
104	CHAVAN ANIKET BALASAHEB	TYBSc(CS)	16
105	CHAVAN BHUSHAN PRAKASH	TYBSc(CS)	17
106	CHAVAN NEHA TANAJI	TYBSc(CS)	16
107	CHAVAN PRAJAKTA PRATAP	TYBSc(CS)	19
108	CHAVAN PRATIKSHA SUNIL	TYBSc(CS)	18
109	CHAVAN ROHIT RAJENDRA	TYBSc(CS)	17
110	CHOUDHARI ANUSIKA VIJAY	TYBSc(CS)	18
111	CHOUDHARI PRANIL ANIL	TYBSc(CS)	16
112	CHOUDHARY NEELAM SOBARAM	TYBSc(CS)	19
113	DAHIWAI DHIRAJ GANI SHRAO	TYBSc(CS)	15
114	DAINIWAI TASMAY GHANSHYAM	TYBSc(CS)	19
115	DAI VI NAMRATA RAJU	TYBSc(CS)	15
116	DANI SEJAL VIJAY	TYBSc(CS)	16
117	DESHMUKH PRATHAMESH KISHOR	TYBSc(CS)	19
118	DHIMATE PRACHI PRAMOD	TYBSc(CS)	19
119	DHONGADI AVENDRA RAHUL	TYBSc(CS)	14
120	DIKONDA ANIKET BHASKAR	TYBSc(CS)	17
121	DIXIT DEVYANI SHAILENDRA	TYBSc(CS)	18
122	DURGADE SAKSHI RAMRAO	TYBSc(CS)	19
123	GADE SAYALI GANESH	TYBSc(CS)	14
124	GADEWAR LAV VIVEK	TYBSc(CS)	18
125	GAIKWAD CHAITANYA SANTOSH	TYBSc(CS)	16
126	GAIKWAD VISHAL DASHRATH	TYBSc(CS)	19
127	GOLAMBADE RITIK MOHAN	TYBSc(CS)	15
128	GURAV SHRADDHA GANESH	TYBSc(CS)	18
129	HARNEKAR ASAD NURUL AMIN	TYBSc(CS)	18
130	JADHAV MANASI SHREEDHAR	TYBSc(CS)	15
131	JADHAV OMKAR SATISH	TYBSc(CS)	17
132	JADHAV SAYEE SANTOSH	TYBSc(CS)	16
133	JAGDALE PUSHKAR UMESH	TYBSc(CS)	19
134	JAGDHANE ABHISHEK HARI	TYBSc(CS)	14
135	JAGTAP AAKASH SATISH	TYBSc(CS)	15
136	JAGTAP ATHARVA RAHUL	TYBSc(CS)	16
137	JAGTAP YASH ASHOK	TYBSc(CS)	18
138	JAMADAR RIYANA RASHID	TYBSc(CS)	16

139	JANHAVI NIMJE	TYBSc(CS)	19
140	JOSHI NEERAJ SANJAYKUMAR	TYBSc(CS)	16
141	KADAM MAYUR DILIP	TYBSc(CS)	17
142	KADAM SHUBHAM SHANKAR	TYBSc(CS)	15
143	KALAI GAYATHRI HANI MANTI	TYBSc(CS)	18
144	KANJARIYA BHENA JHANSRAJ	TYBSc(CS)	18
145	KANKATI MANSI CHANDRAKANT	TYBSc(CS)	17
146	KANOJIA ASHISH PAJENDRA	TYBSc(CS)	18
147	KARNIK ATHARVA ASHISH	TYBSc(CS)	18
148	KATARIYA SUJAL PRAVIN	TYBSc(CS)	15
149	KATKI DHANANJAY ANIL	TYBSc(CS)	17
150	KHANDALE YASH SURESH	TYBSc(CS)	17
151	KHATAVKAR ADITI RAVINDRA	TYBSc(CS)	18
152	KONDHARE SAHIL RAHUL	TYBSc(CS)	19
153	KSHIRSAGAR AISHWARYA MOHAN	TYBSc(CS)	14
154	KUKKAR SOHAM AVINASH	TYBSc(CS)	17
155	LOKHANDE ABHISHIK DADASAHIB	TYBSc(CS)	19
156	LUNAWAT ANJALI SANDEEP	TYBSc(CS)	18
157	MAHADIK PRANAY DAYARAM	TYBSc(CS)	17
158	MAHENDRAKAR PRANALI VISHWANATHI	TYBSc(CS)	18
159	MANDAL SOHAM GOURANGA	TYBSc(CS)	16
160	MANDHARE AKANKSHA RAJENDRA	TYBSc(CS)	15
161	MANDHARE NIKHIL VILHAI	TYBSc(CS)	17
162	MASKAR SHRUTI ARUN	TYBSc(CS)	19
163	MAURYA HIMANSHU JAIPRAKASH	TYBSc(CS)	15
164	MILHA AYUSH ASHISH	TYBSc(CS)	16
165	MIRGAL NIRAJ SUNIL	TYBSc(CS)	18
166	MISHRA CHANCHAL UMESH	TYBSc(CS)	16
167	MOHITE DIVYA DILIP	TYBSc(CS)	15
168	MORI NAYAN NIVRUTHI	TYBSc(CS)	17
169	MORI SOHAM SHANKAR	TYBSc(CS)	16
170	NAIK PRASHANT BHAGWAT	TYBSc(CS)	19
171	NAIK WADI AKIB ISMAIL	TYBSc(CS)	17
172	NANI SHA KARAN HARISH	TYBSc(CS)	19
173	NARIKTAKI ANIL	TYBSc(CS)	17
174	NIRALA PRIYASHIKUMAR SHIVCHANDRA	TYBSc(CS)	18
175	NISHAD DURGESH MOHAN	TYBSc(CS)	16
176	NISHAD HIMANSHU LALIT	TYBSc(CS)	19
177	NISHAD NITLAM MOHANKUMAR	TYBSc(CS)	15
178	OTARI ATHARVA RANJIT	TYBSc(CS)	16
179	PACHPULE PRAVIG SANJAY	TYBSc(CS)	18
180	PALANDE PRAKASH PRASHANT	TYBSc(CS)	18
181	PANSARE JUBIR HARUN	TYBSc(CS)	18
182	PARDI SHI PRATIKSHA SHIVANARAYAN	TYBSc(CS)	19
183	PARDI SHI SANYOG GOPAL SINGH	TYBSc(CS)	16
184	PARTIK PINKY PAVAN	TYBSc(CS)	15
185	PARTHI VAISNAVI SANDEEP	TYBSc(CS)	19
186	PATHI DINI SHI RAJENDRA	TYBSc(CS)	19
187	PATHI MANISH MOHAN	TYBSc(CS)	16
188	PATHI RASIKA JANARDAN	TYBSc(CS)	17
189	PATHI SAKSHI MANOJ	TYBSc(CS)	15
190	PATHI SHAMBU RAJ SUHAS	TYBSc(CS)	16
191	PAWAR DUSHYANT YOGESH	TYBSc(CS)	19
192	PAWAR NIKITA TANAJI	TYBSc(CS)	14

210	SHAIKH ASIM GAFFAR	TYBSc(CS)
211	SHAIKH AZIM MUSTAFA	TYBSc(CS)
212	SHAIKH NUMAAN KHALID	TYBSc(CS)
213	SHAIKH SHADAB AHMED	TYBSc(CS)
214	SHAIKH UJEF NISAR	TYBSc(CS)
215	SHARMA RADHA PHOOL	TYBSc(CS)
216	SHARMA SANDIP JAYPRAKASH	TYBSc(CS)
217	SHARMA YASH SURAJ	TYBSc(CS)
218	SHENDKAR NIKITA SURESH	TYBSc(CS)
219	SHINDE ROHAN DEVDAS	TYBSc(CS)
220	SHINDE SANKET SANJAY	TYBSc(CS)
221	SHIRKE PRATHAMESH PRAVIN	TYBSc(CS)
222	SHITOLE YUVRAJ SANJAY	TYBSc(CS)
223	SHUKLA SAGAR UMASHANKAR	TYBSc(CS)
224	SINGH KUSHAV R BHANWAR	TYBSc(CS)
225	SURYAWANSHI VAISHNAVI VITTHAL	TYBSc(CS)
226	TAKAWALE MAYUR MOHAN	TYBSc(CS)
227	TAMBOLI SAMEER NOOR M	TYBSc(CS)
228	TILHARE MAYUR JAGANNATH	TYBSc(CS)
229	TOGURAGE AMBIKA BANDAPPA	TYBSc(CS)
230	UBALE SHIVAM MAHESH	TYBSc(CS)
231	WAWALE KIRAN SURESH	TYBSc(CS)
232	YADAV NAGESHWARKUMAR VIJENDRA	TYBSc(CS)
233	YADAV SANKET VIJAY	TYBSc(CS)
234	ZAD SHRUTI YOGESH	TYBSc(CS)
235	ZAMBAD SAMIKSHA SANJAY	TYBSc(CS)
236	ZOYA	TYBSc(CS)
237	DEORE RUSHIKESH MANOHAR	TYBSc(CS)
238	SHARMA LAKHAN KRISHINA	TYBSc(CS)
239	DEGAONKAR GAURI PRAVEEN	TYBSc(CS)
240	MAHADIK SANKET UTTAM	TYBSc(CS)
241	LOKHANDE ATHARV KRISHINA	TYBSc(CS)
242	YENDHE PRASAD RAJENDRA	TYBSc(CS)
243	VATHAR AKASH KHAJAPPA	TYBSc(CS)
244	KHAPARE ESHA RAVINDRA	TYBSc(CS)
245	PATIL SEJAL SUBHASH	TYBSc(CS)
246	THORAT SUCHITAN REVANKUMAR	TYBSc(CS)
247	MANDHARI NISHA SUSHANT	TYBSc(CS)
248	PATIL RAHUL RAJESH	TYBSc(CS)
249	MOHAMMAD ZUBAIR	TYBSc(CS)
250	YADAV GAURAV VIJAYKUMAR	TYBSc(CS)
251	KHANDRI SHIRAM VIJAY	TYBSc(CS)


 Dr. Arun R. Patil
 PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 048.





Bansihal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE

SKILL ENHANCEMENT

This certificate is presented to Mr./Ms. **Dixit Devyani** of **TYBSc-CS** for successfully completing **Skill Enhancement** of **30 hrs** duration from **5th May 2021 to 12th October 2022**, for the Academic Year 2021-22, organized by Vishwakarma College of Arts, Commerce and Science, Pune.

Prof. Anjum A. Patel

Co-ordinator - IQAC

Dr. Shital P. Mantri

HOD - Commerce
Department

Prof. Sudhir D. Chitnis

HOD - Computer
Science Department

Dr. Arun R. Patil

Principal

2020-21



BRACT'S


**VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 01/12/2020


Notice

All students of BBA & FYBBA(IB) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on “Personality and Soft Skill Development” from 12/12/2020 to 01/01/2021 at 6:00pm to 8:00pm. Registration is mandatory for all.

Online Platform – Google Meet


HOD

(Commerce)


HOD

(Science)


Principal

Dr. Anil K. Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Personality And Soft Skill Development
 2020-21
Enrolled Student List

Sr No.	Student Name	Class
1	AFFRID SHAJI	FYBBA(IB)
2	AGARWAL BHANU RAGHUVEER	FYBBA(IB)
3	AGARWAL SAKSHI PURUSHOTTAM	FYBBA(IB)
4	ANSARI KASIM RAJES	FYBBA(IB)
5	BANSAL TANISH PAWAN	FYBBA(IB)
6	BORA VIPUL SATISH	FYBBA(IB)
7	CHAKARANARAYAN OSCAR SUNIL	FYBBA(IB)
8	CHANDARGE AKSHATA NARSINGH	FYBBA(IB)
9	CHAUDHARI DEVASHISH	FYBBA(IB)
10	CHHAJED SEJAL SUNIL	FYBBA(IB)
11	CHORDIYA AARYA RAVINDRA	FYBBA(IB)
12	CHOUDHARY MANOJ OMPRAKASH	FYBBA(IB)
13	DALVI PRATIK PRASHANT	FYBBA(IB)
14	DHOKA RAJ RAHUL	FYBBA(IB)
15	DILAWAR ADAM MURTAZA	FYBBA(IB)
16	EKTA SHARMA	FYBBA(IB)
17	ELENA MARSHALL	FYBBA(IB)
18	GADHVI MEENA SAMRA	FYBBA(IB)
19	GODHWANI SAHIL RAJIV	FYBBA(IB)
20	GUPTA PRANAV SUSHIL	FYBBA(IB)
21	JADHAV PRATHAMESH PRASHANT	FYBBA(IB)
22	JAIN BHUVAN DEVICHAND	FYBBA(IB)
23	JAIN DIYA LALIT	FYBBA(IB)
24	JAIN JAY SANJAY	FYBBA(IB)
25	JAIN PRIYANSH SHRIPAL	FYBBA(IB)
26	JAIN ROHIT ASHOK	FYBBA(IB)
27	JHA HRITIK AJI	FYBBA(IB)
28	KADAM SAKSHI SANDEEP	FYBBA(IB)
29	KARNAWAT UTKARSH PARAS	FYBBA(IB)
30	KATWE OM SACHIN	FYBBA(IB)
31	KHAN SANIYA MOHAMMAD YAQUB	FYBBA(IB)
32	KHANTER YASH MAHAVIR	FYBBA(IB)
33	KHINVASARA NIRAJ ASHOK	FYBBA(IB)
34	KOTWAL MOHAMMED ARIHAM GUDULAL	FYBBA(IB)

35	KULKARNI SWARAJ SANTOSH	FYBBA(IB)
36	KUWAD VIKESH NARESH	FYBBA(IB)
37	LAMA DHAWA PEMA NEHMA	FYBBA(IB)
38	LIMBACHIYA MEET ASHWIN	FYBBA(IB)
39	LODHA RUHI HITESH	FYBBA(IB)
40	MASALIYA TANISHKA AMIT	FYBBA(IB)
41	MEHTA CHIRAG KALPESH	FYBBA(IB)
42	MOIZ HAFIZ	FYBBA(IB)
43	MULAY AVNEESH GURUDATTA	FYBBA(IB)
44	NAIDU GOKUL SURYANARAYAN	FYBBA(IB)
45	NALAGE ATHARVA UMESH	FYBBA(IB)
46	NAVLAKHA SHREYA AADESH	FYBBA(IB)
47	NIBJIYA PRANIT DINESH	FYBBA(IB)
48	OSWAL HARSH RAJESH	FYBBA(IB)
49	OSWAL JAY SACHIN	FYBBA(IB)
50	OSWAL PRATHAM SANJAY	FYBBA(IB)
51	OSWAL RONAK MAHENDRA	FYBBA(IB)
52	PAKHARSANGAVE ANAND ARJUN	FYBBA(IB)
53	PATEL KOMAL SUNIL	FYBBA(IB)
54	PATEL LEENA RAJESH	FYBBA(IB)
55	PATIL AKSHADA DNYANESHWAR	FYBBA(IB)
56	PAWAR SRUSHTI NIVRUTTI	FYBBA(IB)
57	PHALANE ADHIESH SANJAY	FYBBA(IB)
58	PRATAPGARHWALA MOHAMMED HASAN	FYBBA(IB)
59	RANGWALA AZIZ KUTUBUDDIN	FYBBA(IB)
60	RANPURA VIDHI VISHAL	FYBBA(IB)
61	RATHI VEDANT NARENDRA	FYBBA(IB)
62	RATHOD KUSH ANAND	FYBBA(IB)
63	REWATKAR SAHIL NITIN	FYBBA(IB)
64	SALVI ANGHA ANANT	FYBBA(IB)
65	SAYYAD SAADAHMED MOINUDDIN	FYBBA(IB)
66	SHAH DWIJ SAURABH	FYBBA(IB)
67	SHAH SHRIYA KISHORE	FYBBA(IB)
68	SHAIKH FARAZUDDIN NASIRUDDIN	FYBBA(IB)
69	SHAIKH FARHAN NAZEER	FYBBA(IB)
70	SHINDE MANDAR VIJAY	FYBBA(IB)
71	SHINGATE JAY RAJESH	FYBBA(IB)
72	SHINGAVI ANEESHA SACHIN	FYBBA(IB)
73	TANNA PARTH MUKESH	FYBBA(IB)
74	THAKKAR MITESH JAGDISH	FYBBA(IB)
75	THAKKAR NIRAJ SUNIL	FYBBA(IB)
76	TOLANI BHAVESH JITENDRA	FYBBA(IB)
77	VATSAL RAWAL	FYBBA(IB)

78	VISHWAKARMA KHUSHI SUGRIV	FYBBA(IB)
79	XAVIER ANDREA AUGUSTINE	FYBBA(IB)
80	YEWALE RANVEER KIRAN	FYBBA(IB)
81	ZAIB SADIQUE SACHE	FYBBA(IB)
82	ZAINAB ISHTIYAK DALVI	FYBBA(IB)
83	GANDHI KAMNA KIRAN	FYBBA(IB)
84	JADEJA DEV GHANSHYAM	FYBBA(IB)
85	SHISHIR SINGH	FYBBA(IB)
86	SOMINENI BHARGAVI NAGESH	FYBBA(IB)
87	HIMANSHU PANDIT	FYBBA(IB)
88	ABHAY NAGENDRAPRATAP SINGH	FYBBA
89	DIVATE ABHISHEK ARJUN	FYBBA
90	ADITYA KHANDELWAL	FYBBA
91	CHITURKAR ATHARV AVINASH	FYBBA
92	OZA ATHARVA SANTOSH	FYBBA
93	BAGADE ATHARVA SANJAYKUMAR	FYBBA
94	BARAVKAR MRUNAL NANDKUMAR	FYBBA
95	BHAIRAV PALESHA	FYBBA
96	BHAMARE GAURAV SANJAY	FYBBA
97	BHOMAWAT AMEY HITESH	FYBBA
98	PATEL BHOOMI VIJAY	FYBBA
99	CHHTIJA KRISHNA SANJAY	FYBBA
100	CHODHARY PAVAN POKARRAM	FYBBA
101	DHOLE SAHIL SACHIN	FYBBA
102	GAD SANJANA SAMEER	FYBBA
103	GADE OM VISHWASRAO	FYBBA
104	GANDHI NIHAR LALIT	FYBBA
105	GANDHI RISHABH GANESH	FYBBA
106	HARSH PATEL	FYBBA
107	HATIM BHIMPUR	FYBBA
108	HAWARE ATHARVA UDAY	FYBBA
109	HEDA SHUBHANGI MUKESH	FYBBA
110	JAIN RISHABH MAHAVIR	FYBBA
111	JAIN VARUN DEEPAK	FYBBA
112	DOSHI JAINAM HIMAL	FYBBA
113	TALESARA JATIN VIMALRAJ	FYBBA
114	JODHAWAT DARSHAN DEEPAK	FYBBA
115	KACHI ATHARVA HEMANT	FYBBA
116	KADAM MOHIT VINOD	FYBBA
117	KAKADE PRANAV PRAKASH	FYBBA
118	KAMBLE KIMAYA PARIMAL	FYBBA
119	KAMLAPURE GOVIND NITIN	FYBBA
120	KATKAR AASTHA RAMESH	FYBBA
121	KHANDELWAL VINIT UTTAM	FYBBA
122	PATEL KHUSHI DAMODAR	FYBBA
123	DUMBRE MAITHILI PRASANNA	FYBBA
124	MEHTA IESHA RAMESH	FYBBA

125	MEHTA LAVESH PANKAJ	FYBBA
126	LONE MEHWISH NISAR	FYBBA
127	MEMON AMAAN SOYEB	FYBBA
128	PAREEK MIT NAKSHI ASHOK	FYBBA
129	MODI PALASH SUNIL	FYBBA
130	MURSAL SAHIL NIYAJ	FYBBA
131	MUTHA DISHAN PARESH	FYBBA
132	JAIN NEERAJ RANJEET	FYBBA
133	PATEL NIMISHA DHIRAJ	FYBBA
134	OSWAL HARSHI BHARAT	FYBBA
135	OSWAL LIKHIT DINESH	FYBBA
136	PALRECHA DARSHAN NITESH	FYBBA
137	PANDEY AKASH SHIV KUMAR	FYBBA
138	PANDIT RAJ DEVRAM	FYBBA
139	PATEKAR ABHISHEK DATTATRAYA	FYBBA
140	PATEL ALAM LATIF	FYBBA
141	PATIL PRAPTI UDAY	FYBBA
142	PORWAL DHRUV NILESH	FYBBA
143	PORWAL TEJASHRI SANJAY	FYBBA
144	BAFNA PREETI ANAND	FYBBA
145	RATHOD DHRUV VIJAY	FYBBA
146	RATHOD KARISHMA NARENDRA	FYBBA
147	RATHOD VINITA RAJU	FYBBA
148	MEGHAWAT ROHIT RAMESH	FYBBA
149	ANSARI RUMMAN ATIK	FYBBA
150	JAIN RUSHALI MANOJKUMAR	FYBBA
151	KADAM SAHIL SANDEEP	FYBBA
152	SALUNKHE OMKAR KESHAV	FYBBA
153	TOKSHIYA SANJAL SUKESH	FYBBA
154	SAVE RUSHEEL RAHUL	FYBBA
155	SHAH JAY MEHUL	FYBBA
156	SHAH JAY SHAILENDRA	FYBBA
157	SHAH KRISHA HITESH	FYBBA
158	SHAIKH ADIL FAROOQ	FYBBA
159	SHAIKH AYAN ILYAS	FYBBA
160	SHAIKH MUZZAMMIL ABDUL WAHID	FYBBA
161	SHAIKH OWAIS ABDUL HAQUE	FYBBA
162	SHAIKH RAHEEL ABDUL WAHAB	FYBBA
163	SOLANKI ANSH MANISH	FYBBA
164	THAKKAR RIYA NILESH	FYBBA
165	TIMBADIA KANCHI VIPUL	FYBBA
166	VETAL ATHARVA UDAY	FYBBA
167	PATEL VINIT NARENDRA	FYBBA
168	WASDEV ROHIT KAMAL	FYBBA
169	BHAGWAN YASH RAJARAM	FYBBA
170	KAMBLE YASHODEEP JASWANT	FYBBA
171	TANK YASH RAJESH	FYBBA
172	OM UDDHAV DHONGADE	FYBBA
173	OSWAL MOKSH YOGESH	FYBBA



Arun R. Patil
 Dr. Arun R. Patil
 PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 048.

BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

2020-21

Value Added Course

PERSONALITY AND SOFT SKILL DEVELOPMENT

Course Objectives:

- To make students know about self-awareness, life skills, need for personal development etc.,
- To develop skills of effective communication both written and oral.
- To help students to acquaint themselves with application of communication skills in the world of business.

Duration of the Program:

Certificate course in personality development is a 15 days program for 30 hours of lectures.

Course Content:

Unit no.	Teaching Hours	Unit Title	Contents
1	6 Hours	Personality	<ul style="list-style-type: none">• Definition• Elements of Personality• Determinants of Personality
2	6 Hours	Personal Grooming & Body Language	<ul style="list-style-type: none">• Personal Hygiene• Social Effectiveness• Business Etiquettes (Power Dressing)• Types of Body Language• Functions of Body Language• Role of Body Language

3	6 Hours	Attitude & Motivation	<ul style="list-style-type: none"> • Attitude, Concept , Significance, Factors affecting attitudes, Positive attitude, Advantages, Negative attitude, Disadvantages • Ways to develop positive attitude • Differences between personalities having positive and negative attitude. • Concept of motivation, Significance, Internal and external motives, Importance of self, motivation, Factors leading to de-motivation
4	6 Hours	Art of Good Communication	<ul style="list-style-type: none"> • Meaning • Verbal & Non-Verbal Communication • Difference between Oral and Written Communication • 7Cs of Effective Communication • Significance of Effective Communication
5	6 Hours	Employability Quotient	<ul style="list-style-type: none"> • Resume building • The art of participating in Group Discussion • Facing the Personal (HR & Technical) Interview • Frequently Asked Questions • Psychometric Analysis - Mock Interview Sessions

Expected Outcome:

- Students can learn about themselves, about others, and about the world and humanity.
- Ability to understand the implication of effective communication.
- To create appropriate understanding of written communication in life.
- To build student proficient for different purpose for different organization

Spandan

143	POORVAL TEJASHRI SANJAY	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
144	DAFNA PREETI ANAND	FYBBA	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
147	RATHOD DHRUV VIJAY	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
148	RATHOD KARISHMA NARENDRA	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
147	KATHOD VINITA RAJU	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
148	MEGHAWAT ROHIT RAMESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
149	ANSARI RUMSIAN AFIK	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
150	JAIN RI SHAU MANDOLIMAR	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
151	KADAM SAHIL SANDEEP	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
152	SALUNAJHE OMKAR KESHAV	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
153	TOANBIYA SANJAI SUKESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
154	SAVE RUSHIJI RAHUL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
155	SHAH JAY MEHIL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
156	SHAH JAY SHARADRA	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
157	SHAH KRISHA HITESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
158	SHAIKH ADIL FAROOQ	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
159	SHAIKH AYAN ILYAS	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
160	SHAIKH MUZZAMMIL ABDUL WAHID	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
161	SHAIKH OWAIS ABDUL HAQUEE	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
162	SHAIKH RAHEEL ABDUL WAHAB	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
163	SOLANKI ANSHI MANISH	FYBBA		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
164	THAKAR RIYA NEESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
165	TIMBAGIA KANCHI VIPUL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
166	VETAL ADARVA UDAY	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
167	PATEL VINIT NARENDRA	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
168	WASDEV RAHAT KAMAL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
169	BHAGWAN YASH RAJARAM	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
170	KAMBLE YASHDEEPP JASWANT	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
171	TANK YASH RAJESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
172	KOM UDDEYAY GHONGADE	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
173	OSWAL MOKSH YOGESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRAC's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2020-2021

Course : Personality And Soft Skills Developments

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. Communication is a non-stop _____.

(A) Paper (B) process

(C) programme (D) plan

2. Communication is a part of _____ skills.

(A) Soft (B) hard

(C) rough (D) short

3. The _____ is the person who transmits the message.

(A) Receiver (B) driver

(C) sender (D) cleaner

4. _____ is the person who notices and decodes and attaches some meaning to a message.

(A) Receiver (B) driver

(C) sender (D) cleane

5. Message is any signal that triggers the response of a _____

(A) Receiver (B) driver

(C) sender (D) cleaner

6. The response to a sender's message is called _____

(A) Food bank (B) feedback

(C) food (D) back

7. _____ context refers to the relationship between the sender and the receiver

(A) Social (B) physical

(C) cultural (D) chronological

8. _____ context refers to the similarity of backgrounds between the sender and the receiver.

(A) Physical (B) social

(C) chronological (D) cultural

9. _____ refers to all these factors that disrupt the communication.

(A) Nonsense (B) noise

(C) nowhere (D) nobody

10. Environmental barriers are the same as _____ noise.

(A) Physiological (B) psychological

(C) physical (D) sociological

11. Our dress code is an example of _____ communication.

(A) Verbal (B) nonverbal

(C) written (D) spoken

12. Communication strengthens _____ & _____ relationship is an organization.

(A) employer-father (B) employer-employer

(C) mother-employer (D) mother-child

13. _____ communication includes tone of voice body language, facial expressions etc.

(A) Nonverbal (B) verbal

(C) letter (D) notice

14. When there is similarity of background between the sender and the receiver such as age, language nationality, religion, gender then this is called _____ context.

- (A) social (B) cultural
(C) physical (D) dynamic

15. Letter, e-mail telephone are examples of _____

- (A) message (B) feedback
(C) channel (D) encoding

16. Understanding _____ different parts of speech forms the base of learning grammar

- (A) Five (B) Eight
(C) Six (D) Seven

17. It is of paramount importance that one need to construct a _____ sentence in the day to day affairs

- (A) Correct (B) Wrong

(C) Incorrect (D) Night Answer:-B 18. A _____ way be defined as the name of a person place or thing

- (A) Verb (B) Noun
(C) Pronoun (D) Adverb

19. According to hoben _____ communication is the _____ nituchange of thought or idea.

- (A) Visual (B) Audio
(C) Verbal (D) Written

20. The person who transmits the message is called the _____ or

- (A) Sender (B) Gives
(C) Taker (D) Receiver

BRACT's
Vishwakarma College of Arts, Commerce and Science
Personality And Soft Skill Development
 2020-21
Marksheet

Sr. No.	Student Name	Class	Marks
1	AURELIY SHAH	FYBBA(IB)	14
2	AGARWAL BHANI RAGHUVIR	FYBBA(IB)	18
3	AGARWAL SAKSHI PURUSHOTTAM	FYBBA(IB)	17
4	ANSARI KASIM RAJES	FYBBA(IB)	16
5	BANSAL TANISHI PAWAN	FYBBA(IB)	19
6	BORA VIJAY SATISH	FYBBA(IB)	15
7	CHAKRANARAYAN OSCAR SUNIL	FYBBA(IB)	18
8	CHANDARGI AKSHATA NARSINGH	FYBBA(IB)	19
9	CHAU DHARIDEVA ANSHU	FYBBA(IB)	18
10	CHHAJED SIJAL SUNIL	FYBBA(IB)	17
11	CHORDIYA AARYA RAVINDRA	FYBBA(IB)	17
12	CHOUDHARY MANOJ OMPRAKASH	FYBBA(IB)	18
13	DALVI PRATIK PRASHANT	FYBBA(IB)	19
14	DHOKA RAJ RAHUL	FYBBA(IB)	14
15	DILAWAR ADAM MURTAZA	FYBBA(IB)	17
16	EKTA SHARMA	FYBBA(IB)	19
17	ELENA MARSHALL	FYBBA(IB)	16
18	GADHVI MEENA SAMRA	FYBBA(IB)	18
19	GODHWANI SAHIL RAJIV	FYBBA(IB)	15
20	GUPTA PRANAV SUSHIL	FYBBA(IB)	18
21	JADHAV PRATHAMESH PRASHANT	FYBBA(IB)	16
22	JAIN BHUVAN DEVICHAND	FYBBA(IB)	17
23	JAIN DIYA LALIT	FYBBA(IB)	18
24	JAIN JAY SANJAY	FYBBA(IB)	15
25	JAIN PRIYANSH SHRIPAL	FYBBA(IB)	17
26	JAIN ROHIT ASHOK	FYBBA(IB)	16
27	JHA HRITIK AJIT	FYBBA(IB)	19
28	KADAM SAKSHI SANDEEP	FYBBA(IB)	18
29	KARNAWAT UTKARSH PARAS	FYBBA(IB)	17
30	KATWE OM SACHIN	FYBBA(IB)	18
31	KHAN SANYA MOHAMMAD YAQUB	FYBBA(IB)	16
32	KHANTER YASH MAHAVIR	FYBBA(IB)	15
33	KHINVASARA NIRAJ ASHOK	FYBBA(IB)	18
34	KOTWAL MOHAMMED ARIHAM	FYBBA(IB)	19
35	KULKARNI SWARAJ SANTOSH	FYBBA(IB)	16

36	KUWAD VIKESH NARESH	FYBBA(IB)	17
37	LAMA DHAWA PEMA NEHMA	FYBBA(IB)	15
38	LIMBACHIYA MEET ASHWIN	FYBBA(IB)	16
39	LODHA RUHI HITESH	FYBBA(IB)	19
40	MASALIYA TANISHKA AMIT	FYBBA(IB)	14
41	MEHTA CHIRAG KALPESH	FYBBA(IB)	18
42	MOIZ HAFIZ	FYBBA(IB)	17
43	MULAY AVNEESH GURUDATTA	FYBBA(IB)	17
44	NAIDU GOKUL SURYANARAYAN	FYBBA(IB)	16
45	NALAGE ATHARVA UMESH	FYBBA(IB)	17
46	NAVLAKHA SHREYA AADESH	FYBBA(IB)	17
47	NIBJIYA PRANIT DINESH	FYBBA(IB)	18
48	OSWAL HARSH RAJESH	FYBBA(IB)	19
49	OSWAL JAY SACHIN	FYBBA(IB)	14
50	OSWAL PRATHAM SANJAY	FYBBA(IB)	17
51	OSWAL RONAK MAHENDRA	FYBBA(IB)	18
52	PAKHARSANGAVE ANAND ARJUN	FYBBA(IB)	15
53	PATEL KOMAL SUNIL	FYBBA(IB)	16
54	PATEL LEENA RAJESH	FYBBA(IB)	18
55	PATIL AKSHADA DNYANESHWAR	FYBBA(IB)	16
56	PAWAR SRUSHTI NIVRUTTI	FYBBA(IB)	18
57	PHALANE ADHIESH SANJAY	FYBBA(IB)	16
58	PRATAPGARHWALA MOHAMMED HASAN	FYBBA(IB)	19
59	RANGWALA AZIZ KUTUBUDDIN	FYBBA(IB)	14
60	RANPURA VIDHI VISHAL	FYBBA(IB)	18
61	RATHI VEDANT NARENDRA	FYBBA(IB)	17
62	RATHOD KUSH ANAND	FYBBA(IB)	18
63	REWATKAR SAHIL NITIN	FYBBA(IB)	17
64	SALVI ANGHA ANANT	FYBBA(IB)	17
65	SAYYAD SAADAHMED MOINUDDIN	FYBBA(IB)	16
66	SHAH DWIJ SAURABH	FYBBA(IB)	19
67	SHAH SHRIYA KISHORE	FYBBA(IB)	14
68	SHAIKH FARAZUDDIN NASIRUDDIN	FYBBA(IB)	18
69	SHAIKH FARHAN NAZEER	FYBBA(IB)	17
70	SHINDE MANDAR VIJAY	FYBBA(IB)	18
71	SHINGATE JAY RAJESH	FYBBA(IB)	16
72	SHINGAVI ANEESHA SACHIN	FYBBA(IB)	18
73	TANNA PARTH MUKESH	FYBBA(IB)	18
74	THAKKAR MITESH JAGDISH	FYBBA(IB)	17
75	THAKKAR NIRAJ SUNIL	FYBBA(IB)	16
76	TOLANI BHAVESH JITENDRA	FYBBA(IB)	15
77	VATSAL RAWAL	FYBBA(IB)	17
78	VISHWAKARMA KHUSHI SUGRIV	FYBBA(IB)	18
79	XAVIER ANDREA AUGUSTINE	FYBBA(IB)	16
80	YEWALE RANVEER KIRAN	FYBBA(IB)	17
81	ZAIB SADIQUE SACHE	FYBBA(IB)	19
82	ZAINAB ISHTIYAK DALVI	FYBBA(IB)	15
83	GANDHI KAMNA KIRAN	FYBBA(IB)	16
84	JADEJA DEV GHANSHYAM	FYBBA(IB)	19
85	SHISHIR SINGH	FYBBA(IB)	14

86	SOMINENI BHARGAVI NAGESH	FYBBA(BB)	18
87	HIMANSHU PANDIT	FYBBA(BB)	17
88	AHILAY NAGI NDRAPRATAP SINGH	FYBBA	19
89	DIVATE ABHISHEK ARJUN	FYBBA	16
90	ADITYA KHANDEI WAL	FYBBA	18
91	CHITURKAR ATHARVA AVINASH	FYBBA	18
92	OZA ATHARVA SANTOSH	FYBBA	17
93	BAGADE ATHARVA SANJAYKUMAR	FYBBA	16
94	BHARAVKAR MIRUNAL NANDKUMAR	FYBBA	15
95	BHARAV PALESHA	FYBBA	17
96	BHAMBARE GAURAV SANJAY	FYBBA	18
97	BHOMAWAT AMEY HITESH	FYBBA	20
98	PATEL BHOOMI VIJAY	FYBBA	17
99	CHITTIJA KRISHINA SANJAY	FYBBA	15
100	CHOUDHARY PAVAN POKARRAM	FYBBA	14
101	DIOLE SAHIL SACHIN	FYBBA	19
102	GAD SANJANA SAMEER	FYBBA	19
103	GADE OM VISHWASRAO	FYBBA	16
104	GANDHI NIHAR LALIT	FYBBA	17
105	GANDHI RISHABI GANESH	FYBBA	15
106	HARSHI PATEL	FYBBA	15
107	HATIM BHIMPUR	FYBBA	16
108	HAWARE ATHARVA UDAY	FYBBA	18
109	HEDA SHUBHANGI MUKESH	FYBBA	18
110	JAIN RISHABI MAHAVIR	FYBBA	17
111	JAIN VARUN DEEPAK	FYBBA	18
112	DOSHI JAINAM HIMAL	FYBBA	18
113	TALESARA JATIN VIMALRAJ	FYBBA	15
114	JODHAWAT DARSHAN DEEPAK	FYBBA	17
115	KACHHATHARVA HEMANT	FYBBA	17
116	KADAM MOHIT VINOD	FYBBA	18
117	KAKADE PRANAV PRAKASH	FYBBA	19
118	KAMBLE KIMAYA PARIMAL	FYBBA	14
119	KAMLAPURE GOVIND NITIN	FYBBA	18
120	KATKAR AASTHA RAMESH	FYBBA	17
121	KHANDELWAL VINIT UTTAM	FYBBA	16
122	PATEL KHUSHI DAMODAR	FYBBA	19
123	DUMBRE MATTHILI PRASANNA	FYBBA	15
124	MEHTA HESHA RAMESH	FYBBA	18
125	MEHTA LAVESH PANKAJ	FYBBA	18
126	LONE MEHWISH NISAR	FYBBA	15
127	MEMON AMAAN SOYEB	FYBBA	17
128	PAREEK MEENAKSHI ASHOK	FYBBA	17
129	MODI PALASH SUNIL	FYBBA	18
130	MURSAL SAHIL NIYAJ	FYBBA	19
131	MUTHA DISHAN PARESH	FYBBA	14
132	JAIN NEERAJ RANJEET	FYBBA	13
133	PATEL NIMISHA DHIRAJ	FYBBA	16
134	OSWAL HARSH BHARAT	FYBBA	18
135	OSWAL LIKHIT DINESH	FYBBA	15
136	PALRECHA DARSHAN NITESH	FYBBA	16
137	PANDEY AKASH SHIV KUMAR	FYBBA	17
138	PANDIT RAJ DEVRAM	FYBBA	17
139	PATEKAR ABHISHEK DATTATRAYA	FYBBA	18

140	PATEL ALAM LATIF	FYBBA	16
141	PATIL PRAPTI UDAY	FYBBA	15
142	PORWAL DHRUV NILESH	FYBBA	15
143	PORWAL TEJASHRI SANJAY	FYBBA	19
144	BAFNA PREETI ANAND	FYBBA	18
145	RATHOD DHRUV VIJAY	FYBBA	16
146	RATHOD KARISHMA NARENDRA	FYBBA	16
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155	SHAH JAY MEHUL	FYBBA	20
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173	OSWAL MOKSH YOGESH	FYBBA	15

S. Danm
HOD

A. Prasad
Dr. A. Prasad
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

CERTIFICATE

This certificate is presented to

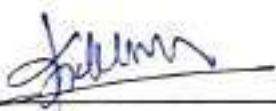
Ansari Rumman Atik

Has completed

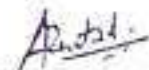
Personality & Soft Skill Development

FYBBA / ~~FYBBA (IB)~~

for 30 Hrs (Academic year 2020-21) for semester I
and awarded B Grade.



Authorised Signatory
Era Edu-Tech, Pune



Authorised Signatory
Vishwakarma Collage of Arts,
Commerce And Science, Pune

Certificate No :

VCACS/20-21/004



Date of Issue :

05 March 2021



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 25/01/2021

Notice

All students of FYBSc (CS) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on "Employability Skill Enhancement program" from 02/02/2021 to 09/02/2021. Daily 08:00 am to 12:00 pm .

Online Platform: Google Meet

V. K. Patil
HOD

(Science)

Dr. Arun K. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Employability Skills Enhancement Programme
2020-21
Enrolled Student List

Sr No.	Student Name
1	AGARWAL TANVI HEMANT
2	AMOLIK MANAV SANDEEP
3	BHATT BHAKTI NIRBHAY
4	BHOME ATHARV VISHNU
5	CALCUTTAWALA ALIAKBAR ALIASGAR
6	CHINTAL AKASH VENKATESH
7	CHOPADE DURVA AVINASH
8	DESAI SMIT SUHAS
9	DEVKAR ATHARVA ANIL
10	DEWASWALA EBRAHIM YUSUF
11	DHANGE NAMRATA MAHANTESH
12	DHARME SHREYASH BABASAHEB
13	DONGARE MAYURI BALAJI
14	DUBEY JEET RAJESH
15	GAIKWAD ATHARVA NILESH
16	GALINDE ON MAHESH
17	GHUME JYOTSNA GANESH
18	GOGAWALE ANUJA MARUTI
19	GONGLE PRATHAMESH PRASHANT
20	GUNAWARE RUSHIKESH SANJAY
21	GUPTA PRANAV SHIVDAS
22	GURAV HARSHAL PRAKASH
23	HIREMATH PRAJWAL BASAVRAJ
24	ILKAL NABEEL NAHID
25	JADHAV YASH NILESH
26	JHA NITISH LALIT
27	KALE ADITYA SANJEEV
28	KALE PRATHAMESH PRAVIN
29	KAPSE DNYANESHWAR VITTHAL
30	KATARJKAR SAKSHI AJIT
31	KHADE AADARSH UMESH
32	KHEDEKAR VRUSHALI SUNIL
33	KOKARDE YASH ANILKUMAR
34	KOLEKAR ABHISHEK SHANTARAM

35	LAVANGARE VISHAL GANESH
36	LONDHE KESHAV SOPAN
37	MADRE MAHEK AMJAD
38	MENKAR ATHARV
39	MOHALKAR ANJALI DADASAHEB
40	MORE SAMRUDDHI DNYANESHWAR
41	NAIK HARSH GOPAL
42	NEWASE HARSHAL CHANDRAKANT
43	NIRMAL VISHAKHA VIJAY
44	NISHAD KISHAN JOGINDER
45	PARDESHI GAYATRI GOPAL
46	PASALKAR SANSKRUTI SANJAY
47	PATOLE OJAS PRAFUL
48	PAWAR PRATHAMESH SUNIL
49	PAWAR SHUBHAM RAJU
50	PEERZADE FARHAN AKHTAR
51	PHADTARE ANKITA SANJAY
52	PORE MRUDULA JITENDRA
53	POTHIWAL GURMAIL SINGH RANVIR SINGH
54	RANA AISHWARYA SHISHIR
55	RANGAPURE AMUL NARSINGRAO
56	RENUSE SAHIL RAMESH
57	SABALE SIDDHANT NILESH
58	SADAWARTE RAJKUMAR SANTOSH
59	SALUNKHE TULSI YATINDRA
60	SALVE ARYAN BALASAHEB
61	SALVE PRANAV DEEPAK
62	SAROJ PAWNESH NAGENDRA
63	SATARKAR FARDIN RAFIK
64	SAWANT VEDANT SUBHASH
65	SAYYED SOHAIL NAZIR
66	SHAH ADITYA HARSHAD
67	SHAH SHREYANS AJIT
68	SHAIKH MOHAMMED AFFAN FAYYAZ
69	SHAIKH SANOBAR NISAR
70	SHARMA RAKESH PHULKUMAR
71	SHARMA SHWETA DINESH
72	SONDKAR VIGHNESH VILAS
73	SWAMI ABHAY SURYAKANT
74	TAKAWALE TANMAY HANUMANT
75	TANAWADE SHEFALI SANTOSH
76	TELGU PRATHAMESH KRISHNA
77	THOPATE SIDDHANATH ASHOK
78	VANVE APEKSHA KUMAR
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80	VERMA RADHIKA SHYAMDHAR
81	WAGH SHUBHAM SURESH
82	WALUNJKAR HARSH JEEVAN
83	YADAV RAMESH PARSHURAM
84	YEMUL ISHAN SUDARSHAN

85	GHUGE RUTUJA SHAHADEV
86	MISHRA PREETI RAJU
87	JADHAV PRIYAWARDHAN ANIL
88	PALVE OMKAR RAMESH
89	NIGADE ISHA SUJIT
90	INGULKAR SOHAM SHAHAJI
91	POWAR NIMISH MILIND
92	MALGE SACHIN KASHINATH
93	DHAS KARAN ASHOK
94	KHAN TAYYAB TAHUR
95	NANWANI KHUSHI DILIP
96	JADAV JANVI PRASANTBHAI
97	GHATE PARTH ABHAY
98	PARDESHI AAYUSH SANJAY



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Dr. Arun R. Patil
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BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

2020-21

Add On Course for TY BBA(CA) & TY BBA(CS) (Sem V)

CERTIFICATE COURSE IN SKILL ENHANCEMENT

Course Objectives:

- Provide students ownership of their learning and helps them reduce the comprehension gap.
- It provides the opportunity and knowledge for students to increase and strengthen the necessary skills.

Duration of the Program:

Certificate course in skill enhancement is a 8 days program for 15 hours of lectures.

Unit no.	Teaching Hours	Unit Title	Contents
1	3 Hours	Leadership	<ul style="list-style-type: none">• Definition and meaning• Importance• Leadership and Management• Leader vs Manager• Essential qualities of an effective leader
2	3 Hours	Types of Leaders & Leadership styles	<ul style="list-style-type: none">• Traditional, Transactional• Transformational, Inspirational and servant leadership and Emerging issues in leadership• Emotional Intelligence and leadership• Trust as a factor• Gender and Leadership

3	3 Hours	Basic Communication Skills	<ul style="list-style-type: none"> • Meaning • Verbal & Non-Verbal Communication • Difference between Oral and Written Communication • 7'Cs of Effective Communication • Significance of Effective Communication
4	3 Hours	Personal Grooming	<ul style="list-style-type: none"> • Personal Hygiene • Social Effectiveness • Business Etiquettes
5	3 Hours	Personality Development	<ul style="list-style-type: none"> • Definition • Elements of Personality • Determinants of Personality • Personal Hygiene • Social Effectiveness • Business Etiquettes (Power Dressing)

Course Content:

Expected Outcome:

It develops critical thinking process enabling the students to analyze the quantitative and qualitative data and draw meaningful conclusions for sound decision making.

It will works towards imparting an education that is holistic and skill oriented which instills among the students a sense of usefulness and responsibility.

SPDASHI



70	SHARMA RAKESH PIHUKUMAR	Present	Present	Present	Present	Present	Present	Present	Present
71	SHARMA SHWETA DINI SHI	Present	Present	Present	Present	Present	Present	Present	Present
72	SONDKAR VIGHNESH VILAS	Present	Present	Present	Present	Present	Present	Present	Present
73	SWAMI ABHAY SURYAKANI		Present	Present	Present	Present	Present	Present	Present
74	TAKAWALE TANMAY HANUMANT	Present	Present	Present	Present	Present	Present	Present	Present
75	TANAWADE SHEELI SANTOSH	Present	Present	Present	Present	Present	Present	Present	Present
76	TELGU PRATHAMI SH KRISHINA	Present	Present	Present	Present	Present	Present	Present	Present
77	THOPATE SIDDHANATH ASHOK	Present	Present	Present	Present	Present	Present	Present	Present
78	VANVE APEKSHA KUMAR	Present	Present	Present	Present	Present	Present	Present	
79	VERMA JYOTI RAMDEV	Present		Present	Present	Present	Present	Present	Present
80	VERMA RADHIKA SHYAMDHAR	Present	Present	Present	Present		Present	Present	Present
81	WAGH SHUBHAM SURI SHI	Present	Present	Present	Present	Present	Present	Present	Present
82	WALUNJKAR HARSH JEEVAN	Present	Present	Present	Present	Present	Present	Present	Present
83	YADAV RAMESH PARSHURAM	Present	Present		Present	Present	Present	Present	Present
84	YEMUL ISHAN SUDARSHAN	Present	Present	Present	Present	Present		Present	Present
85	GHUGE RUTUJA SHAHADEV	Present	Present	Present	Present	Present	Present	Present	Present
86	MISHRA PREETI RAJU	Present	Present	Present	Present	Present	Present	Present	Present
87	JADHAV PRIYAWARDHAN ANIL		Present	Present	Present	Present	Present	Present	Present
88	PALVE OMKAR RAMESH	Present	Present	Present	Present	Present	Present	Present	Present
89	NIGADE ISHA SUJIT	Present	Present	Present	Present	Present	Present	Present	Present
90	INGULKAR SOHAM SHAHAJI	Present	Present	Present	Present	Present	Present	Present	Present
91	POWAR NIMISH MILIND	Present	Present	Present	Present	Present	Present	Present	Present
92	MALGE SACHIN KASHINATH	Present	Present	Present	Present	Present	Present	Present	Present
93	DHAS KARAN ASHOK	Present	Present	Present	Present	Present	Present	Present	Present
94	KHAN TAYYAB TAHIR	Present	Present	Present	Present	Present	Present	Present	Present
95	NANWANI KHUSHI DILIP	Present	Present	Present	Present	Present	Present	Present	Present
96	JADAV JANVI PRASAHAN TBHAJ		Present	Present	Present	Present	Present	Present	Present
97	GHATE PARTH ABHAY	Present	Present	Present	Present	Present	Present	Present	Present
98	PARDESHI AAYUSH SANJAY	Present	Present	Present	Present	Present		Present	Present





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2020-2021

Course : Employability Skills Enhancement Programme

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. Social problem means

- A. state of affairs B. moral approach to problem
C. personal problem D. family problem

2. "A pattern of behaviour that constitutes" is called

- A. social problem B. economic problem
C. political problem D. religious problem

3. Which of the following is characteristic of social problem?

- A. It affects on a large section of a society. B. Always creates frustrations.
C. None of above. D. All of the above.

4. Which are the personal factors of unemployment?

- A. Age factors B. Vocational unfitness
C. Illness and/or physical disabilities D. All of the above

5. Which of the following is not characteristic of social problem?

- A. Generally regarded harmful for the society.
B. It has effect on a large section of a society.
C. Develops gradually and slowly.
D. All of the above.

6. Which of the following is not source of social problem?

- A. Social change
- B. Poverty
- C. Personal development
- D. Personal disorganization.

7. Density of population is very much related to

- A. climate
- B. political system
- C. environmental study
- D. economic condition

8. Which of the following does not very much influence the density of population?

- A. Rainfall
- B. Humidity
- C. Soil fertility
- D. Erosion

9. Delinquency is a kind of

- A. Abnormality
- B. Normality
- C. Illness
- D. All of the above

10. Delinquency is a juvenile misconduct that might be dealt with under the law

- A. Friedlander
- B. Cyril Burt
- C. Ogburn
- D. Mamoria

11. Which is the social cause of juvenile delinquency?

- A. Broken Homes
- B. Poverty
- C. Beggary
- D. All of the above

12. Which is an institution to rehabilitate juvenile delinquents?

- A. Juvenile Courts
- B. Remnad Homes
- C. Foster Homes.
- D. All of the above.

13. When was the Maintenance and Welfare of Parents and Senior Citizens Act enacted?

- A. 2005
- B. 2006
- C. 2007
- D. 2008

14. Which is the cause of rapid growth of population in India?

- A. Peaceful conditions
- B. Excess birth over death
- C. Progress in medical facilities
- D. All of the above

15. Which is the effect of over-population?

- A. Population and poverty
- B. Low per capita income
- C. Shortage of food.
- D. All of the above

16. Poverty is a

- A. Social problem
- B. Economic problem
- C. Political problem
- D. Religious problem

17. Poverty and _____ are twin problem found in India.

- A. Unemployment
- B. Child Labour
- C. Crime
- D. Casteism

18. Which are the economic problems of poverty?

- A. increasing Unemployment
- B. Capital Deficiency
- C. Inadequate economic development
- D. All of the above

19. What is the full form of IRDP?

- A. Integrated Rural Development Programme
- B. Intelligent Rural Development Programme
- C. Induced Rural Development Programme
- D. None of the above.

20. Which is not a type of Unemployment?

- A. Seasonal unemployment
- B. Agricultural unemployment
- C. Cyclical unemployment
- D. Political Unemployment

BRACT's
Vishwakarma College of Arts, Commerce and Science
Employability Skills Enhancement Programme
 2020-21
Marksheet

Sr No.	Student Name	Marks
1	AGARWAL TANVI HEMANT	16
2	AMOLIK MANAV SANDEEP	17
3	BHATT BHAKTI NIRBHAY	18
4	BHOME ATHARV VISHNU	15
5	CALCUTTAWALA ALIAKBAR	17
6	CHINTAL AKASH VENKATESH	16
7	CHOPADE DURVA AVINASH	17
8	DESAI SMIT SUHAS	18
9	DEVKAR ATHARVA ANIL	17
10	DEWASWALA EBRAHIM YUSUF	17
11	DHANGE NAMRATA MAHANTESH	16
12	DHARME SHIREYASH BABASAHEB	19
13	DONGARE MAYURI BALAJI	14
14	DUBEY JEET RAJESH	18
15	GAIKWAD ATHARVA NILESH	17
16	GALINDE ON MAHESH	16
17	GHUME JYOTSNA GANESH	19
18	GOGAWALE ANUJA MARUTI	15
19	GONGLE PRATHAMESH PRASHANT	16
20	GUNAWARE RUSHIKESH SANJAY	18
21	GUPTA PRANAV SHIVDAS	15
22	GURAV HARSHAL PRAKASH	18
23	HIREMATH PRAJWAL BASAVRAJ	16
24	ILKAL NABEEL NAHID	18
25	JADHAV YASH NILESH	16
26	JHA NITISH LALIT	18
27	KALE ADITYA SANJEEV	19
28	KALE PRATHAMESH PRAVIN	16
29	KAPSE DNYANESHWAR VITTHAL	15
30	KATARJKAR SAKSHI AJIT	19
31	KHADE AADARSH UMESH	19
32	KHEDDEKAR VRUSHALI SUNIL	16
33	KOKARDE YASH ANILKUMAR	17
34	KOLEKAR ABHISHEK SHANTARAM	15
35	LAVANGARE VISHAL GANESH	16

36	LONDHE KESHAV SOPAN	19
37	MADRE MAHEK AMJAD	14
38	MENKAR ATHARV	18
39	MOHALKAR ANJALI DADASAHEB	17
40	MORE SAMRUDDHI DNYANESHWAR	18
41	NAIK HARSH GOPAL	16
42	NEWASE HARSHAL CHANDRAKANT	18
43	NIRMAL VISHAKHA VIJAY	18
44	NISHAD KISHAN JOGINDER	17
45	PARDESI GAYATRI GOPAL	16
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52	PORF MRUDULA JITENDRA	15
53	POTHIWAL GURMAIL SINGH RANVIR SINGH	16
54	RANA AISHWARYA SHISHIR	19
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68	SHAIKH MOHAMMED AFFAN FAYYAZ	14
69	SHAIKH SANOBAR NISAR	18
70	SHARMA RAKESH PIULKUMAR	17
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72	SONDKAR VIGNESH VILAS	19
73	SWAMI ABHAY SURYAKANT	15
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85	GHUGE RUTUJA SHAIHADEV	15

86	MISHRA PRIETIRAJU	19
87	JADHAV PRIYAWARDHAN ANIL	17
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96	JADAV JANVI PRASAANTIBHAI	18
97	GHATE PARTH ABHAY	17
98	PARDUSHI AAYUSHI SANJAY	16

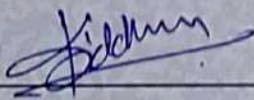
[Handwritten Signature]
HOB

[Handwritten Signature]
Dr. Arun R. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk), Pune-411 048.

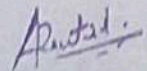
CERTIFICATE

This certificate is presented to

Has completed
Employability Skill Enhancement Programme
FY B.COM
for 15 Hrs (Academic year 2020-21) for semester I
and awarded _____ Grade.



Authorised Signatory
Era Edu-Tech, Pune



Authorised Signatory
Vishwakarma Collage of Arts,
Commerce And Science, Pune

Certificate No :



Date of Issue :

05 March 2021



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

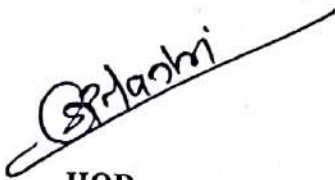
Date: 25/12/2020

Notice

All students of SYBSc (CS) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on

“Introduction to machine Learning for coders” from 06/01/2021 to 20/01/2021 at 6:00pm to 8:00pm. Registration is mandatory for all.

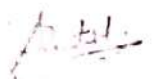
Online Platform – Google Meet



HOD
(Commerce)



HOD
(Science)


Dr. Anurag
Principal
Vishwakarma College of Arts,
Commerce and Science
Kondhwa (W), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Introduction to Machine Learning for Coders
2020-21
Enrolled Student List

Sr No.	Student Name	Class
1	ABHIDI BHAGWAN PII ANI	SYBSc(CS)
2	ADHAV VAIBHAV GAJINDRA	SYBSc(CS)
3	ALLAM SAURAV RAJESH	SYBSc(CS)
4	ANGDIKAR PRAHAM SOMNATH	SYBSc(CS)
5	ARI RUTUJA ARUN	SYBSc(CS)
6	ATAR ALIYAH KAUSAR SAMIR	SYBSc(CS)
7	BALABYAL SOUMYAJI SUDIP	SYBSc(CS)
8	BHAGAT SAGAR GOVINDRAI	SYBSc(CS)
9	BHALLERAO GANI SHIDHIP	SYBSc(CS)
10	BHONDWE SAKSHI BHUPENDRA	SYBSc(CS)
11	BIRADAR SUNITA BALU	SYBSc(CS)
12	BORA BHAVISHI RAVINDRA	SYBSc(CS)
13	CHANDLE SHASHWAT SHIVPRATAP	SYBSc(CS)
14	CHAITA KOMAL PRASHANT	SYBSc(CS)
15	CHAVAN NEHA TANAJI	SYBSc(CS)
16	CHAVAN PRAJAKTA PRATAP	SYBSc(CS)
17	CHAVAN PRATIKSHA SUNIL	SYBSc(CS)
18	CHAVAN ROHIT RAJINDRA	SYBSc(CS)
19	CHOUDHARI ANUSHIKA VIJAY	SYBSc(CS)
20	CHOUDHARI PRANIL ANIL	SYBSc(CS)
21	CHOUDHARY NELLAM SOBARAM	SYBSc(CS)
22	DAHWAL DHIRAJ GANESHRAO	SYBSc(CS)
23	DANI SEJAL VIJAY	SYBSc(CS)
24	DGAONKAR GAURI PRAVEEN	SYBSc(CS)
25	DESHMUKH PRAHAMISH KISHOR	SYBSc(CS)
26	DHIMATE PRACHI PRAMOD	SYBSc(CS)
27	DHONGADI AVINDRA RAHUL	SYBSc(CS)
28	HARNIKAR ASAD NURUL AMIN	SYBSc(CS)
29	JADHAV MANASI SHREDDHAR	SYBSc(CS)
30	JADHAV OMKAR SATISH	SYBSc(CS)
31	JADHAV SAYEE SANTOSH	SYBSc(CS)
32	JAGDALE PUSHPKAR UMESH	SYBSc(CS)
33	JAGDIANE ABHISHEK HARI	SYBSc(CS)
34	JAGTAP AAKASH SATISH	SYBSc(CS)
35	JOSHI NITRAJ SANJAYKUMAR	SYBSc(CS)
36	KADAM MAYUR DILIP	SYBSc(CS)
37	KADAM SHUBHAM SHANKAR	SYBSc(CS)
38	KALAL GAYATRI HANUMANT	SYBSc(CS)
39	KANJARIYA BEENA HANSRAJ	SYBSc(CS)



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BRACT's
Vishwakarma College of Arts, Commerce and Science, Pune
Department of Science

Value Added Course

Introduction to Machine Learning for Coders

AY 2020-21

Course Objectives:

- Acquire advanced Data Analysis skills.
- Stay Industry relevant and grow in your career.
- Create ML solutions for various business problems.
- Build and deploy production grade ML applications.
- Apply ML methods, techniques and tools immediately.

Duration of the Program:

Certificate course in data science and machine learning is a program for 20 hours of lectures.

Course Content:

Unit no.	Contents	Teaching Hours
1	Foundations of ML	5 Hours
2	Data Management	5 Hours
3	Statistical Decision Making & Predictive Analytics	5 Hours
4	Machine Learning	5 Hours

Expected Outcome:

- It helps to identify problems where machine learning techniques are applicable.
- Understand a wide variety of learning algorithms.
- Help organizations make faster and more informed decisions.

Sanjay



Add On Course On: Introduction to Machine Learning for Coders

Sr. No	Name Of the Student	Class	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
	Date		6/1/2021	7/1/2021	8/1/2021	9/1/2021	10/1/2021	11/1/2021	12/1/2021	13/1/2021	14/1/2021	15/1/2021	16/1/2021	17/1/2021	18/1/2021	19/1/2021	20/1/2021
1	ABHINAV BHAGWAN PILANE	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	ADHAV VAIBHAV GAJENDRA	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	ALLAM SAURAV RAJESH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	ANGIDKAR PRATHAM SOMNATH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	ARE RUTUJA ARUN	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	ATAR ALFIYAH KALSAR SAMIR	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	BATABYAL SOMMIYAJIT SIDDIP	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	BHAGAT SAGAR GOVINDRAJ	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	BHAIKAR ANANESH DILIP	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	BHONDWE SAKSHI BHUPENDRA	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	BIRADAR SUNITA BALU	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	BORA BHAVESH RAVINDRA	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	CHANDEL SHASHWAT	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	CHAITAN KUMAR PRASHANT	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	CHAVAN NEHA TANUJI	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	CHAVAN PRAKASH PRATAP	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	CHAVAN PRATIKSHA SUNIL	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	CHAVAN ROHIT RAJENDRA	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	CHOL DHARI ANUSHKA VIJAY	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	CHOL DHARI PRANIL ANIL	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
21	CHOL DHARI NEELAM SOBARAM	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
22	DAHWAL DHIRAJ GANESHRAO	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
23	DANISEJAL VIJAY	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
24	DEGAONKAR GAURI PRAVEEN	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
25	DESHMUKH PRATHAMESH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
26	DHINATE PRACHIN PRAMOD	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
27	DHONGADILAVINDRA RAHUL	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
28	HARNEKAR ASAD NURUL AMIN	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
29	JADHAV MANASI SHREEDHAR	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
30	JADHAV OMKAR SATISH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
31	JADHAV SAYEE SANTOSH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
32	JAGDALE PUNSHIKAR MESH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
33	JAGDHANE ABHISHEK HARI	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
34	JALAP AAKASH SATISH	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
35	JOSHI NEERAJ SANJAYKUMAR	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
36	KADAM MAYUR DILIP	SYBSc(CS)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2020-2021

Course : Introduction to machine Learning for Coders

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. **What is Artificial Intelligence?**
 - a) Artificial Intelligence is a field that aims to make humans more intelligent
 - b) Artificial Intelligence is a field that aims to improve the security
 - c) Artificial Intelligence is a field that aims to develop intelligent machines
 - d) Artificial Intelligence is a field that aims to mine the data

2. **Who is the inventor of Artificial Intelligence?**
 - a) Geoffrey Hinton b) Andrew Ng
 - c) John McCarthy d) Jürgen Schmidhuber

3. **Which of the following is the branch of Artificial Intelligence?**
 - a) Machine Learning b) Cyber forensics
 - c) Full-Stack Developer d) Network Design

4. **What is the goal of Artificial Intelligence?**
 - a) To solve artificial problems
 - b) To extract scientific causes
 - c) To explain various sorts of intelligence
 - d) To solve real-world problems

5. **Which of the following is an application of Artificial Intelligence?**
 - a) It helps to exploit vulnerabilities to secure the firm
 - b) Language understanding and problem-solving (Text analytics and NLP)
 - c) Easy to create a website
 - d) It helps to deploy applications on the cloud

6. **In how many categories process of Artificial Intelligence is categorized?**
 - a) categorized into 5 categories
 - b) processes are categorized based on the input provided
 - c) categorized into 3 categories
 - d) process is not categorized

7. Based on which of the following parameter Artificial Intelligence is categorized?
- a) Based on functionality only
 - b) Based on capabilities only
 - c) Based on capabilities and functionality
 - d) It is not categorized
8. Which of the following is a component of Artificial Intelligence?
- a) Learning
 - b) Training
 - c) Designing
 - d) Puzzling
9. What is the function of an Artificial Intelligence "Agent"?
- a) Mapping of goal sequence to an action
 - b) Work without the direct interference of the people
 - c) Mapping of precept sequence to an action
 - d) Mapping of environment sequence to an action
10. Which of the following is not a type of Artificial Intelligence agent?
- a) Learning AI agent
 - b) Goal-based AI agent
 - c) Simple reflex AI agent
 - d) Unity-based AI agent
11. Which of the following is not the commonly used programming language for Artificial Intelligence?
- a) Perl
 - b) Java
 - c) PROLOG
 - d) LISP
12. Which of the following is a type of neural network?
- a) Decision tree
 - b) Random forest
 - c) Convolutional neural network
 - d) Linear regression
13. What is the name of the Artificial Intelligence system developed by Daniel Bobrow?
- a) program known as BACON
 - b) system known as STUDENT
 - c) program known as SHIRDLU
 - d) system known as SIMD
14. What is the function of the system Student?
- a) program that can read algebra word problems only
 - b) system which can solve algebra word problems but not read
 - c) system which can read and solve algebra word problems
 - d) None of the mentioned
15. Which of the following is not an application of artificial intelligence?
- a) Face recognition system
 - b) Chatbots
 - c) LIDAR
 - d) DBMS

16. Which of the following machine requires input from the humans but can interpret the outputs themselves?

- a) Actuators
- b) Sensor
- c) Agents
- d) AI system

17. _____ Number of informed search method are there in Artificial Intelligence.

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

18. The total number of proposition symbols in AI are _____

- a) 3 proposition symbols
- b) 1 proposition symbols
- c) 2 proposition symbols
- d) No proposition symbols

19. The total number of logical symbols in AI are _____

- a) There are 3 logical symbols
- b) There are 5 logical symbols
- c) Number of logical symbols are based on the input
- d) Logical symbols are not used

20. Which of the following are the approaches to Artificial Intelligence?

- a) Applied approach
- b) Strong approach
- c) Weak approach
- d) All of the mentioned

SE AP

BRACT's
Vishwakarma College of Arts, Commerce and Science
Introduction to Machine Learning for Coders
 2020-21
Marksheet

Sr No.	Student Name	Class	Marks
1	ABHJIT BHAGWAN PILANE	SYBSc(CS)	17
2	ADHAV VAIBHAV GAJENDRA	SYBSc(CS)	17
3	ALLAM SAURAV RAJESH	SYBSc(CS)	15
4	ANGDIKAR PRATHAM SOMNATH	SYBSc(CS)	19
5	ARE RUTUJA ARUN	SYBSc(CS)	17
6	ATAR ALFIYAH KAUSAR SAMEER	SYBSc(CS)	19
7	BATAHYAL SOUMYAJIT SUDIP	SYBSc(CS)	16
8	BHAGAT SAGAR GOVINDRAJ	SYBSc(CS)	16
9	BHAI RAO GANESH DILIP	SYBSc(CS)	17
10	BHONDWE SAKSHI BHUPENDRA	SYBSc(CS)	16
11	BIRADAR SUNITA BALU	SYBSc(CS)	17
12	BORA BHAVESH RAVINDRA	SYBSc(CS)	19
13	CHANDEL SHASHWAT SHIVPRATAP	SYBSc(CS)	15
14	CHATLA KOMAL PRASHANT	SYBSc(CS)	16
15	CHAVAN NEHA TANAJI	SYBSc(CS)	16
16	CHAVAN PRAJAKTA PRATAP	SYBSc(CS)	18
17	CHAVAN PRATIKSHA SUNIL	SYBSc(CS)	19
18	CHAVAN ROHIT RAJENDRA	SYBSc(CS)	16
19	CHOUDHARI ANUSHKA VIJAY	SYBSc(CS)	15
20	CHOUDHARI PRANIL ANIL	SYBSc(CS)	19
21	CHOUDHARY NEELAM SOBARAM	SYBSc(CS)	17
22	DAHIWAL DHIRAJ GANESHRAO	SYBSc(CS)	18
23	DANI SEJAL VIJAY	SYBSc(CS)	16
24	DEGAONKAR GAURI PRAVEEN	SYBSc(CS)	16
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34	JAGTAP AAKASH SATISH	SYBSc(CS)	19
35	JOSHI NITRAJ SANJAYKUMAR	SYBSc(CS)	14
36	KADAM MAYUR DILIP	SYBSc(CS)	17

Patil

Principal
 Dr. Arun R. Patil
 PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 045.

Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VAULE ADDED COURSE

INTRODUCTION TO MACHINE LEARNING FOR CODERS

This certificate is presented to Mr./Ms. **Dani Sejal** for successfully completing **Introduction to Machine Learning for Coders** , for the Academic Year 2020-21, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



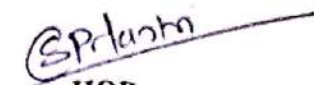
BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 27/05/2021

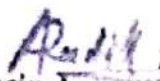
Notice

All students of FYBBA and FYBBA(IB) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on "Tally and computerized Accounting (30hrs.)" from 02/06/2021 to 18/06/2021 daily 2hrs. at 03:30pm to 5:30pm. Registration is mandatory for all.

Online Platform – Google Meet


HOD
(Commerce)


HOD
(Science)


Principal
DR. ARUN B. PATIL
VISHWAKARMA COLLEGE OF ARTS
AND SCIENCE
PUNE

BRACT's
Vishwakarma College of Arts, Commerce and Science
Tally and Computer based Accounting
2020-21
Enrolled Student List

Sr No.	Student Name	Class
1	AFREED SHAJI	FYBBA(IB)
2	AGARWAL BIHANU RAGHUVeer	FYBBA(IB)
3	AGARWAL SAKSHI PURUSHOTTAM	FYBBA(IB)
4	ANSARI KASIM RAEES	FYBBA(IB)
5	BANSAL TANISH PAWAN	FYBBA(IB)
6	BORA VIPUL SATISH	FYBBA(IB)
7	CHAKARANARAYAN OSCAR SUNIL	FYBBA(IB)
8	CHANDARGL AKSHATA NARSINGH	FYBBA(IB)
9	CHAUDHARI DEVASHISH	FYBBA(IB)
10	CHHAJED SEJAL SUNIL	FYBBA(IB)
11	CHORDIYA AARYA RAVINDRA	FYBBA(IB)
12	CHOUDHARY MANOJ OMPRAKASH	FYBBA(IB)
13	DALVI PRATIK PRASHANT	FYBBA(IB)
14	DIHOKA RAJ RAHUL	FYBBA(IB)
15	DILAWAR ADAM MURTAZA	FYBBA(IB)
16	EKTA SHARMA	FYBBA(IB)
17	ELENA MARSHALL	FYBBA(IB)
18	GADHVI MEENA SAMRA	FYBBA(IB)
19	GODHWANI SAHIL RAJIV	FYBBA(IB)
20	GUPTA PRANAV SUSHIL	FYBBA(IB)
21	JADHAV PRATHAMESH PRASHANT	FYBBA(IB)
22	JAIN BHUVAN DEVICHAND	FYBBA(IB)
23	JAIN DIYA LALIT	FYBBA(IB)
24	JAIN JAY SANJAY	FYBBA(IB)
25	JAIN PRIYANSH SHIRIPAL	FYBBA(IB)
26	JAIN ROHIT ASHOK	FYBBA(IB)
27	JHA HRITIK AJIT	FYBBA(IB)
28	KADAM SAKSHI SANDEEP	FYBBA(IB)
29	KARNAWAT UTKARSH PARAS	FYBBA(IB)
30	KATWE OM SACHIN	FYBBA(IB)
31	KHAN SANIYA MOHAMMAD YAQUB	FYBBA(IB)
32	KHANTER YASHI MAHAVIR	FYBBA(IB)
33	KHINVASARA NIRAJ ASHOK	FYBBA(IB)
34	KOTWAL MOJAMMED ARIHAM GUDULAL	FYBBA(IB)

35	KULKARNI SWARAJ SANTOSH	FYBBA(IB)
36	KUWAD VIKESH NARESH	FYBBA(IB)
37	LAMA DHAWA PEMA NEHMA	FYBBA(IB)
38	LIMBACHHIA MEET ASHWIN	FYBBA(IB)
39	LODHA RUHI HITESH	FYBBA(IB)
40	MASALIYA TANISHKA AMIT	FYBBA(IB)
41	MEHTA CHIRAG KALPESH	FYBBA(IB)
42	MOIZ HAFIZ	FYBBA(IB)
43	MULAY AVNEESH GURUDATTA	FYBBA(IB)
44	NAIDU GOKUL SURYANARAYAN	FYBBA(IB)
45	NALAGE ATHARVA UMESH	FYBBA(IB)
46	NAVLAHA SHREYA AADESH	FYBBA(IB)
47	NIBJIYA PRANIT DINESH	FYBBA(IB)
48	OSWAL HARSH RAJESH	FYBBA(IB)
49	OSWAL JAY SACHIN	FYBBA(IB)
50	OSWAL PRATHAM SANJAY	FYBBA(IB)
51	OSWAL RONAK MAHENDRA	FYBBA(IB)
52	PAKHARSANGAVE ANAND ARJUN	FYBBA(IB)
53	PATEL KOMAL SUNIL	FYBBA(IB)
54	PATEL LEENA RAJESH	FYBBA(IB)
55	PATIL AKSHADA DNYANESHWAR	FYBBA(IB)
56	PAWAR SRUSHTI NIVRUTTI	FYBBA(IB)
57	PHALANE ADHIESH SANJAY	FYBBA(IB)
58	PRATAPGARIWALA MOHAMMED HASAN	FYBBA(IB)
59	RANGWALA AZIZ KUTUBUDDIN	FYBBA(IB)
60	RANPURA VIDHI VISHAL	FYBBA(IB)
61	RATHI VEDANT NARENDRA	FYBBA(IB)
62	RATHOD KUSH ANAND	FYBBA(IB)
63	REWATKAR SAHIL NITIN	FYBBA(IB)
64	SALVI ANGHA ANANT	FYBBA(IB)
65	SAYYAD SAADAHMED MOINUDDIN	FYBBA(IB)
66	SHAH DWIJ SAURABH	FYBBA(IB)
67	SHAH SHRIYA KISHORE	FYBBA(IB)
68	SHAIKH FARAZUDDIN NASIRUDDIN	FYBBA(IB)
69	SHAIKH FARHAN NAZEER	FYBBA(IB)
70	SHINDE MANDAR VIJAY	FYBBA(IB)
71	SHINGATE JAY RAJESH	FYBBA(IB)
72	SHINGAVI ANEESHA SACHIN	FYBBA(IB)
73	TANNA PARTH MUKESH	FYBBA(IB)
74	THAKKAR MITESH JAGDISH	FYBBA(IB)
75	THAKKAR NIRAJ SUNIL	FYBBA(IB)
76	TOLANI BHAVESH JITENDRA	FYBBA(IB)
77	VATSAL RAWAL	FYBBA(IB)

78	VISHWAKARMA KHUSHI SUGRIV	FYBBA(IB)
79	XAVIER ANDREA AUGUSTINE	FYBBA(IB)
80	YEWALE RANVEER KIRAN	FYBBA(IB)
81	ZAIB SADIQUE SACHE	FYBBA(IB)
82	ZAINAB ISHTIYAK DALVI	FYBBA(IB)
83	GANDHI KAMNA KIRAN	FYBBA(IB)
84	JADEJA DEV GHANSHYAM	FYBBA(IB)
85	SHISHIR SINGH	FYBBA(IB)
86	SOMINENI BHARGAVI NAGESH	FYBBA(IB)
87	HIMANSHU PANDIT	FYBBA(IB)
88	ABHAY NAGENDRAPRATAP SINGH	FYBBA
89	DIVATE ABHISHEK ARJUN	FYBBA
90	ADITYA KHANDELWAL	FYBBA
91	CHITURKAR ATHARV AVINASH	FYBBA
92	OZA ATHARVA SANTOSH	FYBBA
93	BAGADE ATHARVA SANJAYKUMAR	FYBBA
94	BARAVKAR MRUNAL NANDKUMAR	FYBBA
95	BHAIRAV PALESHA	FYBBA
96	BHAMARE GAURAV SANJAY	FYBBA
97	BHIOMAWAT AMEY HITESH	FYBBA
98	PATEL BHOOMI VIJAY	FYBBA
99	CHHTIJA KRISHNA SANJAY	FYBBA
100	CHOUDHARY PAVAN POKARRAM	FYBBA
101	DHOLE SAHIL SACHIN	FYBBA
102	GAD SANJANA SAMEER	FYBBA
103	GADE OM VISHWASRAO	FYBBA
104	GANDHI NIHAR LALIT	FYBBA
105	GANDHI RISHABH GANESH	FYBBA
106	HARSH PATEL	FYBBA
107	HATIM BHIMPUR	FYBBA
108	HAWARE ATHARVA UDAY	FYBBA
109	HEDA SHUBHANGI MUKESH	FYBBA
110	JAIN RISHABH MAHAVIR	FYBBA
111	JAIN VARUN DEEPAK	FYBBA
112	DOSHI JAINAM HIMAL	FYBBA
113	TALESARA JATIN VIMALRAJ	FYBBA
114	JODHAWAT DARSHAN DEEPAK	FYBBA
115	KACHH ATHARVA HEMANT	FYBBA
116	KADAM MOHIT VINOD	FYBBA
117	KAKADE PRANAV PRAKASH	FYBBA
118	KAMBLE KIMAYA PARIMAL	FYBBA
119	KAMLAPURE GOVIND NITIN	FYBBA
120	KATKAR AASTHA RAMESH	FYBBA
121	KHANDELWAL VINIT UTTAM	FYBBA
122	PATEL KHUSHI DAMODAR	FYBBA
123	DUMBRE MAITHILI PRASANNA	FYBBA
124	MEHTA IESHA RAMESH	FYBBA

125	MEHTA LAVESH PANKAJ	FYBBA
126	LONE MEHWISH NISAR	FYBBA
127	MEMON AMAAN SOYEB	FYBBA
128	PAREEK MEENAKSHI ASHOK	FYBBA
129	MODI PALASHI SUNIL	FYBBA
130	MURSAL SAHIL NIYAJ	FYBBA
131	MUTHA DISHAN PARESH	FYBBA
132	JAIN NEERAJ RANJEET	FYBBA
133	PATEL NIMISHA DHIRAJ	FYBBA
134	OSWAL HARSH BHARAT	FYBBA
135	OSWAL LIKHIT DINESH	FYBBA
136	PALRECHA DARSHAN NITESH	FYBBA
137	PANDEY AKASH SHIV KUMAR	FYBBA
138	PANDIT RAJ DEVRAM	FYBBA
139	PATEKAR ABHISHEK DATTATRAYA	FYBBA
140	PATEL ALAM LATIF	FYBBA
141	PATIL PRAPTI UDAY	FYBBA
142	PORWAL DHIRUV NILESH	FYBBA
143	PORWAL TEJASHIRI SANJAY	FYBBA
144	BAFNA PREETI ANAND	FYBBA
145	RATHOD DHIRUV VIJAY	FYBBA
146	RATHOD KARISHMA NARENDRA	FYBBA
147	RATHOD VINITA RAJU	FYBBA
148	MEGHAWAT ROHIT RAMESH	FYBBA
149	ANSARI RUMMAN ATIK	FYBBA
150	JAIN RUSHALI MANOJKUMAR	FYBBA
151	KADAM SAHIL SANDEEP	FYBBA
152	SALUNKHE OMKAR KESHAV	FYBBA
153	TOKSHIYA SANJAL SUKESH	FYBBA
154	SAVE RUSHEEL RAHUL	FYBBA
155	SHAH JAY MEHUL	FYBBA
156	SHAH JAY SHAILENDRA	FYBBA
157	SHAH KRISHA HITESH	FYBBA
158	SHAIKH ADIL FAROOQ	FYBBA
159	SHAIKH AYAN ILYAS	FYBBA
160	SHAIKH MUZZAMMIL ABDUL WAHID	FYBBA
161	SHAIKH OWAIS ABDUL HAQUE	FYBBA
162	SHAIKH RAHEEL ABDUL WAHAB	FYBBA
163	SOLANKI ANSH MANISH	FYBBA
164	THAKKAR RIYA NILESH	FYBBA
165	TIMBADIA KANCHI VIPUL	FYBBA
166	VETAL ATHARVA UDAY	FYBBA
167	PATEL VINIT NARENDRA	FYBBA
168	WASDEV ROHIT KAMAL	FYBBA
169	BHAGWAN YASH RAJARAM	FYBBA
170	KAMBLE YASHODEEP JASWANT	FYBBA
171	TANK YASH RAJESH	FYBBA
172	OM UDDHAV DHONGADE	FYBBA
173	OSWAL MOKSH YOGESH	FYBBA



Arun R. Patil
Dr. Arun R. Patil
PRINCIPAL

Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

2020-21

Value Added Course

TALLY AND COMPUTERISED ACCOUNTING

Course Objectives:

- To provide practical training of computerized Accounting

Duration of the Program:

Certificate course in computerized accounting is a 15 days program for 30 hours of lectures.

Course Content:

Unit no.	Teaching Hours	Unit Title	Contents
1	10 Hours	BASICS OF COMPUTERIZED ACCOUNTING	<ul style="list-style-type: none">• Computerized Accounting :• Accounting process• Accounting principles and concepts• Computerised Accounting SystemsBasics of Computerised accounting systems
2	10 Hours	APPLICATIONS OF TALLY IN ACCOUNTING	<ul style="list-style-type: none">• Accounting using Tally• Creation of Company Gateway of Tally Menu Buttons• Features and Continuation• Accounting Group Ledger• Voucher Types and Classes• Bill wise details, Interest• Money Receipt and Cheques, Debit and• Account vouchers maintenance• Inventory master's maintenance

3	10 Hours	DIGITALIZED FINAL ACCOUNTS	<ul style="list-style-type: none"> • Need, significance and applications of digitalized final accounts. • Method for preparation of trial balance • Preparation of final Accounts • Display of Balance Sheet • Display Profit and Loss Account.
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Expected Outcome:

- After completion of this course students will be able to understand accounts of an organization. This course seeks to enhance the skills needed for computerized accounting system and to enable the students to understand simple accounting applications

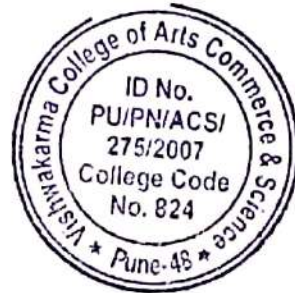
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Add On Course On- Tally and Computer based Accounting

Sr. No	Name Of the Student	Class	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
	Date		2/6/2021	3/6/2021	4/6/2021	5/6/2021	7/6/2021	8/6/2021	9/6/2021	10/6/2021	11/6/2021	12/6/2021	14/6/2021	15/6/2021	16/6/2021	17/6/2021	18/6/2021
1	AFREED SHAJI	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	AGARWAL BHANU RAGHUVVEER	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	AGARWAL SAKSHI	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	ANSARI KASIM RAEES	FYBBA(IB)		Present	Present	Present	Present	Present	Present	Present	Present		Present	Present	Present	Present	Present
5	BANSAL TANISH PAWAN	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	BORA VIPUL SATISH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	CHAKARANARAYAN OSCAR	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	CHANDARGE AKSHATA	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	CHAUDHARI DE VASHISH	FYBBA(IB)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	CHHAJED SEJAL SUNIL	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	CHORDIYA AARYA RAVINDRA	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	CHOUDHARY MANOJ	FYBBA(IB)	Present	Present	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	DALVI PRATIK PRASHANT	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	DHOKA RAJ RAHUL	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	DILAWAR ADAM MURTAZA	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present		Present	Present	Present
16	EKA SHARMA	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present		Present	Present	Present
17	ELENA MARSHALI	FYBBA(IB)	Present	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	GADHWI MEENA SAMRA	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	GODHWANI SAHIL RAJIV	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	GUPTA PRANAV SUSHIL	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
21	JADHAV PRAHAMESH PRASHANT	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
22	JAIN BHUVAN DEVICHAND	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
23	JAIN DIYA LALI	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
24	JAIN JAY SANJAY	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
25	JAIN PRIYANSHI SHIRIPAL	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
26	JAIN ROHIT ASHOK	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
27	JHA HRITIK AJIT	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
28	KADAM SAKSHI SANDEEP	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
29	KARNAWAT UTKARSHI PARAS	FYBBA(IB)		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
30	KATWE OM SACHIN	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
31	KHAN SANIYA MOHAMMAD	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
32	KHANTER YASH MAHAVIR	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
33	KHINVASARA NIRAJ ASHOK	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
34	KOTWAL MOHAMMAD ARHAM	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
35	KULKARNI SWARAJ SANTOSH	FYBBA(IB)	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
36	KUWAD VIKESH NARESH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
37	LAMA DHAWA PEMA NEHMA	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
38	LIMBACHIYA MEET ASHWIN	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
39	LODHA RUII HITESH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
40	MASALIYA TANISHKA AMIT	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
41	MEHTA CHIRAG KALPESH	FYBBA(IB)	Present	Present	Present	Present	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present
42	MOIZ HAFIZ	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
43	MULAY AVNEESH GURUDATIA	FYBBA(IB)	Present	Present	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
44	NAIDU GOKUL SURYANARAYAN	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
45	NALAGE ATHARVA UMLSH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
46	NAVAKHA SHIREYA AADISH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present		Present	Present	Present	Present	Present	Present
47	NIBIYA PRANIT DINESH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present		Present	Present		Present	Present
48	OSWAL HARSHI RAJESH	FYBBA(IB)	Present	Present	Present	Present	Present	Present	Present	Present	Present		Present	Present		Present	Present

143	PORWAL TIJASHIRI SANJAY	FYBBA	Present	Present	Present		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
144	BAFNA PREETI ANAND	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
145	RATHOD DHIRUV VIJAY	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
146	RATHOD KARISHMA NARENDRA	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
147	RATHOD VINITA RAJU	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
148	MEGHAWAT ROHIT RAMESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
149	ANSARI RUMMAN ATIK	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
150	JAIN RUSHALI MANOJKUMAR	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
151	KADAM SAHIL SANDEEP	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
152	SALUNKHE OMKAR KESHAV	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
153	TOKSHIYA SANJAL SUKESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
154	SAVE RUSHALI RAHUL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
155	SHAH JAY MEHUL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
156	SHAH JAY SHAILENDRA	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
157	SHAI KRISHA HITESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
158	SHAIKH ADIL FAROOQ	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
159	SHAIKH AYAN ILYAS	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
160	SHAIKH MUZZAMMIL ABDUL WAHID	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
161	SHAIKH OWAIS ABDUL HAQUE	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
162	SHAIKH RAHIFEL ABDUL WAHAB	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
163	SOLANKI ANSHI MANISH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
164	THAKKAR RIYA NILESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
165	TIMBADIA KANCHI VIPUL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
166	VETAL ATHARVA UDAY	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
167	PATEL VINIT NARENDRA	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
168	WASDEV ROHIT KAMAL	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
169	BHAGWAN YASH RAJARAM	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
170	KAMBLE YASHODLEP JASWANT	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
171	TANK YASH RAJESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
172	OMI UDDHAV DHONGADE	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
173	OSWAL MOKSH YOGESH	FYBBA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2020-2021

Course : Tally and Computer Based Accounting

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. Tally Package is developed by _____.
 - a) Tally solutions
 - b) Tally corporation
 - c) Tally company
 - d) Tata company
2. Financial Year period is _____.
 - a) 1 April to 31 March
 - b) 1 January to 31 December
 - c) 1 June to 31 July
 - d) none of these
3. Tally is a _____ software.
 - (a) spreadsheet
 - (b) accounting
 - (c) publishing
 - (d) animation
4. Tally supports _____ accounting types.
 - (a) cash
 - (b) payroll
 - (c) inventory
 - (d) all of them
5. Tally can provide _____ to each company.
 - (a) password security
 - (b) no security
 - (c) barrier
 - (d) wrapper
6. Tally can maintain _____ accounts.
 - (a) tax accounts
 - (b) liabilities accounts
 - (c) both a & b
 - (d) none of them

7. Tally allows data entry in _____ language(s).
- (a) only Tamil
 - (b) only English
 - (c) only Hindi
 - (d) many Indian/Asian
8. Tally generates _____ report(s) automatically based on voucher/ journal entries.
- (a) balance sheet
 - (b) stock report
 - (c) profit & loss account
 - (d) all of them
9. _____ is the shortcut to set date in Tally.
- (a) F6
 - (b) F5
 - (c) F4
 - (d) F2
10. _____ is the shortcut to inventory buttons from Accounting Vouchers in Tally.
- (a) Alt+F1
 - (b) Ctrl+F1
 - (c) F7
 - (d) F8
11. _____ is the shortcut to company info from Gateway of Tally.
- (a) F1
 - (b) Alt+F1
 - (c) Alt+F2
 - (d) Alt+F3
12. _____ is the shortcut to change the language in Tally.
- (a) Alt+ D
 - (b) Alt+ Q
 - (c) Alt+ P
 - (d) Alt+ G
13. _____ is the shortcut to shut a company in Tally.
- (a) F1
 - (b) Alt+F1
 - (c) Alt+F2
 - (d) Alt+F3
14. _____ is the shortcut to change the accounting period from Gateway of Tally.
- (a) F1
 - (b) Alt+F1
 - (c) Alt+F2
 - (d) Alt+F3

15. _____ is the shortcut to export a report to different format in Tally.

- (a) Alt+2
- (b) Alt+ A
- (c) Alt+ C
- (d) Alt+ E

16. POS stands for _____ in accounting/Tally.

- (a) Purchase of Sale
- (b) Point of Safety
- (c) Purpose of Sale
- (d) Point of Sale

17. In taxation, TCS stands for _____.

- (a) Tax Creation at Source
- (b) Tax Collected at Source
- (c) Tax Combined at Source
- (d) Tariff Collected at Station

18. In taxation, VAT stands for _____.

- (a) Value Assigned Tax
- (b) Value Approved Tax
- (c) Value Added Transaction
- (d) Value Added Tax

19. Who receives benefits without giving money immediately but liable to pay in future?

- A Creditor
- B Debtor
- C Owner
- D Worker

20. What is the purpose of security feature in Tally?

- A Provides budget option
- B Provides option for data backup
- C Provides option to upload reports
- D Provides statement of accounts

SM.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Tally and Computer based Accounting
2020-21
Marksheet

Sr No.	Student Name	Class	Marks
1	AFREED SHAJI	FYBBA(IB)	18
2	AGARWAL BHANU RAGHUVeer	FYBBA(IB)	19
3	AGARWAL SAKSHI PURUSHOTTAM	FYBBA(IB)	14
4	ANSARI KASIM RAEES	FYBBA(IB)	17
5	BANSAL TANISH PAWAN	FYBBA(IB)	19
6	BORA VIPUL SATISH	FYBBA(IB)	16
7	CHAKARANARAYAN OSCAR SUNIL	FYBBA(IB)	18
8	CHANDARGE AKSHATA NARSINGH	FYBBA(IB)	15
9	CHAUDHARI DEVASHISH	FYBBA(IB)	18
10	CHHAJED SEJAL SUNIL	FYBBA(IB)	16
11	CHORDIYA AARYA RAVINDRA	FYBBA(IB)	17
12	CHOUDHARY MANOJ OMPRAKASH	FYBBA(IB)	18
13	DALVI PRATIK PRASHANT	FYBBA(IB)	15
14	DHOKA RAJ RAHUL	FYBBA(IB)	17
15	DILAWAR ADAM MURTAZA	FYBBA(IB)	16
16	EKTA SHARMA	FYBBA(IB)	19
17	ELENA MARSHALL	FYBBA(IB)	18
18	GADHVI MEENA SAMRA	FYBBA(IB)	17
19	GODHWANI SAHIL RAJIV	FYBBA(IB)	17
20	GUPTA PRANAV SUSHIL	FYBBA(IB)	18
21	JADHAV PRATHAMESH PRASHANT	FYBBA(IB)	19
22	JAIN BHUVAN DEVICHAND	FYBBA(IB)	14
23	JAIN DIYA LALIT	FYBBA(IB)	17
24	JAIN JAY SANJAY	FYBBA(IB)	18
25	JAIN PRIYANSH SHRIPAL	FYBBA(IB)	15
26	JAIN ROHIT ASHOK	FYBBA(IB)	16
27	JHA HRITIK AJIT	FYBBA(IB)	18
28	KADAM SAKSHI SANDEEP	FYBBA(IB)	16
29	KARNAWAT UTKARSH PARAS	FYBBA(IB)	18
30	KATWE OM SACHIN	FYBBA(IB)	16
31	KHAN SANIYA MOHAMMAD YAQUB	FYBBA(IB)	18
32	KHANTER YASH MAHAVIR	FYBBA(IB)	16
33	KHINVASARA NIRAJ ASHOK	FYBBA(IB)	18
34	KOTWAL MOHAMMED ARHAM	FYBBA(IB)	18
35	KULKARNI SWARAJ SANTOSH	FYBBA(IB)	17

36	KUWAD VIKESH NARESH	FYBBA(IB)	16
37	LAMA DHAWA PEMA NEHMA	FYBBA(IB)	15
38	LIMBACHIYA MEET ASHWIN	FYBBA(IB)	17
39	LODHA RUHI HITESH	FYBBA(IB)	18
40	MASALIYA TANISHKA AMIT	FYBBA(IB)	16
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42	MOIZ HAFIZ	FYBBA(IB)	18
43	MULAY AVNEESH GURUDATTA	FYBBA(IB)	15
44	NAIDU GOKUL SURYANARAYAN	FYBBA(IB)	18
45	NALAGE ATHARVA UMESH	FYBBA(IB)	16
46	NAVLAKHA SHIREYA AADESH	FYBBA(IB)	17
47	NIBJIYA PRANIT DINESH	FYBBA(IB)	18
48	OSWAL HARSH RAJESH	FYBBA(IB)	15
49	OSWAL JAY SACHIN	FYBBA(IB)	17
50	OSWAL PRATHAM SANJAY	FYBBA(IB)	16
51	OSWAL RONAK MAHENDRA	FYBBA(IB)	19
52	PAKHARSANGAVE ANAND ARJUN	FYBBA(IB)	17
53	PATEL KOMAL SUNIL	FYBBA(IB)	19
54	PATEL LEENA RAJESH	FYBBA(IB)	16
55	PATIL AKSHADA DNYANESHWAR	FYBBA(IB)	16
56	PAWAR SRUSHTI NIVRUTTI	FYBBA(IB)	17
57	PIHALANE ADHIESH SANJAY	FYBBA(IB)	16
58	PRATAPGARHWALA MOHAMMED HASAN	FYBBA(IB)	19
59	RANGWALA AZIZ KUTUBUDDIN	FYBBA(IB)	18
60	RANPURA VIDHI VISHAL	FYBBA(IB)	17
61	RATHI VEDANT NARENDRA	FYBBA(IB)	15
62	RATHOD KUSH ANAND	FYBBA(IB)	16
63	REWATKAR SAHIL NITIN	FYBBA(IB)	19
64	SALVI ANGHA ANANT	FYBBA(IB)	14
65	SAYYAD SAADAHMED MOINUDDIN	FYBBA(IB)	18
66	SHAH DWIJ SAURABH	FYBBA(IB)	15
67	SHAH SHRIYA KISHORE	FYBBA(IB)	18
68	SHAIKH FARAZUDDIN NASIRUDDIN	FYBBA(IB)	16
69	SHAIKH FARHAN NAZEER	FYBBA(IB)	17
70	SHINDE MANDAR VIJAY	FYBBA(IB)	18
71	SHINGATE JAY RAJESH	FYBBA(IB)	15
72	SHINGAVI ANEESHA SACHIN	FYBBA(IB)	17
73	TANNA PARTH MUKESH	FYBBA(IB)	16
74	THAKKAR MITESH JAGDISH	FYBBA(IB)	19
75	THAKKAR NIRAJ SUNIL	FYBBA(IB)	18
76	TOLANI BHAVESH JITENDRA	FYBBA(IB)	17
77	VATSAL RAWAL	FYBBA(IB)	18
78	VISHWAKARMA KHUSHI SUGRIV	FYBBA(IB)	16
79	XAVIER ANDREA AUGUSTINE	FYBBA(IB)	15
80	YEWALE RANVEER KIRAN	FYBBA(IB)	18
81	ZAIB SADIQUE SACHE	FYBBA(IB)	16
82	ZAINAB ISHTIYAK DALVI	FYBBA(IB)	17
83	GANDHI KAMNA KIRAN	FYBBA(IB)	18
84	JADEJA DEV GHANSIYAM	FYBBA(IB)	15
85	SHISHIR SINGH	FYBBA(IB)	17

86	SOMINENI BHARGAVI NAGESH	FYBBA(IB)	16
87	HIMANSHU PANDIT	FYBBA(IB)	17
88	ABHAY NAGI NDRAPRATAP SINGH	FYBBA	18
89	DIVATE ABHISHEK ARJUN	FYBBA	17
90	ADITYA KHANDELWAL	FYBBA	17
91	CHITURKAR ATHARV AVINASH	FYBBA	16
92	OZA ATHARVA SANTOSH	FYBBA	19
93	BAGADE ATHARVA SANJAYKUMAR	FYBBA	14
94	BARAVKAR MIRUNAL NANDKUMAR	FYBBA	18
95	BHAIKAV PALISHA	FYBBA	17
96	BHAMARE GAURAV SANJAY	FYBBA	16
97	BHOMAWAT AMY HITESH	FYBBA	18
98	PATEL BHOOMI VIJAY	FYBBA	17
99	CHITTA KRISHNA SANJAY	FYBBA	18
100	CHOUDHARY PAVAN POKARRAM	FYBBA	19
101	DHOLE SAHIL SACHIN	FYBBA	19
102	GAD SANJANA SAMEER	FYBBA	14
103	GADE OM VISHWASRAO	FYBBA	18
104	GANDHI NIKAR LALIT	FYBBA	17
105	GANDHI RISHABH GANESH	FYBBA	18
106	HARSH PATEL	FYBBA	16
107	HATIM BHIMPUR	FYBBA	16
108	HAWARE ATHARVA UDAY	FYBBA	17
109	HEDA SHUBHANGI MUKESH	FYBBA	18
110	JAIN RISHABH MAHAVIR	FYBBA	15
111	JAIN VARUN DEEPAK	FYBBA	17
112	DOSHI JAINAM HIMAL	FYBBA	16
113	TALESARA JATIN VIMALRAJ	FYBBA	17
114	JODHAWAT DARSHAN DEEPAK	FYBBA	16
115	KACHI ATHARVA HEMANT	FYBBA	19
116	KADAM MOHIT VINOD	FYBBA	15
117	KAKADE PRANAV PRAKASH	FYBBA	18
118	KAMBLE KIMAYA PARIMAL	FYBBA	18
119	KAMLAPURE GOVIND NITIN	FYBBA	15
120	KATKAR AASTHA RAMESH	FYBBA	17
121	KHANDELWAL VINIT UTTAM	FYBBA	17
122	PATEL KHUSHI DAMODAR	FYBBA	18
123	DUMBRE MAITHILI PRASANNA	FYBBA	13
124	MEHTA JESHA RAMESH	FYBBA	16
125	MEHTA LAVESH PANKAJ	FYBBA	18
126	LONE MEHWISH NISAR	FYBBA	15
127	MEMON AMAAN SOYEB	FYBBA	18
128	PARTEK MEENAKSHI ASHOK	FYBBA	18
129	MODI PALASH SUNIL	FYBBA	16
130	MURSAL SAHIL NIYAJ	FYBBA	18
131	MUTHA DSHAN PARESH	FYBBA	16
132	JAIN NEERAJ RANJEET	FYBBA	18
133	PATEL NIMISHA DHIRAJ	FYBBA	19
134	OSWAL HARSH BIHARAT	FYBBA	16
135	OSWAL LIKHIT DINESH	FYBBA	16
136	PALRECHA DARSHAN NITESH	FYBBA	15
137	PANDEY AKASH SHIV KUMAR	FYBBA	17
138	PANDIT RAJ DEVRAM	FYBBA	18
139	PATEKAR ABHISHEK DATTATRAYA	FYBBA	16

140	PATEL ALAM LATIF	FYBBA	19
141	PATIL PRAPTI UDAY	FYBBA	15
142	PORWAL DHIRUV NILESH	FYBBA	18
143	PORWAL TEJASHRI SANJAY	FYBBA	16
144	BAFNA PREE TI ANAND	FYBBA	17
145	RATHOD DHIRUV VIJAY	FYBBA	18
146	RATHOD KARISHMA NARENDRA	FYBBA	19
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148	MEGHAWAT ROHIT RAMESH	FYBBA	18
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150	JAIN RUSHALI MANOJKUMAR	FYBBA	19
151	KADAM SAHIL SANDEEP	FYBBA	16
152	SALUNKHE OMKAR KESHAV	FYBBA	18
153	TOKSHIYA SANJAL SUKESH	FYBBA	17
154	SAVE RUSHEEL RAHUL	FYBBA	18
155	SHAH JAY MEHUL	FYBBA	15
156	SHAH JAY SHAIKENDRA	FYBBA	17
157	SHAH KRISHA HITESH	FYBBA	16
158	SHAIKH ADIL FAROOQ	FYBBA	17
159	SHAIKH AYAN ILYAS	FYBBA	18
160	SHAIKH MUZZAMMIL ABDUL WAHID	FYBBA	16
161	SHAIKH OWAIS ABDUL HAQUE	FYBBA	15
162	SHAIKH RAHEEL ABDUL WAHAB	FYBBA	19
163	SOLANKI ANSH MANISH	FYBBA	16
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165	TIMBADIA KANCHI VIPUL	FYBBA	17
166	VETAL ATHARVA UDAY	FYBBA	16
167	PATEL VINIT NARENDRA	FYBBA	19
168	WASDEV ROHIT KAMAL	FYBBA	18
169	BHAGWAN YASH RAJARAM	FYBBA	17
170	KAMBLE YASHODEEP JASWANT	FYBBA	18
171	TANK YASH RAJESH	FYBBA	19
172	OM UDDHAV DHONGADE	FYBBA	17
173	OSWAL MOKSH YOGESH	FYBBA	13

Spranmi
HOD

Dr. Arun R. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

CERTIFICATE



Tally



This is to certify that

has successfully passed in
the Knowledge Lit Careers Certificate Course i.e.

**Quick Tally with Tally.ERP 9 - GST (Tally & Computer Base Accounting)
(CCA Tally)**

She/he has secured grade
While pursuing this course of 30 hours duration
She/he has excelled Trading Organization.

at

In testimony where of are set the seal and signature

Authorised Signatory
CCA Educations Pvt. Ltd.
Pune

Authorised Signatory
Principal
Vishwakarma College of Arts
Commerce And Science
Kondhwa - Pune

Certificate No. :



www.ccaindia.in





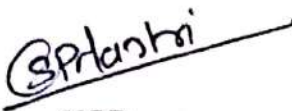
BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 25/08/2020

Notice

All students of BSc(CS) & BBA(CA) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on "Principles of Programming and Algorithms" from 01/09/2020 to 15/09/2020 at 6:00pm to 8:00pm. Registration is mandatory for all.

Online Platform – Google Meet

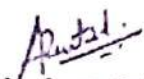


HOD

(Commerce)



(Science)


Principal N. R. Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Principles of Programming and Algorithms
2020-21
Enrolled Student List

Sr No.	Student Name	Class
1	BHOR VIRAJ SUNIL	FYBBA(CA)
2	CHAVAN RADHIKA KAMLAKAR	FYBBA(CA)
3	CHORDIYA SANDESH RAJESH	FYBBA(CA)
4	CHOUDHARI ADIT SHIRIRANG	FYBBA(CA)
5	CHOUGUI E MAHIMA VISHWAS	FYBBA(CA)
6	CHOHAN SAMEER RAUF	FYBBA(CA)
7	DESHMUKH SANKET DILIP	FYBBA(CA)
8	DOSANI MADINA ANVAR	FYBBA(CA)
9	GANGERA ABHISILK PRAVINBHAI	FYBBA(CA)
10	GHOLAP KIRAN VASANT	FYBBA(CA)
11	GILBILE SARANG SAJAN	FYBBA(CA)
12	GUNDESHA KAJAL SUKESH	FYBBA(CA)
13	HARNE ATHARVA RAJESH	FYBBA(CA)
14	HATIM JOGPURWALA	FYBBA(CA)
15	KHAN FAISAL SALIM	FYBBA(CA)
16	KHAN MUHAMMED ZAID IMRAN	FYBBA(CA)
17	KHUSHAL PARMAR	FYBBA(CA)
18	LOKHANDE TEJAS BALAJI	FYBBA(CA)
19	MANDLIK ISHWARI SANTOSH	FYBBA(CA)
20	MARAL VAISHNAVI RAVINDRA	FYBBA(CA)
21	MD ZAFIRUDDIN DANISH ZAKIR	FYBBA(CA)
22	MICHELLE GIRKAR	FYBBA(CA)
23	MODI PRACHI SURESH	FYBBA(CA)
24	NIKAM ATHARVA MAHESH	FYBBA(CA)
25	OSWAL KHUSHAL DILIP	FYBBA(CA)
26	OSWAL MAHAVIER VINOD	FYBBA(CA)
27	PAWAR ANIKET ASHOK	FYBBA(CA)
28	PARMAR PRAVIN KATILAL	FYBBA(CA)
29	PRASANNA JAYWANT KADAM	FYBBA(CA)
30	PUNJABI BHAVIKA SHANKAR	FYBBA(CA)
31	DEWASWALA I BRAHIM YUSUF	FYBSe(CS)
32	DHANGE NAMRATA MAHANTESH	FYBSe(CS)
33	DHARME SHREYASH BABASAHEB	FYBSe(CS)
34	DONGARE MAYURI BALAJI	FYBSe(CS)
35	DUBEY JEET RAJESH	FYBSe(CS)
36	GAIKWAD ATHARVA NILESH	FYBSe(CS)
37	GALINDE ON MAHESH	FYBSe(CS)
38	GHUME JYOTSNA GANESH	FYBSe(CS)
39	GOGAWALE ANUJA MARUTI	FYBSe(CS)
40	GONGLE PRATHAMESH PRASHANT	FYBSe(CS)

41	GUNAWARE RUSHIKESH SANJAY	FYBSc(CS)
42	GUPTI PRANAV SHIVDAS	FYBSc(CS)
43	GURAV HARSHAL PRAKASHI	FYBSc(CS)
44	HIRIMATHI PRAJWAL BASAVRAJ	FYBSc(CS)
45	HUNNARGIKAR HIRISHIKESH SANJEEV	FYBSc(CS)
46	ILKAL NABEEL NAHID	FYBSc(CS)
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52	KATARIKAR SAKSHI AJI	FYBSc(CS)
53	KHADE AADARSH UMESH	FYBSc(CS)
54	KHEDIKAR VRUSHALI SUNIL	FYBSc(CS)
55	KOKARDI YASH ANIL KUMAR	FYBSc(CS)
56	KOLIKAR ABHISHEK SHANTARAM	FYBSc(CS)
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58	NIRMAI VISHAKHA VIJAY	FYBSc(CS)
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71	SABAIL SIDDHANT NILESH	FYBSc(CS)
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82	SHAIKH MOHAMMED AFFAN FAYYAZ	FYBSc(CS)



Patil
 Dr. Arun R. Patil
 PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 043.

Value Added Course "Principles of Programming and algorithms"

Course Objectives:

- To provide a solid background in the design and analysis of the major classes of algorithms.

Course Contents:

Sr.No	Content Covered	Hours
1.	Algorithm 1.1 Concept: Problem, Algorithm. 1.2 Characteristics of an algorithm. 1.3 Examples 1.3.1 Addition / Multiplication of integers 1.3.2 Determining if a number is +ve / -ve, even / odd 1.3.3 Maximum of 2 numbers, 3 numbers 1.3.4 Sum of first n numbers, sum of given n numbers, Sum of digits of a given number, sum of first and last digit of a Number. 1.3.5 Digit reversing. Table generation for number n, Factorial of a number, Prime number, Factors of a number, Perfect number, Palindrome number, Armstrong number, GCD And LCM of 2 numbers.	7 Hours
2.	FlowChart 2.1 Introduction 2.2 Symbols 2.3 Draw flowcharts for algorithms implemented in chapter 1	7 Hours
3.	Function 3.1 Definition, Syntax. 3.2 Introduction to Library functions : such as pow(), sqrt() etc 3.3 Recursion 3.3.1. Factorial of a number. 3.3.2. Sum of digits of a given number.	8 Hours
4.	Array 4.1 Introduction 4.2 Algorithms and Flowcharts using array 4.2.1. Maximum and minimum element from an array 4.2.2. Reversing elements of an array 4.2.3. Mean and Median of n numbers 4.2.4. Row major and Column major representation of an array 4.2.5. Sum of elements of an array 4.2.6. Matrices: Addition, Multiplication, Transpose, Symmetry, upper/lower triangular	8 Hours

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BRAC'T's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2020—2021

Course : Principle of programming and Algorithm

Marks :20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. Which programming paradigm emphasizes on writing code that is easy to read and maintain?
a) Procedural programming c) Functional programming
b) Object-oriented programming d) Structured programming
2. What is the term used for a block of code that is executed repeatedly until a certain condition is met?
a) Function c) Condition
b) Loop d) Variable
3. Which data structure is used for storing a collection of elements in a non-linear fashion?
a) Array c) Queue
b) Stack d) Tree
4. Which operator is used for exponentiation in most programming languages?
a) ^ c) %
b) * d) **
5. Which programming language is used for developing Android apps?
a) Java c) Python
b) C# d) Swift
6. Which of the following is not a valid variable name in most programming languages?

a) If statement

c) While loop

b) For loop

d) Switch statement

16. Which of the following is a type of database?

a) Relational database

c) NoSQL database

b) Object-oriented database

d) All of the above

17. Which of the following is a type of computer network?

a) Local Area Network (LAN)

c) Metropolitan Area Network (MAN)

b) Wide Area Network (WAN)

d) All of the above

18. Which of the following is a type of web development framework?

a) Django

c) Angular

b) React

d) All of the above

19. Which of the following is a type of web hosting?

a) Shared hosting

c) Virtual Private Server (VPS) hosting

b) Dedicated hosting

d) All of the above.

20. Which of the following is not a commonly used programming language for web development?

a) Java

c) Python

b) Ruby

d) Swift

Project
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01

BRACT's
Vishwakarma College of Arts, Commerce and Science
Principles of Programming and Algorithms
 2020-21
Marksheet

Sr No.	Student Name	Class	Marks
1	BHOR VIRAJ SUNIL	FYBBA(CA)	17
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[Signature]
HOD

[Signature]
Dr. Arun R. Patil
Principal
Vishwakarma College of Arts,
Commerce & Sciences
Kondhwa(Bk. 1), Pune-411 042



Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VAULE ADDED COURSE

PRINCIPLES OF PROGRAMMING AND ALGORITHMS

This certificate is presented to Mr./Ms. **Pawar Aniket** for successfully completing **Principles of Programming and Algorithms**, for the Academic Year 2020-21, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal

2019-20



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 01/08/2019

Notice

All students of FBBA and FBBA(IB) are hereby informed that Vishwakarma College of Arts, Commerce And Science, Pune has organized Value Added Course on "Communication Skills for Managers(30hrs.)" from 10/08/2019 to 22/08/2019 daily 3hrs. at 08:00 pm to 11:00am. Attendance is mandatory for all.

Venue-Hall no. 004

Splashi

HOD

(Commerce)

Principal
Principal
Dr. Arunima Patil
Vishwakarma College of Arts,
Commerce & Science
Kandhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science

2019-2020

Enrolled student (Daily 3 hrs)

Subject: Communication skills ~~for Managers.~~
for Managers.

Sr No.	Student Name	SIGN
1	ADAPAWAR PARITOSH PRASHANT	(Adapawar)
2	AGARWAL SANSKAR BHOLENATH	(Sanskar)
3	AHMAD ZUBAIR	(Zubair)
4	ALAM ABDUL HAI	(A)
5	RATHOD ANAND JAVER	(A)
6	ANSARI SHOAB SALIM	(Shoab)
7	ARJUN KAMLESH DASHRATH	(K)
8	BAFNA DARSHAN AJIT	(D)
9	BAGWAN SANIYA PARVEZ	(S)
10	BAMB HARDIK ASHIT	(Hardik)
11	BHAGAT MEET JAGDISH	(Meet)
12	BORANA POOJA MANISH	(Pooja)
13	CHANDAN JEET TRIBHUVAN	(Jeet)
14	CHANDAN UPENDRA YOGESH	(Chandans)
15	CHHORIYA BHUSHAN DILIP	(B)
16	CHOUDHARY PRAKASH BHANARAM	(Pra)
17	RAHUL SATISH DASHWANT	(Rahul)
18	DESHMUKH SHAILENDRA KESHAV	(SD)
19	DUBEY ATUL SANTOSH	(Dubey)
20	DUGAD HRITHIK SANTOSH	(Dugad)
21	DUSAD YASH ONKAR	(Y)
22	FARID	(Farid)
23	GADADE ANUSHKA MANOJ	(Anushka)
24	GADKARI SHIVANI SHANKAR	(Shivani)
25	GANDHI JAINAM SACHIN	(S)
26	GUNAJI VAISHNAVI VALLABH	(V)
27	GUNDECHA AISHWARYA VIRENDRA	(Anushka)
28	DADU HATIM SALIM	(S)
29	HATOLKAR DEVESH DHANANJAY	(D)
30	HIKMATULLAH	(H)
31	INGULKAR SIDDHESH PRAKASH	(Sidd)
32	JADHAV SAURABH DILIP	(Saurabh)
33	JADHAV SNEHAL SANTOSH	(Snehal)
34	JAIN AYUSH YOGESH	(A)

35	JAIN SHAKSHI JAYANTILAL	Shakshi
36	JAIWAL ANUJ SHARDAPRASAD	Anu
37	JAMBHULKAR SEJAL SANJAY	Sejal
38	KALE TANAYA SUNIL	Tanaya
39	KAWALE SUMEDH SUBHASH	Sumedh
40	KHAN KUDUSIYA NADIR	K.
41	KHAN MOHD NOOMAN JABBAR	M
42	KHATRI FARHAN ABDULKADAR	Farhan
43	MAGAR VAISHNAVI RAJESH	V
44	MALVIYA DHIRAJ RAMESH	D
45	MASAL SHRUTI PRAKASH	Shruti
46	MASALAWALA ABDUL QADER	A.
47	MEHTA KUNAL RAJESH	Kunal
48	MEHTA YASH KISHOR	Y.
49	MEMON ABUOBED MOHAMMAD	A
50	MISAL SAKSHI VILAS	Sakshi
51	MULLA AMIRA ALTAF	Amira
52	NAHAR SAACHI DINESH	Saachi
53	OSWAL JAINAM HARISH	Jainam
54	OSWAL VIDHI JITENDRA	V
55	PANBUDE AKSHAY SHRAVAN	Akshay
56	PATEL ARMAANRAZA TANVEER	A
57	PATEL PARTH PRASHANT	Parth
58	PATIL PANKAJ HARILAL	Patil
59	MASIHULLAH RAHIMI	Rahimi
60	RANKA LITIK PRAVEEN	Pra
61	RAO ANURAG SHRINIVAS	RAO
62	RASANE ADITYA VIJAY	Adi
63	RATHI CHIRAG RAJESH	Chirag
64	RATHOD ADITYA JAVER	Adi
65	RATHOD DIVESH SANJAY	Divesh
66	SALUNKHE VISHWARAJ VINAYAK	Vishwaraj
67	SANKALA PALLAVI KISHOR	Pallavi
68	SAYED DIDAR SADAT	Didar
69	SAYYED SALEEM ALI	SAI
70	SHAH AAYUSHI RAKESH	Aayushi
71	SHAH BHAVIK AJIT	Bhavik
72	SHAH HARSH BHAVESH	Harsh
73	SHAH YASH MANISH	Yash
74	SHARMA PREETESH YOGESH	Preetesh
75	SHARMA SACHIN DHARAMVIR	Sachin
76	SHINDE TUSHAR ANIL	Tushar
77	SONI VIDHI PRAVIN	Soni
78	SULAIMAN ASLAMI	Sulaiman

79	SURANA DHRUV MAHESH	Dhruv
80	TARAWADE OM KISHOR	OM.
81	UPADHYAY ANKIT RAJU	A.V.
82	VICTOR SAKSHI JOSEPH	Saks
83	VIDHATE VAIBHAV SANTOSH	Vidhate
84	WADKAR OM GANESH	Wadkar
85	YEWANDGE MANASI NAGESH	Manasi
86	MANZOOR AHMAD	Manzoor
87	MORE PRANAV VIJAY	MP
88	TUPE RUTVIK BAPU	RPB
89	BAMBOLI PAKSHAL NAREDNRA	PB
90	MEHTA JAINAM NARESH	Jainam
91	TUPE SIDDHANT SACHIN	Sid
92	POTE YADURAJ GAUTAM	Yaduraj
93	SAWAR AKASH CHANDRAKANT	SA
94	MOHAMMAD MUSTAFA IBRAHIMI	Mustafa
95	SAYED ARIF SADAT	Arif
96	DANIEL NIKITA WILSON	Wilson
97	DARDA AAKASH RAJESH	Rajesh
98	SAMI	Sami
99	AHMED JAVED	Ahmed
100	AMIN AQA	Amin
101	ANNAS KHAN	Annas
102	BHALSHANKAR ASHISH SHAMVUEL	Bhalshankar
103	BHARRE NILAY SHAMSUNDER	Nilay
104	BHUJBAL VEDHAS MAHESH	Vedhas
105	BURHANUDDIN SALIM DADU	Burhanuddin
106	DADHICH MAHAVIR BHAGWATIPRASAD	Dadhich
107	DAVE HARDIK ARJUN	Hardik
108	DAYMA SHUBHAM NANKISHOR	Shubham
109	FAYAZ AHMAD	Fayaz
110	GAIKWAD NIDHI AJAY	Nidhi
111	GHORPADE RUTUJA SUNIL	Rutuja
112	GIRME ARYAN ANIL	Aryan
113	GORE ASHLESHA UMESH	Ashlesha
114	GUGAD SARITA GANESH	Sarita
115	JAGTAP ADITI SUNIL	Aditi
116	JAIN ANSHUL VIJESH	Anshul
117	JAIN RUSHABH KIRAN	Rushabh
118	JALAN VEDANT AMIT	Vedant
119	JANI YOSHITA APOORVA	Yoshita
120	KHAN IRFAN KARAMTULLAH	Irfan
121	KHAN MOHAMMED KAIF SAIFAN	Mohammed
122	KHINVASARA CHIRAG DEVENDRA	Chirag
123	KOTHARI PARSHWA ANANDKUMAR	Parshwa
124	KUNAL TRIVEDI	Kunal
125	LADDHA ANSHITA SUNIL	Anshita
126	LODHA ISHIKA HITESH	Ishika
127	LUNAWAT HARSH RIKHAB	Harsh
128	MALI ARKAJ PRAVIN	Arka
129	MOHAMMAD FAYEZ	Fayez
130	MOHAMMAD MANSOOR	Mansoor
131	MOHAMMAD SAMEER	Sameer

132	MOMIN AMMAR ABDUSSATTAR	<i>Mu</i>
133	MUNOT JAYESH BHARAT	<i>Muj</i>
134	NIGADE ABHISHEK YOGESH	<i>Nig</i>
135	OSWAL KUNIKA NITIN	<i>Os</i>
136	PAREKH NAMAN MAHAVIR	<i>Par</i>
137	PARMAR PRATHAM HITESH	<i>Pr</i>
138	PATIL RIJUL PRAVIN	<i>Pr</i>
139	PEYARI SANOWER	<i>Pe</i>
140	PILLAI ABHISHEK SOMASHEKHARAN	<i>Pill</i>
141	PILLAI VAISHNAVI VENUGOPAL	<i>Pill</i>
142	PISE SIDHAANT ARUN	<i>Pise</i>
143	PUGALIA RICHA HEMANT	<i>Pug</i>
144	RAKATE NEHA ANKUSH	<i>Rak</i>
145	RANGDAL PRASAD DEEPAK	<i>Ran</i>
146	RANGDAL RITIKA DEEPAK	<i>Ran</i>
147	RATHOD AKSHAD DILIP	<i>Rath</i>
148	SABAON	<i>Sab</i>
149	SAMRUDDHI JITENDRA LELE	<i>Sam</i>
150	SANCHITA NAG	<i>San</i>
151	SANGHVI HEENAL RAJESH	<i>Sang</i>
152	SARAF NIYATI HARISH	<i>Sara</i>
153	SAVLA RIDDHI CHETAN	<i>Sav</i>
154	SAYED ATIF NASIR	<i>Say</i>
155	SAYYED MOHAMMED SAIF SAMEER	<i>Say</i>
156	SHAH BHUMI SANDEEP	<i>Shah</i>
157	SHAH DHRUVI KARTIK	<i>Shah</i>
158	SHAH DISHANT NITESH	<i>Shah</i>
159	SHAH HARSH DINESH	<i>Shah</i>
160	SHAH SHREYANSH PRAKASH	<i>Shah</i>
161	SHAIKH OMAR FARHAN KARIM	<i>Shai</i>
162	SHAIKH SHIFA FAIYAZ	<i>Shai</i>
163	SHARMA KAMANA GANPAT	<i>Shar</i>
164	SHARMA MIHIR NEMICHAND	<i>Shar</i>
165	SHIVANI MAHESH PIMPLE	<i>Shiv</i>
166	SHUBHANKAR MENGANE	<i>Shub</i>
167	SOLANKI DHURUV PRAVIN	<i>Sola</i>
168	SONI VISHAL NARENDRA	<i>Soni</i>
169	SUNNY KENNETH BERNARD	<i>Sun</i>
170	TAMBARE SHUBHAM BHAGWAT	<i>Tam</i>
171	TAWARE YASH GULAB	<i>Tawa</i>
172	TEJWANI PRATHNA RAJESH	<i>Tej</i>
173	THAKKAR ISHA MANOJ	<i>Thak</i>
174	THAKKAR PARTH JAYESH	<i>Thak</i>
175	THAKKAR PRANJAL PRAKASH	<i>Thak</i>
176	UMAIR NABIL KHAN	<i>Umai</i>
177	VYAS HARSH RISHIKESH	<i>Vyas</i>



BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE, PUNE

Syllabus

Value added course "Communication Skills for Managers"

Course Objectives:

To develop the capability to understand Information that is presented in any format.

Course Contents:

S. no.	Content Covered	Hours
1	Improving vocabulary and common Errors	2 Hours
2	Sentence construction and types of sentences	2 Hours
3	Comprehension and expansion of Ideas	3 Hours
4	Drafting a speech	4 Hours
5	Interview skills and resume writing	3 Hours
6	Social conversation skill	3 Hours
7	Telephone conversation skills	3 Hours
8	Office conversation skills	4 Hours
9	Report writing	3 Hours
10	Email writing	3 Hours

Sprantm





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2019-20

Course : Communication Skills For Managers

Marks :20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. Communication is a non-stop _____.

- (A) Paper (B) process
(C) programme (D) plan

2. Communication is a part of _____ skills.

- (A) Soft (B) hard
(C) rough (D) short

3. The _____ is the person who transmits the message.

- (A) Receiver (B) driver
(C) sender (D) cleaner

4. _____ is the person who notices and decodes and attaches some meaning to a message.

- (A) Receiver (B) driver
(C) sender (D) cleaner

5. Message is any signal that triggers the response of a _____

- (A) Receiver (B) driver
(C) sender (D) cleaner

6. The response to a sender's message is called _____

- (A) Food bank (B) feedback
(C) food (D) back

7. _____ context refers to the relationship between the sender and the receiver

- (A) Social (B) physical
(C) cultural (D) chronological

8. _____ context refers to the similarity of backgrounds between the sender and the receiver.

- (A) Physical (B) social
(C) chronological (D) cultural

9. _____ refers to all these factors that disrupt the communication.

- (A) Nonsense (B) noise
(C) nowhere (D) nobody

10. Environmental barriers are the same as _____ noise.

- (A) Physiological (B) psychological
(C) physical (D) sociological

11. Our dress code is an example of _____ communication.

- (A) Verbal (B) nonverbal
(C) written (D) spoken

12. Communication strengthens _____ & _____ relationship in an organization.

- (A) employer-father (B) employer-employer
(C) mother-employer (D) mother-child

13. _____ communication includes tone of voice body language, facial expressions etc.

- (A) Nonverbal (B) verbal
(C) letter (D) notice

14. When there is similarity of background between the sender and the receiver such as age, language nationality, religion, gender then this is called _____ context.

- (A) social (B) cultural
(C) physical (D) dynamic

15. Letter, e-mail telephone are examples of _____

- (A) message (B) feedback
(C) channel (D) encoding

16. Understanding _____ different parts of speech forms the base of learning grammar

- (A) Five (B) Eight
(C) Six (D) Seven

17. It is of paramount importance that one needs to construct a _____ sentence in the day to day affairs

- (A) Wrong (B) Correct
(C) Incorrect (D) Right

18. A _____ way be defined as the name of a person place or thing

- (A) Verb (B) Noun
(C) Pronoun (D) Adverb

19. According to Hobbes communication is the _____ interchange of thought or idea.

- (A) Visual (B) Audio
(C) Verbal (D) Written

20. The person who transmits the message is called the _____ or

- (A) Sender (B) Giver
(C) Taker (D) Receiver

BRACT's
Vishwakarma College of Arts, Commerce and Science
2019-20
Communication Skill for Managers
Marksheet

Roll No.	Student Name	MARKS
4001	ADAPAWAR PARTOSH PRASHANT	15
4002	AGARWAL SANSKAR BHOLENATH	17
4003	AHMAD ZUBAIR	18
4004	ALAM ABDUL HAI	20
4005	RATHOD ANAND JAVER	18
4006	ANSARI SHOAIB SALIM	17
4007	ARJUN KAMLESH DASHIRATH	18
4008	BAFNA DARSHAN AJIT	19
4009	BAGWAN SANIYA PARVEZ	17
4010	BAMB HARDIK ASHII	13
4011	BHAGAT MEET JAGDISH	16
4012	BORANA POOJA MANISH	18
4013	CHANDAN JEET TRIBHUVAN	15
4014	CHANDAN UPENDRA YOGESH	16
4015	CHHORIYA BHUSHAN DILIP	17
4016	CHOUHARY PRAKASH BHANARAM	17
4017	RAHUL SATISH DASHIWANT	18
4018	DESHMUKH SHAILENDRA KESHAV	16
4019	DUBEY ATUL SANTOSH	15
4020	DUGAD HRITHIK SANTOSH	15
4021	DUSAD YASH ONKAR	19
4022	FARID	18
4023	GADADE ANUSHKA MANOJ	16
4024	GADKARI SHIVANI SHANKAR	16
4025	GANDHI JAINAM SACHIN	17
4026	GUNAJI VAISHNAVI VALLABH	18
4027	GUNDECHA AISHWARYA VIRENDRA	15
4028	DADU HATIM SALIM	17
4029	HATOLKAR DEVESH DHANANJAY	16
4030	HIKMATULLAH	15
4031	INGULKAR SIDDHESH PRAKASH	17
4032	JADHAV SAURABH DILIP	18
4033	JADHAV SNEHAL SANTOSH	20
4034	JAIN AYUSH YOGESH	18

4035	JAIN SHAKSHI JAYANTHAI	16
4036	JAINWAL ANU JSHARDAPRAKAD	16
4037	JAMBHI EKAR KETAI SANJAY	17
4038	KALF TANAYA SUNDI	18
4039	KAWALE SUMEDHI SUDHASHI	16
4040	KHAN KUTUBSIYA NAHIR	19
4041	KHAN MOHID NOOWAN JADHAR	14
4042	KHATRI ARIHAN ADIB EKADAR	18
4043	MAGAR VAISHNAVI RAJESH	15
4044	MAUVIYA DHIRAJ RAMESH	18
4045	MASAL SHIRUTI PRAKASHI	16
4046	MASALAWALA ABDUL QADER	17
4047	MEHTA KUNAL RAJESH	18
4048	MEHTA YASH KISHOR	17
4049	MEMON ABU OBEID MOHAMMAD	17
4050	MISAL SAKSHI VILAS	16
4051	MULLA AMIRA ALTAJ	19
4052	NAHAR SAACHI DINESH	18
4053	OSWAL JAINAM HARISH	17
4054	OSWAL VIDHI JITENDRA	18
4055	PANBUDE AKSHAY SHRAVAN	16
4056	PATIL ARMAANRAZA TANVIER	15
4057	PATIL PARTH PRASHANT	18
4058	PATIL PANKAJ HARILAL	16
4059	MASHIULLAH RAHIMI	16
4060	RANKALITIK PRAVEEN	19
4061	RAO ANURAG SHRINIVAS	18
4062	RASANE ADITYA VIJAY	17
4063	RATHI CHIRAG RAJESH	17
4064	RATHOD ADITYA JAVIER	18
4065	RATHOD DIVESH SANJAY	19
4066	SALUNKHE VISHWARAJ VINAYAK	14
4067	SANKALA PALLAVI KISHOR	17
4068	SAYED DIDAR SADAT	19
4069	SAYYED SAHEEM ALI	16
4070	SHAH AAYUSHI RAKESH	19
4071	SHAH BHAVIK AJIT	16
4072	SHAH HARSH BHAVESH	17
4073	SHAH YASHI MANISH	15
4074	SHARMA PREETESH YOGESH	16
4075	SHARMA SACHIN DHARAMVIR	19
4076	SHINDE TUSHAR ANIL	14
4077	SONI VIDHI PRAVIN	18
4078	SULAIMAN ASLAMI	17

4079	SURANA DHRUV MAHESH	17
4080	TARAWADE OM KISHOR	16
4081	UPADHYAY ANKIT RAJU	14
4082	VICTOR SAKSHI JOSEPH	19
4083	VIDHATE VAIBHAV SANTOSH	19
4084	WADKAR OM GANESH	16
4085	YEWANDGE MANASI NAGESH	18
4086	MANZOOR AHMAD	13
4088	MORE PRANAV VIJAY	16
4090	TUPE RUTVIK BAPU	18
4091	BAMBOLI PAKSHAL NAREDNRA	15
4092	MEHTA JAINAM NARESH	16
4093	TUPE SIDDHANT SACHIN	17
4094	POTE YADURAJ GAUTAM	19
4096	SAWAR AKASH CHANDRAKANT	15
4097	MOHAMMAD MUSTAFA IBRAHIMI	14
4098	SAYED ARIF SADAT	19
4099	DANIEL NIKITA WILSON	19
4100	DARDA AAKASH RAJESH	18
4101	SAMI	18
3601	AHMED JAVED	15
3602	AMIN AQA	17
3603	ANNAS KHAN	17
3604	BHALSHANKAR ASHISH SHAMVUEL	18
3605	BHARRE NILAY SHAMSUNDER	19
3606	BHUJBAL VEDHAS MAHESH	14
3607	BURHANUDDIN SALIM DADU	17
3608	DADIICH MAHAVIR BHAGWATIPRASAD	19
3609	DAVE HARDIK ARJUN	16
3610	DAYMA SHUBHAM NANKISHOR	16
3612	FAYAZ AHMAD	15
3613	GAIKWAD NIDHI AJAY	17
3614	GHORPADE RUTUJA SUNIL	18
3615	GIRME ARYAN ANIL	16
3616	GORE ASHLESHA UMESH	19
3618	GUGAD SARITA GANESH	15
3619	JAGTAP ADITI SUNIL	19
3620	JAIN ANSHUL VIJESH	15
3621	JAIN RUSHABH KIRAN	16
3622	JALAN VEDANT AMIT	15
3623	JANI YOSHITA APOORVA	17
3624	KHAN IRFAN KARAMTULLAH	16
3625	KHAN MOHAMMED KAIF SAIFAN	17
3626	KHINVASARA CHIRAG DEVENDRA	17
3627	KOTHARI PARSHWA ANANDKUMAR	18
3628	KUNAL TRIVEDI	16
3629	LADDHA ANSHITA SUNIL	15
3630	LODHA ISHIKA HITESH	15
3631	LUNAWAT HARSH RIKHAB	15
3632	MALI ARKAJ PRAVIN	17
3633	MOHAMMAD FAYEZ	18
3634	MOHAMMAD MANSOOR	20

3635	MOHAMMAD SAMEER	18
3636	MOMIN AMMAR ABDUSSATTAR	16
3637	MUNOT JAYESH BHARAT	16
3638	NIGADE ABHISHEK YOGESH	17
3639	OSWAL KUNIKA NITIN	18
3640	PAREKH NAMAN MAHAVIR	15
3641	PARMAR PRATHAM HITESH	18
3642	PATIL RIJUL PRAVIN	16
3643	PEYARI SANOWER	17
3644	PILLAI ABHISHEK SOMASHEKHARAN	18
3645	PILLAI VAISHNAVI VENUGOPAL	15
3646	PISE SIDHAAANT ARUN	17
3647	PUGALIA RICHA HEMANT	16
3648	RAKATE NEHA ANKUSH	19
3649	RANGDAL PRASAD DEEPAK	17
3650	RANGDAL RITIKA DEEPAK	18
3651	RATHOD AKSHAD DILIP	20
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3653	SAMRUDDHI JITENDRA LELE	17
3654	SANCHITA NAG	18
3655	SANGHVI HEENAL RAJESH	16
3656	SARAF NIYATI HARISH	15
3657	SAVLA RIDDHI CHETAN	18
3658	SAYED ATIF NASIR	16
3659	SAYYED MOHAMMED SAIF SAMEER	17
3660	SHAI BHUMI SANDEEP	18
3661	SHAH DHIRUVI KARTIK	13
3662	SHAH DISHANT NITESH	16
3663	SHAH HARSH DINESH	18
3664	SHAH SHREYANSH PRAKASH	15
3665	SHAIKH OMAR FARHAN KARIM	16
3666	SHAIKH SHIFA FAIYAZ	19
3667	SHARMA KAMANA GANPAT	18
3668	SHARMA MIHIR NEMICHAND	16
3670	SHIVANI MAHESH PIMPLE	16
3671	SHUBHANKAR MENGANE	17
3672	SOLANKI DHIRUV PRAVIN	18
3673	SONI VISHAL NARENDRA	15
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3675	TAMBARE SHUBHAM BHAGWAT	16
3676	TAWARE YASH GULAB	17
3677	TEJWANI PRATHNA RAJESH	15
3678	THAKKAR ISHA MANOJ	18
3679	THAKKAR PARTH JAYESH	16
3680	THAKKAR PRANJAL PRAKASH	17
3681	UMAIR NABIL KHAN	18
3682	VYAS HARSH RISHIKESH	13

SP. Dantoli
HOD

Patil
PRINCIPAL Patil

WAL
Vishwajit College of Arts,
Commerce & Science
Kondhwa(Bk), Pune-411 048.



Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE
(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE

COMMUNICATION SKILLS FOR MANAGERS

This certificate is presented to Mr./Ms. **Patel Parth** for successfully completing **Communication Skills for Managers**, for the Academic Year 2019-20, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 25/06/2019

Notice

All students of B.Com, BBA, BBA(IB) and M.Com are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on **"Risk and Insurance and Management in Share and Stock Market"** from 23/07/2019 to 1/08/2019 daily 3hrs. At 2:00 pm to 5:00pm.

Attendance is mandatory for all.

Venue-Hall no. 004

Sprastor
HOD

(Commerce)

Dr. Arun R. Patil
Principal
DR. ARUN R. PATIL
PRINCIPAL
VISHWAKARMA COLLEGE OF ARTS
COMMERCE AND SCIENCE
KOTHRNAGI (E.K.) DIST. PUNE - 411 008

BRACT's
Vishwakarma College of Arts, Commerce and Science

Enrolled student (Daily 3 hrs)

BCOM, BBA , BBA IB , MCOM
2019 - 20

Subject: Risk & Insurance & Management in Share & Stock Market
Month August

Roll No.	Student Name	SIGN
1001	ABRAHAM SANITH KURUVILLA	SK
1002	AGARWAL PRIYA PRAKASH	Priya
1003	AGARWAL VIDHI KISHAN	VA
1004	AHMEDABAD AMMAR ALIASGER	AAA
1005	AKULA INDIRA RAMULU	Indira
1006	AMBEKAR MITALI VINAYAK	MA
1007	BABJI ABBAS ABDEALI	AB
1008	BADADE PRATIK HEMANT	PH
1009	BAFNA RAJ ANAND	Raj
1010	BAGHEL RAGHVENDRA VEERSINGH	RB
1011	BANGALE SHRIKANT ANAND	SAB
1012	BHALKE NIKITA SHIVAJI	NB
1013	BHANDARI NISHANT SANDEEP	NSB
1014	BHONDAVE PRAGATI DILIP	Pragati
1015	BHONDVE SARTHAK VINAY	SVB
1016	BHOSALE PRACHI PRAKASH	PP
1017	BHUTADA DEVANSH YOGESH	Dev
1018	BOBADE YASH SOMANTH	Yash
1019	BORA TEJAL MAHENDRA	Tejal
3701	AGARWAL SALONI KAILASH	Saloni
3702	ALCHETTI VISHAL DILIP	VDA
3703	BAIG MOHAMMAD ZUHAIB	MB
3704	BALULMATH MALLIKARJUN	MB
3705	BANG KALPESH RAMESH	RB
3706	BEDMUTHA PRANAV PANKAJ	PB
3707	BHARGAV SUNITA BHAGWANARAM	SBB
3708	BHIKHAPURWALA HUSSAIN	HB
3709	BONGU CHAITANYA	CB
3710	CHANDANKERI ARHAM MUSHTAQUE	K
3711	CHAVAN SAKSHI SUNIL	SBS
3712	CHILLAL SIDDHANT ARVIND	SI
3713	CHORDIYA NIRALI MAHAVIR	NMC
3714	DAVE CHIRAG PRAVIN	CD

34	DESHPANDE ADWAIT AMIT	AAD
35	DHOKA GYAN ASHOK	Gyan
36	DHOKA VIREN VIJAY	VVD
37	DUBAL SANYUKTA SANGRAM	SS
38	AYUSHI SANJAY DUBEY	AS
39	BAFNA CHIRAG LALIT	CLL
40	BAMBOLE SIDDHANT RATAN	SR
41	BANGAR SAHIL DATTATRAY	SDB
42	BOJE AMIT BALASAHEB	Amit
43	CHOUHAN HIRENDRASINGH	CH
44	DAMSE OMKAR RAJESH	OR
45	DARAK DNYANESH GANESH	DRG
46	DESHPANDE SHREYAS SUSHANT	SSD
47	DODE SHRADDHA RAJENDRA	S RD
48	AGRAWAL SHRUTI ABHISHEK	SHRUTI



Dr. Arun R. Patil
 PRINCIPAL
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 Kondhwa(Bk.), Pune-411 048.



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE, PUNE

Syllabus

Value added course "Risk and Insurance Management in Share and Stock Market"

Course Objectives:

To provide students with an understanding of the structure, organization and working of Risk and Insurance Management in Share and Stock Market, financial markets in India.

Course Contents:

Sr.No	Content Covered	Hours
1.	Identify the risk	3 Hour
2.	Determine how much you can bear	3 Hour
3.	Insure the remainder	3 Hour
4.	Term Insurance is pure insurance	3 Hour
5.	Managing Investment Risk	4 Hour
6.	Managing the Risk of Stock Investments	3 Hour
7.	Diversification	4 Hour
8.	Managing the Risk in Bond Investments	4 Hour
9.	Holding Period	3 Hour

Sp. Lectr.



BRACT's
Vishwakarma College of Arts, Commerce and Science
 2019-2020

ATTENDANCE SHEET (Daily 3 hrs)

Subject: Risk and Insurance Management in share and stock market.

SR No.	Student Name	23/7	24/7	25/7	26/7	27/7	28/7	29/7	30/7	31/7	1/8/2019
1	ABRAHAM SANITH KURUVILLA	SK	SK	SK	SK	SK	SK	SK	Priya		Priya
2	AGARWAL PRIYA PRAKASH			Priya	Priya	Priya	Priya		VA	VA	VA
3	AGARWAL VIDHI KISHAN	VA	VA	VA	VA	VA		VA	VA		VA
4	AHMEDABAD AMMAR ALIASGER	AAA	AAA	AAA		AAA	AAA		AAA		AAA
5	AKULA INDIRA RAMULU	Indira	Indira	Indira	Indira			Indira		Indira	Indira
6	AMBEKAR MITALI VINAYAK	MA	MA	MA	MA		MA	MA		MA	MA
7	BABJI ABBAS ABDEALI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	BADADE PRATIK HEMANT	PHB	PHB	PHB	PHB	PHB	PHB		PHB		PHB
9	BAFNA RAJ ANAND	Raj	Raj	Raj	Raj			Raj	Raj	Raj	Raj
10	BAGHEL RAGHVENDRA	RB	RB		RB	RB			RB	RB	RB
11	BANGALE SHRIKANT ANAND	SAB	SAB	SAB	SAB	SAB			SAB	SAB	SAB
12	BHALKE NIKITA SHIVAJI		NB	NB	NB		NB	NB		NB	NB
13	BHANDARI NISHANT SANDEEP	NSB	MSB	NSB	NSB	NSB	NSB	NSB	NSB	NSB	NSB
14	BHONDAVE PRAGATI DILIP	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati
15	BHONDVE SARTHAK VINAY	SUB	SUB	SUB	SUB	SUB	SUB		SUB	SUB	SUB
16	BHOSALE PRACHI PRAKASH	PR	PR	PR		PR	PR	PR	PR		PR
17	BHUTADA DEVANSH YOGESH	Dev	Dev	Dev	Dev	Dev		Dev	Dev	Dev	Dev
18	BOBADE YASH SOMANTH	Yash	Yash	Yash	Yash	Yash	Yash		Yash	Yash	Yash
19	BORA TEJAL MAHENDRA	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal		Tejal	Tejal
20	AGARWAL SALONI KAILASH	Saloni		Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni
21	ALCHETTI VISHAL DILIP	VDA	VDA	VDA	VDA	VDA	VDA	VDA	VDA	VDA	VDA
22	BAIG MOHAMMAD ZUHAIB	NB	NB	NB	NB		NB	NB	NB		NB

24	BANG KALPESH RAMESH	PB		PB	PB	PB		PB	PB	PB	PB
25	BEDMUTHA PRANAV PANKAJ	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB
26	BHARGAV SUNITA	SBB	SBB	SBB	SBB	SBB	SBB	SBB	SBB	SBB	SBB
27	BHIKHAPURWALA HUSSAIN	HB	HB		HB	HB	HB		HB	HB	HB
28	BONGU CHAITANYA	CB	CB	CB		CB	CB		CB		CB
29	CHANDANKERI ARHAM	PC	PC	PC	PC	PC	PC	PC	PC		PC
30	CHAVAN SAKSHI SUNIL	SBC	SBC	SBC		SBC	SBC	SBC	SBC	SBC	SBC
31	CHILLAL SIDDHANT ARVIND	SL	SL	SL	SL	SL	SL	SL		SL	SL
32	CHORDIYA NIRALI MAHAVIR	NML	NML		NML	NML	NML	NML	NML	NML	NML
33	DAVE CHIRAG PRAVIN	CD	CD	CD	CD	CD		CD	CD	CD	CD
34	DESHPANDE ADWAIT AMIT	AAD	AAD	AAD	AAD	AAD		AAD		AAD	AAD
35	DHOKA GYAN ASHOK	Gyan	Gyan	Gyan		Gyan	Gyan	Gyan		Gyan	
36	DHOKA VIREN VIJAY	VJD	VJD		VJD	VJD	VJD	VJD	VJD	VJD	VJD
37	DUBAL SANYUKTA SANGRAM	SS	SS	SS	SS	SS		SS	SS	SS	SS
38	AYUSHI SANJAY DUBEY	AB	AB	AB		AB	AB	AB		AB	AB
39	BAFNA CHIRAG LALIT	CAL	CAL		CAL	CAL		CAL	CAL	CAL	
40	BAMBOLE SIDDHANT RATAN	SB	SB	SB	SB	SB		SB	SB		SB
41	BANGAR SAHIL DATTATRAY	SDB	SDB	SDB	SDB	SDB	SDB	SDB	SDB	SDB	SDB
42	BOJE AMIT BALASAHEB	Amit	Amit	Amit	Amit		Amit	Amit	Amit	Amit	Amit
43	CHOUHAN HIRENDRASINGH	CH	CH	CH		CH	CH	CH	CH	CH	CH
44	DAMSE OMKAR RAJESH	OD	OD		OD	OD	OD		OD	OD	OD
45	DARAK DNYANESH GANESH	DDG	DDG	DDG	DDG	DDG	DDG	DDG		DDG	DDG
46	DESHPANDE SHREYAS SUSHANT	SSD	SSD	SSD	SSD	SSD	SSD	SSD	SSD		SSD
47	DODE SHRADDHA RAJENDRA	SRD	SRD	SRD	SRD	SRD	SRD		SRD	SRD	SRD
48	AGRAWAL SHRUTI ABHISHEK	SHRUTI	SHRUTI	SHRUTI	SHRUTI	SHRUTI	SHRUTI	SHRUTI	SHRUTI	SHRUTI	SHRUTI





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2019-20

Course : Risk and Insurance Management In Share And Stock Market

Marks :20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. risk is a loss may occur from the failure of another party to perform according to the terms of a contract?

- a) Credit
- b) Currency
- c) Market
- d) Liquidity

2. Financial derivatives includes?

- a) Stock
- b) Bonds
- c) Future
- d) None of these

3. By hedging a portfolio ; a bank manager

- a) Reduces interest rate risk
- b) Increases re investment risk
- c) Increases exchange rate risk
- d) None of these

4. A long contract requires that the investor

- a) Sell securities in the future
- b) Buy securities in the future
- c) Hedge in the future
- d) Close out his position in the future

5. The disadvantage of swaps is that they

- a) Lack of liquidity
- b) Suffer from default risk
- c) Both A & B
- d) B only

6. Hedging by buying an option

- a) Limits gain
- b) Limits losses
- c) Limits gain & losses
- d) Has no limit on losses

7. All other things held constant premium on options will increase when the

- a) Exercise price increases
- b) Volatility of the underlying assets fails
- c) Term to maturity increases
- d) Both

8. An option allowing the owner to sell an asset at a future date is a

- a) Put option
- b) Call option
- c) Forward option
- d) Future contract

9. Composite value of traded stocks group of secondary market is classified as

- a) Stock index
- b) Primary index
- c) Stock market index
- d) Limited liability index

10. is the minimum amount which must be remained in a margin account

- a) Maintenance margin
- b) Variation margin
- c) Initial margin
- d) None of these

11. The number of future contract outstanding is called

- a) Liquidity
- b) Float
- c) Volume
- d) Turnover

12. The amount paid for an option is the

- a) Strike price
- b) Discount
- c) Premium
- d) Yield

13. Futures contracts are more successful than interest rate forward contracts because they :

- a) are less liquid
- b) have greater default risk
- c) are more liquid
- d) have an interest rate tied to the discount rate

14. The payoffs for financial derivatives linked to

- a) Securities that will be issued in the future
- b) The volatility of interest rates
- c) previously issued securities
- d) none of the above.

15. Which of the following is not a problem with an interest rate forward contract?

- a) Low interest rate
- b) default risk
- c) lack of liquidity
- d) finding a counterparty

16. We should keep our savings with banks because

- a) It is safe
- b) Earns interest
- c) Can be withdrawn anytime
- d) All of above

17. Bank does not give loan against

- a) Gold Ornaments
- b) LIC policy
- c) Lottery ticket
- d) NSC

18. Bank having maximum number of branches in India

- a) Reserve Bank of India
- b) State Bank of India
- c) Punjab National Bank
- d) Bank of Baroda

19. 100/- Rupee note is signed by

- a) Prime Minister
- b) Finance Minister
- c) RBI Governor
- d) None of above

20. ATM password should be kept in

- a) Personal diary
- b) Office diary
- c) Memory
- d) All of above

BRACT's
Vishwakarma College of Arts, Commerce and Science
2019-20
Risk and Insurance Management in Share and Stock Market
Marksheet

Roll No.	Student Name	MARKS
1001	ABRAHAM SANITH KURUVILLA	16
1002	AGARWAL PRIYA PRAKASHI	18
1003	AGARWAL VIDHI KISHAN	15
1004	AHMEDABAD AMMAR ALIASGER	16
1005	AKULA INDIRA RAMULU	17
1006	AMBEKAR MITALI VINAYAK	17
1007	BABJI ABBAS ABDEALI	18
1008	BADADE PRATIK HEMANT	16
1009	BAFNA RAJ ANAND	15
1010	BAGHEL RAGHVENDRA VEERSINGH	15
1011	BANGALE SHRIKANT ANAND	19
1012	BHALKE NIKITA SHIVAJI	18
1013	BHANDARI NISHANT SANDEEP	16
1014	BHONDAVE PRAGATI DILIP	16
1015	BHONDVE SARTHA VINAY	17
1016	BHOSALE PRACHI PRAKASHI	18
1017	BHUTADA DEV ANSH YOGESH	15
1018	BOBADE YASH SOMANTH	17
1019	BORA TEJAL MAHENDRA	16
3701	AGARWAL SALONI KAILASHI	15
3702	ALCHETTI VISHAL DILIP	17
3703	BAIG MOHAMMAD ZUHAIB	18
3704	BALULMATHI MALLIKARJUN	20
3705	BANG KALPESH RAMESH	18
3706	BEDMUTHA PRANAV PANKAJ	16
3707	BHARGAV SUNITA BHAGWANARAM	16
3708	BHIKHAPURWALA HUSSAIN	17
3709	BONGU CHAITANYA	15
3710	CHANDANKERI ARHAM MUSHTAQUE	16
3711	CHAVAN SAKSHI SUNIL	19
3712	CHILLAL SIDDHANT ARVIND	14
3713	CHORDIYA NIRALI MAHAVIR	18
3714	DAVE CHIRAG PRAVIN	15
3715	DESHPANDE ADWAIT AMIT	18

3716	DHOKA GYAN ASHOK	16
3717	DHOKA VIREN VIJAY	17
3718	DUBAL SANYUKTA SANGRAM	18
4101	AYUSHI SANJAY DUBEY	15
4102	BAFNA CHIRAG LALIT	17
4103	BAMBOI E SIDDHANT RATAN	16
4104	BANGAR SAHIL DATTATRAY	19
4105	BOJE AMIT BALASAHEB	18
4106	CHAVAN SURAJ BAPURAO	17
4108	DAMSE OMKAR RAJESH	18
4109	DARAK DNYANESH GANESH	16
4110	DESHPANDE SHIREYAS SUSHANT	15
4112	DODE SHRADDHA RAJENDRA	18
101	AGRAWAL SHRUTI ABHISHEK	16

Splankm'
HOD

Ar. J. S.
Dr. PRINCIPAL
PRINCIPAL

Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.



Bansihal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048

CERTIFICATE

VALUE ADDED COURSE
RISK AND INSURANCE MANAGEMENT IN
SHARE AND STOCK MARKET

This certificate is presented to Mr./Ms. **Bafna Chirag** for successfully completing **Risk and Insurance Management in Share and Stock Market**, for the Academic Year 2019-20, organized by Vishwakarma College of Arts, Commerce and Science, Pune.

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



BRAC'T'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 05/08/2019

Notice

All students of BBA and BBA (IB) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on "Import and Export Management "From 19/08/2019 to 28/08/2019 daily 4hrs. at 2:00pm to 04:00pm. Attendance is mandatory for all.

Venue-Hall no. 004

S. Patil

HOD
(Commerce)

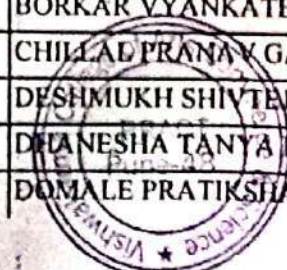
Dr. Arun B. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science

Enrolled students 2019 - 2020

Subject: Import / Export Management

Roll No.	Student Name	SIGN
1	ATTARDE CHANDAN VISHNU	<i>Attarde</i>
2	AYUSH AGRAWAL	<i>Ayush</i>
3	BADADE PRATHIMESH KIRAN	<i>PKB</i>
4	CHAVAN HARSH JITESHKUMAR	<i>Harsh</i>
5	CHAWLANI YASH RAMESH	<i>Yash</i>
6	CHITALE RIDDHI RAJEEV	<i>R²C</i>
7	CHOPDA NEEL RAJKUMAR	<i>Neel</i>
8	DESHMUKH AKASH KAILAS	<i>30Kns</i>
9	DESHMUKH SALONI MANOJ	<i>S</i>
10	GAIKWAD OMKAR GANESH	<i>Omkar</i>
11	GAVAI PUSHKARAJ	<i>Praj</i>
12	GOUNDER AISHWARYA MANI	<i>AMG</i>
13	GUNDECHA MANSI SUNIL	<i>mansp</i>
14	HAKIMUDDIN HATIMALI TAILOR	<i>HTH</i>
15	HARIHAR VENKATESH MOTILAL	<i>VH</i>
16	INAMDAR NOORHALIMA FAIYAZ	<i>NOOR</i>
17	JADHAV SAGAR SHARAD	<i>SJ</i>
18	JANGID REKHA BHAVARLAL	<i>Rekha J.</i>
19	KANDHARE PRAMOD NARAYAN	<i>PNR</i>
20	KUMARI ANSHUL VIJAYKUMAR	<i>Anshul</i>
21	KUNCHETTI AISHWARYA SHRINIVAS	<i>AJ</i>
22	ABUZAR	<i>Abuzar</i>
23	AGARWAL PRATIKSHA CHETAN	<i>P.A.</i>
24	BAMB SAHIL ASHIT	<i>S</i>
25	BARMECHA SWETA PRASHANT	<i>Sweta</i>
26	BHOJAK VIDHI DEEPAK	<i>Vidhi</i>
27	BHUJBAL KRISHIKESH RANGANATH	<i>K</i>
28	BHUJBAL SHUBHAM NANDKUMAR	<i>SB</i>
29	BHUJBAL SRUSHTI MUKUND	<i>SMB</i>
30	BORKAR VYANKATESH BALASAHEB	<i>B</i>
31	CHILLAD PRANAY GANESH	<i>Pranay G.</i>
32	DESHMUKH SHIVTEJ BABURAO	<i>shivtej</i>
33	DEANESHA TANYA RAKESH	<i>Tanya</i>
34	DOMALE PRATIKSHA PRAKASH	<i>P. Prakash</i>



Dr. R. Patil
 PPD PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 048.



BRACT's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE, PUNE

Syllabus

Value added course "Import / Export management"

Course Objectives:

- To prepare candidates to be ready to take up leadership positions in the export and import companies. Export and Import Management helps to understand various flows of marketing at an international level and a concept of foreign exchange.

Course Contents:

Sr.No	Content Covered	Teaching Hours
1.	Import Export Management Introduction; Concept Key Feature	2 Hours
2.	Foreign Trade - Institutional Framework and Basics	3 Hours
3.	Trade Policy; Foreign Trade	3 Hours
4.	Simplification of Document	3 Hours
5.	Reduction in Document to Five for Custom Purpose	3 Hours
6.	Importing Counter Trade; the Promise and Pitfall of Exporting	4 Hours
7.	Improving Export Performance; Counter Trade.	6 Hours
8.	International Marketing: Environmental and Tariff Barrier	6 Hours

Spandan



BRACT's
Vishwakarma College of Arts, Commerce and Science
2019-2020

ATTENDANCE SHEET

Subject: Import / Export Management

Roll No.	Student Name	19/8	20/8	21/8	22/8	23/8	26/8	27/8	28/8
1	ATTARDE CHANDAN VISHNU	Attarde	Attarde	Attarde	Attarde	Attarde	Attarde	Attarde	Attarde
2	AYUSH AGRAWAL	A	A	A	A	A	A	A	A
3	BADADE PRATHMESH KIRAN	PKB	PKB	PKB	PKB	PKB	PKB	PKB	PKB
4	CHAVAN HARSH JITESHKUMAR	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
5	CHAWLANI YASH RAMESH	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash
6	CHITALE RIDDDHI RAJEEV	R ² C	R ² C	R ² C	R ² C	R ² C	R ² C	R ² C	R ² C
7	CHOPDA NEEL RAJKUMAR	Neel	Neel	Neel	Neel	Neel	Neel	Neel	Neel
8	DESHMUKH AKASH KAILAS	SITKash	SITKash	SITKash	SITKash	SITKash	SITKash	SITKash	SITKash
9	DESHMUKH SALONI MANOJ	S.	S.	S.	S.	S.	S.	S.	S.
10	GAIKWAD OMKAR GANESH	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar
11	GAVAI PUSHKARAJ	PRaj	PRaj	PRaj	PRaj	PRaj	PRaj	PRaj	PRaj
12	GOUNDER AISHWARYA MANI	AMG	AMG	AMG	AMG	AMG	AMG	AMG	AMG
13	GUNDECHA MANSI SUNIL	mansi	mansi	mansi	mansi	mansi	mansi	mansi	mansi
14	HAKIMUDDIN HATIMALI TAILOR	HTM	HTM	H.T.#	HTM	HTM	HTM	HTM	HTM
15	HARIHAR VENKATESH MOTILAL	VH	VH	VH	VH	VH	VH	VH	VH
16	INAMDAR NOORHALIMA FAIYAZ	NOOR	NOOR	NOOR	NOOR	NOOR	NOOR	NOOR	NOOR
17	JADHAV SAGAR SHARAD	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ
18	JANGID REKHA BHAVARLAL	RekhaJ	RekhaJ	RekhaJ	RekhaJ	RekhaJ	RekhaJ	RekhaJ	RekhaJ
19	KANDHARE PRAMOD NARAYAN	PNK	PNK	PNK	PNK	PNK	PNK	PNK	PNK
20	KUMARI ANSHUL VIJAYKUMAR	Anshul	Anshul		Anshul	Anshul	Anshul	Anshul	Anshul

	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar
21								
22	ABUZAR	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar
23	AGARWAL PRATIKSHA CHETAN	P.A.	P.A.	P.A.	P.A.	P.A.	P.A.	P.A.
24	BAMB SAHIL ASHIT	B	B	B	B	B	B	B
25	BARMECHA SWETA PRASHANT	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta
26	BHOJAK VIDHI DEEPAK	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi
27	BHUJBAL KRISHIKESH	B	B	B	B	B	B	B
28	BHUJBAL SHUBHAM	SB	SB	SB	SB	SB	SB	SB
29	BHUJBAL SRUSHTI MUKUND	SMB	SMB	SMB	SMB	SMB	SMB	SMB
30	BORKAR VYANKATESH	B	B	B	B	B	B	B
31	CHILLAL PRANAV GANESH	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav
32	DESHMUKH SHIVTEJ BABURAO	ShivTej	ShivTej	ShivTej	ShivTej	ShivTej	ShivTej	ShivTej
33	DHANESHA TANYA RAKESH	Tanya	Tanya	Tanya	Tanya	Tanya	Tanya	Tanya
34	DOMALE PRATIKSHA PRAKASH	PPD	PPD	PPD	PPD	PPD	PPD	PPD





BRAC's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2019-20

Course : Import / Export Management

Marks :20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. Incoterms cover

- A. trade in intangibles B. ownership and transfer rights
C. contracts of carriage. D. rights and obligations of parties to contract of sales

2. Which of the following term cannot be used for transportation of goods by sea?

- A. CFR B. DDP
C. DEC D. DEQ

3. The incoterm providing least responsibility to seller is

- A. EXW. B. DDP
C. FOB D. CIF

4. The group of incoterms under which the seller's responsibility is to obtain freight paid transport document for the main carriage is

- A. E term B. C terms.
C. D terms D. F terms.

5. The incoterm should indicate the place of shipment in case of

- A. F terms B. E terms.
C. C terms. D. D terms.

6. Incoterm is specific about the responsibility for marine insurance in case of

- A. FOB and EXW B. FOB and CIF.
C. CIF and CIP. D. CPT and DDP.

7. The group of terms arranged in order of increasing responsibility of exporter is.

- A. C,D,E and F terms. B. D,E,F and C terms.
C. E,F,C and D terms. D. F,C,E and D terms.

8. The price quoted by the seller for the product

- A. will vary depending upon the incoterm chosen.
B. irrespective of the incoterm.
C. will be the base price; the effect of incoterm to be added later.
D. will include only cost.

18. Normally the maximum period for which packing credit advances are made is

- A. 90 days.
- B. 135 days.
- C. 180 days.
- D. 360 days.

19. A pre-shipment advance is not expected to be adjusted by

- A. proceeds of export bill
- B. export incentives.
- C. post-shipment finance.
- D. local funds.

20. A packing credit was granted against an export order but the export could not take place

- A. It should be reported to the RBI
- B. The exporter should be black list
- C. Claim should be preferred with ECG
- D. Interest at domestic rate should be charged on the advance from the date of advance

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BRACT's
Vishwakarma College of Arts, Commerce and Science
Import/Export Management
2019-20
Marksheet

Roll No.	Student Name	Marks
1	ATTARDE CHANDAN VISHNU	19
2	AYUSH AGRAWAL	14
3	BADADE PRATHMESH KIRAN	17
4	CHAVAN HARSH JITESHKUMAR	18
5	CHAWLANI YASH RAMESH	16
6	CHITALE RIDDHI RAJEEV	17
7	CHOPDA NEEL RAJKUMAR	15
8	DESHMUKH AKASH KAILAS	19
9	DESHMUKH SALONI MANOJ	17
10	GAIKWAD OMKAR GANESH	18
11	GAVAI PUSHKARAJ	17
12	GOUNDER AISHWARYA MANI	18
13	GUNDECHA MANSI SUNIL	16
14	HAKIMUDDIN HATIMALI TAILOR	15
15	HARIHAR VENKATESH MOTILAL	17
16	INAMDAR NOORHALIMA FAIYAZ	18
17	JADHAV SAGAR SHARAD	16
18	JANGID REKHA BHAVARLAL	19
19	KANDHARE PRAMOD NARAYAN	15
20	KUMARI ANSHUL VIJAYKUMAR	16
21	KUNCHETTI AISHWARYA SHRINIVAS	18
22	ABUZAR	16
23	AGARWAL PRATIKSHA CHETAN	16
24	BAMB SAHIL ASHIT	17
25	BARMECHA SWETA PRASHANT	18
26	BHOJAK VIDHI DEEPAK	15
27	BHUJBAL KRISHIKESH RANGANATH	17
28	BHUJBAL SHUBHAM NANDKUMAR	16
29	BHUJBAL SRUSHTI MUKUND	15
30-	BORKAR VYANKATESH BALASAHEB	17
31	CHILLAL PRANAV GANESH	18
32	DESHMUKH SHIVTEJ BABURAO	20
33	DHANESHA TANYA RAKESH	18
34	DOMALE PRATIKSHA PRAKASH	16

Pranav
HOD

Arun R. Patil
Dr. Arun R. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.



Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE
IMPORT/EXPORT MANAGEMENT

This certificate is presented to Mr./Ms. **Chopda Neel** for successfully completing **Import/Export Management**, for the Academic Year 2019-20, organized by **Vishwakarma College of Arts, Commerce and Science, Pune**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 09/09/2019

Notice

All students of B.Com, BBA, BBA(IB)BBA (CA)and B.Sc(CS) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on “**First Aid and Safety Education (15hrs.)**” from 16/09/2019 to 20/09/2019 daily 3 hrs. at 8:00am to 11:00am.

Attendance is mandatory for all.

Venue-VCACS Play Ground

Sprantoi

**HOD
(Commerce)**

**HOD
(Science)**

Pratik
DR. PRINICIPAL R. PATIL
PRINCIPAL
VISHWAKARMA COLLEGE OF ARTS
COMMERCER AND SCIENCE
Kondhwa (Bk.) Pune 411 048

BRACT's
Vishwakarma College of Arts, Commerce and Science

2019-2020

Enrolled students

Subject: First Aid & safety
Education

Sr No.	Student Name	SIGN
1	ABHALE RUTUJA RANGANATH	RORA
2	ABNAVE SAKSHI PRASHANT	(Signature)
3	AUTADE RUTUJA NANASO	(Signature)
4	AYKARA SACHIN THOMAS	Almas
5	AYUSH CHANDRAKANT GARG	GARG
6	BAGLI GANESH SOMSHANKAR	(Signature)
7	BARGE ANIKET DHANANJAY	Barge
8	BHADANE OMKAR VIJAY	vijay
9	BHAVEKAR AISHWARYA NAMDEO	(Signature)
10	BHILARE SANKET DATTATRAY	Dattatray
11	BORANA AAUSHI MOHAN	(Signature)
12	BORO JASMINE TARUN	Jasmine
13	CHAURE PRATIK PRAKASH	Prakash
14	CHAVAN CHETAN HIRAMAN	(Signature)
15	CHOUDHARI MEGHANA SHRIHARI	(Signature)
16	DASS FLAVIA LOURDRAJ	(Signature)
17	DAWKHAR HRISHIKESH SHARAD	(Signature)
18	DEORE RUSHIKESH MANOHAR	(Signature)
19	DESHMUKH PRATIKSHA GANESH	(Signature)
20	DEVGIRIKAR PRAJWAL RAJENDRA	(Signature)
21	ADHAV VAIBHAV GAJENDRA	(Signature)
22	ALLAM SAURAV RAJESH	(Signature)
23	ANGADIKAR PRATHAM SOMNATH	(Signature)
24	ARE RUTUJA ARUN	(Signature)
25	ATAR ALFIYAH KAUSAR SAMEER	ATAR
26	BATABYAL SOUMYAJIT SUDIP	(Signature)
27	BHALERAO GANESH DILIP	(Signature)
28	BHONDWE SAKSHI BHUPENDRA	(Signature)

29	BHORADE PRIYANKA RAVINDRA	Bhorade
30	BHOSALE ADITYA SANJAY	Aditya
31	BHOSALE KUNAL DATTATRAY	Kunal
32	BIRADAR SUNITA BALU	Balun
33	BORA BHAVESH RAVINDRA	Bhavindra
34	CHANDEL SHASHIWAT SHIVPRATAP	Shashwat
35	CHATLA KOMAL PRASHANT	Pke
36	CHAUDHARI DARSHAN RAVINDRA	Rxvi
37	CHAVAN ANIKET BALASAHEB	CAR
38	CHAVAN BHUSHAN PRAKASH	Chavan
39	CHAVAN NEHA TANAJI	Ta
40	CHAVAN PRAJAKTA PRATAP	Pratap
41	CHAVAN PRATIKSHA SUNIL	Sunil
42	CHAVAN ROHIT RAJENDRA	Rohit
43	CHOUDHARI ANUSHKA VIJAY	Choudhary

BRAC's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE - PUNE

Syllabus

Value added course "First Aid and Safety Education"

2019-20

Course Objectives:

To prevent serious injury from worsening.

Course Content :

Sr.No	Content Covered	Hours
1.	First Aid and Safety Education Introduction; Concept	1 Hour
2.	First Aid and Safety Education its Importance	1 Hour
3.	First Aid and Safety Measures for Heart Attack	1 Hour
4.	First aid for Burn Injury	2 Hour
5.	First aid for Drowning	2 Hour
6.	First aid for Foreign bodies stuck in eyes and ear	2 Hour
7.	First Aid for Injuries on the Play Field, Heat Stroke	2 Hour
8.	Road Safety	2 Hour
9.	Prevention	2 Hour

Splankh

BRACT's
Vishwakarma College of Arts, Commerce and Science
2019-2020

Subject: First Aid and Safety Education ATTENDANCE SHEET

Roll No.	Student Name	16/9	17/9	18/9	19/9	20/9
1	ATTARDE CHANDAN VISHNU	(C)	(C)	(C)	(C)	(C)
2	AYUSH AGRAWAL	Ayush		Ayush	Ayush	Ayush
3	BADADE PRATHMESH KIRAN	P.	P.	P.	P.	P.
4	CHAVAN HARSH JITESHKUMAR	(H)	(H)	(H)	(H)	(H)
5	CHAWLANI YASH RAMESH	(Yash)	(Yash)	(Yash)	(Yash)	(Yash)
6	CHITALE RIDDHI RAJEEV	Riddhi	Riddhi	Riddhi	Riddhi	Riddhi
7	CHOPDA NEEL RAJKUMAR	(N)	(N)	(N)	(N)	(N)
8	DESHMUKH AKASH KAILAS	DK	DK	DK	DK	DK
9	DESHMUKH SALONI MANOJ	Dm	Dm	Dm	Dm	Dm
10	GAIKWAD OMKAR GANESH	OK	OK	OK	OK	OK
11	ABUZAR	Above	Above	Above	Above	Above
12	AGARWAL PRATIKSHA CHETAN	A	A	A	A	A
13	BAMB SAHIL ASHIT	Bamb	Bamb	Bamb	Bamb	Bamb
14	BARMECHA SWETA PRASHANT	Bmp	Bmp	Bmp	Bmp	Bmp
15	BHOJAK VIDHI DEEPAK	DEEP	DEEP	DEEP	DEEP	DEEP
16	BHUJBAL KRISHIKESH RANGANATH	(K)	(K)	(K)	(K)	(K)
17	BHUJBAL SHUBHAM NANDKUMAR	S	S	S	S	S
18	BHUJBAL SRUSHTI MUKUND	MRK	MK	MK	MK	MK
19	BORKAR VYANKATESH BALASAHEB	Borka	Borka	Borka	Borka	Borka
20	CHILLAL PRANAV GANESH	Reans	Pranav	Pranav	Pranav	Pranav
21	AAMIR ILAHI NADAF	Aamir	Aamir	Aamir	Aamir	Aamir
22	ANKAM TEJAL GANESH	Tejal	Tejal	Tejal	Tejal	Tejal
23	ARIPPA MOSMI RAMESH	AR	AR	AR	AR	AR
24	ARU PRAYAG YOGESH	Aru	Aru	Aru	Aru	Aru
25	AWCHAR SHRIRAM DILIPRAO	Shri	Shri	Shri	Shri	Shri
26	BAKSHI TABISH KHALID	(B)	(B)	(B)	(B)	(B)
27	BANSODE APARNA SURENDRA	A	A	A	A	A
28	BARAVKAR POOJA BALASAHEB	Pooja	Pooja	Pooja	Pooja	Pooja
29	BHATTAGAUD GURU CHNNAPPA	Bhatt	Bhatt	Bhatt	Bhatt	Bhatt
30	BORATE SAHIL SUBHASH	Sahil	Sahil	Sahil	Sahil	Sahil
31	BUDDE MADHAV RAMRAO	BDR	BDR	BDR	BDR	BDR
32	BUDDE NAMDEV RAMRAO	RR	RR	RR	RR	RR

	DANDAWATE CHAITANYA RAVINDRA	DCR	DCR	DCR	DCR	DCR
	ABBAD AISHWARYA GANESH					
5	AHERKAR SUYOG SUDHIR	SS	SS	SS	SS	SS
6	ANGAL ADITI VINAYAK	AV	AV	AV	AV	AV
37	ANIYERI SHRUDHIN ASHOKAN					
38	ANSARI MUDASSIR ANWAR	dl	dl	dl	dl	dl
39	ANURAG RAWAT	RT	RT	RT	RT	RT
40	BADGU MEENAKSHI JAGDISH	badg		badg		badg
41	BANDWAN MAHESH ANIRUDRA				bandw	
42	BHAGAT VIVEK BHALCHANDRA	B	B	B	B	B
43	BHALEKAR DEVENDRA CHANDRAKANT	B	B	B	B	B
44	BHATLAVANDE VIVEK VIJAYKUMAR	ve	ve	ve	ve	ve
45	BHOJANE VIJAY VILAS	vp	vp	vp	vp	vp
46	BHUMKAR SAKSHI BHANUDAS					
47	CHAVAN SOHAM RAVINDRA	@	@	@	@	@
48	CHOUDHARY ASHISH PRATAP					
49	CHOUDHARY RAMILA DHANRAJ	choudh	choudh	choudh	choudh	choudh



BRACT's
Vishwakarma College of Arts, Commerce and Science
First Aid and Safety Education

2019-20

Marksheet

Sr No.	Student Name	Marks
1	ABHALE RUTUJA RANGANATH	15
2	ABNAVE SAKSHI PRASHANT	17
3	AUTADE RUTUJA NANASO	16
4	AYKARA SACHIN THOMAS	17
5	AYUSH CHANDRAKANT GARG	18
6	BAGLI GANESH SOMSHANKAR	17
7	BARGE ANIKET DHANANJAY	18
8	BHADANE OMKAR VIJAY	19
9	BHAVEKAR AISHWARYA NAMDEO	19
10	BHILARE SANKET DATTATRAY	14
11	BORANA AAUSHI MOHAN	18
12	BORO JASMINE TARUN	17
13	CHAURE PRATIK PRAKASH	16
14	CHAVAN CHETAN HIRAMAN	18
15	CHOUDHARI MEGHANA SHRIHARI	16
16	DASS FLAVIA LOURDRAJ	18
17	DAWKHAR HRISHIKESH SHARAD	19
18	DEORE RUSHIKESH MANOHAR	16
19	DESHMUKH PRATIKSHA GANESH	16
20	DEVGIRIKAR PRAJWAL RAJENDRA	15
21	ADHAV VAIBHAV GAJENDRA	17
22	ALLAM SAURAV RAJESH	18
23	ANGADIKAR PRATHAM SOMNATH	19
24	ARE RUTUJA ARUN	14
25	ATAR ALFIYAH KAUSAR SAMEER	18
26	BATABYAL SOUMYAJIT SUDIP	17
27	BHALERAO GANESH DILIP	19
28	BHONDWE SAKSHI BHUPENDRA	16
29	BHORADE PRIYANKA RAVINDRA	18
30	BHOSALE ADITYA SANJAY	16

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31	BHOSALE KUNAL DATTATRAY	19
32	BIRADAR SUNITA BALU	15
33	BORA BHAVESH RAVINDRA	19
34	CHANDEL SHASHWAT SHIVPRATAP	19
35	CHATLA KOMAL PRASHANT	14
36	CHAUDHARI DARSHAN RAVINDRA	18
37	CHAVAN ANIKET BALASAHEB	17
38	CHAVAN BHUSHAN PRAKASH	18
39	CHAVAN NEHA TANAJI	17
40	CHAVAN PRAJAKTA PRATAP	18
41	CHAVAN PRATIKSHA SUNIL	19
42	CHAVAN ROHIT RAJENDRA	14
43	CHOUDHARI ANUSHKA VIJAY	18

S. Prasad
HOD

Principal
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE

FIRST AID AND SAFETY EDUCATION

This certificate is presented to Mr./Ms. **Allam Saurav** for successfully completing **First Aid and Safety Education**, for the Academic Year 2019-20, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

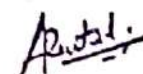
Date: 20/07/2019

Notice

All students of BBA (CA), B.Sc (CS), BBA and BBA (IB) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on "**Big Data Analytics**" from 31/07/2019 to 06/08/2019 at 10:00am to 02:00pm. Attendance is mandatory for all.

Venue-Hall no. 106


HOD
(Science)


Dr. Arun R. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.



BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE, PUNE

Syllabus

Value added course "Big Data Analytics"

Course Objectives:

Big data analytics helps organizations harness their data and use it to identify new opportunities. In this course, students will understand what Big Data is that, in turn, leads to smarter business moves, more efficient operations, higher profits and happier customers.

Course Contents:

Sr.No	Content Covered	Hours
1.	Introduction	3 Hours
2.	Benefits & Advantages of Big Data Analytics	3 Hours
3.	How it is different	3 Hours
4.	Big data Source and Tools used	3 Hours
5.	Application in Big data	3 Hours
6.	Big Data Industry Applications in various sector like Government, IOT, Information Technology, Media, Health Care, etc	3 Hours
7.	Risk and Benefit of Big data	4 Hours
8.	Impact of Big data on IOT	4 Hours
9.	Future of Big data	4 Hours

Carpet



24	FERNANDES LEANDER OSCAR	Oscar	Oscar	Oscar	Oscar	Oscar	Oscar	Oscar
25	GADHAVE APROOVA CHARUDATTA	Aproova	Aproova	Aproova	Aproova	Aproova	Aproova	Aproova
26	JAIN RISHIBH UMESH	Rishibh	Rishibh	Rishibh	Rishibh	Rishibh	Rishibh	Rishibh
27	JAIN SURELY KISHOR	Surely	Surely	Surely	Surely	Surely	Surely	Surely
28	MUTHA KUSHAL AJIT	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal
29	PATEL VRUJKA PARKASHI	VP Patel	VP Patel	VP Patel	VP Patel	VP Patel	VP Patel	VP Patel
30	SAYED SAAD RIYAZ	Saad	Saad	Saad	Saad	Saad	Saad	Saad
31	SHAH ROMIL SANDEEP	Shah	Shah	Shah	Shah	Shah	Shah	Shah
32	SHIRAMA HARSHIT MANOJ	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit
33	SINGH KEFAN GOPAL	Singh	Singh	Singh	Singh	Singh	Singh	Singh
34	SISODE VIRAJ VINOD	Sisode	Sisode	Sisode	Sisode	Sisode	Sisode	Sisode
35	HAMBIR RITESH LALIT	HRL	HRL	HRL	HRL	HRL	HRL	HRL
36	PAWAR TUSHAR SANTOSH	TPawar	TPawar	TPawar	TPawar	TPawar	TPawar	TPawar
37	SINGH ANIKET DINESH	AD	AD	AD	AD	AD	AD	AD
38	SMITA VASANT GHULE	Smitta	Smitta	Smitta	Smitta	Smitta	Smitta	Smitta
39	THAKUR AMAN RAKESH	Aman T.	Aman T.	Aman T.	Aman T.	Aman T.	Aman T.	Aman T.
40	PAWAR TANSINIQ HEMANT	Tansiniq	Tansiniq	Tansiniq	Tansiniq	Tansiniq	Tansiniq	Tansiniq
41	JADHAV YOGESH ABASAHEB	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh



6. Which of the following is not a common challenge associated with Big Data?

- a) Data Quality
- b) Data Integration
- c) Data Privacy
- d) Data Duplication

7. Which of the following is a technique used to extract meaningful insights from data sets that are too large or complex to be processed by traditional data processing tools?

- a) Business Intelligence
- b) Machine Learning
- c) Artificial Intelligence
- d) Data Science

8. What is the process of storing and managing data in a way that allows for efficient retrieval and analysis?

- a) Data Warehousing
- b) Data Mining
- c) Data Integration
- d) Data Processing

9. Which of the following is a common programming language used for Big Data processing?

- a) C++
- b) Java
- c) Python
- d) All of the above

10. Which of the following is a popular NoSQL database used for Big Data processing?

- a) MySQL
- b) PostgreSQL
- c) Oracle
- d) MongoDB

11. What is the process of combining data from multiple sources into a single, unified view?

- a) Data Mining
- b) Data Warehousing
- c) Data Integration
- d) Data Processing

12. What is the term used for the ability of a system to handle increasing amounts of data and traffic without compromising performance?

- a) Scalability
- b) Reliability
- c) Availability
- d) Security

13. What is the process of cleaning and transforming data before it is used for analysis?

- a) Data Mining
- b) Data Warehousing
- c) Data Integration
- d) Data Preprocessing

14. Which of the following is not a common type of data in Big Data analysis?

- a) Structured Data
- b) Semi-Structured Data
- c) Unstructured Data
- d) Simple Data

15. Which of the following is a method for analyzing data in which the data is split into smaller subsets and processed in parallel across multiple servers or nodes?

- a) Batch Processing
- b) Stream Processing
- c) MapReduce
- d) Hive

16. What is the process of analyzing data in real-time as it is generated?

- a) Batch Processing
- b) Stream Processing
- c) MapReduce
- d) Hive

17. Which of the following is a popular programming language used for data analysis and machine learning?

- a) C++
- b) Java
- c) Python
- d) All of the above

18. Which of the following is not a common data storage technology used for Big Data processing?

- a) Hadoop Distributed File System (HDFS)
- b) Cassandra
- c) MySQL
- d) Amazon S3

19. What is the process of automatically categorizing or grouping data based on its characteristics or attributes?

- a) Clustering
- b) Classification
- c) Regression
- d) Anomaly Detection

20. Which of the following is not a common data visualization tool used for Big Data analysis?

- a) Tableau
- b) QlikView
- c) Microsoft Excel
- d) D3.js

BRACT's
Vishwakarma College of Arts, Commerce and Science

Big Data Analytics

2019-20

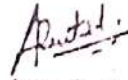
Marksheet

Sr No.	Student Name	Marks
1	GABUJI MUNIRA SHABBIR	18
2	AHWAD SHAIL NITIN	16
3	ALI ALFIYA MOIZ	17
4	ANKIT TIWARI	19
5	BUDDI MADHAV RAMRAV	15
6	CHODHARI HARSHADA SUBHOD	16
7	DESAI YASH ARVIND	19
8	DESHMUKH AMOL WAMANRAO	14
9	FERNANDES LEANDER OSCAR	18
10	GADHAVE APROOVA CHARUDATTA	17
11	GARADE AKASH VIJAY	19
12	HAMBIR RITESH LALIT	16
13	JADHAV ROHIT VIJAY	18
14	JADHAV SAHIL RAJESH	18
15	JADHAV YOGESH ABASAHEB	17
16	JAIN MITALI TARCHAND	16
17	JAIN RISHBH UMESH	15
18	JAIN SHREY KISHOR	17
19	KUTHE AKASH PRAKASH	16
20	LOHKARE DARSHAN RAJENDRA	15
21	MULYA TASUFI LIYAKAT	19
22	MUTHA KUSHAL AJIT	16
23	NADIYA SHUKANT	16
24	NAVLANI KADIR HARISH	17
25	OSWAL VISHKHA VIJAY	16
26	PATEL VRUTIKA PARKASH	19
27	PAWAR TANSNIQ HEMANT	18
28	PAWAR TUSHAR SANTOSH	17
29	SAYED SAAD RIYAZ	17
30	SHAH ROMIL SANDEEP	14
31	SHINDE VIRAJ ANUMANT	18
32	SHRAMA HARSHIT MANOJ	17
33	SINGH ANIKET DINESH	19
34	SINGH KETAN GOPAL	16
35	SISODE VIRAJ VINOD	18

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36	SMITA VASANT GHULE	16
37	THAKUR AMAN RAKESH	19
38	TIWARI AKSHAY DINESH	15
39	TIWARI APEKSHA GULAB	17
40	VARMA PREETI RAMDEV	16
41	ZENDE RAJAS ABHIJIT	15


HOD


Dr. Arun R. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.



Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE
(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE
BIG DATA ANALYTICS

This certificate is presented to Mr./Ms. **Tiwari Ankit** for successfully completing **Big DATA ANALYTICS**, for the Academic Year 2019-20, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



Principle

**BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE**

Date: 16/09/2019

Notice

All students B.Com, BBA, BBA (IB) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on "Women Entrepreneurship (20hrs.)" from 23/09/2019 to 30/09/2019 daily 4hrs. at 08:00am to 12:00pm.

Attendance is mandatory for all.

Venue-Hall no. 004

SPDant

HOD
(Commerce)

Principle
DR. ARUN R. PATIL
PRINCIPAL
VISHWAKARMA COLLEGE OF ARTS
COMMERCER AND SCIENCE
W. ... (15K) ... 41-048

BRACT's
Vishwakarma College of Arts, Commerce and Science

2019-2020


Enrolled students (Daily 4 hrs)

Subject: Women Enterpruneurship

Sr No.	Student Name	SIGN
1	ATTARDE CHANDAN VISHNU	Attarde
2	AYUSH AGRAWAL	Ayush
3	BADADE PRATHMESH KIRAN	PXB
4	CHAVAN HARSH JITESHKUMAR	Harsh
5	CHAWLANI YASH RAMESH	Yash
6	CHITALE RIDDHI RAJEEV	RRC
7	CHOPDA NEEL RAJKUMAR	Neel
8	DESHMUKH AKASH KAILAS	AKK
9	DESHMUKH SALONI MANOJ	Saloni
10	GAIKWAD OMKAR GANESH	Omkar
11	ABUZAR	Abuzar
12	AGARWAL PRATIKSHA CHETAN	PC
13	BAMB SAHIL ASHIT	AS
14	BARMECHA SWETA PRASHANT	Sweta
15	BHOJAK VIDHI DEEPAK	Vidhi
16	BHUJBAL KRISHIKESH RANGANATH	KR
17	BHUJBAL SHUBHAM NANDKUMAR	Shub
18	BHUJBAL SRUSHTI MUKUND	SR
19	BORKAR VYANKATESH BALASAHEB	VB
20	CHILLAL PRANAV GANESH	PranavG
21	ADAKE PRACHI SAGAR	Sagare
22	AGARWAL ANSHIKA KISHAN	A
23	AGARWAL NEHA SACHIN	Neha
24	BAFNA SHREYA PRASHANT	Shreya
25	BANKAR NIKHIL DATTATRAY	NIK
26	BHAGNE PRATIK BABARAM	Pratik
27	BHANSALI MOHIT SUNIL	Mot
28	BIRADAR SHRIKANT CHANDRAKANT	BC
29	BODUL ROHAN PURUSHOTTAM	Rohan
30	BOTHARA GAURAV VINOD	Vinod
31	CHAUHAN DHIRAJ MAHENDRAKUMAR	GD
32	CHAVAN ADITYA SANDEEP	AC
33	CHOUHAN RAKHI HARISHCHANDRA	CRH
34	DALVI ABHISHEK SUSHIL	DAS

35	DILIP SONI	DS
36	EKBOLE VAIBHAV NARAYAN	EM
37	GADE ANUP AJINATH	GADE
38	GADEKAR AKSHADA DEEPAK	ADG
39	GUNDECHA VISHAL SANTOSH	Vishal
40	JADHAV AMRUTA POPAT	AS
41	JAIN RASHMI BHARATKUMAR	Rashmi
42	JANGID SHUBHAM PUKHRAJ	SPJ
43	KADAM ANURADHA RAMRAO	ADK
44	KAMATHE DHANSHREE DATTATRAY	DDK
45	KAMTHE PAYAL UMESH	Payal
46	KARANDIKAR ASH NIIN	ASIT
47	KARKUD DURGESH VIKRAM	DVK
48	KATARIYA AKSHAY RAHUL	ARK
49	KENGAR POONAM DHARMARAJ	Poonam
50	KONDI PRANAV MOHAN	PMV
51	KULKARNI RUGVED VIVEK	Rugved
52	KULKARNI TUSHAR RAMESH	Tushar
53	KUWAD TEJAS HARSHAD	TK




 Dr. Arun B. Patil
 PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk 1), Pune-411 048



BRACT'S

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE-PUNE

Syllabus

Value added course "Women Entrepreneurship"

Course Objectives:

- To Understand the role of women entrepreneurship in different facets of society.
- To Know the various livelihood supports for women Employment opportunities. Course

Course Contents:

Sr.No	Content Covered	Hours
1.	Significance of women entrepreneurship	2 Hours
2.	Factors contributing to women Entrepreneurship	2 Hours
3.	Characteristics - Challenges faced by Women Entrepreneurs	2 Hours
4.	Growth of women Entrepreneurship	2 Hours
5.	Entrepreneurship in Sectors like Agriculture ,Tourism, Health care, Transport and allied services	2 Hours
6.	Relationship between Entrepreneurship and empowerment	2 Hours
7.	Achievements of Woman Entrepreneurs - Role Models of Woman Entrepreneur.	2 Hours
8.	Livelihood support for women Employment opportunities	3 Hours
9.	Skill Development and Technology Transfer - Technologies for Women	3 Hours

Splankm

BRACT's
Vishwakarma College of Arts, Commerce and Science
2019-2020

ATTENDANCE SHEET

Subject: Women Entrepreneurship

Roll No.	Student Name	23/9	24/9	25/9	27/9	30/9
1	ATTARDE CHANDAN VISHNU	Attarde	Attarde	Attarde	Attarde	Attarde
2	AYUSH AGRAWAL	PKB	PKB	PKB	PKB	PKB
3	BADADE PRATHMESH KIRAN	Harsh	Harsh	Harsh	Harsh	Harsh
4	CHAVAN HARSH JITESHKUMAR	Yash	Yash	Yash	Yash	Yash
5	CHAWLANI YASH RAMESH	RC	RC	RC	RC	RC
6	CHITALE RIDDDHI RAJEEV	Neel	Neel	Neel	Neel	Neel
7	CHOPDA NEEL RAJKUMAR	Atkash	Atkash	Atkash	Atkash	Atkash
8	DESHMUKH AKASH KAILAS	S.	S.	S.	S.	S.
9	DESHMUKH SALONI MANOJ	Omkar	Omkar	Omkar	Omkar	Omkar
10	GAIKWAD OMKAR GANESH	Abuzar	Abuzar	Abuzar	Abuzar	Abuzar
11	ABUZAR	PC	PC	PC	PC	PC
12	AGARWAL PRATIKSHA CHETAN	B	B	B	B	B
13	BAMB SAHIL ASHIT	Sweta	Sweta	Sweta	Sweta	Sweta
14	BARMECHA SWETA PRASHANT	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi
15	BHOJAK VIDHI DEEPAK	BK.	BK.	BK.	BK.	BK.
16	BHUJBAL KRISHIKESH	Shub	Shub	Shub	Shub	Shub
17	BHUJBAL SHUBHAM	SR	SR	SR	SR	SR
18	BHUJBAL SRUSHTI MUKUND	Borkar	Borkar	Borkar	Borkar	Borkar
19	BORKAR VYANKATESH	Pranav	Pranav	Pranav	Pranav	Pranav
20	CHILLAL PRANAV GANESH	Sagar	Sagar	Sagar	Sagar	Sagar
21	ADAKE PRACHI SAGAR	AA	AA	AA	AA	AA
22	AGARWAL ANSHIKA KISHAN	Neha	Neha	Neha	Neha	Neha
23	AGARWAL NEHA SACHIN	Shreya	Shreya		Shreya	Shreya
24	BAFNA SHREYA PRASHANT					

	NIK	NIK	NIK	NIK	NIK
25	BANKAR NIKHIL DATTATRAY	Pratik	Pratik	Pratik	Pratik
26	BHAGNE PRATIK BABARAM	Mat	Mat	Mat	Mat
27	BHANSALI MOHIT SUNIL	BC	BC	BC	BC
28	BIRADAR SHRIKANT	Rohan	Rohan	Rohan	Rohan
29	BODUL ROHAN PURUSHOTTAM	Vinod	Vinod	Vinod	Vinod
30	BOTHARA GAURAV VINOD	CD	CD	CD	CD
31	CHAUHAN DHIRAJ	AC	AC	AC	AC
32	CHAVAN ADITYA SANDEEP	CRH	CRH	CRH	CRH
33	CHOUHAN RAKHI	DAS	DAS	DAS	DAS
34	DALVI ABHISHEK SUSHIL	DS	DS	DS	DS
35	DILIP SONI	NMK	NMK	NMK	NMK
36	EKBOTE VAIBHAV NARAYAN	ANUP	ANUP	ANUP	ANUP
37	GADE ANUP AJINATH	ADG	ADG	ADG	ADG
38	GADEKAR AKSHADA DEEPAK	Vishal	Vishal	Vishal	Vishal
39	GUNDECHA VISHAL SANTOSH	Vishal	Vishal	Vishal	Vishal
40	JADHAV AMRUTA POPAT	AJ	AJ	AJ	AJ
41	JAIN RASHMI BHARATKUMAR	Rashmi	Rashmi	Rashmi	Rashmi
42	JANGID SHUBHAM PUKHRAJ	SPJ	SPJ	SPJ	SPJ
43	KADAM ANURADHA RAMRAO	ANU	ANU	ANU	ANU
44	KAMATHE DHANSHREE DATTATRAY	DDK	DDK	DDK	DDK
45	KAMTHE PAYAL UMESH	Payal	Payal	Payal	Payal
46	KARANDIKAR ASIT NITIN	ASIT	ASIT	ASIT	ASIT
47	KARKUD DURGESH VIKRAM	DVK	DVK	DVK	DVK
48	KATARIYA AKSHAY RAHUL	K.A.Rahul	K.A.Rahul	K.A.Rahul	K.A.Rahul
49	KENGAR POONAM DHARMARAJ	Poonam	Poonam	Poonam	Poonam
50	KONDI PRANAV MOHAN	Prav	Prav	Prav	Prav
51	KULKARNI RUGVED VIVEK	Rugved	Rugved	Rugved	Rugved
52	KULKARNI TUSHAR RAMESH	Tushar	Tushar	Tushar	Tushar
53	KUWAD TEJAS HARSHAD	TK..	TK..	TK..	TK..





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2019-2020

Course : Women Entrepreneurship

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. The term intrapreneur was coined by _____
 - a) robert owen
 - b) Joseph Schumpeter
 - c) richard cantillon
 - d) gifford pinchot
2. An individual who initiates, creates and manages a new business can be called _____
 - a) A leader
 - b) A manager
 - c) A professional
 - d) An entrepreneur
3. _____ applied the word entrepreneur to business for the first time.
 - a) robert owen
 - b) joseph schumpeter
 - c) richard cantillon
 - d) max weber
4. An entrepreneur who owns more than one business at a time is called _____
 - a) An intrapreneur
 - b) A corporate entrepreneur.
 - c) A portfolio entrepreneur.
5. Entrepreneurship is a creative activity - Said by _____
 - a) Frederick Harbison
 - b) B. F. Hoselitz
 - c) B. Higgins
 - d) Joseph
6. What is the hallmark of a successful entrepreneur?
 - a) Risk bearing capacity
 - b) Persistence
 - c) Flexibility
 - d) Self-confidence
7. A corporate manager who starts a new initiative for their company which entails setting up a new distinct business unit and board of directors can be regarded as:
 - a) Ecopreneur
 - b) Technopreneur
 - c) Intrapreneur
 - d) Social Entrepreneur
8. Entrepreneurs are extremely task oriented.
 - a) technical
 - b) fabian
 - c) induced
 - d) business

9. _____ Entrepreneurs neither introduce new changes nor adopt new methods innovated by others.

- a) technical
- b) fabian
- c) induced
- d) business

10. EDP (Entrepreneurship Development Programs) is required to help _____

- a) Existing entrepreneurs
- b) First generation entrepreneurs
- c) Future generation entrepreneurs
- d) None of the above

11. According to Schumpeter, Is the most important function of a modern entrepreneur _____

- a) innovation.
- b) invention,
- c) skill,
- d) creativity.

12. Which of the following risks is born by the entrepreneur:

- a) financial risks,
- b) personal risks,
- c) psychological risks,
- d) all of these

13. Which type of entrepreneurs utilizes a chance to introduce a new technique or new product?

- a) Innovative entrepreneur
- b) Instigated entrepreneur
- c) Initiative entrepreneur
- d) Fabian entrepreneur

14. Ownership capital is also known as?

- a) Debt
- b) Equity
- c) Loan
- d) Mortgage

15. In the 1995 - 96 periods what percentage of total entrepreneurs were women entrepreneurs?

- a) 10%
- b) 11.2%
- c) 13%
- d) 9%

16. What can be defined as an attractive project idea which an entrepreneur accepts as a basis for his investment decision?

- a) Possibility
- b) Business
- c) Opportunity
- d) Notion

17. Which of the following is a remedy to solve the problems of women entrepreneurs?

- a) Social attitude
- b) Finance cells
- c) Stiff Competition
- d) Supervision

18. Which of the following is not a quality of a successful entrepreneur specified by Mc Clelland?

- a) He is endowed with unusual creativeness
- b) He has a high degree of ambition
- c) He is enriched by a high propensity
- d) He also has a strong need for achievement

19. The Institute of Entrepreneurship Development has trained around ___ youths in ___ programs till 1987 April.

a) 300, 14

b) 500, 20

c) 200, 10

d) 400, 13

20. Social attitude is one of the important problems of a _____ Entrepreneur.

a) drone.

b) business.

c) women.

d) adoptive.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Women Entrepreneurship

2019-20

Marksheet

Sr No.	Student Name	Marks
1	ATTARDE CHANDAN VISHNU	17
2	AYUSH AGRAWAL	18
3	BADADE PRATHMESH KIRAN	15
4	CHAVAN HARSH JITESHKUMAR	17
5	CHAWLANI YASH RAMESH	18
6	CHITALE RIDDHI RAJEEV	20
7	CHOPDA NEEL RAJKUMAR	18
8	DESHMUKH AKASH KAILAS	13
9	DESHMUKH SALONI MANOJ	16
10	GAIKWAD OMKAR GANESH	18
11	ABUZAR	15
12	AGARWAL PRATIKSHA CHETAN	18
13	BAMB SAHIL ASHIT	18
14	BARMECHA SWETA PRASHANT	16
15	BHOJAK VIDHI DEEPAK	18
16	BHUJBAL KRISHIKESH RANGANATH	16
17	BHUJBAL SHUBHAM NANDKUMAR	18
18	BHUJBAL SRUSHTI MUKUND	19
19	BORKAR VYANKATESH BALASAHEB	16
20	CHILLAL PRANAV GANESH	16
21	ADAKE PRACHI SAGAR	15
22	AGARWAL ANSHIKA KISHAN	17
23	AGARWAL NEHA SACHIN	18
24	BAFNA SHREYA PRASHANT	16
25	BANKAR NIKHIL DATTATRAY	19
26	BHAGNE PRATIK BABARAM	15
27	BHANSALI MOHIT SUNIL	18
28	BIRADAR SHRIKANT CHANDRAKANT	16
29	BODUL ROHAN PURUSHOTTAM	17
30	BOTHARA GAURAV VINOD	18
31	CHAUHAN DHIRAJ MAHENDRAKUMAR	19
32	CHAVAN ADITYA SANDEEP	14
33	CHOUHAN RAKHI HARISHCHANDRA	18
34	DALVI ABHISHEK SUSHIL	17

5/1

35	DILIP SONI	19
36	EKBOTE VAIBHAV NARAYAN	16
37	GADE ANUP AJINATH	18
38	GADEKAR AKSHADA DEEPAK	16
39	GUNDECHA VISHAL SANTOSH	19
40	JADHAV AMRUTA POPAT	15
41	JAIN RASHMI BHARATKUMAR	19
42	JANGID SHUBHAM PUKHRAJ	15
43	KADAM ANURADHA RAMRAO	16
44	KAMATHE DHANSHREE DATTATRAY	19
45	KAMTHE PAYAL UMESH	15
46	KARANDIKAR ASIT NITIN	16
47	KARKUD DURGESH VIKRAM	19
48	KATARIYA AKSHAY RAHUL	14
49	KENGAR POONAM DHARMARAJ	15
50	KONDI PRANAV MOHAN	16
51	KULKARNI RUGVED VIVEK	18
52	KULKARNI TUSHAR RAMESH	16
53	KUWAD TEJAS HARSHAD	19

opranthi
HOD

Patil
Principal

Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE

WOMEN ENTREPRENEURSHIP

This certificate is presented to Mr./Ms. **Deshmukh Saloni** for successfully completing **WOMEN ENTREPRENEURSHIP**, for the Academic Year 2019-20, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 30/8/2019

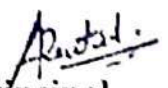
Notice

All students of B.Sc(CS) and BBA(CA) are hereby informed that Vishwakarma College of Arts, Commerce and Science, Pune has organized Value Added Course on “**Block Chain (24hrs.)**” from 02/09/2019 to 07/09/2019 daily 4hrs. at 1:00pm to4:00pm.

Attendance is mandatory for all.

Venue-Lab no. 004


HOD
(Science)


Principal Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science

BSC CS and BBA CA

Enrolled students 2019 - 2020 (Daily 4 hrs)

Subject: Block chain


Month - September

Time 12 pm to 4 pm

Sr No.	Student Name	SIGN
1	ADHAV VAIBHAV GAJENDRA	V.A
2	ALLAM SAURAV RAJESH	SRA
3	ANGADIKAR PRATHAM SOMNATH	Pratham
4	ARE RUTUJA ARUN	Rare
5	ATAR ALFIYAH KAUSAR SAMEER	A.AK
6	BATABYAL SOUMYAJIT SUDIP	SB
7	BHALERAO GANESH DILIP	Ganesh
8	BHONDWE SAKSHI BHUPENDRA	Sakshi B
9	BHORADE PRIYANKA RAVINDRA	PB
10	BHOSALE ADITYA SANJAY	A. BHOSALE
11	BHOSALE KUNAL DATTATRAY	Kunal
12	BIRADAR SUNITA BALU	SB
13	BORA BHAVESH RAVINDRA	BRB
14	CHANDEL SHASHWAT SHIVPRATAP	S.
15	CHATLA KOMAL PRASHANT	k_mal
16	CHAUDHARI DARSHAN RAVINDRA	RD
17	CHAVAN ANIKET BALASAHEB	Aniket
18	CHAVAN BHUSHAN PRAKASH	Bhushan
19	CHAVAN NEHA TANAJI	Neha
20	CHAVAN PRAJAKTA PRATAP	PCP
21	CHAVAN PRATIKSHA SUNIL	PC
22	CHAVAN ROHIT RAJENDRA	rohit
23	CHOUDHARI ANUSHKA VIJAY	A
24	CHOUDHARI PRANIL ANIL	Pranil
25	ABDUL WAHAB	Abdul
26	AHMAD JUNAID	Junaid
27	AHMAD SHAKIR	SA
28	ALI ALFIYA MOIZ	@
29	ALI NASER	N
30	ALMEIDA ALVISTER MICHAEL	AAm
31	BALAI SANIYA SANTOSH	SB..
32	BHALERAO RUGVED MILIND	RBM
33	BORKAR PUSHKAR ASHOK	P.A. Bor
34	CHAVAN ASHOK TUKARAM	A.C. Tukaram

35	CHORDIA KHUSHI RAKESH	KRC
36	CHOUHAN SURBHI SUDHIR	SSC
37	DESAI YASH ARVIND	V.D
38	GABUJI MUNIRA SHABBIR	M.G
39	GADGE JAYESH SUNIL	JAY
40	GERA KSHITIJ DEEPAK	KG
41	GHEEWALA TAHER SHAMSHUDIN	Tahev
42	GHODKE SAURABH MATHURDAS	SMG
43	GHOLAP KIRAN MOHAN	Kiron
44	GHOMAN KUNAL VITTHAL	V
45	GIRKAR DILECTA DANNY	GDD
46	HARISHARAN SRIDHAR NAIDU	S.N.Hari
47	HONRAO TEJAS SANJAY	T.H
48	JADHAV GANESH DASHRATH	Ganesh




 Dr. Arun R. Patil
 PRINCIPAL
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 048.

**BRAC T's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE, PUNE**

Syllabus

Value added course "Blockchain"

Course Objectives:

- To able to Understand how blockchain systems (mainly Bitcoin and Ethereum) work. To securely interact with them. Design, build, and deploy smart contracts and distributed applications. Integrate ideas from blockchain technology into their own projects. Course

Course Contents :

Sr.No	Content Covered	Hours
1.	Blockchain Introduction; Concept Key Feature	2 Hours
2.	Forget Bitcoin: Blockchain is the Future	2 Hours
3.	Blockchain Technology's Three Generations	3 Hours
4.	Blockchain and industry	3 Hours
5.	Blockchain and the economy	3 Hours
6.	Blockchain and banking	4 Hours
7.	Blockchain etfs	3 Hours
8.	Between Blockchain etfs and Bitcoin etfs?	4 Hours




23	CHOUHARI ANUSHKA VIJAY	(A)	(A)	(A)	(A)	(A)	(A)
24	CHOUHARI PRANIL ANIL	P.Pranil	Pranil	Pranil	Pranil	Pranil	Pranil
25	ABDUL WAHAB	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul
26	AHMAD JUNAID	Junaid	Junaid	Junaid	Junaid	Junaid	Junaid
27	AHMAD SHAKIR	SA	SA	SA	SA	SA	SA
28	ALI ALFIYA MOIZ	@	@	@	@	@	@
29	ALI NASER	A	A	A	A	A	A
30	ALMEIDA ALVISTER MICHAEL	AAm	AAm	AAm	AAm	AAm	AAm
31	BALAI SANIYA SANTOSH	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya
32	BHALERAO RUGVED MILIND	RBM	RBM	RBM	RBM	RBM	RBM
33	BORKAR PUSHKAR ASHOK	P.A.Boy	P.A.Boy	P.A.Boy	P.A.Boy	P.A.Boy	P.A.Boy
34	CHAVAN ASHOK TUKARAM	A.C.Talwar	A.C.Talwar	A.C.Talwar	A.C.Talwar	A.C.Talwar	A.C.Talwar
35	CHORDIA KHUSHI RAKESH	KRC	KRC	KRC	KRC	KRC	KRC
36	CHOUHAN SURBHI SUDHIR	SSC	SSC	SSC	SSC	SSC	SSC
37	DESAI YASH ARVIND	Y.D	Y.D	Y.D	Y.D	Y.D	Y.D
38	GABUJI MUNIRA SHABBIR	M.G	M.G	M.G	M.G	M.G	M.G
39	GADGE JAYESH SUNIL	JAY	JAY	JAY	JAY	JAY	JAY
40	GERA KSHITIJ DEEPAK	KG	KG	KG	KG	KG	KG
41	GHEEWALA TAHER SHAMSHUDIN	Taher	Taher	Taher	Taher	Taher	Taher
42	GHODKE SAURABH MATHURDAS	S.M.G	S.M.G	S.M.G	S.M.G	S.M.G	S.M.G
43	GHOLAP KIRAN MOHAN	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
44	GHOMAN KUNAL VITTHAL	K	K	K	K	K	K
45	GIRKAR DILECTA DANNY	GDD	GDD	GDD	GDD	GDD	GDD
46	HARISHARAN SRIDHAR NAIDU	SN.Har	SN.Har	SN.Har	SN.Har	SN.Har	SN.Har
47	HONRAO TEJAS SANJAY	T.H	T.H	T.H	T.H	T.H	T.H
48	JADHAV GANESH DASHRATH	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh





BRACT's

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE**

AY-2019-2020

Course : Block Chain

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. Blockchain is a peer-to-peer _____ distributed ledger technology that makes the records of any digital asset transparent and unchangeable.

- A. Decentralized
- B. Secure
- C. Demanding
- D. Popular

2. Blockchain networks are much _____ and deal with no real single point of failure.

- A. Simpler
- B. Convenient
- C. Easier to scale
- D. Faster

3. Bitcoin is a cryptocurrency, which is an application of Blockchain.

- A. True
- B. False

4. Blockchain can perform user transactions without involving any third-party intermediaries.

- A. With the help of the op
- B. Without involving any owned
- C. Without involving any third party
- D. Without involving any authenticated

5. What does P2P stand for?

- A. Peer to Peer
- B. Password to Password
- C. Product to Product
- D. None of the above

6. Blockchain has ____ versions.

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

7. Who introduced the digital online cryptocurrency known as Bitcoin?

- A. Satoshi
- B. Wei Dai
- C. Nick Szabo
- D. Hal Finney

8. A blockchain enables peer-to-peer transfer of digital currency without any intermediaries such as banks.

- A. False
- B. True

9. Did Blockchain enable a centralized or a decentralized system for the exchange of value?

- A. Decentralized
- B. None of the above
- C. Centralized
- D. Can't say

10. What does a block in a Blockchain have?

- A. Header & Digital ledger
- B. Transactions & Bitcoins
- C. Bitcoins & Input
- D. Header & Transaction

11. What does UTXO stand for?

- A. Unspent Trade Offer
- B. Unique Transaction Offer
- C. Unspent Transaction xeroxed Output
- D. Unspent Transaction Output

12. Does a transaction generate new UTXOs for transferring the amount specified in the input UTXOS?

- A. False
- B. True

13. Transaction 0 in every block of the bitcoin blockchain _____.

- A. Is for paying the miner fees
- B. Is the first transaction in the block
- C. Does not have any input UTXO
- D. Is the last transaction in the block

B. Is called the coinbase transaction

D. All of the above

14. What is the genesis block?

A. Any block created by the founder
Blockchain

C. The last block created in the

B. The first block of a Blockchain

D. The first transaction in each block

15. ___ hosts the software needed for transaction initiation, validation, mining, block creation, and smart contract execution.

A. External Account

C. EVM

B. Ethereum full node

D. Smart Contract

16. _____ receive verify, gather and execute transactions.

A. Miner nodes

C. Smart Contracts

B. Light wallets

D. Ethereum full node

17. What is Blockchain?

A. A currency

C. A ledger

B. A type of currency

D. A distributed ledger on a peer-to-peer network

18. Bitcoin is based on _____ blockchain.

A. Private

C. Public

B. Public Permissioned

D. Permissioned

19. BATM stands for _____.

A. Bounded access transaction machine

C. Broadcast ATM

B. Bitcoin ATM

D. Blockchain ATM

20. Smart Contract characteristics do not include:

A. Alterable

C. Fast and cost-effective

B. A high degree of accuracy

D. Transparency

BRACT's
Vishwakarma College of Arts, Commerce and Science

Blockchain
2019-20
Marksheet

Sr No.	Student Name	Marks
1	ADHAV VAIBHAV GAJENDRA	18
2	ALLAM SAURAV RAJESH	16
3	ANGADIKAR PRATHAM SOMNATH	19
4	ARE RUTUJA ARUN	15
5	ATAR ALFIYAH KAUSAR SAMEER	16
6	BATABYAL SOUMYAJIT SUDIP	18
7	BHALERAO GANESH DILIP	18
8	BHONDWE SAKSHI BHUPENDRA	16
9	BHORADE PRIYANKA RAVINDRA	18
10	BHOSALE ADITYA SANJAY	18
11	BHOSALE KUNAL DATTATRAY	16
12	BIRADAR SUNITA BALU	18
13	BORA BHAVESH RAVINDRA	16
14	CHANDEL SHASHWAT SHIVPRATAP	18
15	CHATLA KOMAL PRASHANT	19
16	CHAUDHARI DARSHAN RAVINDRA	16
17	CHAVAN ANIKET BALASAHEB	16
18	CHAVAN BHUSHAN PRAKASH	17
19	CHAVAN NEHA TANAJI	17
20	CHAVAN PRAJAKTA PRATAP	18
21	CHAVAN PRATIKSHA SUNIL	16
22	CHAVAN ROHIT RAJENDRA	15
23	CHOUDHARI ANUSHKA VIJAY	19
24	CHOUDHARI PRANIL ANIL	16
25	ABDUL WAHAB	16
26	AHMAD JUNAID	17
27	AHMAD SHAKIR	16
28	ALI ALFIYA MOIZ	19
29	ALI NASER	18
30	ALMEIDA ALVISTER MICHAEL	17
31	BALAI SANIYA SANTOSH	17
32	BHALERAO RUGVED MILIND	18
33	BORKAR PUSHKAR ASHOK	19
34	CHAVAN ASHOK TUKARAM	14

SL

35	CHORDIA KHUSHI RAKESH	17
36	CHOUHAN SURBHI SUDHIR	19
37	DESAI YASH ARVIND	16
38	GABUJI MUNIRA SHABBIR	19
39	GADGE JAYESH SUNIL	16
40	GERA KSHITIJ DEEPAK	17
41	GHEEWALA TAHER SHAMSHUDIN	15
42	GHODKE SAURABH MATHURDAS	16
43	GHOLAP KIRAN MOHAN	19
44	GHOMAN KUNAL VITTHAL	14
45	GIRKAR DILECTA DANNY	18
46	HARISHARAN SRIDHAR NAIDU	17
47	HONRAO TEJAS SANJAY	17
48	JADHAV GANESH DASHRATH	16


HOD


Dr. Arun R. Patil
Principal

Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.



Bansilal Ramnath Ugarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 1/4 Laxminagar, VIT Campus, Kondhwa(Bk), Pune-411048

CERTIFICATE

VALUE ADDED COURSE
BLOCKCHAIN

This certificate is presented to Mr./Ms. [Student_name] for successfully completing **Blockchain**, for the Academic Year 2019-20, organized by Vishwakarma College of Arts, Commerce and Science, Pune.

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048

CERTIFICATE

VALUE ADDED COURSE
BLOCKCHAIN

This certificate is presented to Mr./Ms. **Chavan Neha** for successfully completing **Blockchain**, for the Academic Year 2019-20, organized by Vishwakarma College of Arts, Commerce and Science, Pune.

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal

2018-19



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE


Date: 02/08/2018

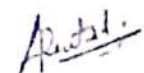
Notice

All students of B.com ,BBA , BBA(IB) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on “ **Certificate course in Banking and Finance(30 hrs.)**” Form 13/08/2018 to 24/08/2018 three hours daily at 2:00 pm to 5:00pm.

Attendance is mandatory for all.

Venue-Hall no. 005


HOD
(Commerce)


Principal Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

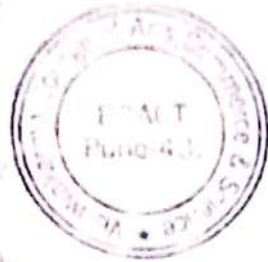
BRACT's
Vishwakarma College of Arts, Commerce and Science
 Banking and Finance

2018-2019

Enrolled Student List

Sr. No	Student Name	Class	Signature
1	DHANWATI VAHIDYAN GAUTAM	FY BBA	[Signature]
2	DHAI TRAO NUDHIM NEEN	FY BBA	[Signature]
3	DHANNIARI NIDHIVARU KUNDE	FY BBA	[Signature]
4	DHONALI KARAN RAJ NIDHA	FY BBA	[Signature]
5	CHAYAN RUTUJA KUTI	FY BBA	[Signature]
6	CHAYAN SHIVAN CHANDAN	FY BBA	[Signature]
7	GADWAD SANJANA THIRIP	FY BBA	[Signature]
8	GAIH AKSHAY CHHAGANI	FY BBA	[Signature]
9	INAMDAR NADHIB R	FY BBA	[Signature]
10	JAIN AKASH ANJOK	FY BBA	[Signature]
11	KUMHAR POOJA MALINIATHI	FY BBA	[Signature]
12	LALWANIKUNTI KISHOR	FY BBA	[Signature]
13	POH PRADNYA CHANDRAN	FY BBA	[Signature]
14	RAHORE SHIKHA SANTOSH	FY BBA	[Signature]
15	DHONALI AKSHAY RAJ NIDHA	FY BBA	[Signature]
16	CHANDRU DE SHANTANI SANGH	FY BBA	[Signature]
17	CHAYAN SURABH KUMAR	FY BBA	[Signature]
18	DAMSI OMKAR RAJESH	FY BBA	[Signature]
19	DARAK DNYANESH GANESH	FY BBA	[Signature]
20	DESHPANDI SURIYANUSHANT	FY BBA	[Signature]
21	DHAMMANI NADHIB RAJAT	FY BBA	[Signature]
22	PARMAR DHIRAJ HARSHAD	FY BBA	[Signature]
23	GANDHI JAYESH DILIP	FY BBA	[Signature]
24	GARDI ANSHU SHIVAJI	FY BBA	[Signature]
25	GAVHANE VAHIDYAN VIVEK	FY BBA	[Signature]
26	GHADGE OMKAR RAJENDRA	FY BBA	[Signature]
27	GHISE PRATHAM SHIVANAYAK	FY BBA	[Signature]
28	JALIKAR RITVIJA RAJESH	FY BBA (D)	[Signature]
29	JAWARI RUTUJA SANJAY	FY BBA (D)	[Signature]
30	TERDAL KARAN PRADEEP	FY BBA (D)	[Signature]
31	THAKKAR HARDIK DHIRAJ	FY BBA (D)	[Signature]
32	THAPA VICKY VIKAS	FY BBA (D)	[Signature]
33	PATASKAR AYI SURABH NIDHA	FY BBA (D)	[Signature]
34	DHOKA GYAN ANJOK	FY BBA (D)	[Signature]
35	DHOKA VIDYAN VIDYAY	FY BBA (D)	[Signature]
36	DANGKALPESH RAMANISHI	FY BBA (D)	[Signature]
37	AGARWAL SALONK KAILASHI	FY BBA (D)	[Signature]
38	KAMTHI SHUBHAM SHANKAR	FY BBA	[Signature]
39	KONDHAVE SANDHUS SAIKISHI	FY BBA	[Signature]
40	MALISWAPNESH NADHIB	FY BBA	[Signature]
41	NIMAI NADHIB CHHAGAN	FY BBA	[Signature]

42	PATEL BHAVIK UDHARAN	NYDIA	<i>Handwritten</i>
43	MANAVI RUDRA RAJHAYENTHRA	NYDIA (D)	<i>Handwritten</i>
44	MANKANI NIMRAN PRAKASH	NYDIA (D)	<i>Handwritten</i>
45	PANDEY SUMIT HANSH AFRASAY	NYDIA (D)	<i>Handwritten</i>
46	RAJGONI DIVYA RAJESH	NYDIA (D)	<i>Handwritten</i>
47	SHAIKH ALDIYA ASH	NYDIA (D)	<i>Handwritten</i>
48	SHAIKH AMMIYAMMUBAISAL JAMH	NYDIA (D)	<i>Handwritten</i>



Handwritten
 Dr. Arun K. Podd
 100-41-100
 Washington State University of Arts,
 Commerce & Science
 Pullman, WA 99164-4100



BRACT's
Vishwakarma College of Arts, Commerce and Science, Pune
Department of Commerce

Value Added Course on
"Banking and Finance"

AY 2018-19

Course Objectives:

Keeping in view job prospects in banking and financial sectors the objective of the course is to give in-depth knowledge of banking and finance to the students of commerce and management with practical inputs and prepare them for career in banks and other financial institution.

Duration of the Program:

Certificate course banking and finance is a program for 30 hours of lectures including 26 hours of lectures and 4 hours of internal evaluation.

Course Content:

Unit no.	Contents	Teaching Hours
1	Introduction	6 Hours
2	Financial Institution and Financial Market	6 Hours
3	Bank management	6 Hours
4	Banking law and practice	6 Hours
5	Bank credit	2 Hours

Expected Outcome:

Students will be able to gain insight into the main components of banking and finance strategy and its impact on business, banks and government.



Sr. No	Student Name	112	112	112	112	112	112	112	112	112	112	112	112	112
29	LALWANI NIKUNJ KISHOR	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor	Kishor
30	LONDAVE SANDESH SADASHIV	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh
31	MALI SWAPNE SAHADI	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne	Swapne
32	MANAVI SU DRA RAGHAVENDRA	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi	Manavi
33	MANGANI SIMRAN PRAKASH	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran
34	NIRAJ NAMDEO CHAVAN	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj
35	PANDEY SUMEET	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet	Sumeet
36	PARMAR DHIRU HARSHAD	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru	Dhiru
37	PATASKAR AYUSH RAJENDRA	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
38	PATEL BHAVIK CHHAGAN	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik
39	POJ PRADNYA CHANDRAKANT	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya
40	RAISONI DIVYA RAJESH	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
41	RATHORE ISHKA SANTOSH	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka	Ishka
42	SHAIKH ALFIYA ASH	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya
43	SHAIKH MOHAMMED FAISAL	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed
44	TALEKAR RITUJA RAJESH	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja	Rituja
45	TAWARE RUTUJA SANJAY	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
46	TERDAL KARAN PRADHEP	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan
47	THAKKAR HARDIK BIHARAT	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik	Hardik
48	THAPA VIKY VIKAS	Viky	Viky	Viky	Viky	Viky	Viky	Viky	Viky	Viky	Viky	Viky	Viky	Viky





BRACT'S

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

2019-20
Course: Banking and Finance

Marks: 20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. Which of the following is a step that the central bank will take to encourage greater investment in the economy?
 - a. It will look to increase the cash reserve ratio
 - b. It will look to reduce the cash reserve ratio
 - c. It will look to increase the bank rate
 - d. It will look to sell the government securities in the open market
2. Which of the following is a step that the central bank will take to increase the overall availability of credit?
 - a. It will sell the government securities in the market
 - b. It will buy more government securities from the market
 - c. It will raise the reverse repo rate
 - d. It will raise the repo rate
3. Which of the following statements is true about the Indian monetary system?
 - a. The Indian monetary system is based on the gold standard
 - b. The Indian monetary system is based on the credit money standard
 - c. The Indian monetary system is based on the paper standard
 - d. The Indian monetary system is based on the metallic standard
4. Which of the following statements represents the main function of the central bank in a country?
 - a. It is responsible for the regulation over the supply of money in the market
 - b. It is responsible for the issuance of notes within the country
 - c. It acts as a banker both to the government and to other banks in the country
 - d. All of the above
5. Which of the following statements is true about demand deposits?
 - a. It includes both fixed deposits and current account deposits
 - b. It includes both savings account deposits and fixed deposits
 - c. It includes both current account deposits and savings account deposits
 - d. It includes fixed deposits, current account deposits and savings account deposits
6. Which of the following statements is true about the central bank?
 - a. It regulates the entire banking system in the country

- b. It is under the ownership of the central government of a country
 - c. It is the apex bank of a country
 - d. All of the above
7. Which of the following statements about the bank rate is true?
- a. Bank rate is different from interest rate
 - b. Bank rate is the discount rate provided by the central bank of a country
 - c. Bank rate is defined as the rate at which the central bank of a country gives credit to the commercial banks
 - d. All of the above
8. Which of the statements gives a true picture of the effect of the central bank selling securities in the market?
- a. The credit creation capacity of commercial banks will fall
 - b. The credit creation capacity of commercial banks will rise
 - c. The credit creation capacity of commercial banks may rise or fall
 - d. There is no effect on the credit creation capacity of commercial banks
9. Which of the statements gives a true picture of the effect of lowering the cash reserve ratio by the central bank of a country?
- a. The lending capacity of commercial banks will increase
 - b. The lending capacity of commercial banks will decrease
 - c. The lending capacity of commercial banks may increase or decrease
 - d. There is no effect on the lending capacity of commercial banks
10. Which of the statements gives an accurate picture of the effect of the rise of the reverse repo rate by the central bank of a country?
- a. The demand for goods and services in the country will decrease
 - b. The demand for goods and services in the country will increase
 - c. The demand for goods and services in the country may increase or decrease
 - d. There is no effect on the demand for goods and services in the country
11. Which of the statements gives an accurate picture of the effect of the increase in the repo rate?
- a. The money supply in the country will decrease
 - b. The money supply in the country will increase
 - c. The money supply in the country will increase initially and then decrease
 - d. There is no effect on the money supply in the country
12. Which of the following statements is true about credit creation by banks?
- a. Banks create credit on the basis of their total assets
 - b. Banks create credit on the basis of their total deposits
 - c. Banks create credit on the basis of their total securities
 - d. Banks create credit out of nothing
13. Which of the following is not the function of the central bank of a country?
- a. Being the custodian of foreign exchange reserves
 - b. Accepting deposits from the general public
 - c. Both a and b are correct
 - d. Both a and b are incorrect
14. Which agency regulates the money supply in India?
- a. The Government of India

- b. Commercial banks
- c. Reserve Bank of India
- d. None of the above

15. Which of the following statements is true about the money supply?

- a. It is the total volume of money that is held by the government of a country
- b. It is the total volume of money that is held by the general public of a country over a time period
- c. It is the total volume of money that is held by the general public of a country at a particular point in time
- d. All of the above

16. We should keep our savings with banks because

- a. It is safe
- b. Earns interest
- c. Can be withdrawn anytime
- d. All of above

17. Bank does not give loan against

- a. Gold Ornaments
- b. LIC policy
- c. Lottery ticket
- d. NSC

18. Bank having maximum number of branches in India

- a. Reserve Bank of India
- b. State Bank of India
- c. Punjab National Bank
- d. Bank of Baroda

19. 100/- Rupee note is signed by

- a. Prime Minister
- b. Finance Minister
- c. RBI Governor
- d. None of above

20. ATM password should be kept in


- a. Personal diary
- b. Office diary
- c. Memory
- d. All of above

BRACT's
Vishwakarma College of Arts, Commerce and Science
 Banking and Finance
 2018-2019
MARKSHEET

Sr. No	Student Name	Class	Marks
1	AGARWAL SALONI KAILASH	FYBBA(IB)	16
2	BANG KALPESH RAMESH	FYBBA(IB)	15
3	BHAGWAT VAIBHAV GAUTAM	FYBCom	17
4	BHALERAO SHUBHAM NITIN	FYBCom	18
5	BHANDARE SHUBHRA MUKUND	FYBCom	20
6	BHOSALE AKSHAY RAJENDRA	FYBBA	18
7	BHOSALE KIRAN RAJENDRA	FYBCom	17
8	CHANDGUDE SHANTANU SANDIP	FYBBA	18
9	CHAVAN RUTUJA ATUL	FYBCom	19
10	CHAVAN SHIVANI CHANDAN	FYBCom	14
11	CHAVAN SURAJ BAPURAO	FYBBA	17
12	DAMSE OMKAR RAJESH	FYBBA	18
13	DARAK DNYANESH GANESH	FYBBA	16
14	DESHPANDE SHREYAS SUSHANT	FYBBA	17
15	DHAMMANI AABID BARKAT	FYBBA	15
16	DHOKA GYAN ASHOK	FYBBA(IB)	19
17	DHOKA VIREN VIJAY	FYBBA(IB)	17
18	GAIKWAD SANJANA DILIP	FYBCom	19
19	GANDHI JAYESH DILIP	FYBBA	16
20	GARDI ASHISH SHIVAJI	FYBBA	15
21	GAUR AKSHAY CHHAGANLAL	FYBCom	18
22	GAVHANE VAIBHAV VIVEK	FYBBA	17
23	GHADGE OMKAR RAJENDRA	FYBBA	18
24	GHATE PRATHAMESH VINAYAK	FYBBA	16
25	INAMDAR SAHIL HUJUR	FYBCom	15
26	JAIN AKASH ASHOK	FYBCom	17
27	KAMTHE SHUBHAM SHANKAR	SYBBA	18
28	KUMBHAR POOJA MALLINATH	FYBCom	16
29	LALWANI NIKUNJ KISHOR	FYBCom	19
30	LONDAVE SANDESH SADASHIV	SYBBA	15
31	MALI SWAPNIL SAHADU	SYBBA	16
32	MANAVI RUDRA RAGHAVENDRA	SYBBA(IB)	18
33	MANKANI SIMRAN PRAKASH	SYBBA(IB)	18
34	NIRAJ NAMDEO CHAVAN	SYBBA	17
35	PANDEY SUMEET HAUSILAPRASAD	SYBBA(IB)	18
36	PARMAR DHRUV HARSHAD	FYBBA	16
37	PATASKAR AYUSHI RAJENDRA	FYBBA(IB)	19
38	PATEL BHAVIK CHHAGAN	SYBBA	16
39	POL PRADNYA CHANDRAKANT	FYBCom	18
40	RAISONI DIVYA RAJESH	SYBBA(IB)	18
41	RATHORE ISHIKA SANTOSH	FYBCom	16

42	SHAIKH ALIFIYA ASIF	SYBBA(IB)	18
43	SHAIKH MOHAMMEDFAISAL JAMIL	SYBBA(IB)	16
44	TALEKAR RITUJA RAJESH	FYBBA(IB)	18
45	TAWARE RITUJA SANJAY	FYBBA(IB)	19
46	TERDAL KARAN PRADEEP	FYBBA(IB)	16
47	THAKKAR HARDIK BHARAT	FYBBA(IB)	15
48	THAPA VICKY VIKAS	FYBBA(IB)	19


HOD


Dr. Arun J. Patil
Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune 411 048.



Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE BANKING AND FINANCE

This certificate is presented to Mr./Ms. **Dhoka Viren** for successfully completing **Banking and Finance**, for the Academic Year 2018-19, organized by **Vishwakarma College of Arts, Commerce and Science, Pune**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Swati Sathye
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE


Date: 26/09/2018

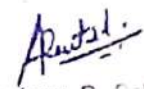
Notice

All students of FY and SY BBA(CA), BSc (CS) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on “Programming Using C and C++ (30 hours)” from 08/12/2018 to 19/12/2018 three hours daily at 2:00 pm to 5:00pm.

Attendance is mandatory for all.

Venue-Hall no. 005


HOD-
(Science)


Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science

Programming using C and C++

2018-2019

Enrolled Student List

Sr. No	Student Name	Class	SIGN
1	BADHE PRANIL RAJENDRA	FYBBA(CA)	Pradhe
2	BADSHAH ZAINAB MOHAMMED	FYBBA(CA)	B.Z.M.
3	DIHANI KAR AISHWARYA SANTOSH	FYBBA(CA)	A.S.P.
4	DHASADE OMKAR PRAKASH	FYBBA(CA)	Omkar
5	DILWAN VIDANATH ASHWIN	FYBBA(CA)	Dilwan
6	DIMBLE RUTIK DADASAHEB	FYBBA(CA)	Dimple
7	AUFADI RUTUJA NANASO	FYBSc(CS)	Rutuja
8	BIHONDAVI PRAGATI DILIP	FYBSc(CS)	P.P.B.
9	BAGTEGANISH SOMSHANKAR	FYBSc(CS)	Janesh
10	DAHI KAR AKHILESH ANIL	FYBSc(CS)	A.A.D.
11	DASS FLAVIA LOURIDRAJ	FYBSc(CS)	Flavia
12	DAWKHAR HIRISHIKESH SHARAD	FYBSc(CS)	H.S.P.
13	DAYMARTIK NANDRISHOR	FYBSc(CS)	Ritik
14	HAMBIR ABHIRAM ANKUSH	FYBSc(CS)	A.A.H.
15	JADHAV UDAYAN RAJENDRA	FYBSc(CS)	Jadhav
16	JAGTAP GAURI NAVNATH	FYBSc(CS)	Gauri
17	AWASARKAR PRANAV NISHIKANT	SYBBA(CA)	Pranav
18	AWCHAR SHIRIRAM DILIPRAO	SYBBA(CA)	Shriram
19	BAKSHI LABISHI KHALID	SYBBA(CA)	Balishi
20	GAVAI SHRIVATSA GOVIND	SYBBA(CA)	S.G.G.
21	IKAL NIDA NAHID	SYBBA(CA)	Nida
22	JAGTAP SHUBHAM DATTATRAYA	SYBBA(CA)	Shubham
23	KAMBLE KAILAS SURESH	SYBBA(CA)	K.S.K.
24	KATKAM SHUBHAM SHIVAJI	SYBBA(CA)	S.S.S.
25	KHASNIS YASH RAVINDRA	SYBBA(CA)	Yash
26	KIBE ADITYA VIVEK	SYBBA(CA)	Aditya
27	MORE KOMAL LAXMAN	SYBBA(CA)	Komal
28	ANURAG RAWAT	SYBSc(CS)	Anurag
29	BADGU MELNAKSHI JAGDISH	SYBSc(CS)	M.J.B.
30	BOHRI TASNEEM ABDEAL	SYBSc(CS)	Bohri
31	CHOUHDHARY ASHISH PRATAP	SYBSc(CS)	Ashish
32	DIEKONDA ANKITA MARUTI	SYBSc(CS)	Ankita
33	DISHANDE VISHWESH HARI	SYBSc(CS)	V.H.D.
34	GAIKWAD INDRAJIT VASANT	SYBSc(CS)	Indrajit
35	GHADAGE PRATEEK RAMESH	SYBSc(CS)	P.R.G.
36	GUPTA SHIVAM DEVESH	SYBSc(CS)	Shivam
37	MUDHE SAYALI BABASAHEB	SYBSc(CS)	Sayali



Pradhe

Dr. Anil B. Patil
Principal

Vishwakarma College of Arts,
Commerce and Science,
Kondhwa(Bk.), Pune-411 007



BRAC TRUSTS

Widya Lakshmi College of Arts, Commerce and Science, Pune

Department of Commerce

Value Added Course

"PROGRAMMING USING C AND C++"

AY 2018-19

Course Objectives:

- To learn the fundamental programming concepts and methodologies which are essential to building good C++ programs.
- To write reusable modules.
- To create, maintain, test and implement a well-structured, robust computer using the C++ programming language.
- To practice fundamental programming methodologies in the C++ programming language via laboratory experiences.

Duration of the Program:

Certificate course programming using C and C++ is a program for 30 hours of lectures including 20 hours of lectures and 4 hours of internal evaluation.

Course Content:

Unit no.	Contents	Teaching Hours
1	<ul style="list-style-type: none">• I/O functions, data types• Control flow• Operators and Array• Pointers	8 Hours

2	<ul style="list-style-type: none"> • File handling • Structures and user defined data types • Appreciate the object-oriented approach • Create objects 	6 Hours
3	<ul style="list-style-type: none"> • Define and implement Encapsulation and Abstraction • Use operators and decision-making constructs • Use array • Implement functions 	6 Hours
4	<ul style="list-style-type: none"> • Use constructors and destructors • Implement polymorphism, Inheritance and dynamic 	6 Hours
5	<ul style="list-style-type: none"> • Use file input and output • Use exception handling and templates 	2 Hours

Expected Outcome:

Students will be able to identify the appropriate data structures and algorithms for solving real world problems.

SM



BRACT's
Vishwakarma College of Arts, Commerce and Science
Programming using C and C++
AY 2018-19

ATTENDANCE SHEET

Sr. No	Student Name	9/12/18	10/12/18	11/12/18	12/12	13/12	14/12	15/12	17/12	18/12	19/12
1	ANURAG RAWAT	Pawar	Pawar		Pawar		Pawar		Pawar	Pawar	
2	AULADI RUTUJA NANASO	Rutuja		Rutuja	Rutuja	Rutuja		Rutuja	Rutuja	Rutuja	Rutuja
3	AWASARKAR PRANAV	Pranav	Pranav	Pranav		Pranav	Pranav		Pranav	Pranav	Pranav
4	AWCHAR SHRIRAM DII IPRAO		Shriram		Shriram	Shriram		Shriram	Shriram	Shriram	Shriram
5	BADGUMI NAKSHI JAGDISH	M.J.B.		M.J.B.		M.J.B.	M.J.B.		M.J.B.	M.J.B.	
6	BADHE PRANIT RAJINDRA	P.Badhe	P.Badhe		P.Badhe	P.Badhe	P.Badhe	P.Badhe		P.Badhe	P.Badhe
7	BADSHAH ZAINAB MOHAMMED	B.Z.M.		B.Z.M.	B.Z.M.	B.Z.M.	B.Z.M.	B.Z.M.	B.Z.M.		B.Z.M.
8	BAGI GANI SII SOMSHANKAR	Ganesh	Ganesh		Ganesh		Ganesh		Ganesh		Ganesh
9	BAKSHI TAHISH KHALID		Bakshi		Bakshi	Bakshi		Bakshi		Bakshi	Bakshi
10	BIJONDAVI PRAGATI DII IP	P.D.B.	P.D.B.		P.D.B.	P.D.B.	P.D.B.		P.D.B.	P.D.B.	P.D.B.
11	BOHRI TASNEM ABDI AL	Bohri	Bohri	Bohri	Bohri		Bohri	Bohri	Bohri	Bohri	Bohri
12	CHOUDHARY ASHISH PRATAP	Ashish	Ashish	Ashish		Ashish	Ashish		Ashish	Ashish	Ashish
13	DAHEKAR AKHIL SHANIL	A.A.D.		A.A.D.	A.A.D.	A.A.D.		A.A.D.	A.A.D.	A.A.D.	A.A.D.
14	DASSI AVIA LOURDRAJ		Flavia	Flavia	Flavia	Flavia	Flavia	Flavia	Flavia		Flavia
15	DAWKHAR HRISHIKI SHI SHARAD	H.S.D.		H.S.D.		H.S.D.	H.S.D.			H.S.D.	H.S.D.
16	DAYMA RITIK NANDKISHOR		Ritik		Ritik		Ritik	Ritik		Ritik	Ritik
17	DEKONDA ANKITA MARUTI	Ankita		Ankita		Ankita	Ankita		Ankita	Ankita	
18	DESHPANDI VISHWESHARI	V.H.D.	V.H.D.		V.H.D.	V.H.D.	V.H.D.	V.H.D.	V.H.D.		V.H.D.
19	DHANDEKAR AISHWARYA	A.S.D.	A.S.D.		A.S.D.	A.S.D.	A.S.D.	A.S.D.	A.S.D.	A.S.D.	A.S.D.
20	DHASADI OMKAR PRAKASH	Omkar		Omkar		Omkar		Omkar	Omkar	Omkar	Omkar
21	DHAWAN VIDANATH ASHWIN		Ashwin		Ashwin	Ashwin	Ashwin		Ashwin		Ashwin
22	DIMBLE RUTIK DADASAHEB	Dimble		Dimble	Dimble		Dimble		Dimble	Dimble	Dimble
23	GAIKWAD INDRAJIT VASANT	Gaikwad		Gaikwad		Gaikwad		Gaikwad		Gaikwad	Gaikwad
24	GAVAI SHRIVATSA GOVIND	S.S.G.	S.S.G.	S.S.G.		S.S.G.	S.S.G.	S.S.G.	S.S.G.		S.S.G.
25	GHADAGE PRATEEK RAMESH	P.R.G.		P.R.G.	P.R.G.		P.R.G.	P.R.G.		P.R.G.	P.R.G.
26	GUPTA SHIVAM DEVESH	Shivam	Shivam	Shivam		Shivam	Shivam		Shivam		Shivam
27	HAMBIR ABHIJIT ANKUSH	A.A.H.	A.A.H.		A.A.H.	A.A.H.	A.A.H.	A.A.H.	A.A.H.		A.A.H.
28	IKKAI NIDA NAHID	Nida	Nida	Nida		Nida	Nida		Nida	Nida	Nida

29	JADHAV UDAY AN RAJENDRA	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
30	JAGJAP GAURINAVNATH	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
31	JAGJAP SHUBHAM DALLA TRAYA	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
32	KAMBHE KAILAS SURESH	K.s.k.	K.s.k.	K.s.k.	K.s.k.	K.s.k.	K.s.k.	K.s.k.	K.s.k.	K.s.k.	K.s.k.
33	KATKAMSHUBHAM SHIVAJI	S.S.K.	S.S.K.	S.S.K.	S.S.K.	S.S.K.	S.S.K.	S.S.K.	S.S.K.	S.S.K.	S.S.K.
34	KHANNIYAMIRAVINDRA	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash
35	KHIRE ADITYA VIVEK	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
36	MORE KOMAL LAXMAN	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal
37	MUDHE SAYALI BABASAHEB	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2018-2019

Course : programming Using C and C++

Marks :20 M

Q.1 Attempt all questions

[1X20=20 Mark]

1. Which of these types is not provided by C but is provided by C++?

- a. double
- b. float
- c. bool
- d. int

2) C++ for the implementation of late binding?

- a. Static Functions
- b. Constant Functions
- c. Operator Functions
- d. Virtual Functions

3. Which of these won't return any value?

- a. void
- b. null
- c. free
- d. empty

4. Which function do we use for checking if a character is a space or a tab?

- a. isdigit()
- b. isblank()
- c. isalnum()
- d. isalpha()

5. What would happen in case one uses a void in the passing of an argument?

- a. It would return any value
- b. It may not or may depend on a declared return type of any function. The return type of the function is different from the passed arguments
- c. It would return some value to the caller
- d. It would not return any value to the caller

6. _____ is an ability of grouping certain lines of code that we need to include in our program?

- a. macros
- b. modularization
- c. program control
- d. specific task

7. Which of these keywords do we use for the declaration of the friend function?

- a. myfriend
- b. classfriend
- c. friend
- d. friend

8. What is used for dereferencing?

- a. pointer with asterix
- b. pointer without asterix
- c. value with asterix
- d. value without asterix

9. What does polymorphism stand for?

- a. a class that has four forms
- b. a class that has two forms
- c. a class that has only a single form
- d. a class that has many forms

10. What handler do we use if we want to handle all the types of exceptions?

- a. try-catch handler
- b. catch-none handler
- c. catch-all handler
- d. catch handler

11. What do we use in order to throw an exception?

- a. try
- b. throw
- c. handler
- d. catch

12. We can apply RTTI to which of the class types?

- a. Polymorphic
- b. Encapsulation
- c. Static
- d. Derived

13. Which header file do we use for the generation of random numbers?

- a. <random>
- b. <generator>
- c. <distribution>
- d. <gen_dist>

14. Which container is the best for keeping a collection of various distinct elements?

- a. queue
- b. set
- c. heap
- d. multimap

15. Inheritance models which type of relationship?

- a. Belongs-to relationship
- b. Part-Of relationship
- c. Is-A relationship
- d. Has-A relationship

16. In heap, which of these values will be pointed out first?

- a. First value
- b. Lowest value
- c. Third value
- d. Highest value

17. Which of these functions is used for incrementing the iterator by a certain value?

- a. move()
- b. prev()
- c. advance()
- d. next()

18. In the locale object, which of these objects' information is loaded?

- a. servant object
- b. facet object
- c. instead object
- d. both instead & facet objects

19. Which of these mathematics libraries is used in C++ for vector manipulation?

- a. boost++
- b. stac++
- c. vec++
- d. ch++

20) Operators is used in order to capture every external variable by reference?

- a. *
- b. &&
- c. &
- d. =

SC

BRACT's
Vishwakarma College of Arts, Commerce and Science


Programming using C and C++

2018-2019

Marksheet

Sr. No	Student Name	Class	Marks
1	BADHE PRANIT RAJENDRA	FYBBA(CA)	15
2	BADSHAH ZAINAB MOHAMMED	FYBBA(CA)	17
3	DHANDEKAR AISHWARYA SANTOSH	FYBBA(CA)	16
4	DHASADE OMKAR PRAKASH	FYBBA(CA)	15
5	DHAWAN VEDANTH ASHWIN	FYBBA(CA)	17
6	DIMBLE RUTIK DADASAHEB	FYBBA(CA)	18
7	AUTADE RUTUJA NANASO	FYBSc(CS)	20
8	BHONDAVE PRAGATI DILIP	FYBSc(CS)	18
9	BAGLI GANESH SOMSHANKAR	FYBSc(CS)	13
10	DAHEKAR AKHILESH ANIL	FYBSc(CS)	18
11	DASS FLAVIA LOURDRAJ	FYBSc(CS)	16
12	DAWKHAR HRISHIKESH SHARAD	FYBSc(CS)	15
13	DAYMA RITIK NANDKISHOR	FYBSc(CS)	18
14	HAMBIR ABHIJIT ANKUSH	FYBSc(CS)	16
15	JADHAV UDAYAN RAJENDRA	FYBSc(CS)	17
16	JAGTAP GAURI NAVNATH	FYBSc(CS)	16
17	AWASARKAR PRANAV NISHIKANT	SYBBA(CA)	16
18	AWCHAR SHRIRAM DILIPRAO	SYBBA(CA)	18
19	BAKSHI TABISH KHALID	SYBBA(CA)	19
20	GAVAI SHRIVATSA GOVIND	SYBBA(CA)	15
21	IJKAL NIDA NAHID	SYBBA(CA)	17
22	JAGTAP SHUBHAM DATTATRAYA	SYBBA(CA)	18
23	KAMBLE KAILAS SURESH	SYBBA(CA)	20
24	KATKAM SHUBHAM SHIVAJI	SYBBA(CA)	17
25	KHASNIS YASH RAVINDRA	SYBBA(CA)	18
26	KIBE ADITYA VIVEK	SYBBA(CA)	15
27	MORE KOMAL LAXMAN	SYBBA(CA)	17
28	ANURAG RAWAT	SYBSc(CS)	15
29	BADGU MEENAKSHI JAGDISH	SYBSc(CS)	19
30	BOHRI TASNEEM ABDEAL	SYBSc(CS)	17
31	CHOUDHARY ASHISH PRATAP	SYBSc(CS)	18
32	DEEKONDA ANKITA MARUTI	SYBSc(CS)	18
33	DESHPANDE VISHWESH HARI	SYBSc(CS)	17
34	GAIKWAD INDRAJIT VASANT	SYBSc(CS)	18
35	GHADAGE PRATEEK RAMESH	SYBSc(CS)	16
36	GUPTA SHIVAM DEVESH	SYBSc(CS)	19
37	MUDHE SAYALI BABASAHEB	SYBSc(CS)	19


HOD


Principal
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048

Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE

PROGRAMMING USING C AND C++

This certificate is presented to Mr./Ms. **Gupta Shivam** for successfully completing **Programming using C and C++**, for the Academic Year 2018-19, organized by **Vishwakarma College of Arts, Commerce and Science, Pune**

Handwritten signature of Prof. Anjum A. Patel in blue ink.

Prof. Anjum A. Patel
Co-ordinator - IQAC

Handwritten signature of Swati Sathye in blue ink.

Swati Sathye
HOD - Commerce
Department

Handwritten signature of Prof. Sudhir D. Chitnis in blue ink.

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Handwritten signature of Dr. Arun R. Patil in blue ink.

Dr. Arun R. Patil
Principal



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 10/07/2018

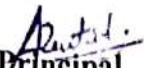
Notice

All students of BBA, BBA(IB) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on “ **Certificate course in Entrepreneurship Development(30 hours)**” from 19/07/2018 to 02/08/2018 two hours daily at 8:00 am to 10:00am.

Attendance is mandatory for all.

Venue-Hall no. 004


HOD
(Commerce)


Principal
Dr. Arun B. [unclear]
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
 Certificate course in Entrepreneurship Development

2018-2019

Enrolled Student List

Sr. No	Student Name	Class	SIGN
1	JAIN SANYUSH ASHOK	FYBBA(IB)	
2	JAMADAR RAIYYAN RAHIQUE	FYBBA(IB)	Jamada
3	SISODE VIRAJ VINOD	TYBBA(IB)	
4	SONAWANE PRATHAMESH GIRISH	TYBBA(IB)	
5	GANDHI SHREYANSI KIRTI	TYBBA	Gandhi
6	GHIYA HARSII SUSHIL	TYBBA	
7	GHUMNANI TARUN RAJKUMAR	TYBBA	Ghumna
8	GUDGILA SAGAR LAXMINARAYAN	TYBBA	
9	KIRVE YASH AVINASH	FYBBA(IB)	
10	KOTIARI VRUSHIJI JIGNESH	FYBBA(IB)	Kotari
11	KUDALE PRATIK PRAKASH	FYBBA(IB)	Kudale
12	DESHPANDE SHREYAS SUSHANT	FYBBA	Deshpande
13	DHAMMANI AABID BARKAT	FYBBA	
14	PARMAR DHIRUV HARSHAD	FYBBA	
15	DHUMAL PRITHIVIRAJ PRAMOD	FYBBA	Dhumal
16	KUNCHEITI AISHWARYA SHRINIVAS	SYBA(IB)	K.A.S
17	MANAVI RUDRA RAGHAVENDRA	SYBA(IB)	Manavi
18	NAHAR HARSII JITENDRA	SYBA(IB)	Nahar
19	NAHATA DIVYA SURESH	SYBA(IB)	Nahata
20	VORA DHIRUV KLIAN	FYBBA(IB)	Vora
21	YADAV ROHIT RAVINDRA	FYBBA(IB)	Yadav
22	BHUJBAL KRISHIKESH RANGANATHI	SYBBA	Bhuja
23	BIHUBAL SHUBHAM NANDKUMAR	SYBBA	B.S.N
24	BHUJBAL SRUSHI MUKUND	SYBBA	Bhuja
25	LAKADE YASH SUNIL	FYBBA	Lakade
26	HOLE SHREYA UHAS	SYBBA	Hole
27	ASOPA KUNAL DINESH	TYBBA	
28	KONKATI PRITI VYANKATESH	FYBBA	Konkati
29	DAMANI JASMINE RAJESH	TYBBA	Damani
30	MUNOT SEJAL PRAFUL	FYBBA	
31	CHOPDA NEEL RAJKUMAR	SYBA(IB)	Chopda
32	DARAK RAJAT ASHOK	SYBA(IB)	Darak
33	DESHMUKH AKASH KAILAS	SYBA(IB)	
34	DESHMUKH SALONI MANOJ	SYBA(IB)	Desai
35	GAIKWAD OMKAR GANESH	SYBA(IB)	Gaikwad
36	GAVAI PUSHKARAJ	SYBA(IB)	Gavai
37	BEDSE UTKARSH VINAYAK	TYBBA	Bedse
38	BIHANDARI REEVA RAJESH	TYBBA	Bihandari
39	BHAVEKAR HRUSHIKESH NAMDEO	TYBBA	
40	BIHANI KUNAL RADHESHYAM	TYBBA	Bihas
41	BOHARA DIVYA JITENDRA	TYBBA	Bohara

42	JAGTAP OMKAR SUBHASH	SYBBA	Sapre
43	JAGTAP RUPESH RAJENDRA	SYBBA	Rupesh
44	JAGTAP SIDDHI RAJENDRA	SYBBA	Siddhi
45	JAIN SAKSHI BILRUI AL	SYBBA	Jain
46	JAIN SHUBHAM DHARMENDRA	SYBBA	Shubham
47	JADHAV PAYAL RAHUL	SYBBA	Rajal
48	JAIN RISHABH UMESH	TYBBA(B)	Rishab
49	JAIN SHREY KISHOR	TYBBA(B)	Shrey
50	JAMBHUI KAR SHUBHAM SANJAY	TYBBA(B)	Shubham
51	MARIAN ROSHAN CYRIL	TYBBA(B)	Roshan
52	MEMON AYMAN SALIM	TYBBA(B)	Ayman
53	MUTHA KUSHAL AJIT	TYBBA(B)	Mutha
54	PAL SA VIREN SANJAY	TYBBA	Viren
55	PALVE SHREENATH SADASHIV	TYBBA	Shree
56	PAREKH HARSHI HEMESH	TYBBA	Harshi
57	PARKAR TAIZAN IMTIYAZ	TYBBA	Taizan
58	PATIL NIRAL JAYANTI	TYBBA	Niral
59	PATEL ROHAN NARESH	TYBBA	Rohan
60	SAYYED SOHAIL WAHID	TYBBA(B)	Sohail
61	SAYYED SUFIYAAN JAVED	TYBBA(B)	Sufiyan
62	SHAH ROMIL SANDEEP	TYBBA(B)	Romil
63	SHARMA HARSHIT MANOJ	TYBBA(B)	Harshit



Dr. Arun R. Patil
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BRACT's

Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

Value Added Course

ENTERPRENUERSHIP DEVELOPMENT

AY 2018-19

Course Objectives:

- State the meaning of entrepreneurship.
- Describes the importance of entrepreneurship.
- Outline the qualities of successful entrepreneur.
- State the Functions of an entrepreneur.
- Explains the issues and problems faced by an entrepreneur.

Duration of the Program:

Certificate course in entrepreneurship development is a program for 30 hours of lectures.

Course Content:

Unit no.	Contents	Teaching Hours
1	Introduction to entrepreneurship	6 Hours
2	Motivation training	6 Hours
3	Management skills	6 Hours
4	Support system and procedure	6 Hours
5	Fundamental of project feasibility study	6 Hours

Expected Outcome:

- Students will be able to assess their ability for entrepreneurship.
- Students will be able to verbally articulate the value proposition of an entrepreneurial venture.



Sr. No	Student Name	19/7	20/7	21/7	22/7	23/7	24/7	25/7	26/7	27/7	28/7	29/7	30/7	31/7	1/8	(2) 8
29	JAIN RISHABH UMESH	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
30	JAIN SAKSHI BHIRULAL	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
31	JAIN SANYUSHTI ASHOK	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
32	JAIN SHIRTY KISHOR	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
33	JAIN SHUBHAM DHARMENDRA	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD	JSD
34	JAMADAR RAIYYAN RAHQUE	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR
35	JAMBHUKAR SHUBHAM SANJAY	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh	Jsh
36	KIRVE YASHAVINASH	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash	Jash
37	KONKATI PRITHVIYANKATESH	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran
38	KOTHARI VRUSHI JIGNESH	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
39	KUDATE PRATIK PRAKASH	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati
40	KUNCHI TIAISHWARYA	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
41	LAKADE YASH SUNIL	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
42	MANAVI RUDRA RAGHAVI NDRA	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR	JRR
43	MARIAN ROSHAN CYRIL	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran
44	MEMON AYMAN SALIM	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man
45	MUNOT SIJAI PRAFUL	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man
46	MUTHA KUSHAL AJIT	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan	Kan
47	NAHAR HARSHI JITH NDRA	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har
48	NAHATA DIVYA SURESH	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan
49	PATEL SA VIREN SANJAY	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van
50	PALVE SHREENATHI SADASHIV	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal
51	PAREKH HARSHI HIMESH	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har
52	PARKAR FAIZAN IMTIYAZ	Par	Par	Par	Par	Par	Par	Par	Par	Par	Par	Par	Par	Par	Par	Par
53	PARMAR DHIRUV HARSHAD	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan	Dan
54	PATEL NIRAL JAYANTI	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati	Pati
55	PATEL ROHAN NARISH	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran
56	SAYYED SOHAIL WAHID	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan	Wan
57	SAYYED SUFIYAN JAVED	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan
58	SHAH ROMIL SANDI P	San	San	San	San	San	San	San	San	San	San	San	San	San	San	San
59	SHARMA HARSHI MANOJ	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man
60	SISODE VIRAJ VINOD	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin
61	SONAWANE PRATHAMESH GIRISH	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan
62	VORA DHIRUV KETAN	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor	Vor
63	YADAV ROHIT RAVINDRA	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

2018-19
Course: Entrepreneurship Development

Marks :20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. An individual who initiates, creates and manages a new business can be called _____.
 - A. A leader
 - B. A manager
 - C. An entrepreneur
 - D. A professional
2. Trademarks relate to _____.
 - A. Practice and knowledge acquired through experience
 - B. The protection of proprietary information of commercial value
 - C. The right to reproduce ones own original work
 - D. Brand identity
3. Which could provide an individual with the motivation to start a new business venture?
 - A. The financial rewards.
 - B. A desire to be independent.
 - C. Risk-taking
 - D. All the above.
4. Which of the following factors would not be included in a PESTLE analysis?
 - A. Government re-cycling policy.
 - B. Proposed reduction in interest rates.
 - C. Competitor activity.
 - D. Demographic changes.
5. Which industrial sector tends to naturally promote small-scale businesses and Entrepreneurship, and generally has lower barriers to market entry?
 - A. Service.
 - B. Manufacturing.
 - C. Distribution.
 - D. Agriculture.

6. Why are small businesses important to a country's economy?
- A. They give an outlet for entrepreneurs.
 - B. They can provide specialist support to larger companies.
 - C. They can be innovators of new products.
 - D. All the above.
7. A business arrangement where one party allows another party to use a business name and sell its products or services is known as _____.
- A. A cooperative.
 - B. A franchise.
 - C. An owner-manager business.
 - D. A limited company.
8. Which of the following is the reason for business failure _____?
- A. Lack of market research.
 - B. Poor financial control.
 - C. Poor management.
 - D. All the above.
- 9.
- A. The use of informal networks by entrepreneurs to gather information is known as _____. Secondary research.
 - B. Entrepreneurial networking.
 - C. Informal parameters.
 - D. Marketing
10. Good sources of information for an entrepreneur about competitors can be obtained from _____.
- A. Websites.
 - B. Product information leaflets.
 - C. Company reports and published accounts.
 - D. All the above.
11. A new venture's business plan is important because _____.
- A. It helps to persuade others to commit funding to the venture.
 - B. Can help demonstrate the viability of the venture.
 - C. Provides a guide for business activities by defining objectives.
 - D. All the above.
12. Primary data is _____.
- A. the most important data.
 - B. the data that is collected first.
 - C. new data specifically collected for a project.
 - D. data that is collected second.

13. Innovation can best be defined as _____.
- A. the generation of new ideas.
 - B. the evolution of new ideas.
 - C. the opposite of creativity.
 - D. the successful exploitation of new ideas.
14. Which of these statements best describes the context for entrepreneurship?
- A. Entrepreneurship takes place in small businesses.
 - B. Entrepreneurship takes place in large businesses.
 - C. Entrepreneurship takes place in a wide variety of contexts.
 - D. Entrepreneurship does not take place in social enterprises.
15. Entrepreneurs are motivated by _____.
- A. money.
 - B. personal values.
 - C. pull influences.
 - D. All the above.
16. Which of the following are described as one of the Big Five personality traits?
- A. tolerance of others.
 - B. need for achievement.
 - C. propensity to leadership.
 - D. locus of control.
17. Which of the following is least likely to influence the timing of new business births?
- A. Government policies.
 - B. Profitability.
 - C. Consumer expenditure.
 - D. Weather conditions.
18. Which of the following statements is false?
- A. Market segmentation is a useful process for small businesses to undertake.
 - B. Selling is essentially a matching process.
 - C. A benefit is the value of a product feature to a customer.
 - D. It is a good idea for small businesses to compete solely on price.
19. The purpose of all good small business strategy is _____.
- A. to increase turnover.
 - B. to increase profitability.
 - C. to achieve competitive advantage.
 - D. to achieve stated objectives.
20. Which of the following is a recognized disadvantage of setting up as a start-up as compared with other routes to market entry?
- A. less satisfaction of the owners.
 - B. less help from various agencies.
 - C. there are more funds required.
 - D. there is a high failure rate.

BRAC T's
Vishwakarma College of Arts, Commerce and Science
 Certificate course in Entrepreneurship Development

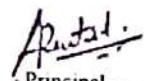
2018-2019

Marksheet

Sr. No	Student Name	Class	Marks
1	JAIN SANYUSHI ASHOK	FYBBA(IB)	16
2	JAMADAR RAIYYAN RAFIQUE	FYBBA(IB)	19
3	SISODI VIRAJ VINOD	TYBBA(IB)	14
4	SONAWANE PRATHAMESH GIRISH	TYBBA(IB)	18
5	GANDHI SHRI YANSHI KIRTI	TYBBA	17
6	GHYA HARSHI SUSHIL	TYBBA	17
7	GHUMNANI TARUN RAJKUMAR	TYBBA	15
8	GUDGILA SAGAR LAXMINARAYAN	TYBBA	19
9	KIRVE YASH AVINASHI	FYBBA(IB)	17
10	KOTIARI VRUSHI JIGNESH	FYBBA(IB)	19
11	KUDALE PRAK PRAKASHI	FYBBA(IB)	16
12	DESHIPANDE SHRI YAS SUSHANT	FYBBA	16
13	DHAMMANI AMID BARKAT	FYBBA	17
14	PARMAR DHIRUV HARSHAD	FYBBA	18
15	DHUMAL PRITHVIRAJ PRAMOD	TYBBA	15
16	KUNCHE TI AISHWARYA SHRINIVAS	SYBA(IB)	17
17	MANAVI RUDRA RAGHAVENDRA	SYBA(IB)	16
18	NAHAR HARSHI JITENDRA	SYBA(IB)	15
19	NAHATA DIVYA SURESHI	SYBA(IB)	17
20	VORA DHIRUV KETAN	FYBBA(IB)	18
21	YADAV ROHIT RAVINDRA	FYBBA(IB)	20
22	BHUBBAL KRISHIKI SHRANGANATH	SYBBA	18
23	BHUBBAL SHUBHAM NANDKUMAR	SYBBA	13
24	BHUBBAL SRUSHI MUKUND	SYBBA	16
25	LAKADE YASHI SUNIL	FYBBA	18
26	HOLE SHRI YA ULHAS	SYBBA	15
27	ASOPA KUNAL DINESH	TYBBA	16
28	KONKATI PRITHVIYANKATESH	FYBBA	17
29	DAMANI JASMINE RAJESH	TYBBA	19
30	MUNOT SEJAL PRAFUL	FYBBA	14
31	CHOPDA NILI RAJKUMAR	SYBA(IB)	17
32	DARAK RAJAT ASHOK	SYBA(IB)	18
33	DESHMUKH AKASH KAILAS	SYBA(IB)	16
34	DESHMUKH SALONI MANOJ	SYBA(IB)	17
35	GAIKWAD OMKAR GANESH	SYBA(IB)	15
36	GAVAI PUSHKARAJ	SYBA(IB)	14
37	BEDSE UTKARSH VINAYAK	TYBBA	19
38	BHANDARI REEVA RAJESH	TYBBA	19
39	BHAVEKAR HRUSHIKESH NAMDEO	TYBBA	16
40	BIHANI KUNAL RADHESHYAM	TYBBA	17
41	BOHARA DIVYA JITENDRA	TYBBA	15

42	JAGTAP OMKAR SUBHASH	SYBBA	16
43	JAGTAP RUPESH RAJENDRA	SYBBA	19
44	JAGTAP SIDDHI RAJENDRA	SYBBA	14
45	JAIN SAKSHI BHERULAL	SYBBA	18
46	JAIN SHUBHAM DHARMENDRA	SYBBA	17
47	JADHAV PAYAL RAHUL	SYBBA	16
48	JAIN RISHABH UMLSHI	TYBBA(IB)	19
49	JAIN SHRI Y KISHOR	TYBBA(IB)	15
50	JAMBHUI KAR SHUBHAM SANJAY	TYBBA(IB)	16
51	MARIAN ROSHAN CYRIL	TYBBA(IB)	18
52	MEMON AYMAN SALIM	TYBBA(IB)	18
53	MUTHA KUSHAL AJIT	TYBBA(IB)	17
54	PALESA VIREN SANJAY	TYBBA	18
55	PALVE SHRIENATH SADASHIV	TYBBA	18
56	PAREKH HARSH HEMESH	TYBBA	15
57	PARKAR FAZAN IMTIYAZ	TYBBA	17
58	PATEL NIRAL JAYANTI	TYBBA	17
59	PATEL ROHAN NARESH	TYBBA	18
60	SAYYED SOHAIL WAHID	TYBBA(IB)	19
61	SAYYED SUFIYAAN JAVED	TYBBA(IB)	14
62	SHAH ROMIL SANDEEP	TYBBA(IB)	17
63	SHARMA HARSHIT MANOJ	TYBBA(IB)	18


HOD


Dr. APUR R. Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.



Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE
(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

VALUE ADDED COURSE
ENTREPRENEURSHIP DEVELOPMENT

This certificate is presented to Mr./Ms. **Bhujbal Shubham** for successfully completing **Entrepreneurship Development**, for the Academic Year 2018-19, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Swati Sathye
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 10/02/2019

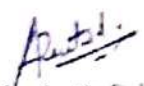
Notice

All students of BBA, BBA(IB), B.Com are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on "Hardware And Software Proficiency" from 18/02/2019 to 26/02/2019 two hours daily at 2:00 pm to 4:00pm.

Attendance is mandatory for all.

Venue: Lab No. 004


HOD
(Commerce)


Principal Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
 Hardware Software Proficiency
 2018-2019
Enrolled Student List

Sr. No	Student Name	Class	SIGN
1	VAGAI SAKSHI MANOJ	TYBCom	[Signature]
2	ZINGADE SAKSHI NAGNAHI	TYBcom	[Signature]
3	PATHAK VIKAS VIJAY	TYBcom	[Signature]
4	BUKKE VIVEKANAND GANGADHAR	TYBcom	[Signature]
5	J MANGYA HARI	TYBcom	[Signature]
6	BAIDOLA NIPUN VIJAYKUMAR	TYBBA (IB)	[Signature]
7	DESHMUKH AMOL WAMANRAO	TYBBA (IB)	[Signature]
8	FERNANDES FLANDER OSCAR	TYBBA (IB)	[Signature]
9	GADHAVE APOORVA CHARUDATTA	TYBBA (IB)	[Signature]
10	JAIN RISHABH UMESH	TYBBA (IB)	[Signature]
11	JAIN SHRI Y KISHOR	TYBBA (IB)	[Signature]
12	JAMBHULKAR SHUBHAM SANJAY	TYBBA (IB)	[Signature]
13	CHAMARTHI SRI CHARAN GUPTA	TYBBA	[Signature]
14	CHANDAK VANDIT MUKUND	TYBBA	[Signature]
15	CHORBEL PRANAL PRAVIN	TYBBA	[Signature]
16	CHORDIYA PRATIK PRAMOD	TYBBA	[Signature]
17	DAMANI JASMINI RAJESH	TYBBA	[Signature]
18	DAVID EAI MALSAWMA	TYBBA	[Signature]
19	TODKAR PRATIK KISHOR	SYBBA (IB)	[Signature]
20	VAIDYA SIDDHI SH RAHUL	SYBBA (IB)	[Signature]
21	WATHARKAR OMKAR SHRIKANT	SYBBA (IB)	[Signature]
22	YALGI ASH HASAN	SYBBA (IB)	[Signature]
23	YASH MAHAVIR BAGMAR	SYBBA (IB)	[Signature]
24	GHODKE SONALI DATTATRAY	SYBBA	[Signature]
25	GUNDECHA MAHAVIR MILIND	SYBBA	[Signature]
26	HOLT SHREYA ULHAS	SYBBA	[Signature]
27	ISSAR HARSH VINAY	SYBBA	[Signature]
28	JADHAV PAYAL RAHUL	SYBBA	[Signature]
29	JADHAV YOGESH ABASAHEB	SYBBA	[Signature]
30	JAGTAP OMKAR SUBHASH	SYBBA	[Signature]
31	JAGTAP RUPESH RAJENDRA	SYBBA	[Signature]
32	JAGTAP SIDDHI RAJENDRA	SYBBA	[Signature]
33	PRANAV ASHKAN	SYBCom	[Signature]
34	RAJBHAR UMESH SALIKRAM	SYBCom	[Signature]
35	RAJPUT VARSHAK UVAR CHHAIL SINGH	SYBCom	[Signature]
36	RATHOD ANJU CHANDAR	SYBCom	[Signature]
37	RAY ARTURAM CHARAN	SYBCom	[Signature]
38	SANGHAVI ISHAN PARESH	SYBCom	[Signature]



Pr. Prof.
 Dr. Anil R. Patil
 Principal
 Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa, Pune-411 048.



BRACT's

Vishwakarma College of Arts, Commerce and Science, Pune

Department of Science

Value Added Course

"HARDWARE AND SOFTWARE PROFICIENCY"

AY 2018-19

Course Objectives:

- This course comprise various course related to computer organization electrical and electronic circuits.
- The course enables then to figure out and fix hardware and network issues related to computers and other such devices.

Duration of the Program:

Certificate course in Hardware and software proficiency is a program for 16 hours of lectures.

Course Content:

Unit no.	Contents	Teaching Hours
1	<ul style="list-style-type: none">• Basics of electronics and microprocessor• PC assembling and troubleshooting	4 Hours
2	<ul style="list-style-type: none">• Communication and soft skills• Hardware Lab-I	4 Hours
3	<ul style="list-style-type: none">• Computer networks• Windows 2003 server administration	4 Hours
4	<ul style="list-style-type: none">• Linux administration• Database administration	4 Hours

Expected Outcome:

Students get and in depth and though knowledge of the computers and its components, along with the complex science of their functions, connectivity and networking.



BRACT's
 Vishwakarma College of Arts, Commerce and Science
 Hardware and Software Proficiency
 AY 2018-19

ATTENDANCE SHEET

Sr. No	Student Name	18/2/19	19/2/19	20/2/19	21/2/19	22/2/19	23/2/19	25/2/19	26/2/19
1	BALDOLA NIPUN VIJAYKUMAR	VB	VB	VB	VB	VB	VB	VB	VB
2	BUKKE VIVEKANAND	VB	VB	VB	VB	VB	VB	VB	VB
3	CHAMARTHI SRECHARAN GUPTA	VB	VB	VB	VB	VB	VB	VB	VB
4	CHANDAKY ANDHI NIKUND	VB	VB	VB	VB	VB	VB	VB	VB
5	CHORBET PRANAL PRAVIN	VB	VB	VB	VB	VB	VB	VB	VB
6	CHORDIA PRATIK PRAMOD	VB	VB	VB	VB	VB	VB	VB	VB
7	DAMANI JASMINE RAJESH	VB	VB	VB	VB	VB	VB	VB	VB
8	DAVIDI AAIMALSAWMA	VB	VB	VB	VB	VB	VB	VB	VB
9	DESHMUKH ASHOK WAMANRAO	VB	VB	VB	VB	VB	VB	VB	VB
10	FERNANDEZ ANDER OSCAR	VB	VB	VB	VB	VB	VB	VB	VB
11	GADHAVE APOORVA	VB	VB	VB	VB	VB	VB	VB	VB
12	GHORKE SONALI DATTATRAY	VB	VB	VB	VB	VB	VB	VB	VB
13	GUINDLCHA MAHAVIR MILIND	VB	VB	VB	VB	VB	VB	VB	VB
14	HOLL SHREYA UTHAS	VB	VB	VB	VB	VB	VB	VB	VB
15	ISSAR HARSH VINIETI	VB	VB	VB	VB	VB	VB	VB	VB
16	JAMANGYAJARIA	VB	VB	VB	VB	VB	VB	VB	VB
17	JADHAV PAYAL RAHUL	VB	VB	VB	VB	VB	VB	VB	VB
18	JADHAV YOGESH ABASAHEB	VB	VB	VB	VB	VB	VB	VB	VB
19	JAGTAPONKAR SUBHASH	VB	VB	VB	VB	VB	VB	VB	VB
20	JAGTAPRIPI SHRAHNDRA	VB	VB	VB	VB	VB	VB	VB	VB
21	JAGTAP SIDDHI RAHNDRA	VB	VB	VB	VB	VB	VB	VB	VB
22	JAIN RISHABH UMESH	VB	VB	VB	VB	VB	VB	VB	VB
23	JAIN SHREYA KISHOR	VB	VB	VB	VB	VB	VB	VB	VB
24	JAMBHULKAR SHUBHAM SANJAY	VB	VB	VB	VB	VB	VB	VB	VB
25	PATHAK VIKAS VIJAY	VB	VB	VB	VB	VB	VB	VB	VB
26	PRANAV LASHKAN	VB	VB	VB	VB	VB	VB	VB	VB
27	RAJBHARTI SHISHAJIKRAM	VB	VB	VB	VB	VB	VB	VB	VB
28	RAJPUTY ARSHADUVAAR	VB	VB	VB	VB	VB	VB	VB	VB
29	RATHOD ANIL CHANDAR	VB	VB	VB	VB	VB	VB	VB	VB
30	RAY ARTHANVIHARAN	VB	VB	VB	VB	VB	VB	VB	VB
31	SANGHAMANJAN PABESH	VB	VB	VB	VB	VB	VB	VB	VB
32	TODKAR PRAVINKISHOR	VB	VB	VB	VB	VB	VB	VB	VB
33	VAGAI NAKSHI MANOJ	VB	VB	VB	VB	VB	VB	VB	VB
34	VAIDYA SIDDHI SHRAHULI	VB	VB	VB	VB	VB	VB	VB	VB
35	WADHAPKAR ONKAR SHRIKANT	VB	VB	VB	VB	VB	VB	VB	VB
36	YADAV ASHUTOSAN	VB	VB	VB	VB	VB	VB	VB	VB
37	YAGTI MAHAVIR BAGMAR	VB	VB	VB	VB	VB	VB	VB	VB
38	ZINGALE NAKSHI NAGNATH	VB	VB	VB	VB	VB	VB	VB	VB



BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

AY-2018-2019

Course : Hardware and Software proficiency

Marks :20 M

[1X20=20 Mark]

Q.1 Attempt all questions

1. Software is defined as _____

- a) set of programs, documentation & configuration of data
- b) set of programs
- c) documentation and configuration of data
- d) None of the mentioned

2. What is Software Engineering?

- a) Designing a software
- b) Testing a software
- c) Application of engineering principles to the design a software
- d) None of the above

3. Who is the father of Software Engineering?

- a) Margaret Hamilton
- b) Watts S. Humphrey
- c) Alan Turing
- d) Boris Beizer

4. What are the features of Software Code?

- a) Simplicity
- b) Accessibility
- c) Modularity
- d) All of the above

5. _____ is a software development activity that is not a part of software processes.

- a) Validation
- b) Specification
- c) Development
- d) Dependence

6. Define Agile scrum methodology.

- a) project management that emphasizes incremental progress
- b) project management that emphasizes decremental progress
- c) project management that emphasizes neutral progress
- d) project management that emphasizes no progress

7. CASE stands for

- a) Computer-Aided Software Engineering
- b) Control Aided Science and Engineering
- c) Cost Aided System Experiments
- d) None of the mentioned

8. _____ is defined as the process of generating analysis and designing documents?

- a) Re-engineering
- b) Reverse engineering
- c) Software re-engineering
- d) Science and engineering

9. The activity that distributes estimated effort across the planned project duration by allocating the effort to specific software developing tasks is _____

- a) Project scheduling
- b) Detailed schedule
- c) Macroscopic schedule
- d) None of the mentioned

10. What is a Functional Requirement?

- a) specifies the tasks the program must complete
- b) specifies the tasks the program should not complete
- c) specifies the tasks the program must not work
- d) All of the mentioned

11. Why do bugs and failures occur in software?

- a) Because of Developers
- b) Because of companies
- c) Because of both companies and Developers
- d) None of the mentioned

12. Attributes of good software is _____

- a) Development
- b) Maintainability & functionality
- c) Functionality
- d) Maintainability

13. The Cleanroom philosophy was proposed by _____

- a) Linger
- b) Mills
- c) Dyer
- d) All of the Mentioned

14. What does SDLC stands for?

- a) System Design Life Cycle
- b) Software Design Life Cycle
- c) Software Development Life Cycle
- d) System Development Life cycle

15. Who proposed the spiral model?

- a) Barry Boehm
- b) Pressman
- c) Royce
- d) IBM

16. _____ is not among the eight principles followed by the Software Code of Ethics and Professional Practice.

- a) PRODUCT
- b) ENVIRONMENT
- c) PUBLIC
- d) PROFESSION

17. Which of the following are CASE tools?

- a) Central Repository
- b) Integrated Case Tools
- c) Upper Case Tools
- d) All of the mentioned

18. _____ suits the Manifesto for Agile Software Development.

- a) Customer collaboration
- b) Individuals and interactions
- c) Working software
- d) All of the mentioned

19. Software patch is defined as _____

- a) Daily or routine Fix
- b) Required or Critical Fix
- c) Emergency Fix
- d) None of the mentioned

20. _____ software development team has no permanent leader.

- a) Controlled Centralized (CC)
- b) Controlled decentralized (CD)
- c) Democratic decentralized (DD)
- d) None of the mentioned

BRACT's
Vishwakarma College of Arts, Commerce and Science
 Hardware Software Proficiency

2018-2019

Marksheet

Sr. No	Student Name	Class	Marks
1	VAGAI SAKSHI MANOJ	TYBCom	19
2	ZINGADI SAKSHI NAGNATH	TYBcom	14
3	PATHAK VIKAS VIJAY	TYBcom	18
4	BURKE VIVEKANAND GANGADHAR	TYBcom	17
5	J MANGYA HARIA	TYBcom	19
6	BALDOTA NIPUN VIJAYKUMAR	TYBBA (IB)	16
7	DESHMUKH AMOL WAMANRAO	TYBBA (IB)	18
8	FERNANDES FLANDER OSCAR	TYBBA (IB)	18
9	GADHAVI APOORVA CHARUDATTA	TYBBA (IB)	17
10	JAIN RISHABH UMESH	TYBBA (IB)	16
11	JAIN SHRI Y KISHOR	TYBBA (IB)	15
12	JAMBHULI KAR SHUBHAM SANJAY	TYBBA (IB)	17
13	CHAMARTHI SRI CHARAN GUPTA	TYBBA	16
14	CHANDAK VANDIT MUKUND	TYBBA	15
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17	DAMANI JASMINE RAJESH	TYBBA	16
18	DAVID LALMAL SAWMA	TYBBA	17
19	TODKAR PRATIK KISHOR	SYBBA (IB)	16
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22	YALGI ASIF HASAN	SYBBA (IB)	17
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30	JAGTAP OMKAR SUBHASHI	SYBBA	16
31	JAGTAP RUPESH RAJENDRA	SYBBA	16
32	JAGTAP SIDDHI RAJENDRA	SYBBA	14
33	PRANAV LASHIKAN	SYBCom	19
34	RAJBHAR UMESH SALIKRAM	SYBCom	19
35	RAJPUT VARSHAKUVAR CHHAILSINGH	SYBCom	16
36	RATHOD ANJU CHANDAR	SYBCom	18
37	RAY ARTI RAMCHARAN	SYBCom	13
38	SANGHAVI ISHAN PARESH	SYBCom	16

for Signature
 HOD

Dr. Arun B. Patil
 Principal
 PRINCIPAL

Vishwakarma College of Arts,
 Commerce & Science
 Kondhwa(Bk.), Pune-411 048.

Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)

NAAC ACCREDITED WITH B+ GRADE

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



CERTIFICATE

ADD ON COURSE

HARDWARE AND SOFTWARE PROFICIENCY

This certificate is presented to Mr./Ms. **Todkar Pratik** for successfully completing **Hardware and Software Proficiency**, for the Academic Year 2019-20, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

Prof. Anjum A. Patel
Co-ordinator - IQAC

Dr. Shital P. Mantri
HOD - Commerce
Department

Prof. Sudhir D. Chitnis
HOD - Computer
Science Department

Dr. Arun R. Patil
Principal



BRACT'S
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,
PUNE

Date: 02/01/2019


Notice

All students of BSc (CS) , BBA(CA) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized ADD ON Course on “ **Certificate course in Website designing and PHP (32 hours)**” form 08/1/2019 to 10/01/2019 two hours daily at 10:00 am to 12:00pm.

Attendance is mandatory for all.

Venue-Hall no. 004


HOD
(Science)


Principal
Dr. Arun R. Patil
PRINCIPAL
Vishwakarma College of Arts,
Commerce & Science
Kondhwa(Bk.), Pune-411 048.

BRACT's
Vishwakarma College of Arts, Commerce and Science
Add On Course on "Website Designing and PHP" 2018-2019
ATTENDENCE SHEET (Daily 3 hrs)

Sr. No	Student Name	Class	Sign
1	ADSUL MAYURI SANTRAM	TYBSc(CS)	<i>Mayuri</i>
2	ANANDRAJ P ABEL	TYBSc(CS)	<i>Abel</i>
3	BADE AARTI SAMBHAJI	TYBSc(CS)	<i>Aarti</i>
4	BADGUJAR VAIBHAV VINAYAK	TYBSc(CS)	<i>Vinayak</i>
5	BARHATE HARSHADA DATTA TRAY	TYBSc(CS)	<i>Harshada</i>
6	BHOSALE RIHESH VITTHAL	TYBSc(CS)	<i>Rihesh</i>
7	CHAVAN POOJA TANAJI	TYBSc(CS)	<i>Pooja</i>
8	CHIKANE YUVRAJ SANJAY	TYBSc(CS)	<i>Yuvraj</i>
9	DALE SUPRIYA BHUSAHEB	TYBSc(CS)	<i>Supriya</i>
10	DAREKAR SNEHAL SANDEEP	TYBSc(CS)	<i>Snehal</i>
11	DAYAMA DIKSHA SANJAY	TYBSc(CS)	<i>Diksha</i>
12	DESAI SIDDARTH GIRISH	TYBSc(CS)	<i>Siddarth</i>
13	DESHMUKH MAMTA SHANKARRAO	TYBSc(CS)	<i>Mamta</i>
14	DESHMUKH TANUJA NIJALINGAPPA	TYBSc(CS)	<i>Tanuja</i>
15	GAIKWAD SACHIN SURESH	TYBSc(CS)	<i>Sachin</i>
16	GAJARE SIDDHIKA POPAT	TYBSc(CS)	<i>Siddhika</i>
17	GAWADE DAKSHATA ANAND	TYBSc(CS)	<i>Dakshata</i>
18	GHODKE ROHAN RAJENDRA	TYBSc(CS)	<i>Rohan</i>
19	ASAD AYUB PARKAR	TYBBA(CA)	<i>Ayub</i>
20	BADADE PRAJAKTA RAMCHANDRA	TYBBA(CA)	<i>Prajakta</i>
21	BARI MAYURI NANDU	TYBBA(CA)	<i>Mayuri</i>
22	BATCHU RANI AKHILA VENKATA	TYBBA(CA)	<i>Rani</i>
23	BHANDARI SWATI NARSING	TYBBA(CA)	<i>Swati</i>
24	BONDKAR PUSHIKAR DASHRATHI	TYBBA(CA)	<i>Pushikar</i>
25	BOORLA NARESH DEVDAS	TYBBA(CA)	<i>Naresh</i>
26	DALVI MANGESH DNYANESHWAR	TYBBA(CA)	<i>Mangesh</i>
27	DANGI TEJAS DINESH	TYBBA(CA)	<i>Tejas</i>
28	DHAGE MAKRAND ISHIWAR	TYBBA(CA)	<i>Makrand</i>
29	DONGARE VISHAL BANARAS	TYBBA(CA)	<i>Vishal</i>
30	EUGENIO DA GRACA ANTONIO	TYBBA(CA)	<i>Eugenio</i>
31	GOSAVI BHASKAR AJAY	TYBBA(CA)	<i>Bhaskar</i>
32	KORADE REVATI NARSING	TYBBA(CA)	<i>Revati</i>
33	PAZARE YOGESH MILIND	TYBBA(CA)	<i>Yogesh</i>
34	SIHETE RACHANA DHANANJAY	TYBBA(CA)	<i>Rachana</i>



Arun R. Patil
Dr. Arun R. Patil
PRINCIPAL
Vishwakarma College of Arts,
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Kondhwa(Bk.), Pune-411 048.



BRACT's
Vishwakarma College of Arts, Commerce and Science, Pune

Department of Science

Add On Course on

WEBSITE DESIGNING AND PHP

AY 2018-19

Course Objectives:

To develop the concept on web designing and development using server PHP and database as My SQL.

Duration of the Program:

Certificate course in Website designing and PHP is a program for 32 hours of lectures.

Course Content:

Unit no.	Contents	Teaching Hours
1	<ul style="list-style-type: none">• Introduction to PHP• Introduction to Ajax	8 Hours
2	<ul style="list-style-type: none">• OOPS concept in PHP• Concept of MySQL database	8 Hours
3	<ul style="list-style-type: none">• Web application architecture• HTML, CSS, PHP to build a website	8 Hours
4	<ul style="list-style-type: none">• Adobe Dreamweaver and how to set up a sitemap, create a website with multiple pages, to create a form and publish the sites using the same.• Database connectivity with My SQL	4 Hours

5	<ul style="list-style-type: none">• Database programming using PHP and MYSQL• Concept of CMS	4 Hours
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Expected Outcome:

Students will get necessary knowledge to design and develop dynamic, database-driven web pages using PHP that powers many websites.



Sr. No	Student Name	21	91	101	111	141	151	161	171	181	211
25	BOORLA NARI SHI VIDAS	Boorla	Boorla	M	Boorla	Boorla	Boorla	Boorla	Boorla	Boorla	Boorla
26	DALVI MANGESH DNYANI SHWAR	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi
27	DANGI TEJAS DINESH	Dangi	Dangi	Dangi	Dangi	Dangi	Dangi	Dangi	Dangi	Dangi	Dangi
28	DHAGE MAKRAND ISHWAR	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage
29	DONGARI VISHAL BANARAS	Dongari	Dongari	Dongari	Dongari	Dongari	Dongari	Dongari	Dongari	Dongari	Dongari
30	EUGENIO DA GRACA ANTONIO	Graca	Graca	Graca	Graca	Graca	Graca	Graca	Graca	Graca	Graca
31	GOSAVI BHASKAR AJAY	Gosavi	Gosavi	Gosavi	Gosavi	Gosavi	Gosavi	Gosavi	Gosavi	Gosavi	Gosavi
32	KORADI REVATI NARSING	Koradi	Koradi	Koradi	Koradi	Koradi	Koradi	Koradi	Koradi	Koradi	Koradi
33	PAZARE YOGI SH MILIND	Pazare	Pazare	Pazare	Pazare	Pazare	Pazare	Pazare	Pazare	Pazare	Pazare
34	SHETE RACHANA DHANANJAY	Shete	Shete	Shete	Shete	Shete	Shete	Shete	Shete	Shete	Shete





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,
PUNE

2018-19
Course: Website Designing and PHP

Marks: 20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. What is PHP?
 - a) PHP is an open-source programming language
 - b) PHP is used to develop dynamic and interactive websites
 - c) PHP is a server-side scripting language
 - d) All of the mentioned
2. Who is the father of PHP?
 - a) Drek Kolkevi
 - b) Rasmus Lerdorf
 - c) Willam Makepiece
 - d) List Barely
3. What does "PHP" stand for?
 - a) PHP stands for Preprocessor Home Page
 - b) PHP stands for Pretext Hypertext Processor
 - c) PHP stands for Hypertext Preprocessor
 - d) PHP stands for Personal Hyper Processor
4. Which of the following is the correct syntax to write a PHP code?
 - a) <?php ?>
 - b) < php >
 - c) < ? php ?>
 - d) <? ?>
5. Which of the following is the correct way to add a comment in PHP code?
 - a) #
 - b) //
 - c) /* */
 - d) All of the mentioned
6. Which of the following is the default file extension of PHP files?
 - a) .php
 - b) .ph
 - c) .xml
 - d) .html

7. How to define a function in PHP?
- a) functionName(parameters) {function body}
 - b) function {function body}
 - c) function functionName(parameters) {function body}
 - d) data type functionName(parameters) {function body}
8. Which is the right way of declaring a variable in PHP?
- a) \$3hello
 - b) \$_hello
 - c) \$this
 - d) \$5_Hello
9. How many functions does PHP offer for searching and modifying strings using Perl-compatible regular expressions?
- a) 10
 - b) 7
 - c) 8
 - d) 9
10. Which of the following PHP functions can be used to get the current memory usage?
- a) memory_get_usage()
 - b) memory_get_peak_usage()
 - c) get_peak_usage()
 - d) get_usage()
11. Which one of the following PHP function is used to determine a file's last access time?
- a) filetime()
 - b) fileatime()
 - c) fileltime()
 - d) filectime()
12. PHP recognizes constructors by the name _____
- a) function __construct()
 - b) function _construct()
 - c) classname()
 - d) _construct()
13. The developers of PHP deprecated the safe mode feature as of which PHP version?
- a) PHP 5.3.1
 - b) PHP 5.3.0
 - c) PHP 5.1.0
 - d) PHP 5.2.0
14. What does PDO stand for?
- a) PHP Database Orientation
 - b) PHP Data Orientation
 - c) PHP Data Object
 - d) PHP Database Object

15. Which version of PHP introduced the advanced concepts of OOP?
- a) PHP 6
 - b) PHP 4
 - c) PHP 5
 - d) PHP 5.3
16. Which one of the following is the default PHP session name?
- a) PHPSESSIONID
 - b) PHPIDSESS
 - c) PHPSESSID
 - d) PHPSESID
17. Which PHP function displays the web page's most recent modification date?
- a) getlastmod()
 - b) get_last_mod()
 - c) lastmod()
 - d) last_mod()
18. Which variable is used to collect form data sent with both the GET and POST methods?
- a) \$_BOTH
 - b) \$REQUEST
 - c) \$_REQUEST
 - d) \$BOTH
19. If `$a = 12` what will be returned when `($a == 12) ? 5 : 1` is executed?
- a) 1
 - b) 5
 - c) 12
 - d) Error

20. . What will be the output of the following PHP program?


- ```
1. <?php
2. $i=5;
3. while(--$i>0&&++$i)
4. {
5. print$i;
6. }
7. ?>
```
- a) 555555555...infinitely
  - b) 54321
  - c) error
  - d) 5



**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science**  
**2018-19**  
**Website Designing and PHP**  
**Marksheet**

| Sr. No | Student Name                 | Class     | Marks |
|--------|------------------------------|-----------|-------|
| 1      | ADSUL MAYURI SANTRAM         | TYBSc(CS) | 15    |
| 2      | ANANDRAJ P ABEL              | TYBSc(CS) | 16    |
| 3      | BADE AARTI SAMHAJI           | TYBSc(CS) | 18    |
| 4      | BADGUJAR VAIBHAV VINAYAK     | TYBSc(CS) | 18    |
| 5      | BARHATE HARSHADA DATTATRAY   | TYBSc(CS) | 16    |
| 6      | BHOSALE RITESH VIITHAL       | TYBSc(CS) | 18    |
| 7      | CHAVAN POOJA TANAJI          | TYBSc(CS) | 18    |
| 8      | CHIKANE YUVRAJ SANJAY        | TYBSc(CS) | 16    |
| 9      | DALE SUPRIYA BHAUSAHEB       | TYBSc(CS) | 18    |
| 10     | DAREKAR SNEHAL SANDEEP       | TYBSc(CS) | 16    |
| 11     | DAYAMA DIKSHA SANJAY         | TYBSc(CS) | 18    |
| 12     | DESAI SIDDARTH GIRISH        | TYBSc(CS) | 19    |
| 13     | DESHMUKH MAMTA SHANKARRAO    | TYBSc(CS) | 16    |
| 14     | DESHMUKH TANUJA NIJALINGAPPA | TYBSc(CS) | 16    |
| 15     | GAIKWAD SACHIN SURESH        | TYBSc(CS) | 17    |
| 16     | GAJARE SIDDHIKA POPAT        | TYBSc(CS) | 17    |
| 17     | GAWADE DAKSHIATA ANAND       | TYBSc(CS) | 18    |
| 18     | GHODKE ROHAN RAJENDRA        | TYBSc(CS) | 16    |
| 19     | ASAD AYUB PARKAR             | TYBBA(CA) | 15    |
| 20     | BADADE PRAJAKTA RAMCHANDRA   | TYBBA(CA) | 19    |
| 21     | BARI MAYURI NANDU            | TYBBA(CA) | 16    |
| 22     | BATCHU RANI AKHILA VENKATA   | TYBBA(CA) | 16    |
| 23     | BHANDARI SWATI NARSING       | TYBBA(CA) | 17    |
| 24     | BONDKAR PUSHKAR DASHRATH     | TYBBA(CA) | 16    |
| 25     | BOORLA NARESH DEVDAS         | TYBBA(CA) | 19    |
| 26     | DALVI MANGESH DNYANESHWAR    | TYBBA(CA) | 18    |
| 27     | DANGI TEJAS DINESH           | TYBBA(CA) | 17    |
| 28     | DHAGE MAKRAND ISHWAR         | TYBBA(CA) | 17    |
| 29     | DONGARE VISHAL BANARAS       | TYBBA(CA) | 18    |
| 30     | EUGENIO DA GRACA ANTONIO     | TYBBA(CA) | 19    |
| 31     | GOSAVI BHASKAR AJAY          | TYBBA(CA) | 16    |
| 32     | KORADE REVATI NARSING        | TYBBA(CA) | 19    |
| 33     | PAZARE YOGESH MILIND         | TYBBA(CA) | 16    |
| 34     | SHETE RACHANA DHANANJAY      | TYBBA(CA) | 18    |

  
HOD

  
Principal  
**Dr. Arun R. Patil**  
**PRINCIPAL**  
 Vishwakarma College of Arts,  
 Commerce & Science  
 Kondhwa(Bk.), Pune-411 048.

*Bansilal Ramnath Agarwal Charitable Trust's*

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**

*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

ADD ON COURSE

**WEBSITE DESIGNING AND PHP**

This certificate is presented to Mr./Ms. **Deshmukh Tanuja** for successfully completing **Website Designing and PHP**, for the Academic Year 2018-19, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**

Co-ordinator - IQAC

**Swati Sathye**

HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**

HOD - Computer  
Science Department

**Dr. Arun R. Patil**

Principal





**BRACT'S**  
**VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,**  
**PUNE**

**Date: 30/07/2018**

**Notice**


All students of TYBSc (CS) ,TYBBA (CA), FYMSc(CS), SYMSc (CS) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on “ **Certificate course in Data Science and Machine Learning(30 hours)**” from 06/08/2018 to ~~17~~08/2018 three hours daily at 8:00 am to 10:00am.

Attendance is mandatory for all.

Venue-Hall no. 004

  
**HOD**

**(Science)**

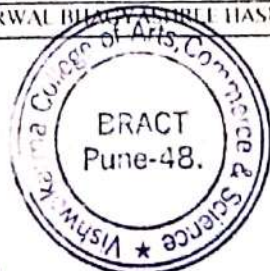
  
**Principal**  
Dr. Arun R. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.

**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science**  
 Data Science and Machine Learning

2018-2019

**Enrolled Student List**

| Sr. No | Student Name                   | Class     | SIGN       |
|--------|--------------------------------|-----------|------------|
| 1      | NEDARPALLY STEVEN ANTHONY      | SYMSc(CS) | Anthony    |
| 2      | PANSARI PRATIKSHA KAILAS       | SYMSc(CS) | Pratiksha  |
| 3      | PARPATEKAR SHIVIA THOMAS       | SYMSc(CS) | Shivia     |
| 4      | PATIL SIDDHARTH SAMBHAJIRAO    | SYMSc(CS) | Siddharth  |
| 5      | PERIYALAZARUS PETER            | SYMSc(CS) | Peter      |
| 6      | PHULPAK ASHWIN SOMNATH         | SYMSc(CS) | Ashwin     |
| 7      | PIITAI SRUTHI SURENDRAN        | SYMSc(CS) | Sruthi     |
| 8      | PISAL POORVA PURUSHOTTAM       | SYMSc(CS) | Poorva     |
| 9      | RAMGHARIA SIMRAN KAUR AHI      | SYMSc(CS) | Simran     |
| 10     | RAMSHI TIYRINUKA BHIMRAO       | SYMSc(CS) | Ramshi     |
| 11     | SHAIK DEEPI SHRI NIK           | SYMSc(CS) | DeePi      |
| 12     | DAIVI MANGESH DNYANESHWAR      | TYBBA(CA) | Mangesh    |
| 13     | DANGI TEJAS DINESH             | TYBBA(CA) | Tejas      |
| 14     | KANEKAR VAISHNAVI UMESHRAO     | TYBBA(CA) | Vaishnavi  |
| 15     | KORADE RIVATI NARSING          | TYBBA(CA) | Rivati     |
| 16     | MAHANVAR MAHANANDA ANIL        | TYBBA(CA) | Mahananda  |
| 17     | NAGAIKAR HRISHIKESH DATATRAY   | TYBBA(CA) | Hrishikesh |
| 18     | NAWAL VASUNDHARA JAYPRAKASHI   | TYBBA(CA) | Nawal      |
| 19     | PATIL JAGRUTI RAJKUMAR         | TYBBA(CA) | Jagruti    |
| 20     | PATIL NIRBHAY MILIND           | TYBBA(CA) | Nirbhay    |
| 21     | PATIL SUYOG SANJAY             | TYBBA(CA) | Suyog      |
| 22     | SNEHI JAGDALE                  | TYBBA(CA) | Snehi      |
| 23     | BHOSALE RITESH VITTHAL         | TYBSc(CS) | Ritesh     |
| 24     | CHAVAN POOJA TANAJI            | TYBSc(CS) | Pooja      |
| 25     | CHIKANE YUVRAJ SANJAY          | TYBSc(CS) | Yuvraj     |
| 26     | DALE SUPRIYA BHAUSAHEB         | TYBSc(CS) | Supriya    |
| 27     | DAREKAR SNEHAL SANDEEP         | TYBSc(CS) | Snehal     |
| 28     | GAIKWAD DEEPAK VIJAY           | TYBSc(CS) | Deepak     |
| 29     | GAIKWAD SACHIN SURESH          | TYBSc(CS) | Sachin     |
| 30     | HALDANKAR BHUSHAN BALKRISHNA   | TYBSc(CS) | Bhushan    |
| 31     | JADHAV CHITRANSHI VITTHAL      | TYBSc(CS) | Chitranshi |
| 32     | JAGTAP ASMITA SUBHASHI         | TYBSc(CS) | Asmita     |
| 33     | JAIN DHANRAJ RAJENDRA          | TYBSc(CS) | Dhanraj    |
| 34     | JAIN MAHIMA SURESH             | TYBSc(CS) | Mahima     |
| 35     | JAIN MANALI ASHOK              | TYBSc(CS) | Manali     |
| 36     | JAIN PRIYANKA VIJAY            | TYBSc(CS) | Priyanka   |
| 37     | HIREMATHI PRACHI RAJESH        | FYMSc(CS) | Prachi     |
| 38     | JAGTAP KALYANI RAJENDRA        | FYMSc(CS) | Kalyani    |
| 39     | JAGTAP MAYUR ANIL              | FYMSc(CS) | Mayur      |
| 40     | JALLAPETI SHIRYASHI RAJENDRA   | FYMSc(CS) | Shiryashi  |
| 41     | LIMBORT GAURAV RAMISHI         | FYMSc(CS) | Gaurav     |
| 42     | MALUSARE AKSHAY ANANTA         | FYMSc(CS) | Akshay     |
| 43     | MALUSARE ANJAN SADASHIV        | FYMSc(CS) | Anjan      |
| 44     | PORWAL BHAVESH RAJESH HASMUKHI | FYMSc(CS) | Bhavesh    |



*Arundh*  
 Dr. Arun R. Patil  
 PRINCIPAL  
 Vishwakarma College of Arts,  
 Commerce & Science  
 Kondhwa(Bk.), Pune-411 048.



INSTRUCTIONS

Massachusetts College of Art and Design, Boston, MA  
Department of Education

Student Admission Letter

ADMISSION AND ORIENTATION

(MTC-10)

Admission Requirements

- Completion of high school or equivalent
- Minimum GPA of 2.0 (C average) for admission
- Submission of a completed application form
- Submission of a letter of recommendation from a teacher or counselor

Admission Process

Students should submit their application materials to the Admissions Office at the following address:

Admission Office

| Section | Course              | Prerequisite        |
|---------|---------------------|---------------------|
| 1       | Introduction to Art | None                |
| 2       | Art History         | None                |
| 3       | Advanced Drawing    | Introduction to Art |
| 4       | Advanced Sculpture  | Introduction to Art |
| 5       | Advanced Ceramics   | Introduction to Art |

Admission Letter

- This letter is valid for one year from the date of issuance.
- It is subject to change without notice.
- It is not transferable to other institutions.

*[Handwritten signature]*







| Sr. No | Student Name                |             |             |             |             |             |             |             |             |             |             |             |             |             |
|--------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 29     | NEDARPALI Y STEVEN ANTHONY  | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     | Anthony     |
| 30     | PANSARE PRATIKSHA KAILAS    | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     | Pansare     |
| 31     | PARPATKAR SILVIA THOMAS     | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      | Siliva      |
| 32     | PATIL JAGRUTI RAJKUMAR      | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       |
| 33     | PATIL NIRBHAY MILIND        | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     | Nirbhay     |
| 34     | PATIL SIDDHARTH SAMBHAJIRAO | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       | Patil       |
| 35     | PATIL SUYOG SANJAY          | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       | Suyog       |
| 36     | PIRI IRA LAZARUS PETER      | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       | Peter       |
| 37     | PHILIPAK ASHWIN SOMNATH     | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      | Ashwin      |
| 38     | PILLAI SRUTHI SURENDRAN     | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      | Sruthi      |
| 39     | PISAL POORVA PURUSHOTTAM    | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      | Poorna      |
| 40     | PORWAL BHAGYASHREE          | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree | Bhagyashree |
| 41     | RAMGHARIA SIMRAN KAUR AJI   | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      | Simran      |
| 42     | RAMSHILTY RENUKA BHIMIRAO   | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      | Renuka      |
| 43     | SHAH DEEPA SHRENIK          | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        | Shah        |
| 44     | SNEHIL JAGDALE              | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      | Snehil      |





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE

2018-19  
Course: Data Science and Machine Learning

Marks: 20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. Data science is the process of diverse set of data through ?

- A. organizing data
- B. processing data
- C. analysing data
- D. All of the above

2. The modern conception of data science as an independent discipline is sometimes attributed to?

- A. William S.
- B. John McCarthy
- C. Arthur Samuel
- D. Satoshi Nakamoto

3. Which of the following language is used in Data science?

- A. C
- B. C++
- C. R
- D. Ruby

4. Which of the following is false?

- A. Subsetting can be used to select and exclude variables and observations
- B. Raw data should be processed only one time.
- C. Merging concerns combining datasets on the same observations to produce a result with more variables
- D. None Of the above

5. What is the work of Data Architect?

- A. utilize large data sets to gather information that meets their company's needs
- B. work with businesses to determine the best usage of the information yielded from data
- C. build data solutions that are optimized for performance and design applications
- D. All of the above

6. Which of the following are correct skills for a Data Scientist?

- A. Probability & Statistics
- B. Machine Learning / Deep Learning
- C. Data Wrangling
- D. All of the above



**7. Which of the following are correct component for data science?**

- A. Data Engineering
- B. Advanced Computing
- C. Domain expertise
- D. All of the above

**8. Which of the following is not a part of data science process?**

- A. Discovery
- B. Model Planning
- C. Communication Building
- D. Operationalize

**9. Which of the following are the Data Sources in data science?**

- A. Structured
- B. UnStructured
- C. Both A and B
- D. None Of the above

**10. Which of the following is not a application for data science?**

- A. Recommendation Systems
- B. Image & Speech Recognition
- C. Online Price Comparison
- D. Privacy Checker

**11. Point out the correct statement.**

- A. Raw data is original source of data
- B. Preprocessed data is original source of data
- C. Raw data is the data obtained after processing steps
- D. None of the above

**12. Which of the following is one of the key data science skills?**

- A. Statistics
- B. Machine Learning
- C. Data Visualization
- D. All of the above

**13. Which of the following is a key characteristic of a hacker?**

- A. Afraid to say they don't know the answer
- B. Willing to find answers on their own
- C. Not willing to find answers on their own
- D. All of the above

**14. Raw data should be processed only one time.**

- A. True
- B. False
- C. Can be true or false
- D. Can not say

**15. Which of the following is the common goal of statistical modeling?**

- A. Inference
- B. Summarizing
- C. Subsetting
- D. None of the above

16. Causal analysis is commonly applied to census data.

- A. True
- B. False
- C. Can be true or false
- D. Can not say

17. Which of the following model is usually a gold standard for data analysis?

- A. Inferential
- B. Descriptive
- C. Causal
- D. All of the above

18. Which of the following is a revision control system?

- A. Git
- B. Numpy
- C. Scipy
- D. Slidify

19. Which of the following step is performed by data scientist after acquiring the data?

- A. Data Cleaning
- B. Data Integration
- C. Data Replication
- D. All of the above

20. Which of the following focuses on the discovery of (previously) unknown properties on the data?

- A. Data mining
- B. BigData
- C. Data wrangling
- D. Machine Learning



**DRAC'T'S**  
**Vishwakarma College of Arts, Commerce and Sciences**

Date Recd. and Written Learning

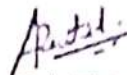
2024-2025

**MARK SHEET**

| Sr. No. | Students Name                  | Course       | Marks |
|---------|--------------------------------|--------------|-------|
| 1       | NEEDHAR K. P. SURESH KANTHARAO | Computer Sci | 15    |
| 2       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 3       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 4       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 5       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 6       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 7       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 8       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 9       | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 10      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 11      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 12      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 13      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 14      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 15      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
| 16      | PRANAV K. P. SURESH KANTHARAO  | Computer Sci | 15    |
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|    |                             |           |    |
|----|-----------------------------|-----------|----|
| 42 | MALUSARE AKSHAY ANANTA      | FYMSc(CS) | 18 |
| 43 | MALUSARE ANJAN SADASHIV     | FYMSc(CS) | 17 |
| 44 | PORWAL BHAGYASHREE HASMUKHI | FYMSc(CS) | 17 |

  
HOD

  
Dr. **Principal**  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.





*Bansilal Ramnath Agarwal Charitable Trust's*  
**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**  
*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE

**DATA SCIENCE AND MACHINE LEARNING**

This certificate is presented to Mr./Ms. **Limbore Gaurav** for successfully completing **Data Science and Machine Learning**, for the Academic Year 2018-19, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**  
Co-ordinator - IQAC

**Swati Sathye**  
HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**  
HOD - Computer  
Science Department

**Dr. Arun R. Patil**  
Principal



BRACT'S  
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,  
PUNE


Date: 11/09/2018


Notice

All students of FYMSc(CS), SYMSc (CS) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on " Certificate course in Hands On IOT(30 hours)" from 17/09/2018 to 28/09/2018 three hours daily at 8:00 am to 11:00am.

Attendance is mandatory for all.

Venue-Hall no. 005

  
HOD  
(Science)

  
Principal  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(BK), Pune-411 048



**BRAC's**  
**Vishwakarma College of Arts, Commerce and Science**

Regd. no. 027

2014-2015

**Enrolled Student List**

| Sr. No | Student Name                  | Class    | Sign        |
|--------|-------------------------------|----------|-------------|
| 1      | DOVANDI R. SURESH KAVI        | EXAM 1-1 | [Signature] |
| 2      | UJAYANTHI DOVANDI SURESH KAVI | EXAM 1-1 | [Signature] |
| 3      | UJAYANTHI DOVANDI SURESH KAVI | EXAM 1-1 | [Signature] |
| 4      | UJAYANTHI DOVANDI SURESH KAVI | EXAM 1-1 | [Signature] |
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| 41     | UJAYANTHI DOVANDI SURESH KAVI | EXAM 1-1 | [Signature] |

|    |                           |            |          |
|----|---------------------------|------------|----------|
| 42 | PARPATEKAR SILVIA THOMAS  | SYMSci(CS) | Silvia   |
| 43 | KADAM RAJGAURI SHASHIKANT | SYMSci(CS) | Rajgauri |
| 44 | KAPADNIS SHALAKA SANJEEV  | SYMSci(CS) | Shalaka  |
| 45 | KATE ASMITA AVINASHI      | SYMSci(CS) | A. Kate  |
| 46 | KATE TULAJI RAM SUBRAO    | SYMSci(CS) | T.K.     |
| 47 | KHAN RUKSAR AYAZ          | SYMSci(CS) | Ruksar   |
| 48 | SURVASE SANDIYA PRABHAKAR | SYMSci(CS) | Sandiya  |
| 49 | TAMBOLI RAMEEZ SADIQ      | SYMSci(CS) | Rameez   |
| 50 | TILAK RAIPUTI             | SYMSci(CS) | R.I.     |
| 51 | VANNAMHEMANT VIJAY        | SYMSci(CS) | VHV      |
| 52 | ZAINAB MAQSUD             | SYMSci(CS) | Maqsud   |



Dr. Arun R. Patil  
 PRINCIPAL  
 Vishwakarma College of Arts,  
 Commerce & Science  
 Kondhwa(Bk.), Pune-411 048.





**BRACT's**

**Vishwakarma College of Arts, Commerce and Science, Pune**

**Department of Science**

**Value Added Course**

**HANDS ON IOT**

**AY 2018-19**

**Course Objectives:**

Students will be explored to the interconnection and integration of the physical world and the cyber space. They are also able to design and develop IOT Device.

**Duration of the Program:**

Certificate course in Artificial Intelligence is a s program for 30 hours of lecture.

**Course Content:**

| Unit no. | Contents                                                                                                                                                                                                                                     | Teaching Hours |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1        | <ul style="list-style-type: none"><li>• Introduction to Internet of Things</li><li>• The Arduino platform</li><li>• Embedded C for AVR</li></ul>                                                                                             | 6 Hours        |
| 2        | <ul style="list-style-type: none"><li>• Reading from sensors</li><li>• Talking to your android phone with Arduino</li><li>• Connecting Arduino with mobile device</li></ul>                                                                  | 6 Hours        |
| 3        | <ul style="list-style-type: none"><li>• Integrating ESP modules and testing DHCP connections</li><li>• Creating program for Localhost Web Server for controlling device</li><li>• Raspberry pi-based server for controlling device</li></ul> | 6 Hours        |
| 4        | <ul style="list-style-type: none"><li>• Use Arduino to upload free data from Environmental sensor to server</li><li>• Using Raspberry pi to communicate with the IoT device and control equipment online.</li></ul>                          | 6 Hours        |
| 5        | <ul style="list-style-type: none"><li>• Making WIFI controlled Automation system</li><li>• Making multiple device interface over the WIFI</li></ul>                                                                                          | 6 Hours        |

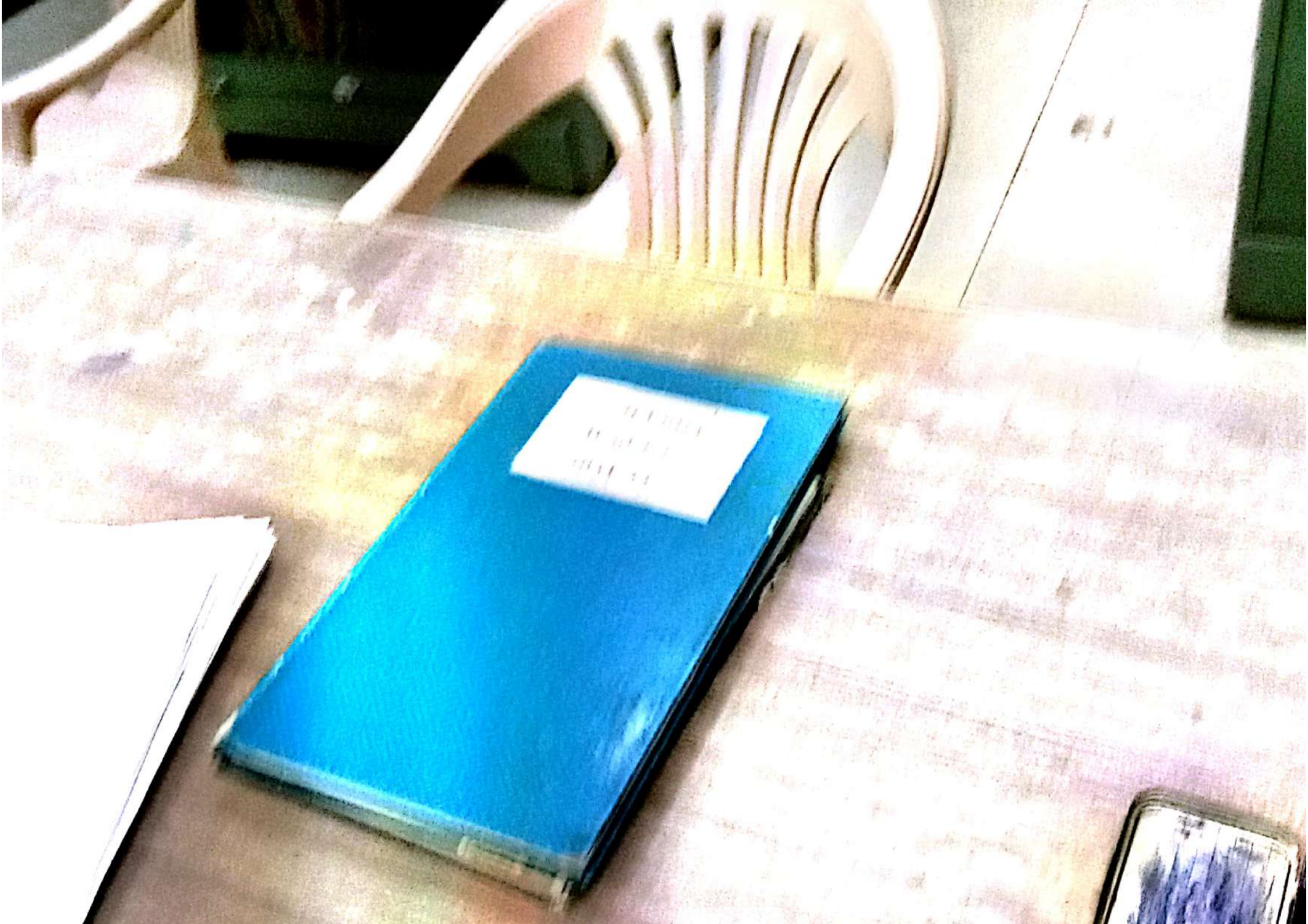
**Expected Outcome:**

- Students will able to understand the application areas of IOT
- Able to realize the revolution of Internet on Mobile Devices, Cloud and Sensor networks.
- Able to understand building blocks of Internet of Things and characteristics.

*SH*





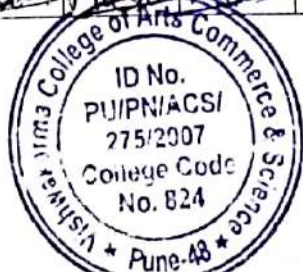








| Sr. No | Student Name               | 17/9      | 18/9      | 19/9      | 20/9      | 21/9      | 24/9      | 25/9      | 26/9      | 27/9      | 28/9      |
|--------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 25     | KHAN SHADAB ZAKIANWAR      | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      |
| 26     | KHATAL SOMNATH NANASAHIB   | Somnath   | Somnath   | Somnath   | Somnath   | Somnath   | Somnath   | Somnath   | Somnath   | Somnath   | Somnath   |
| 27     | LIMBORE GAURAV RAMESH      | G.L       | G.L       | G.L       | G.L       | G.L       | G.L       | G.L       | G.L       | G.L       | G.L       |
| 28     | MALUSARE AKSHAY ANANTA     | Akshay    | Akshay    |           | Akshay    | Akshay    | Akshay    | Akshay    | Akshay    | Akshay    | Akshay    |
| 29     | MALUSARE ANJAN SADASHIV    | Anjan     | Anjan     | Anjan     | Anjan     | Anjan     | Anjan     | Anjan     | Anjan     | Anjan     | Anjan     |
| 30     | MHASKI PRADNYA RAMESH      | P.R.M     | P.R.M     | P.R.M     | P.R.M     | P.R.M     | P.R.M     | P.R.M     | P.R.M     | P.R.M     | P.R.M     |
| 31     | MUJAWAR ARSHILN JABBAR     | Am        | Am        | Am        | Am        | Am        | Am        | Am        | Am        | Am        | Am        |
| 32     | MULLA RUKSAR SAJID         | R.mulla   | R.mulla   | R.mulla   |           | R.mulla   | R.mulla   | R.mulla   | R.mulla   | R.mulla   | R.mulla   |
| 33     | MUNOT MAYUR KANHYALAL      | MK        | MK        | MK        | MK        | MK        | MK        | MK        | MK        | MK        | MK        |
| 34     | MUSTAFI MUSTAN KACHWALA    | Mustan    | Mustan    | Mustan    | Mustan    | Mustan    | Mustan    | Mustan    | Mustan    | Mustan    | Mustan    |
| 35     | NEDARPALLY STEVEN ANTHONY  | NSA       | NSA       | NSA       | NSA       | NSA       | NSA       | NSA       | NSA       | NSA       | NSA       |
| 36     | NIYADI TEJASWINI PRAMOD    | Tejaswini | Tejaswini | Tejaswini | Tejaswini | Tejaswini | Tejaswini | Tejaswini | Tejaswini | Tejaswini | Tejaswini |
| 37     | NILU RASIK UMESH           | Rasik     | Rasik     | Rasik     | Rasik     | Rasik     | Rasik     | Rasik     | Rasik     | Rasik     | Rasik     |
| 38     | PANSARE PRATIKSHA KAILAS   | P.K       | P.K       | P.K       | P.K       | P.K       | P.K       | P.K       | P.K       | P.K       | P.K       |
| 39     | PARPATEKAR SILVIA THOMAS   | Silvia    | Silvia    | Silvia    | Silvia    | Silvia    | Silvia    | Silvia    | Silvia    | Silvia    | Silvia    |
| 40     | PATEKAR PRIYANKA           | PP        | PP        | PP        | PP        | PP        | PP        | PP        | PP        | PP        | PP        |
| 41     | PATIL PRATHAMESH MAHADEO   | P.Patil   | P.Patil   | P.Patil   | P.Patil   | P.Patil   | P.Patil   | P.Patil   | P.Patil   | P.Patil   | P.Patil   |
| 42     | PAWAR AMAR RAJNAN          | Amar      | Amar      | Amar      | Amar      | Amar      | Amar      | Amar      | Amar      | Amar      | Amar      |
| 43     | PORWAL BHAGYASHREE         | Bm        | Bm        | Bm        | Bm        | Bm        | Bm        | Bm        | Bm        | Bm        | Bm        |
| 44     | RANAWADE ROHAN SIDDESWAR   | Rohan     | Rohan     | Rohan     | Rohan     | Rohan     | Rohan     | Rohan     | Rohan     | Rohan     | Rohan     |
| 45     | RANGWALA HOZELIA KAJDIKHAR | Hozela    | Hozela    | Hozela    | Hozela    | Hozela    | Hozela    | Hozela    | Hozela    | Hozela    | Hozela    |
| 46     | RATHOD TANVI DINESH        | IR        | IR        | IR        | TR        |           | IR        | IR        | IR        | IR        | IR        |
| 47     | SALUNKE SIDDHANT HEMANT    | SHS       | SHS       | SHS       | SHS       | SHS       | SHS       | SHS       | SHS       | SHS       | SHS       |
| 48     | SURVASE SANDHYA PRABHAKAR  | Sandhy    | Sandhy    | Sandhy    | Sandhy    | Sandhy    | Sandhy    | Sandhy    | Sandhy    | Sandhy    | Sandhy    |
| 49     | TAMBOLE RAMEEZ SADIQ       | Rameez    | Rameez    | Rameez    | Rameez    | Rameez    | Rameez    | Rameez    | Rameez    | Rameez    | Rameez    |
| 50     | TILAK RAJPUT               | R.T       | R.T       | R.T       | R.T       | R.T       | R.T       | R.T       | R.T       | R.T       | R.T       |
| 51     | VANNAM HEMANT VIJAY        | VHV       | VHV       | VHV       | VHV       | VHV       | VHV       | VHV       | VHV       | VHV       | VHV       |
| 52     | ZAINAB MAQSUD              | Maqsud    | Maqsud    | Maqsud    | Maqsud    | Maqsud    | Maqsud    | Maqsud    | Maqsud    | Maqsud    | Maqsud    |





BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE

2018-19  
Course: Hands on IOT

Marks : 20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. What is the full form of IoT?
  - a) Internet of Technology
  - b) Incorporate of Things
  - c) Internet of Things
  - d) Incorporate of Technology
2. What is IoT?
  - a) network of physical objects embedded with sensors
  - b) network of virtual objects
  - c) network of objects in the ring structure
  - d) network of sensors
3. Who coined the term "Internet of Things"?
  - a) Kevin Aston
  - b) John Wright
  - c) Edward Jameson
  - d) George Garton
4. When was the actual term "Internet of Things" coined?
  - a) 1998
  - b) 1999
  - c) 2000
  - d) 2002
5. Which of the following is not an IoT device?
  - a) Table
  - b) Laptop
  - c) Arduino
  - d) Tablet
6. Which of the following is false about IoT devices?
  - a) IoT devices use the internet for collecting and sharing data
  - b) IoT devices need microcontrollers
  - c) IoT devices use wireless technology
  - d) IoT devices are completely safe



7. Which of the following is not an IoT platform?
- a) Amazon Web Services
  - b) Microsoft Azure
  - c) Salesforce
  - d) Flipkart
8. Which of the following is not an application of IoT?
- a) BMP280
  - b) Smart home
  - c) Smart city
  - d) Self-driven cars
9. Which of the following is not a fundamental component of an IoT system?
- a) Sensors
  - b) Connectivity and data processing
  - c) User interface
  - d) Transformer
10. What is the full form of IIOT?
- a) Index Internet of Things
  - b) Incorporate Internet of Things
  - c) Industrial Internet of Things
  - d) Intense Internet of Things
11. Which layer is used for wireless connection in IoT devices?
- a) Application layer
  - b) Network layer
  - c) Data link layer
  - d) Transport layer
12. Which of the following is false about the IoT components?
- a) A light sensor (photoresistor) is an analog sensor
  - b) A microphone is a digital sensor
  - c) A push button is a digital sensor
  - d) A keyboard is a digital sensor
13. Which of the following is used to capture data from the physical world in IoT devices?
- a) Sensors
  - b) Actuators
  - c) Microprocessors
  - d) Microcontrollers
14. Which of the following command is used to trigger the Amazon echo IOT device?
- a) Hello
  - b) Suri
  - c) Alexa
  - d) Hey

- 15. Which of the following is false about the MANET IoT network?**
- a) It is a self-configuring network
  - b) It has a low data rate
  - c) It doesn't have any encryption
  - d) Power is readily available for complex security
- 16. Which of the following is not a sensor in IoT?**
- a) BMP280
  - b) DHT11
  - c) Photoresistor
  - d) LED
- 17. Which of the following is not an actuator in IoT?**
- a) Stepper motor
  - b) A fan
  - c) An LED
  - d) Arduino
- 18. What is the use of PWM signals in IoT development boards?**
- a) They are used by sensors to have analog input
  - b) They are used by sensors to have digital input
  - c) They are used by actuators to have analog input
  - d) They are used by actuators to have digital input
- 19. Which of the following is used to reprogram a Bootloader in IoT devices?**
- a) VHDL programming
  - b) IDE
  - c) ICSP
  - d) MANET
- 20. Which of the following is true about Arduino IoT devices?**
- a) They are open-source software
  - b) They can only read analog inputs
  - c) They have their own operating systems
  - d) They don't have pre-programmed firmware



**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science**

Hands on IOT

2018-2019

**Marksheet**

| Sr. No | Student Name                 | Class     | Marks |
|--------|------------------------------|-----------|-------|
| 1      | BIHAMBURE AKSHAY AJAY        | FYMSc(CS) | 17    |
| 2      | CHAUDHARI DHANRAJ MAHENDRA   | FYMSc(CS) | 15    |
| 3      | DALVI POOJA HARIBHAU         | FYMSc(CS) | 19    |
| 4      | DATE MAYUR RAVSAHEB          | FYMSc(CS) | 17    |
| 5      | GAVALI ONKAR SUHAS           | FYMSc(CS) | 19    |
| 6      | GAVHANE HRUSHIKESH           | FYMSc(CS) | 16    |
| 7      | GAWADE AKSHAY MANOJ          | FYMSc(CS) | 16    |
| 8      | GAWALI AKANKSHA BALKRISHNA   | FYMSc(CS) | 17    |
| 9      | GUDMETI AMEY NANDKUMAR       | FYMSc(CS) | 18    |
| 10     | HIREMATHI PRACHI RAJESH      | FYMSc(CS) | 15    |
| 11     | JAGTAP KALYANI RAJENDRA      | FYMSc(CS) | 19    |
| 12     | JAGTAP MAYUR ANIL            | FYMSc(CS) | 16    |
| 13     | JALLAPELLE SHRIYASH RAJENDRA | FYMSc(CS) | 15    |
| 14     | KABARA MEHUL BALKRISHNA      | FYMSc(CS) | 18    |
| 15     | KALE GEETAL NITIN            | FYMSc(CS) | 17    |
| 16     | KALE SANKET SHIVAJI          | FYMSc(CS) | 18    |
| 17     | KALSA GOVIND CHIDANAND       | FYMSc(CS) | 16    |
| 18     | KAMBLE VISHAL BAJRANG        | FYMSc(CS) | 15    |
| 19     | KHALATE KETAN NIVRUTTI       | FYMSc(CS) | 17    |
| 20     | KHAN SHADAB ZAKIANWAR        | FYMSc(CS) | 18    |
| 21     | KHATAL SOMNATH NANASAHEB     | FYMSc(CS) | 16    |
| 22     | LIMBORE GAURAV RAMESH        | FYMSc(CS) | 19    |
| 23     | MALUSARE AKSHAY ANANTA       | FYMSc(CS) | 15    |
| 24     | MALUSARE ANJAN SADASHIV      | FYMSc(CS) | 16    |
| 25     | MHASKE PRADNYA RAMESH        | FYMSc(CS) | 18    |
| 26     | MULLA RUKSAR SAJEED          | FYMSc(CS) | 15    |
| 27     | MUNOT MAYUR KANHYALAL        | FYMSc(CS) | 16    |
| 28     | NEMADE TEJASWINI PRAMOD      | FYMSc(CS) | 17    |
| 29     | NILLE RASIK UMESH            | FYMSc(CS) | 19    |
| 30     | PATEKAR PRIYANKA DATTATRAYA  | FYMSc(CS) | 15    |
| 31     | PATIL PRATHAMESH MAHADEO     | FYMSc(CS) | 16    |
| 32     | PAWAR AMAR RAJNAN            | FYMSc(CS) | 19    |
| 33     | PORWAL BHAGYASHREE HASMUKH   | FYMSc(CS) | 14    |
| 34     | RANAWADE ROHAN SIDDESWER     | FYMSc(CS) | 18    |
| 35     | RANGWALA HOZEFA KAIDJOHAR    | FYMSc(CS) | 17    |
| 36     | RATHOD TANVI DINESH          | FYMSc(CS) | 18    |
| 37     | SALUNKE SIDDHANT HEMANT      | FYMSc(CS) | 16    |
| 38     | MUJAWAR ARSHEEN JABBAR       | SYMSc(CS) | 16    |
| 39     | MUSTAFA MUSTAN KACHWALA      | SYMSc(CS) | 19    |
| 40     | NEDARPALLY STEVEN ANTHONY    | SYMSc(CS) | 16    |
| 41     | PANSARE PRATIKSHA KAILAS     | SYMSc(CS) | 18    |

|    |                                 |           |    |
|----|---------------------------------|-----------|----|
| 12 | PARPATTAR SHATA THOMAS          | BYAPU (M) | 18 |
| 13 | K. ANMIRAGE MURU SHASHI AHI     | BYAPU (M) | 17 |
| 14 | K. ANMIRAGE SHRI M. A. S. ADHEV | BYAPU (M) | 18 |
| 15 | K. ANMIRAGE A. ANJAN            | BYAPU (M) | 13 |
| 16 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 17 |
| 17 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 18 |
| 18 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 20 |
| 19 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 17 |
| 20 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 18 |
| 21 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 13 |
| 22 | K. ANMIRAGE ANJAN K. ANJAN      | BYAPU (M) | 17 |

16/11/2018

*Principal*  
**Principal**  
 Vidyapeetha College of Arts,  
 Commerce & Science,  
 Bannur Road, Pune-411 004.





*Bansilal Ramnath Agarwal Charitable Trust's*

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**

*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE  
**HANDS ON IOT**

This certificate is presented to Mr./Ms. **Rathod Tanvi** for successfully completing **Hands on IOT**, for the Academic Year 2018-19, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**  
Co-ordinator - IQAC

**Swati Sathye**  
HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**  
HOD - Computer  
Science Department

**Dr. Arun R. Patil**  
Principal

**2017-18**






**BRACT'S  
VISHWAKARMA COLLEGE OF ARTS, COMMERCE, AND SCIENCE,  
PUNE**

**Date: 1/02/2018**

**Notice**

All students of FYM.Sc (CS) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on "Certificate Course in Artificial Intelligence" From 07/02/2018 to 23/02/2018 at 10.00 am to 12.00pm. Attendance is mandatory for all.

  
**HOD  
(Science)**

  
**Principal**  
Dr. Anil R. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa (E), Pune-411 003.

**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science**  
**AY 2017-18**

**Value Added Course on " Certificate course in Artificial Intelligence"**  
**Enrolled Student List**

| Sr. No | Student Name                    | Sign               |
|--------|---------------------------------|--------------------|
| 1      | AGARWAL JYOTI VIJAY             | <i>[Signature]</i> |
| 2      | ARJUN KOMAL RAMCHANDRA          | <i>[Signature]</i> |
| 3      | BADADE VAIJAYANTI RAJENDRA      | <i>[Signature]</i> |
| 4      | BAHULIKAR AKSHAY DEVIDAS        | <i>[Signature]</i> |
| 5      | BAIG IBRAHIM MURTUZA            | <i>[Signature]</i> |
| 6      | BALGURI YAGNASHREE SURESH       | <i>[Signature]</i> |
| 7      | CHIDREVAR PALLAVI HARISHCHANDRA | <i>[Signature]</i> |
| 8      | CHIKANE PRIYA BHARAT            | <i>[Signature]</i> |
| 9      | CHINCHKAR AKSHAY ARUN           | <i>[Signature]</i> |
| 10     | DANDA WATE CHINMAY SHIVAJI      | <i>[Signature]</i> |
| 11     | HUMBRE ATUL RAJENDRA            | <i>[Signature]</i> |
| 12     | JADHAV AKASH ASHOK              | <i>[Signature]</i> |
| 13     | JADHAV SAMUEL DINESH            | <i>[Signature]</i> |
| 14     | JADHAV SHIVANI BALU             | <i>[Signature]</i> |
| 15     | JOSHI BHUSHAN GANGADHAR         | <i>[Signature]</i> |
| 16     | KADAM RAJGAURI SHASHIKANT       | <i>[Signature]</i> |
| 17     | KAPADNIS SHALAKA SANJEEV        | <i>[Signature]</i> |
| 18     | KATE ASMITA AVINASH             | <i>[Signature]</i> |
| 19     | MANJARE PRADNYA VINOD           | <i>[Signature]</i> |
| 20     | MORE DARSHANA SURESH            | <i>[Signature]</i> |
| 21     | MUJAWAR ARSHEEN JABBAR          | <i>[Signature]</i> |
| 22     | MUSTAFA MUSTAN KANCHIWALA       | <i>[Signature]</i> |
| 23     | NANAVARE ADITI BALASAHEB        | <i>[Signature]</i> |
| 24     | RAMSHETTY RENUKA BHIMRAO        | <i>[Signature]</i> |
| 25     | SHAH DEEP SHIRENIK              | <i>[Signature]</i> |
| 26     | SHAIKH AFREEN ILSHAD            | <i>[Signature]</i> |
| 27     | SHAIKH ERAM FAROOQUE            | <i>[Signature]</i> |
| 28     | SHETE HARSHADA SHEKHAR          | <i>[Signature]</i> |
| 29     | SHINDE SHWETA SHITALKUMAR       | <i>[Signature]</i> |
| 30     | SHUBHAM KAKADE                  | <i>[Signature]</i> |
| 31     | SIDDHARTH KHOPADE               | <i>[Signature]</i> |



*[Signature]*  
 Dr. Arun R. Patil  
 PRINCIPAL  
 Vishwakarma College of Arts,  
 Commerce & Science  
 Kondhwa(Bk), Pune-411 048.





**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science, Pune**  
**Department of Science**  
**Add On Course on**  
**ARTIFICIAL INTELLIGENCE**

AY 2017-18

**Course Objectives:**

- Acquire advanced Data Analysis skills.
- Stay Industry relevant and grow in your career.
- Create AI solutions for various business problems.
- Build and deploy production grade AI applications.
- Apply AI methods, techniques and tools immediately.

**Duration of the Program:**

Certificate course in Artificial Intelligence is a s program for 30 hours of lectures including 26 hours of lectures and 4 hours of internal evaluation.

**Course Content:**

| Unit no. | Contents                    | Teaching Hours |
|----------|-----------------------------|----------------|
| 1        | Introduction to AI          | 5 Hours        |
| 2        | Foundations for AI          | 5 Hours        |
| 3        | Convolution Neural Networks | 5 Hours        |
| 4        | Recurrent Neural Networks   | 5 Hours        |
| 5        | Deep Learning               | 4 Hours        |

**Expected Outcome:**

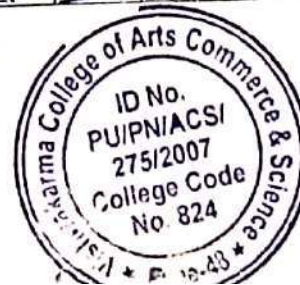
- It helps to identify problems where artificial intelligence techniques are applicable.
- Understand a wide variety of learning algorithms.
- Help organizations make faster and more informed decisions.





BRACT'S  
 Vishwakarma College of Arts, Commerce and Science  
 AY 2017-18  
 Value Added Course on " Certificate course in Artificial Intelligence"  
 ATTENDANCE SHEET

| Sr. No | Student Name                     | 7/2 | 8/2 | 9/2 | 10/2 | 12/2 | 13/2 | 14/2 | 15/2 | 16/2 | 17/2 | 19/2 | 20/2 | 21/2 | 22/2 | 23/2 |
|--------|----------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 1      | AGARWAL JYOTI VIJAY              | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 2      | ARJUN KOMAL RAMCHANDRA           | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 3      | BADADE VAIJAYANTI RAJENDRA       | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 4      | BAHUKAR AKSHAY DEVIDAS           | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 5      | BAIG IBRAHIM MURTUZA             | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 6      | BALGURI YAGNASHIRET SURESH       | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 7      | CHIDRE VAR PALLAVI HARISHCHANDRA | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 8      | CHIKANE PRIYA BIHARAT            | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 9      | CHINCHIKAR AKSHAY ARUN           | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 10     | DANDAWATT CHINMAY SHIVAJI        | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 11     | DUMBRE ATUL RAJENDRA             | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 12     | JADHAV AKASH ASHOK               | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 13     | JADHAV SAMUEL DINESH             | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 14     | JADHAV SHIVANI BALU              | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 15     | JOSHI BHUSHAN GANGADHAR          | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 16     | KADAM RAIGAURI SHASHIKANT        | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 17     | KAPADNIS SHALAKA SANJEEV         | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 18     | KATE ASMITA AVINASH              | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 19     | MANJARE PRADNYA VINOD            | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 20     | MORE DARSHANA SURESH             | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 21     | MUJAWAR ARSHEEN JABBAR           | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 22     | MUSTAFA MUSTAN KANCHIWALA        | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 23     | NANAVARE ADITI BALASAHEB         | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 24     | RAMSHITTY RENUKA BHIMRAO         | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 25     | SHAI DEEP SHIRNIK                | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 26     | SHAIKH AREEN ILSHAD              | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 27     | SHAIKH RAMI AROOQUE              | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 28     | SHILTI HARSHADA SHIKHAR          | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 29     | SHINDI SHWETA SHITALKUMAR        | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 30     | SHUBHAM KAKADE                   | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |
| 31     | SIDDHARTHI KHOPADE               | ABE | ABE | ABE | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  | ABE  |







BRACT's  
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE  
AY 2017-18  
Course : Artificial Intelligence

Marks :20 M

Q.1 Attempt all Questions

[1X20=20Marks]

1. **What is Artificial Intelligence?**
  - a) Artificial Intelligence is a field that aims to make humans more intelligent
  - b) Artificial Intelligence is a field that aims to improve the security
  - c) Artificial Intelligence is a field that aims to develop intelligent machines
  - d) Artificial Intelligence is a field that aims to mine the data
  
2. **Who is the inventor of Artificial Intelligence?**
  - a) Geoffrey Hinton
  - b) Andrew Ng
  - c) John McCarthy
  - d) Jürgen Schmidhuber
  
3. **Which of the following is the branch of Artificial Intelligence?**
  - a) Machine Learning
  - b) Cyber forensics
  - c) Full-Stack Developer
  - d) Network Design
  
4. **What is the goal of Artificial Intelligence?**
  - a) To solve artificial problems
  - b) To extract scientific causes
  - c) To explain various sorts of intelligence
  - d) To solve real-world problems
  
5. **Which of the following is an application of Artificial Intelligence?**
  - a) It helps to exploit vulnerabilities to secure the firm
  - b) Language understanding and problem-solving (Text analytics and NLP)
  - c) Easy to create a website
  - d) It helps to deploy applications on the cloud

6. **In how many categories process of Artificial Intelligence is categorized?**  
a) categorized into 5 categories  
b) processes are categorized based on the input provided  
c) categorized into 3 categories  
d) process is not categorized
7. **Based on which of the following parameter Artificial Intelligence is categorized?**  
a) Based on functionally only  
b) Based on capabilities only  
c) Based on capabilities and functionally  
d) It is not categorized
8. **Which of the following is a component of Artificial Intelligence?**  
a) Learning  
b) Training  
c) Designing  
d) Puzzling
9. **What is the function of an Artificial Intelligence "Agent"?**  
a) Mapping of goal sequence to an action  
b) Work without the direct interference of the people  
c) Mapping of precept sequence to an action  
d) Mapping of environment sequence to an action
10. **Which of the following is not a type of Artificial Intelligence agent?**  
a) Learning AI agent  
b) Goal-based AI agent  
c) Simple reflex AI agent  
d) Unity-based AI agent
11. **Which of the following is not the commonly used programming language for Artificial Intelligence?**  
a) Perl  
b) Java  
c) PROLOG  
d) LISP
13. **What is the name of the Artificial Intelligence system developed by Daniel Bobrow?**  
a) program known as BACON  
b) system known as STUDENT  
c) program known as SHRDLU  
d) system known as SIMD



14. What is the function of the system Student?

- a) program that can read algebra word problems only
- b) system which can solve algebra word problems but not read
- c) system which can read and solve algebra word problems
- d) None of the mentioned

15. Which of the following is not an application of artificial intelligence?

- a) Face recognition system
- b) Chatbots
- c) LIDAR
- d) DBMS

16. Which of the following machine requires input from the humans but can interpret the outputs themselves?

- a) Actuators
- b) Sensor
- c) Agents
- d) AI system

17. \_\_\_\_\_ Number of informed search method are there in Artificial Intelligence

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

18. The total number of proposition symbols in AI are \_\_\_\_\_

- a) 3 proposition symbols
- b) 1 proposition symbols
- c) 2 proposition symbols
- d) No proposition symbols

19. The total number of logical symbols in AI are \_\_\_\_\_

- a) There are 3 logical symbols
- b) There are 5 logical symbols
- c) Number of logical symbols are based on the input
- d) Logical symbols are not used

20. Which of the following are the approaches to Artificial Intelligence?

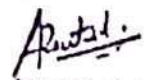
- a) Applied approach
- b) Strong approach
- c) Weak approach
- d) All of the mentioned

BRACT's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Certificate Course in Artificial Intelligence"  
Marksheet

| Sr. No | Student Name                     | Marks |
|--------|----------------------------------|-------|
| 1      | AGARWAL JYOTI VIJAY              | 19    |
| 2      | ARJUN KOMAL RAMCHANDRA           | 18    |
| 3      | BADADE VAHAYANTI RAJENDRA        | 16    |
| 4      | BAHULIKAR AKSHAY DEVIDAS         | 16    |
| 5      | BAIG IBRAHIM MURTUZA             | 17    |
| 6      | BALGURI YAGNASHIREE SURESH       | 18    |
| 7      | CHIDREVAR PALLAVI HARISHICHANDRA | 15    |
| 8      | CHIKANE PRIYA BIHARAT            | 17    |
| 9      | CHINCHIKAR AKSHAY ARUN           | 16    |
| 10     | DANDAWATE CHINMAY SHIVAJI        | 15    |
| 11     | HUMBRE ATUL RAJENDRA             | 17    |
| 12     | JADHAV AKASH ASHOK               | 18    |
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| 24     | RAMSHETTY RENUKA BHIMRAO         | 15    |
| 25     | SHAH DEEP SHIRENIK               | 17    |
| 26     | SHAIKH AFREEN ILSHAD             | 18    |
| 27     | SHAIKH ERAM FAROOQUE             | 18    |
| 28     | SHETE HARSHADA SHEKHAR           | 15    |
| 29     | SHINDE SHWETA SHITALKUMAR        | 17    |
| 30     | SHUBHAM KAKADE                   | 16    |
| 31     | SIDDHARTHI KHOPADE               | 15    |

  
HOD

  
Dr. Asha Rani Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.



*Bansilal Ramnath Agarwal Charitable Trust's*

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**

*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE

**ARTIFICIAL INTELLIGENCE**

This certificate is presented to Mr./Ms. **Kate Asmita** for successfully completing **Artificial Intelligence**, for the Academic Year 2017-18, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**

Co-ordinator - IQAC

**Swati Sathye**

HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**

HOD - Computer  
Science Department

**Dr. Arun R. Patil**

Principal




**BRACT'S  
VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,  
PUNE**

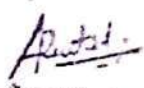
**Date: 19/09/2017**

**Notice**

All students of M.Sc (CS) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on "Hands On IOT (30hrs.)" From 26/09/2017 to 10/10/2017 at 10.00 am to 12.00pm.daily 2.5hrs.

Attendance is mandatory for all. For registration contact to Prof. Prajkta Patil

  
**HOD**  
**(Science)**

  
**Principal** P. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.



BRACT's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

**Value Added Course on "Hands on IOT"  
Enrolled Student List**

| Sr. No | Student Name          | Sign |
|--------|-----------------------|------|
| 1      | MANURE SUMAIYYAH      |      |
| 2      | MORE SHIVKANYA        |      |
| 3      | MURKE BALASAHEB       |      |
| 4      | MUSA SUSO             |      |
| 5      | NADU ANKITA           |      |
| 6      | NANGARE POOJA         |      |
| 7      | PAWAR GAURAV          |      |
| 8      | PAWAR PRITESH         |      |
| 9      | PINGALE MANGESH       |      |
| 10     | SAPKAL SHIVANI SACHIN |      |
| 11     | SAWED SADIQUE URF     |      |
| 12     | SHAH NITESH           |      |
| 13     | SHAIKH NIKHAT MUNIR   |      |
| 14     | SHIVARKAR NIKITA      |      |
| 15     | SINGH KIRAN GOPAL     |      |
| 16     | SURABHI SUBHASH       |      |
| 17     | TANDALE SHITAL        |      |
| 18     | TERDAL AKASH          |      |
| 19     | TIMEWAR JAGANNATH     |      |
| 20     | MEMANE SHIWETA        |      |
| 21     | KADU SNEHAL ASHOK     |      |
| 22     | SAROJ SHUBHAM         |      |
| 23     | AGARWAL GAYATRI       |      |
| 24     | CHHATRE TUSHAR        |      |
| 25     | CHODHARY SHOBHA       |      |
| 26     | DHAMANKAR SONAL       |      |
| 27     | DHANDEKAR PRAMOD      |      |
| 28     | DHOTEKAR AMAN         |      |



*Arjun B. Patil*  
Dr. Arjun B. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Ek.), Pune-411 048.



**BRACT's**

**Vishwakarma College of Arts, Commerce and Science, Pune**

**Department of Science**

**Add On Course on**

**HANDS ON IOT**

**AY 2017-18**

**Course Objectives:**

Students will be explored to the interconnection and integration of the physical world and the cyber space. They are also able to design and develop IOT Device.

**Duration of the Program:**

Certificate course in hands on IOT is a s program for 30 hours of lectures including 26 hours of lectures and 4 hours of internal evaluation.

**Course Content:**

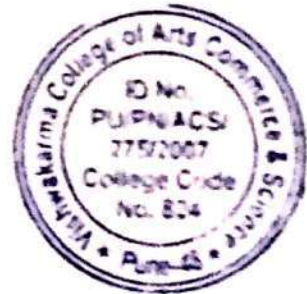
| Unit no. | Contents                                                                                                                                                                                                                                     | Teaching Hours |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1        | <ul style="list-style-type: none"><li>• Introduction to Internet of Things</li><li>• The Arduino platform</li><li>• Embedded C for AVR</li></ul>                                                                                             | 5 Hours        |
| 2        | <ul style="list-style-type: none"><li>• Reading from sensors</li><li>• Talking to your android phone with Arduino</li><li>• Connecting Arduino with mobile device</li></ul>                                                                  | 5 Hours        |
| 3        | <ul style="list-style-type: none"><li>• Integrating ESP modules and testing DHCP connections</li><li>• Creating program for Localhost Web Server for controlling device</li><li>• Raspberry pi-based server for controlling device</li></ul> | 5 Hours        |



|   |                                                                                                                                                                                                                     |         |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 4 | <ul style="list-style-type: none"><li>• Use Arduino to upload free data from Environmental sensor to server</li><li>• Using Raspberry pi to communicate with the IoT device and control equipment online.</li></ul> | 5 Hours |
| 5 | <ul style="list-style-type: none"><li>• Making WIFI controlled Automation system</li><li>• Making multiple device interface over the WIFI</li></ul>                                                                 | 4 Hours |

**Expected Outcome:**

- Students will able to understand the application areas of IOT.
- Able to realize the revolution of Internet in Mobile Devices, Cloud and Sensor networks.
- Able to understand building blocks of Internet of Things and characteristics.



# Vishwakarma College of Arts ,Commerce and Science

Attendance value added course

Hands on IOT (20 Hours)

Course : MScCS

Time:- 1.00 to 3.00 pm (2 hours daily)

| sr. | Student Name          | 9/26/2017 | 9/27/2017 | 9/28/2017 | 9/29/2017 | 9/30/2017 |
|-----|-----------------------|-----------|-----------|-----------|-----------|-----------|
| 1   | MANURE SUMAIYYAH      | Manure    | Manure    |           | Manure    | Manure    |
| 2   | MORE SHIVKANYA        | more      | more      | more      | more      |           |
| 3   | MURKE BALASAHEB       | Murke     | Murke     | Murke     | Murke     | Murke     |
| 4   | MUSA SUSO             | Musa      | Musa      | Musa      | Musa      |           |
| 5   | NAIDU ANKITA          | ANKITA    | ANKITA    | ANKITA    | ANKITA    | ANKITA    |
| 6   | NANGARE POOJA         | Pooja     | Pooja     | Pooja     |           | Pooja     |
| 7   | PAWAR GAURAV          | Gaurav    | Gaurav    | Gaurav    | Gaurav    | Gaurav    |
| 8   | PAWAR PRITESH         | Pritesh   | Pritesh   | Pritesh   | Pritesh   | Pritesh   |
| 9   | PINGALE MANGESH       | Mangesh   | Mangesh   | Mangesh   | Mangesh   | Mangesh   |
| 10  | SAPKAL SHIVANI SACHIN | Sachin    | Sachin    | Sachin    | Sachin    | Sachin    |
| 11  | SAYYED SADIQUE URF    | Sayyad    | Sayyad    | Sayyad    | Sayyad    | Sayyad    |
| 12  | SHAH NITESH           | Nitish    | Nitish    | Nitish    | Nitish    | Nitish    |
| 13  | SHAIKH NIKHAT MUNIR   | Munir     | Munir     | Munir     | Munir     | Munir     |
| 14  | SHIVARKAR NIKITA      | Nikita    | Nikita    |           |           | Nikita    |
| 15  | SINGH KIRAN GOPAL     | Kiran     |           | Kiran     | Kiran     |           |
| 16  | SURABHI SUBHASH       | Subhash   | Subhash   | Subhash   | Subhash   | Subhash   |
| 17  | TANDALE SHITAL        | Shital    | Shital    | Shital    | Shital    | Shital    |
| 18  | TERDAL AKASH          | Akash     | Akash     | Akash     |           | Akash     |
| 19  | TIMEWAR JAGANNATH     | Jagannath | Jagannath | Jagannath | Jagannath | Jagannath |
| 20  | MEMANE SHWETA         | Shweta    | Shweta    |           |           | Shweta    |
| 21  | KADU SNEHAL ASHOK     | Snehal    | Snehal    | Snehal    | Snehal    |           |
| 22  | SAROJ SHUBHAM         | Shubh     | Shubh     | Shubh     | Shubh     |           |
| 23  | AGARWAL GAYATRI       | Gayatri   | Gayatri   | Gayatri   | Gayatri   |           |
| 24  | CHHATRE TUSHAR        | Tushar    | Tushar    | Tushar    | Tushar    | Tushar    |
| 25  | CHOUHDARY SHOBHA      | Shobha    | Shobha    | Shobha    | Shobha    | Shobha    |
| 26  | DHAMANKAR SONAL       | Sonal     | Sonal     | Sonal     | Sonal     | Sonal     |
| 27  | DHANDEKAR PRAMOD      | Pramod    | Pramod    | Pramod    | Pramod    | Pramod    |
| 28  | DHOTEKAR AMAN         | Aman      | Aman      | Aman      | Aman      | Aman      |



11/2/17



# Vishwakarma College of Arts ,Commerce and Science

Attendance value added course **2017-18**

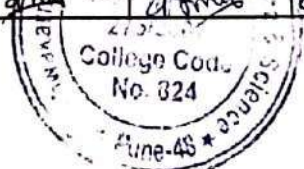
Hands on IOT (20Hours)

Course :MScCS

Time:- 1:00 to 3:00 pm (2 hours daily)

Revision

| sr.r | Student Name          | 10/1/2017 | 10/2/2017 | 10/3/2017 | 10/4/2017 | 10/5/2017 | 10/6/2017 | 10/7/2017 |
|------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1    | MANURE SUMAIYYAH      | Manure S. | Manure S. | Manure S. | Manure S. | Manure S. |           | Manure S. |
| 2    | MORE SHIVKANYA        | More      | More      | More      | More      | More      | More      | More      |
| 3    | MURKE BALASAHEB       | Murke     | Murke     | Murke     |           | Murke     | Murke     | Murke     |
| 4    | MUSA SUSO             | Musa      | Musa      | Musa      | Musa      | Musa      |           | Musa      |
| 5    | NAIDU ANKITA          | Naidu     | Naidu     | Naidu     | Naidu     | Naidu     | Naidu     | Naidu     |
| 6    | NANGARE POOJA         | Pooja     | Pooja     | Pooja     | Pooja     | Pooja     | Pooja     | Pooja     |
| 7    | PAWAR GAURAV          | Pawar     | Pawar     | Pawar     | Pawar     | Pawar     | Pawar     | Pawar     |
| 8    | PAWAR PRITESH         | Pawar     | Pawar     | Pawar     | Pawar     | Pawar     | Pawar     | Pawar     |
| 9    | PINGALE MANGESH       | Pingale   | Pingale   | Pingale   | Pingale   | Pingale   | Pingale   | Pingale   |
| 10   | SAPKAL SHIVANI SACHIN | Sachin    | Sachin    | Sachin    | Sachin    | Sachin    | Sachin    | Sachin    |
| 11   | SAYYED SADIQUE URF    | Sadique   | Sadique   | Sadique   | Sadique   | Sadique   | Sadique   | Sadique   |
| 12   | SHAH NITESH           | Nitesh    | Nitesh    | Nitesh    | Nitesh    | Nitesh    | Nitesh    | Nitesh    |
| 13   | SHAIKH NIKHAT MUNIR   | Shaiikh   | Shaiikh   | Shaiikh   |           | Shaiikh   | Shaiikh   | Shaiikh   |
| 14   | SHIVARKAR NIKITA      | Nikita    | Nikita    | Nikita    | Nikita    | Nikita    | Nikita    | Nikita    |
| 15   | SINGH KIRAN GOPAL     | Kiran     | Kiran     | Kiran     | Kiran     | Kiran     | Kiran     | Kiran     |
| 16   | SURABHI SUBHASH       | Surabhi   | Surabhi   | Surabhi   | Surabhi   | Surabhi   | Surabhi   | Surabhi   |
| 17   | TANDALE SHITAL        | Shital    | Shital    | Shital    | Shital    | Shital    | Shital    | Shital    |
| 18   | TERDAL AKASH          | Akash     | Akash     | Akash     | Akash     | Akash     |           | Akash     |
| 19   | TIMEWAR JAGANNATH     | Skadu     | Skadu     | Skadu     | Skadu     | Skadu     | Skadu     | Skadu     |
| 20   | MEMANE SHWETA         | Shweta    | Shweta    | Shweta    | Shweta    | Shweta    | Shweta    | Shweta    |
| 21   | KADU SNEHAL ASHOK     | Skadu     | Skadu     | Skadu     | Skadu     |           | Skadu     | Skadu     |
| 22   | SAROJ SHUBHAM         | Shubham   | Shubham   | Shubham   | Shubham   | Shubham   | Shubham   | Shubham   |
| 23   | AGARWAL GAYATRI       | Gayatri   | Gayatri   | Gayatri   | Gayatri   | Gayatri   | Gayatri   | Gayatri   |
| 24   | CHATRE TUSHAR         | Tushar    | Tushar    | Tushar    | Tushar    | Tushar    | Tushar    | Tushar    |
| 25   | CHODHARY SHOBHA       | Shobha    | Shobha    | Shobha    | Shobha    | Shobha    | Shobha    | Shobha    |
| 26   | DHAMANKAR SONAL       | Sonal     | Sonal     | Sonal     | Sonal     | Sonal     | Sonal     | Sonal     |
| 27   | DHANDEKAR PRAMOD      | Pramod    | Pramod    | Pramod    | Pramod    | Pramod    | Pramod    | Pramod    |
| 28   | DHOTEKAR AMAN         | Aman      | Aman      | Aman      | Aman      | Aman      | Aman      | Aman      |





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VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE

Course : Hands On IOT

Marks : 20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. The Raspberry Pi is defined as the \_\_\_\_\_

- a) Micro Computer
- b) Mega Computer
- c) Mini computer
- d) Nano Computer

2. Raspbian is \_\_\_\_\_

- a) Assembler
- b) Language
- c) Compiler
- d) OS

3. Raspberry Pi consists of a \_\_\_\_\_ quad-core processor or microprocessor

- a) 16-bit
- b) 32-bit
- c) 64-bit
- d) 128-bit

4. The Raspberry Pi has a \_\_\_\_\_ interface to allow it to perform serial data communications.

- a) UART
- b) GPIO
- c) I2C
- d) SPI

5. How many USB ports are present in Raspberry Pi 3?

- a) 5
- b) 2
- c) 4
- d) 3

6. What bit processor is used in Pi 3?

- a) 64-bit
- b) 32-bit
- c) 128-bit
- d) Both 64 and 32 bit

7. What is the speed of operation in Pi 3?

- a) 900MHz
- b) 1.2GHz
- c) 1GHz
- d) 500MHz



**8. What is the Ethernet/LAN cable used in RPi?**

- a) Cat5
- b) Cat5e
- c) Cat6
- d) RJ45

**9. How many Input/Output pins on board Raspberry Pi3 has?**

- a) 20
- b) 30
- c) 40
- d) 50

**10. How much RAM, the Raspberry Pi has?**

- a) 2GiB of RAM
- b) 1GiB of RAM
- c) 4GiB of RAM
- d) 8GiB of RAM

**11. What is the maximum peripheral current draw allowed in Raspberry Pi 3?**

- a) 1200 mA
- b) 700 mA
- c) 500 mA
- d) 100 mA

**12. What does GPIO stand for?**

- a) General Purpose Inner Outer Propeller
- b) General Purpose Input Output Pins
- c) Generally Powered Input Output Pins
- d) General Purpose Input Output Processor

**13. What do we use to connect TV to RPi?**

- a) Male HDMI
- b) Female HDMI
- c) Male HDMI and Adapter
- d) Female HDMI and Adapter

**14. Data collected by Raspberry Pi from the sensor can be**

- a) Processed in Raspberry Pi
- b) Sent to other devices connected to the network
- c) Used to control/activate other devices in the network
- d) All of the above

**15. Which operating system Raspberry Pi has?**

- a) Linux
- b) OpenBSD
- c) NetBSD
- d) All of the above

**16. How power supply is done to RPi?**

- a) USB connection
- b) Internal battery
- c) Charger
- d) Adapter

**17. What are the mode(s) used for addressing the pins in Raspberry Pi?**

- A) GPI
- b) BCM
- c) BOARD & BCM
- d) GPIO, BCIM & CAN

**18. What are the parameters that are default values?**

- a) Port\_Name and Bits
- b) Speed and Port\_Names
- c) Speed and Parity
- d) Stop bit and Flow Control

**19. The BCM 14 pin of Raspberry Pi is**

- a) Physical pin 8
- b) UART
- c) Transmitter pin
- d) All of the above

**20. What is the command used for easy using of GNU screen?**

- a) \$useradd -G (dialout) your\_name
- b) Screen Port\_Name115200
- c) Minicom -b 115200 -o -D Port\_Name
- d) Prompt> # help

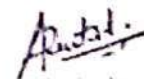


BRAC'S  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Hands on IOT"  
Marksheet

| Sr. No | Student Name         | Marks |
|--------|----------------------|-------|
| 1      | MANURE SUXMIYYAH     | 19    |
| 2      | MURKE SHIVKANYA      | 15    |
| 3      | MURKE BALASAHEB      | 16    |
| 4      | MUSASUNO             | 19    |
| 5      | NADI ANKITA          | 15    |
| 6      | NANGARE PUJA         | 16    |
| 7      | PAWAR GAURAV         | 19    |
| 8      | PAWAR PRIYESH        | 14    |
| 9      | PINGALE MANGESH      | 15    |
| 10     | SAPKAL SHIVANISACHIN | 16    |
| 11     | SAYED SAADIQUE URI   | 18    |
| 12     | SHAH NITESH          | 16    |
| 13     | SHAIKH NIKHAT MUNIR  | 19    |
| 14     | SHIVARKAR NIKITA     | 18    |
| 15     | SINGH NIRAN GOPAL    | 19    |
| 16     | SURABHI SUBHASH      | 17    |
| 17     | TANDALE SHITAL       | 13    |
| 18     | TERDAL AKASH         | 16    |
| 19     | TIMEWAR JAGANNATH    | 18    |
| 20     | ME MANE SHWETA       | 15    |
| 21     | KADU SNEHAL ANSHOK   | 16    |
| 22     | SAROI SHUBHAM        | 17    |
| 23     | AGARWAL GAYATRI      | 17    |
| 24     | CHHATRE TUSHAR       | 18    |
| 25     | CHOUDEHARY SHOBHA    | 16    |
| 26     | DHAMANKAR SONAL      | 15    |
| 27     | DHANDEKAR PRAMOD     | 15    |
| 28     | DEHOTKAR AMAN        | 19    |



  
Dr. Anam Rul Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(BA), Pune-411 048.

*Bansilal Ramnath Agarwal Charitable Trust's*

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**

*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE

**HANDS ON IOT**

This certificate is presented to Mr./Ms. **Pawar Gaurav** for successfully completing **Hands on IOT**, for the Academic Year 2017-18, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**

Co-ordinator - IQAC

**Swati Sathye**

HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**

HOD - Computer  
Science Department

**Dr. Arun R. Patil**

Principal





**BRAC T's**  
**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,**  
**PUNE**

**NOTICE**

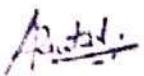
**Date: 01/07/2017**

All the students of **SYBSc(CS)** are hereby informed that VCACS has organized value added course on "**Computing with MATLAB/Scilab(20 Hours)**" from 05<sup>th</sup> July, 2017 to 17<sup>th</sup> July, 2017 two hours daily. Registration is mandatory for course. For registration contact Prof. Snehal Kulkarni.

Students must wear ID cards.

  
**HOD**

**(Science)**

  
**Dr. Arun R. Patil**  
**Principal**  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(E), Pune-411 048.

BRAC's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Computing with MATLAB / Scilab"  
Enrolled Student List

| Sr. No | Student Name              | Sign       |
|--------|---------------------------|------------|
| 1      | DAYAMA DIKSHA SANJAY      | DP         |
| 2      | DAREKAR SNIHAI SANDIP     | Santosh    |
| 3      | DALE SUPRIYA BHAI SAHIB   | DS         |
| 4      | CHIKANE YUNRAJ SANJAY     | Yunraj     |
| 5      | DEGLORKAR SHRIYAS         | Shriyas    |
| 6      | DHAGE POOJA SANTOSH       | P.S.D      |
| 7      | DHANDI KAR SHUBHAM        | Shubham    |
| 8      | DHOTRE RUTVIK NIKHIL      | R.V.D      |
| 9      | DHUMAL ATHARVA JITENDRA   | Atharva    |
| 10     | DHUMAL HIMANSHU SUDHIR    | DHS        |
| 11     | GANJRE AJAY DNYANESHWAR   | Ajay       |
| 12     | GAWADE DAKSHATA ANAND     | Dakshata   |
| 13     | GHODKI ROHAN RAJENDRA     | Rohanki    |
| 14     | GURAV SHRADDHA            | S. Gurav   |
| 15     | HOLAMBE MANDAKINI LAXMA   | MHC        |
| 16     | INAMDAR SHANTANU SUHAS    | IS.        |
| 17     | JADHAV APOORVA            | A.Purva    |
| 18     | JADHAV CHITRANSHI VIITHAL | Chitra     |
| 19     | JAGTAP ASMITA SUBHASH     | Asmita     |
| 20     | JAIN DHANRAJ RAJENDRA     | Mallik     |
| 21     | JAIN MAHIMA SURESH        | Jain       |
| 22     | JAIN MANALI ASHOK         | Manali     |
| 23     | MACKWAN SHARON SAMUEL     | Sharon     |
| 24     | MAHAJAN ANUSHKA PRAVIN    | Anushka    |
| 25     | MALHARE SHIVAM SANJAY     | Shivam     |
| 26     | JAIN PRIYANKA VIJAY       | Priyanka   |
| 27     | JAMADAR AIREEN MURAD      | Aireen     |
| 28     | JAWLI KAR AISHWARYA ULHA  | Aishwarya  |
| 29     | MARAGALE VIJAY DHONDIBA   | Vijay      |
| 30     | MEMANI PRATHAMESH         | Prathamesh |
| 31     | ME-MON KAMRAN ANIS        | Kamran     |
| 32     | MEMON ZAID HANIF          | Zaid       |
| 33     | KUMAWAT NUKSHA PURVA      | KNP        |
| 34     | KURAPATI POOJA LAXMIKANT  | Pooja      |
| 35     | LAGAD AKSHAY SUBHASH      | AKL        |
| 36     | LAVATE SHRUTI             | Shruti     |
| 37     | LONKAR KOMAL CHANGDE V    | Komal      |
| 38     | MOHOL RUTUJA RAJESH       | R.R.M      |
| 39     | MORI RUSHABH RAJENDRA     | MM         |
| 40     | MP SALAM SAHAD            | MP         |
| 41     | NAIK POOJA NAGESH         | Pooja      |
| 42     | NIKAM ARATI SAMBHAJI      | Arati      |
| 43     | NIKAM SANKET SOMNATH      | Sanket     |
| 44     | OSWAL KHUSHBOO KIRAN      | OSW        |



Dr. Arun R. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.





**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science, Pune**  
**Department of Science**  
**Add On Course on**  
**COMPUTING WITH MATLAB/SCILAB**  
**AY 2017-18**

**Course Objectives:**

To introduce elements and practicabilities of computer programming through the MATLAB mathematical computing environment.

**Duration of the Program:**

Certificate course computing with MATLAB/SCILAB is a s program for 20 hours of lecture.

**Course Content:**

| Unit no. | Contents                                                                                               | Teaching Hours |
|----------|--------------------------------------------------------------------------------------------------------|----------------|
| 1        | <ul style="list-style-type: none"><li>• Introduction to programing</li></ul>                           | 5 Hours        |
| 2        | <ul style="list-style-type: none"><li>• MATLAB windows</li><li>• Graph plot</li></ul>                  | 5 Hours        |
| 3        | <ul style="list-style-type: none"><li>• Procedure and functions</li><li>• Control statements</li></ul> | 5 Hours        |
| 4        | <ul style="list-style-type: none"><li>• Spectral analysis</li><li>• Speech signal analysis</li></ul>   | 5 Hours        |

**Expected Outcome:**

Students should be confident about using MATLAB in their own project work and should feel pre prepared to tackle other procedural languages for computing.









| sr.no | Student Name             | 7/5/2017 | 7/6/2017 | 7/7/2017 | 7/8/2017 | 7/10/2017 | 7/11/2017 | 7/12/2017 | 7/13/2017 | 7/14/2017 | 7/15/2017 |
|-------|--------------------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 27    | JAMADAR AFREEN MURAD     | JAM      | JAM      | JAM      | JAM      | JAM       | JAM       | JAM       | JAM       |           | JAM       |
| 28    | JAWLEKAR AISHWARYA ULHAS | AUF      | AUF      | AUF      | AUF      | AUF       | AUF       | AUF       | AUF       | AUF       | AUF       |
| 29    | MARAGALE VIJAY DHONDIBA  | Vijay    | Vijay    | Vijay    | Vijay    | Vijay     | Vijay     | Vijay     | Vijay     | Vijay     | Vijay     |
| 30    | MEMANE PRATHAMESH        | MP       | MP       | MP       | MP       | MP        | MP        | MP        | MP        | MP        | MP        |
| 31    | MEMON KAMRAN ANIS        | Mkamran  | Mkamran  |          | Mkamran  |           | Mkamran   |           | Mkamran   |           | Mkamran   |
| 32    | MEMON ZAID HANIF         | Memon    | Memon    | Memon    | Memon    | Memon     | Memon     | Memon     | Memon     | Memon     |           |
| 33    | KUMAWAT NUKSHA PURVA     | KNP      | KNP      | KNP      | KNP      | KNP       | KNP       | KNP       |           | KNP       | KNP       |
| 34    | KURAPATI POOJA LAXMIKANT | Pooja    | Pooja    | Pooja    | Pooja    | Pooja     | Pooja     | Pooja     | Pooja     | Pooja     | Pooja     |
| 35    | LAGAD AKSHAY SUBHASH     | ASL      | ASL      | ASL      | ASL      | ASL       | ASL       | ASL       | ASL       | ASL       | ASL       |
| 36    | LAVATE SHRUTI            | JS       | JS       | JS       | JS       | JS        | JS        | JS        | JS        | JS        | JS        |
| 37    | LONKAR KOMAL CHANGDEV    | Komal    | Komal    | Komal    |          | Komal     | Komal     | Komal     |           | Komal     |           |
| 38    | MOHOL RUTUJA RAJESH      | R.R.M    | R.R.M    | R.R.M    | R.R.M    | R.R.M     | R.R.M     | R.R.M     | R.R.M     | R.R.M     | R.R.M     |
| 39    | MORE RUSHABH RAJENDRA    | More     | More     | More     | More     | More      | More      | More      | More      | More      | More      |
| 40    | MP SALAM SAHAD           | MP       | MP       | MP       | MP       | MP        | MP        | MP        | MP        | MP        | MP        |
| 41    | NAIK POOJA NAGESH        | Naik     | Naik     | Naik     | Naik     | Naik      | Naik      | Naik      | Naik      | Naik      | Naik      |
| 42    | NIKAM ARATI SAMBHAJI     | Arati    | Arati    | Arati    | Arati    | Arati     | Arati     | Arati     | Arati     | Arati     | Arati     |
| 43    | NIKAM SANKET SOMNATH     | Sanket   | Sanket   | Sanket   | Sanket   | Sanket    | Sanket    | Sanket    | Sanket    | Sanket    | Sanket    |
| 44    | OSWAL KHUSHBOO KIRAN     | OK       | OK       | OK       | OK       | OK        | OK        | OK        | OK        | OK        | OK        |





BBACT's

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE**

**AY 2017-18**

**Course : Computing with Matlab**

**Marks : 30 M**

**Q.1 Attempt all questions**

**[1X30=30Marks]**

1. What does MATLAB stand for?  
A) Matrix Analysis Language Tool  
B) Matrix Analysis Language Tool  
C) Mathematical Analysis Language  
D) Matrix Laboratory

20. What is the result of the following code in MATLAB?

```
x = 0*pi:10^-2*pi;
y = sin(x);
```

- A) x is a vector with 11 elements, y is a vector with 11 elements  
B) x is a vector with 21 elements, y is a vector with 21 elements  
C) x is a vector with 11 elements, y is a vector with 21 elements  
D) x is a vector with 21 elements, y is a vector with 11 elements

2. Which command in MATLAB is used to create a new variable?

- A) new  
B) var  
C) create  
D) hi

4. Which of the following statements is used to create a for loop in MATLAB?

- A) while  
B) do while  
C) for  
D) repeat until

5. Which command in MATLAB is used to display the contents of a variable?

- A) show  
B) display  
C) type  
D) print

6. What is the result of the following expression in MATLAB?  $3 \times 3 \times 3$

- A) 16  
B) 15  
C) 14  
D) 18

7. Which of the following commands is used to create a matrix with all elements set to 0?

- A) zeros  
B) ones  
C) eye  
D) rand



8. Which of the following commands is used to calculate the square root of a number in MATLAB?

- A) sqrt
- B) root
- C) power
- D) exp

9. Which of the following commands is used to generate a random number in MATLAB?

- A) random
- B) rand
- C) randn
- D) randomize

10. Which of the following commands is used to read input from the user in MATLAB?

- A) input
- B) read
- C) readln
- D) get

11. Which command in MATLAB is used to create a plot?

- A) plot
- B) createplot
- C) drawplot
- D) makeplot

12. Which of the following commands is used to find the maximum element of a matrix in MATLAB?

- A) min
- B) max
- C) maximum
- D) findmax

13. Which of the following commands is used to concatenate two matrices vertically in MATLAB?

- A) horzcat
- B) vertcat
- C) cat
- D) merge

14. Which of the following commands is used to calculate the dot product of two vectors in MATLAB?

- A) dot
- B) cross
- C) inner
- D) Coma

15. Which of the following commands is used to convert a string to uppercase in MATLAB?

- A) upper
- B) toUpperCase
- C) toUpper
- D) uppercase

16. Which of the following commands is used to round a number to the nearest integer in MATLAB?

- A) round
- B) ceil
- C) floor
- D) fix

17. Which of the following commands is used to find the indices of the non-zero elements in a matrix in MATLAB?

- A) nonzero
- B) find
- C) index
- D) locate

18. Which of the following commands is used to generate a random number between 0 and 1 in MATLAB?

- A) random
- B) rand
- C) randomize
- D) randm

19. Which of the following commands is used to calculate the inverse of a matrix in MATLAB?

- A) inverse
- B) inv
- C) transpose
- D) invert

20. Which of the following commands is used to calculate the square root of a number in MATLAB?

- A) sqrt
- B) square
- C) squareroot
- D) root

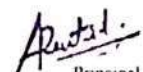


BRACT's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Computing with MATLAB / Scilab"  
Marksheet

| Sr. No | Student Name              | Marks |
|--------|---------------------------|-------|
| 1      | DAYAMA DIKSHA SANJAY      | 17    |
| 2      | DAREKAR SNEHAL SANDEEP    | 18    |
| 3      | DALE SUPRIYA BHAUSAHEB    | 16    |
| 4      | CHIKANE YUVRAJ SANJAY     | 17    |
| 5      | DEGLOORAKAR SHREYAS       | 15    |
| 6      | DHAGE POOJA SANTOSH       | 19    |
| 7      | DHANDEKAR SHUBHAM         | 17    |
| 8      | DHOTRE RUTVIK NIKHIL      | 18    |
| 9      | DHUMAL ATHARVA JITENDRA   | 17    |
| 10     | DHUMAL HIMANSHU SUDHIR    | 18    |
| 11     | GANIRE AJAY DNYANESHWAR   | 16    |
| 12     | GAWADE DAKSHIATA ANAND    | 15    |
| 13     | GHODKE ROHAN RAJENDRA     | 17    |
| 14     | GURAV SHRADDHA            | 18    |
| 15     | HOLAMBE MANDAKINI LAXMA   | 16    |
| 16     | INAMDAR SHANTANU SUHAS    | 19    |
| 17     | JADHAV APOORVA            | 15    |
| 18     | JADHAV CHITRANSHI VITTHAL | 16    |
| 19     | JAGTAP ASMITA SUBHASH     | 18    |
| 20     | JAIN DHANRAJ RAJENDRA     | 16    |
| 21     | JAIN MAHIMA SURESH        | 15    |
| 22     | JAIN MANALI ASHOK         | 16    |
| 23     | MACKWAN SHARON SAMUEL     | 19    |
| 24     | MAHAJAN ANUSHIKA PRAVIN   | 14    |
| 25     | MALHARE SHIVAM SANJAY     | 18    |
| 26     | JAIN PRIYANKA VIJAY       | 17    |
| 27     | JAMADAR AFREEN MURAD      | 19    |
| 28     | JAWLEKAR AISHWARYA ULHA   | 16    |
| 29     | MARAGALE VIJAY DHONDIBA   | 18    |
| 30     | MEMANE PRATHAMESH         | 18    |
| 31     | ME-MON KAMRAN ANIS        | 17    |
| 32     | MEMON ZAID HANIF          | 16    |
| 33     | KUMAWAT NUKSIA PURVA      | 15    |
| 34     | KURAPATI POOJA LAXMIKANT  | 17    |
| 35     | LAGAD AKSHAY SUBHASHI     | 16    |
| 36     | LAVATE SHRUTI             | 15    |
| 37     | LONKAR KOMAL CHANGDEV     | 16    |
| 38     | MOHOL RUTUJA RAJESH       | 19    |
| 39     | MORE RUSHABH RAJENDRA     | 15    |
| 40     | MP SALAM SAHAD            | 19    |
| 41     | NAIK POOJA NAGESH         | 15    |
| 42     | NIKAM ARATI SAMBHAJI      | 16    |
| 43     | NIKAM SANKET SOMNATHI     | 19    |
| 44     | OSWAL KHUSHBOO KIRAN      | 17    |



  
Principal  
Dr. Anurag R. Patil  
PRINCIPAL

Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.



*Bansilal Ramnath Agarwal Charitable Trust's*

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**

*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE  
COMPUTING WITH MATLAB/SCILAB

This certificate is presented to Mr./Ms. **Jain Manali** for successfully completing **Computing with MATLAB/Scilab**, for the Academic Year 2017-18, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**  
Co-ordinator - IQAC

**Swati Sathye**  
HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**  
HOD - Computer  
Science Department

**Dr. Arun R. Patil**  
Principal





**BRACT's  
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE**

**NOTICE**

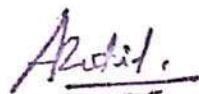
**Date: 21/07/2017**

All the students of **TYBSc(CS)** and **TYBCA** are hereby informed that VCACS has organized value added course on “**Computing With JAVA(24 Hours)**” from 27<sup>th</sup> July, 2017 to 03<sup>rd</sup> August, 2017. Registration is mandatory for course. For registration contact Prof.Swati Patil.

Students must wear ID cards.

  
**HOD**

**(Science)**

  
Dr. Arun R. Patil  
**PRINCIPAL**  
Vishwakarma College of Arts  
Commerce & Science  
Khadshwa(74), Pune - 411 013.

**Principal**

BRACT's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

**Value Added Course on "Computing with JAVA"  
Enrolled Student List**

| Sr. No | Student Name              | Sign      |
|--------|---------------------------|-----------|
| 1      | ABDELA MAJID DRIS MOHAMED | Amahmed   |
| 2      | ATHA BHOOMISH DILIP       | (AB)      |
| 3      | JANGID SUNIL BABUL-AL     | J Sunil   |
| 4      | KALE SAURABH SATISH       | KSS       |
| 5      | KAMBLE RITESH VINOD       | R Kamble  |
| 6      | NIRMAL MAYUR SHANTARAM    | NS        |
| 7      | PANCHAL DIPAK SHESHERAO   | Dipak     |
| 8      | PARGOND PREETI PRAKASH    | Preeti    |
| 9      | PATEL ANKITAJI            | Ankita    |
| 10     | PATIL NIHAR VIJAY         | Patil     |
| 11     | AGARWAL AKASH ASHISH      | Patil     |
| 12     | AI DE SANGRAM SHIVLING    | A Sangram |
| 13     | BACHU VISHAL NAGRAJ       | (BS)      |
| 14     | BARGAJE AKANKSHA          | akanksha  |
| 15     | BIRADAR ADINATH BALAJI    | Aji       |
| 16     | BIRADARAMOL CHANDRAKANT   | UB        |
| 17     | CHAUBEY SWANAND SHESDHAR  | Yuanand   |
| 18     | CHAVAN ROHITVILAS         | Rohit     |
| 19     | CHINNI TEJAS NAGANATH     | CS        |
| 20     | RINKI SINHA               | Rinki     |
| 21     | SABLE KUNAL RAJENDRA      | Kunal     |
| 22     | SAWANT GERARD SUDEEP      | Sawant    |
| 23     | SAYAGAON GANGOTRI         | SG        |
| 24     | SHAH NISARG MANOJKUMAR    | NSM       |
| 25     | SHAIKH AL-AM ALTAF        | Altaf     |
| 26     | CHOUDHARY HARSH DEVARAM   | HC        |
| 27     | CHOUDHARY KARISHMA        | Karishma  |
| 28     | SHEVATE RHUGVED VILAS     | Shivte    |
| 29     | SHITOLE KOMAL RAJENDRA    | Shitole   |
| 30     | SONI ESHWARPRASAD         | Eshwar    |

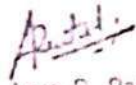


A. Patil  
Principal  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.



|    |                            |          |
|----|----------------------------|----------|
| 31 | SUTAR ARTEE RAMCHANDRA     | Artee    |
| 32 | TEJWANI BHAVANA DEEPAK     | T Deepak |
| 33 | THAKARE APURVA SACHIN      | A Purva  |
| 34 | HASJIJA PRATIK SATISH      | Pratik   |
| 35 | HAVALDAR MAYUR LAXMAN      | A Laxman |
| 36 | HIREMATH PRACHI RAJESH     | Prachi   |
| 37 | INAMDAR BILAL JAVED        | Inamdar  |
| 38 | INDIA BHUPATI VENKAT SAI   | Sai      |
| 39 | JAGTAP MAYUR ANIL          | Anil     |
| 40 | PAWAR NEHAASHOK            | Neha     |
| 41 | POL CHITRA NACU            | Chitra   |
| 42 | RASKAR SUYOG RAJARAM       | Suyog    |
| 43 | KAD SIMRAN RAJENDRA        | Rajendra |
| 44 | KADAM NIKEETA PRAKASH      | KN.      |
| 45 | KAKADE MAKARAND SUBHASH    | Makarand |
| 46 | KARNAWAT HARSH AJIT        | Harsh    |
| 47 | KHAN MOHAMMEDZAI YUSUF     | Yusuf    |
| 48 | KOKARE HRISHIKESH RAJESH   | Hrishi   |
| 49 | KUDALE GAURI DHANAJI       | Gauri    |
| 50 | KULTHE YADNESH SHAILESH    | Yadnesh  |
| 51 | KUNCHETTI KOMAL SHIRINIWAS | Komal    |
| 52 | LIMBORE GAURAV RAMESH      | LR       |



  
 Dr. Arun R. Patil  
 PRINCIPAL  
 Vishwakarma College of Arts,  
 Commerce & Science  
 Kondhwa(Bk.), Pune-411 048.



**BRACT's**

**Vishwakarma College of Arts, Commerce and Science, Pune**

**Department of Science**

**Add On Course on**

**COMPUTING WITH JAVA**

**AY 2017-18**

**Course Objectives:**

To understand fundamentals of programming such as variables, conditional and iterative execution and methods etc.

**Duration of the Program:**

Certificate course in computing with java is a s program for 24 hours of lecture.

**Course Content:**

| Unit no. | Contents                 | Teaching Hours |
|----------|--------------------------|----------------|
| 1        | HTML                     | 6 Hours        |
| 2        | CSS AND BOOTSTRAP        | 6 Hours        |
| 3        | JAVASCRIPT AND CORE JAVA | 6 Hours        |
| 4        | J2EE                     | 6 Hours        |

**Expected Outcome:**

It allows students to create modular programs and reusable code









| sr.no | Student Name              | Class   | 7/27/2017 | 7/28/2017 | 7/29/2017 | 7/31/2017 | 8/1/2017  | 8/2/2017  | 8/3/2017  |
|-------|---------------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 26    | CHOUDHARY HARISH DEVARAM  | TYBScCS | HC        | HC        | HC        | Harish    | HC        | HC        | HC        |
| 27    | CHOUDHARY KARISHMA        | TYBScCS | Harish    | Harish    | Harish    | Harish    | Harish    | Harish    | Harish    |
| 28    | SHEVATE RHUGVED VILAS     | TYBBACA | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    |
| 29    | SHITOLE KOMAL RAJENDRA    | TYBBACA | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    |
| 30    | SONI ESHWARPRASAD         | TYBBACA | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    |
| 31    | SUTAR ARTEE RAMCHANDRA    | TYBBACA | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    |
| 32    | TEJWANI BHAVANA DEEPAK    | TYBBACA | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    |
| 33    | THAKARE APURVA SACHIN     | TYBBACA | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    | Shivte    |
| 34    | HASIJA PRATIK SATISH      | TYBScCS | Pratik    | Pratik    | Pratik    | Pratik    | Pratik    | Pratik    | Pratik    |
| 35    | HAVALDAR MAYUR LAXMAN     | TYBScCS | H Laxman  | H Laxman  | H Laxman  | H Laxman  | H Laxman  | H Laxman  | H Laxman  |
| 36    | HIEMATH PRACHI RAJESH     | TYBScCS | Prachi    | Prachi    | Prachi    | Prachi    | Prachi    | Prachi    | Prachi    |
| 37    | INAMDAR BILAL JAVED       | TYBScCS | Inamdar I | Inamdar I | Inamdar I | Inamdar I | Inamdar I | Inamdar I | Inamdar I |
| 38    | INDLA BHUPATI VENKAT SAI  | TYBScCS | Sai       | Sai       | Sai       | Sai       | Sai       | Sai       | Sai       |
| 39    | JAGTAP MAYUR ANIL         | TYBScCS | Anil      | Anil      | Anil      | Anil      | Anil      | Anil      | Anil      |
| 40    | PAWAR NEHA ASHOK          | TYBBACA | Neha      | Neha      | Neha      | Neha      | Neha      | Neha      | Neha      |
| 41    | POL CHITRA NAGU           | TYBBACA | Chitra    | Chitra    | Chitra    | Chitra    | Chitra    | Chitra    | Chitra    |
| 42    | RASKAR SUYOG RAJARAM      | TYBBACA | Suyog     | Suyog     | Suyog     | Suyog     | Suyog     | Suyog     | Suyog     |
| 43    | KAD SIMRAN RAJENDRA       | TYBScCS | Simran    | Simran    | Simran    | Simran    | Simran    | Simran    | Simran    |
| 44    | KADAM NIKEETA PRAKASH     | TYBScCS | KN        | KN        | KN        | KN        | KN        | KN        | KN        |
| 45    | KAKADE MAKARAND SUBHASH   | TYBScCS | Makarand  | Makarand  | Makarand  | Makarand  | Makarand  | Makarand  | Makarand  |
| 46    | KARNAWAT HARSH AJIT       | TYBScCS | Harsh     | Harsh     | Harsh     | Harsh     | Harsh     | Harsh     | Harsh     |
| 47    | KHAN MOHAMMEDZAI YUSUF    | TYBScCS | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      | Khan      |
| 48    | KOKARE HRISHIKESH RAJESH  | TYBScCS | Kokare    | Kokare    | Kokare    | Kokare    | Kokare    | Kokare    | Kokare    |
| 49    | KUDALE GAURI DHANAJI      | TYBScCS | Gauri     | Gauri     | Gauri     | Gauri     | Gauri     | Gauri     | Gauri     |
| 50    | KULTHE YADNESH SHAILESH   | TYBScCS | Skulthe   | Skulthe   | Skulthe   | Skulthe   | Skulthe   | Skulthe   | Skulthe   |
| 51    | KUNCHETTI KOMAL SHRINIWAS | TYBScCS | KG        | KG        | KG        | KG        | KG        | KG        | KG        |
| 52    | LIMBORE GAURAV RAMESH     | TYBScCS | LG        | LG        | LG        | LG        | LG        | LG        | LG        |







BRACT's

VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE.  
PUNE

AY 2017-18

Course : Report on value added course computing with JAVA

Marks :20 M

Q.1 Attempt all questions

[1X20=20Marks]

1. Which of these components are used in a Java program for compilation, debugging, and execution?

- a. JDK
- b. JVM
- c. JRE
- d. JIT

2. Which of these literals can be contained in a float data type variable?

- a. -3.4e+050
- b. +1.7e+308
- c. -3.4e+038
- d. -1.7e+308

3. What is BigDecimal.ONE?

- a. it is a custom-defined statement
- b. it is a wrong statement
- c. it is a static variable that has a value of 1 on a scale of 0
- d. it is a static variable that has a value of 1 on a scale of 10

4. When an expression consists of int, double, long, float, then the entire expression will get promoted into a data type that is:

- a. float
- b. double
- c. int
- d. long

5. Which of the following operators can operate on a boolean variable?

- A. &&
- B. ==
- C. ?
- D. +=

- a) C & B
- b) A & D
- c) A, B & D
- d) A, B & C

6. Out of these statements, which ones are incorrect?

- a. The Brackets () have the highest precedence
- b. The equal to = operator has the lowest precedence
- c. The addition operator + and the subtraction operator - have an equal precedence
- d. The division operator / has comparatively higher precedence as compared to a multiplication operator





11. How does one identify if a compilation unit is an interface or class from a .class file?
- a Extension of the compilation unit
  - b Java source file header
  - c The class and interface cannot be differentiated
  - d The unit type must be used to postfix interface or class name
12. Out of these methods of the String class, which one can be used for testing the strings for equality?
- a isequals()
  - b isequal()
  - c equals()
  - d equal()
13. What would happen to the thread whenever the garbage collection kicks off?
- a The garbage collection won't happen until the running of the thread
  - b The thread would continue its operation
  - c The garbage collection and the thread don't interfere with each other
  - d The thread would be paused while the running of the garbage collection
14. Out of these, which one is the correct way of calling a constructor that has no parameters of the superclass A by the subclass B?
- a superclass ()
  - b super(void)
  - c super();
  - d super A();
15. Out of these methods of the Object class, which one can clone an object?
- a Object clone()
  - b clone()
  - c Object copy()
  - d copy()
16. Out of these packages, which one contains an abstract keyword?
- a java util
  - b java lang
  - c java system
  - d java
17. Out of these methods, which one can be used for converting all the characters present in a String into an Array of characters?
- a both getChars() & toCharArray()
  - b both charAt() & getChars()
  - c charAt()
  - d all of the mentioned
18. What value is returned by the compareTo() function in case the invoking string happens to be greater than the compared string?
- a a value that is greater than zero
  - b a value that is less than zero
  - c zero
  - d none of the above
19. Out of these exceptions, which one is thrown by the compareTo() method that is defined in a double wrapper?
- a SystemException
  - b ClassCastException
  - c IOException
  - d CastException
20. Where does the String Pool get stored?
- a Metaspace
  - b Java Stack
  - c Java Heap
  - d Permanent Generation

BRACT's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

**Value Added Course on "Computing with JAVA"  
Marksheet**

| Sr. No | Student Name             | Marks |
|--------|--------------------------|-------|
| 1      | ABDELAMAJID DRIS MOHAMED | 19    |
| 2      | ATHA BHOMISH DILIP       | 15    |
| 3      | JANGID SUNIL BABUL-AL    | 19    |
| 4      | KALE SAURABH SATISH      | 16    |
| 5      | KAMBLE RITESH VINOD      | 16    |
| 6      | NIRMAL MAYUR SHANTARAM   | 17    |
| 7      | PANCHAL DIPAK SHESHERAO  | 16    |
| 8      | PARGOND PREETI PRAKASHI  | 19    |
| 9      | PATELANKITAJIT           | 18    |
| 10     | PATIL NIHAR VIJAY        | 17    |
| 11     | AGARWAL AKASHI ASHISH    | 15    |
| 12     | ALDE SANGRAM SHIVLING    | 17    |
| 13     | BACHU VISHAAL NAGRAJ     | 16    |
| 14     | BARGAJE AKANKSHA         | 17    |
| 15     | BIRADAR ADINATHI BALAJI  | 18    |
| 16     | BIRADARAMOI CHANDRAKANT  | 17    |
| 17     | CHAUBEY SWANAND SHESDHAR | 18    |
| 18     | CHAVAN ROHIT VILAS       | 16    |
| 19     | CHINNI TEJAS NAGANATHI   | 18    |
| 20     | RINKI SINHA              | 16    |
| 21     | SABLE KUNAL RAJENDRA     | 19    |
| 22     | SAWANT GERARD SUDEEP     | 15    |
| 23     | SAYAGAON GANGOTRI        | 18    |
| 24     | SHAIH NISARG MANOJKUMAR  | 16    |
| 25     | SHAIKH AI-AM ALTAF       | 17    |
| 26     | CHOUDHARY HARSH DEVARAM  | 18    |
| 27     | CHOUDHARY KARISHMA       | 15    |
| 28     | SHEVATE RHUGVED VILAS    | 17    |
| 29     | SHITOLE KOMAL RAJENDRA   | 18    |
| 30     | SONI ESHWARPRASAD        | 20    |



|    |                           |    |
|----|---------------------------|----|
| 31 | SUTAR ARTEE RAMCHANDRA    | 18 |
| 32 | TEJWANI BHAVANA DEEPAK    | 17 |
| 33 | THAKARE APURVA SACHIN     | 18 |
| 34 | HASHA PRATIK SATISH       | 19 |
| 35 | HAVAI DAR MAYUR LAXMAN    | 19 |
| 36 | HIREMATH PRACHI RAJESH    | 14 |
| 37 | INAMDAR BILAL JAVED       | 16 |
| 38 | INDIA BHUPATI VENKAT SAI  | 16 |
| 39 | JAGTAP MAYUR ANIL         | 15 |
| 40 | PAWAR NEHAASHOK           | 17 |
| 41 | POL CHITRA NAGU           | 18 |
| 42 | RASKAR SUYOG RAJARAM      | 16 |
| 43 | KAD SIMRAN RAJENDRA       | 19 |
| 44 | KADAM NIKHIL PRAKASH      | 15 |
| 45 | KAKADE MAKARAND SUBHASH   | 18 |
| 46 | KARNAWAT HARSH AJIT       | 16 |
| 47 | KHAN MOHAMMID ZAI D YUSUF | 17 |
| 48 | KOKARE HRISHIKESH RAJESH  | 18 |
| 49 | KUDALE GAURI DHANAJI      | 19 |
| 50 | KULTHE YADNESH SHAILESH   | 14 |
| 51 | KUNCHETTI KOMAL SHRINIWAS | 18 |
| 52 | LIMBORE GAURAV RAMESH     | 17 |

GM  
HOD

*Patil*  
Dr. Anil B. Patil  
PRINCIPAL

Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa (Ex.), Pune-411 048.



*Bansilal Ramnath Agarwal Charitable Trust's*  
**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE**  
*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE  
**COMPUTING WITH JAVA**

This certificate is presented to Mr./Ms. **Patil Nihar** for successfully completing **Computing With JAVA**, for the Academic Year 2017-18, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**  
Co-ordinator - IQAC

**Swati Sathye**  
HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**  
HOD - Computer  
Science Department

**Dr. Arun R. Patil**  
Principal





**BRACT'S**  
**VISHWAKARMA COLLEGE OF ARTS, COMMERCER, AND SCIENCE,**  
**PUNE**

**Date: 16/08/2017**

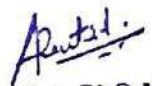
**Notice**

All students of B.Sc (CS), BBA (CA) are hereby informed that Vishwakarma College of Arts, Commerce, And Science, Pune has organized Value Added Course on "Microsoft Certification Course in Cyber security and Ethical Hacking(24 hours)" form 21<sup>st</sup> August, 2017 to 30<sup>th</sup> August 2017 two hours daily at 9:00 am to 11:00pm.

Attendance is mandatory for all. For registration contact to Prof .Prajakta Patil

  
**HOD**

**(Science)**

  
**Dr. Prajakta Patil**  
**PRINCIPAL**  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.

BRACT'S  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Microsoft Certification in Cyber Security and Ethical  
Hacking"  
Enrolled Student List

| Sr. No | Student Name                   | Sign    |
|--------|--------------------------------|---------|
| 1      | INDALKAR OMKAR KRISHINA        | omkar   |
| 2      | JADHAV OMKAR VINOD             | JO      |
| 3      | JAGDALE SANKET RAJKUMAR        | Sanket  |
| 4      | JAGTAP SHUBHAM DATTATRAY       | Jagtap  |
| 5      | JAIN RUCHIKA VIKAS             | Ruchika |
| 6      | JOSHI ATHARVA VIJAY            | Joshi   |
| 7      | KALE SHUBHAM SAMBHAJI          | Kale    |
| 8      | SHELKE RAMESHWAR SUBHASH       | SPB     |
| 9      | SHENDKAR AARTI POPAT           | Aarti   |
| 10     | SHINDE MAHESHWARI MANOJ        | Pshinde |
| 11     | SHINDE PRIYANKA SUNIL          | SP      |
| 12     | SHITOLE PRITHVIRAJ SACHIN      | SB      |
| 13     | SISODE MAYUR CHARUDATTA        | Bhakti  |
| 14     | SONALI BHARATI                 | Anuleer |
| 15     | SONAWANE ANIKET ADINATH        | PHD     |
| 16     | DALVI POOJA HARIBHAU           | DP      |
| 17     | DESPANDE PRAJAKTA LAXMIKANT    | DAF     |
| 18     | DHARIWALA HUSSAIN FAZAL        | Snehal  |
| 19     | DIGHE SNEHAL SATISH-           | Ganbare |
| 20     | GAVHANE HRUSHIKESH CHANDRAKANT | HG      |
| 21     | GAWLI AKANKSHA BALKRISHNA      | GAJB    |



*Patil*  
Dr. Arun R. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.





Sc

**BRACT's**  
**Vishwakarma College of Arts, Commerce and Science, Pune**  
**Department of Science**  
**Value Added Course**

**MICROSOFT CERTIFICATION IN CYBER SECURITY AND ETHICAL HACKING**  
**AY 2017-18**

**Course Objectives:**

To evaluate the security of and identify vulnerabilities in target systems, networks or system infrastructure.

**Duration of the Program:**

Certificate course Microsoft certification in cyber security and ethical hacking is a s program for 24 hours of lecture.

**Course Content:**

| Unit no. | Contents                                                                                                                     | Teaching Hours |
|----------|------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1        | <ul style="list-style-type: none"><li>• Introduction to ethical hacking</li><li>• Foot printing and Reconnaissance</li></ul> | 6 Hours        |
| 2        | <ul style="list-style-type: none"><li>• Scanning Networks</li><li>• Enumeration</li></ul>                                    | 6 Hours        |
| 3        | <ul style="list-style-type: none"><li>• Malware threats</li><li>• Sniffing</li></ul>                                         | 6 Hours        |
| 4        | <ul style="list-style-type: none"><li>• IOT hacking</li><li>• Cloud Computing</li><li>• Cryptography</li></ul>               | 6 Hours        |

**Expected Outcome:**

Students will be able to plan a vulnerability assessment and penetration test for a network.



# Vishwakarma College of Arts ,Commerce and Science

Attendance value added course

Microsoft Certification In CyberMicrosoft Certification In Cyber Security and Ethical Hacking(24 hours)

Time:- 10:00 to 6:00 pm  
(8 hours daily)

Course :BScCS, BBACA

| sr.no | Student Name                   | 8/21/2017 | 8/22/2017 | 8/23/2017 |
|-------|--------------------------------|-----------|-----------|-----------|
| 1     | INDALKAR OMKAR KRISHHNA        | omkar     | omkar     | omkar     |
| 2     | JADHAV OMKAR VINOD             | JO        | JO        | JO        |
| 3     | JAGDALE SANKET RAJKUMAR        | sanket    | sanket    | sanket    |
| 4     | JAGTAP SHUBHAM DATTATRAY       | Jagtap    | Jagtap    | Jagtap    |
| 5     | JAIN RUCHIKA VIKAS             | Ruchika   | Ruchika   | Ruchika   |
| 6     | JOSHI ATHARVA VIJAY            | Joshi     | Joshi     | Joshi     |
| 7     | KALE SHUBHAM SAMBHAJI          | Kale      | Kale      | Kale      |
| 8     | SHELKE RAMESHWAR SUBHASH       | SRB       | SRB       | SRB       |
| 9     | SHENDKAR AARTI POPAT           | Aarti     | Aarti     | Aarti     |
| 10    | SHINDE MAHESHWARI MANOJ        | PS        | PS        | PS        |
| 11    | SHINDE PRIYANKA SUNIL          | PShinde   | PShinde   | PShinde   |
| 12    | SHITOLE PRITHVIRAJ SACHIN      | SP        | SP        | SP        |
| 13    | SISODE MAYUR CHARUDATTA        | SB        | SB        | SB        |
| 14    | SONALI BHARATI                 | Bharati   | Bharati   | Bharati   |
| 15    | SONAWANE ANIKET ADINATH        | Aniket    | Aniket    | Aniket    |
| 16    | DALVI POOJA HARIBHAU           | PHD       | PHD       | PHD       |
| 17    | DESHPANDE PRAJAKTA LAXMIKANT   | PP        | PP        | PP        |
| 18    | DHARIWALA HUSSAIN FAZAL        | DHF       | DHF       | DHF       |
| 19    | DIGHE SNEHAL SATISH-           | snehal    | snehal    | snehal    |
| 20    | GAVHANE HRUSHIKESH CHANDRAKANT | Gavhane   | Gavhane   | Gavhane   |
| 21    | GAWLI AKANKSHA BALKRISHNA      | GAB       | GAB       | GAB       |






BRACT'S  
**Vishwakarma College of Arts, Commerce and Science**  
**AY 2017-18**  
Value Added Course on "Microsoft Certification in Cyber Security and Ethical  
Hacking"  
Marksheet

| Sr. No | Student Name                   | Marks |
|--------|--------------------------------|-------|
| 1      | INDALKAR OMKAR KRISHHNA        | 87    |
| 2      | JADHAV OMKAR VINOD             | 75    |
| 3      | JAGDALE SANKET RAJKUMAR        | 79    |
| 4      | JAGTAP SHUBHAM DATTATRAY       | 82    |
| 5      | JAIN RUCHIKA VIKAS             | 73    |
| 6      | JOSHI ATHARVA VIJAY            | 84    |
| 7      | KALE SHUBHAM SAMBHAJI          | 78    |
| 8      | SHELKE RAMESHWAR SUBHASH       | 90    |
| 9      | SHENDKAR AARTI POPAT           | 84    |
| 10     | SHINDE MAHESHWARI MANOJ        | 76    |
| 11     | SHINDE PRIYANKA SUNIL          | 85    |
| 12     | SHITOLE PRITHVIRAJ SACHIN      | 86    |
| 13     | SISODE MAYUR CHARUDATTA        | 77    |
| 14     | SONALI BHARATI                 | 72    |
| 15     | SONAWANE ANIKET ADINATH        | 85    |
| 16     | DALVI POOJA HARIBHAU           | 89    |
| 17     | DESHPANDE PRAJAKTA LAXMIKANT   | 90    |
| 18     | DHARIWALA HUSSAIN FAZAL        | 85    |
| 19     | DIGHE SNEHAL SATISH-           | 87    |
| 20     | GAVHANE HRUSHIKESH CHANDRAKANT | 86    |
| 21     | GAWLI AKANKSHA BALKRISHNA      | 78    |

  
HOD

  
Principal  
Dr. Arun R. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.



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*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

**NAAC ACCREDITED WITH B+ GRADE**

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE

**MICROSOFT CERTIFICATION IN CYBER  
SECURITY AND ETHICAL HACKING**

This certificate is presented to Mr./Ms. **Jain Ruchika Vikas** for successfully completing **Microsoft Certification in Cyber Security and Ethical Hacking**, for the Academic Year 2017-18, organized by **Vishwakarma College of Arts, Commerce and Science, Pune.**

**Prof. Anjum A. Patel**  
Co-ordinator - IQAC

**Swati Sathye**  
HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**  
HOD - Computer  
Science Department

**Dr. Arun R. Patil**  
Principal






**BRACT's  
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE**


**NOTICE**

**Date: 10/08/2017**

All the students of **FYBSc(CS)** are hereby informed that VCACS has organized value added course on **“Statistical Method(16 Hours)”** from 16<sup>th</sup> August, 2017 to 24<sup>th</sup> August, 2017 two hours daily. Registration is mandatory for course. For registration contact Prof. Ruta Vaidya.

Students must wear ID cards.

  
**HOD**  
**(Science)**

  
**Principal**  
Dr. Arun B. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.

BRACT'S  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Statistical Method"  
Enrolled Student List

| Sr. No | Student Name                | Sign      |
|--------|-----------------------------|-----------|
| 1      | KAMTHE ROHIT ROHIDAS        | RAR       |
| 2      | KANTHE SHIVANI ANAND        | -SIRKI    |
| 3      | KARALKAR LAXMAN SHRIKANT    | LK        |
| 4      | KASTE ASHWINI TUKARAM       | Ashwini   |
| 5      | KATKAD AJINKYA MAHENDRA     | AKM       |
| 6      | KATKAR OMKAR VIJAY          | Kankar    |
| 7      | KAVCHALE MAHENDRA SHIVAJI   | KM        |
| 8      | KEDAR VILAS SANGARE         | Vilas     |
| 9      | KEDASE SUMIT SITARAM        | Sumit     |
| 10     | KEI-ASKAR OMKAR ANKUSH      | KOKA      |
| 11     | KHARADE AJINKYA AVINASH     | AKA       |
| 12     | KHARAT JANHAVI BALU         | Janhui    |
| 13     | KHUSHBOO SHAH               | HSH       |
| 14     | KIRAD BURANE GOVINDA        | K B.      |
| 15     | KIRDAT NIRANJAN VIJAY       | Kirdat    |
| 16     | KISAVE KARAN SHANKAR        | Koli      |
| 17     | KOLI MANISH DILIP           | Karan     |
| 18     | KONDHALKAR ABHISHEK RAJARAM | AKR       |
| 19     | KOTHARI YOGESH SANDEEP      | Yogesh    |
| 20     | KUDALE KAJAL DHANAJI        | Kajal     |
| 21     | KUMAR ASHISH YASHWANT KUMAR | K R       |
| 22     | KUMAVAT ARJUN RAMLAL        | Arjun     |
| 23     | KUSHWAHA NISHANT KESHAV     | KR        |
| 24     | LADE MANGESH BAL-VVANT      | LM        |
| 25     | LODHA ROHIT DILIP           | Rohit     |
| 26     | LONKAR ONKAR SADASHIV       | LS        |
| 27     | LUHANA TAMANNA TULSIDAS     | L Tamanna |
| 28     | MADDEWAD TUSHAR NAGNATH     | MT        |
| 29     | MAHALUNKAR SANDP KAI-ASH    | Sandip    |
| 30     | MAHANGADE SHWETA KESHAV     | MS        |
| 31     | MALLIK MUSKAN MOHIDUL       | Muskan    |
| 32     | MANE PRIYA PARSHURAM        | Priya     |
| 33     | MARATHE SUDARSHAN SANTOSH   | M.S.S.    |
| 34     | MATHEW JOBIN JOY            | Jobin     |
| 35     | MEGHA JAYARAJAN             | Megha     |
| 36     | MHASKAR PRAMOD ANIL         | MP        |
| 37     | MHETRE YASH NAVNATH         | Yash      |
| 38     | MOHITE SHREYA SURYAKANT     | Shreya    |
| 39     | MUNDHE SAYALI BABASAHEB     | MS        |
| 40     | BIBAVE MAYUR SANTOSH        | mayur     |
| 41     | CHANDGUDE SHANTANU SANDIP   | (S)       |
| 42     | CHOUDHARI MEGHANA SHRIHARI  | Meghana   |
| 43     | CHOUDHARY ASHISH PRATAP     | CRP       |
| 44     | CHOUDHARY RAMILA DHANRAJ    | Ramila    |
| 45     | CHOUHAN MANISH ASHOK        | CM        |
| 46     | DANVE DUVESH SHEKHAR        | DD        |
| 47     | DAVE MANTHAN DAMODARLAL     | Dave      |



*Arundhati*  
 Dr. Arun R. Patil  
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 Vishwakarma College of Arts,  
 Commerce & Science  
 Kondhwa(Bk.), Pune-411 048.





**BRACT's**

**Vishwakarma College of Arts, Commerce and Science, Pune**

**Department of Science**

**Value Added Course on**

**Statistical Method**

**AY 2017-18**

**Course Objectives:**

- To identify trend in market.
- To develop specific career skills.

**Duration of the Program:**

Certificate course statistical method is a program for 16 hours of lectures.

**Course Content:**

| Unit no. | Contents                                                  | Teaching Hours |
|----------|-----------------------------------------------------------|----------------|
| 1        | General nature and scope of statistical methods           | 4 Hours        |
| 2        | Central tendency                                          | 4 Hours        |
| 3        | Dispersion                                                | 4 Hours        |
| 4        | Elementary idea of Probability and statistical population | 4 Hours        |

**Expected Outcome:**

- Students will formulate complete, concise and correct mathematical proofs.
- Conduct basic statistical analysis of data.







| sr.no | Student Name              | 8/16/2017 | 8/17/2017 | 8/18/2017 | 8/19/2017 | 8/21/2017 | 8/22/2017 | 8/23/2017 | 8/24/2017 |
|-------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 24    | LADE MANGESH BALWANT      | LM        | LM        | LM        | LM        | LM        | LM        | LM        | LM        |
| 25    | LODHA ROHIT DILIP         | Rohit     | Rohit     | Rohit     | Rohit     | Rohit     | Rohit     | Rohit     | Rohit     |
| 26    | LONKAR ONKAR SADASHIV     | LOS       | LOS       | LOS       | LOS       | LOS       | LOS       | LOS       | LOS       |
| 27    | LUHANA TAMANNA TULSIDAS   | LTan      | LTan      | LTan      | LTan      | LTan      | LTan      | LTan      | LTan      |
| 28    | MADDEWAD TUSHAR NAGNATH   | MT        | MT        | MT        | MT        | MT        | MT        | MT        | MT        |
| 29    | MAHALUNKAR SANDIP KAILASH | Sandip    | Sandip    | Sandip    | Sandip    | Sandip    | Sandip    | Sandip    | Sandip    |
| 30    | MAHANGADE SHWETA KESHAV   | HS        | HS        | HS        | HS        | HS        | HS        | HS        | HS        |
| 31    | MALLIK MUSKAN MOHIDUL     | Muskan    | Muskan    | Muskan    | Muskan    | Muskan    | Muskan    | Muskan    | Muskan    |
| 32    | MANE PRIYA PARSHURAM      | Priya     | Priya     | Priya     | Priya     | Priya     | Priya     | Priya     | Priya     |
| 33    | MARATHE SUDARSHAN SANTOSH | MSS       | MSS       | MSS       | MSS       | MSS       | MSS       | MSS       | MSS       |
| 34    | MATHEW JOBIN JOY          | Jobin     | Jobin     | Jobin     | Jobin     | Jobin     | Jobin     | Jobin     | Jobin     |
| 35    | MEGHA JAYARAJAN           | Megha     | Megha     | Megha     | Megha     | MP        | Megha     | MP        | MP        |
| 36    | MHASKAR PRAMOD ANIL       | MP        | MP        | MP        | MP        | MP        | MP        | MP        | MP        |
| 37    | MHETRE YASH NAVNATH       | Yash      | Yash      | Yash      | Yash      | Yash      | Yash      | Yash      | Yash      |
| 38    | MOHITE SHREYA SURYAKANT   | Shreya    | Shreya    | Shreya    | Shreya    | Shreya    | Shreya    | Shreya    | Shreya    |
| 39    | MUNDHE SAYALI BABASAHEB   | HS        | HS        | HS        | HS        | HS        | HS        | HS        | HS        |
| 40    | BIBAVE MAYUR SANTOSH      | mayur     | mayur     | mayur     | mayur     | mayur     | mayur     | mayur     | mayur     |
| 41    | CHANDGUDE SHANTANU SANDIP | CS        | CS        | CS        | CS        | CS        | CS        | CS        | CS        |
| 42    | CHOUHARI MEGHANA SHRIHARI | Meghana   | Meghan    | Meghan    | Meghan    | Meghan    | Meghan    | Meghan    | Meghan    |
| 43    | CHOUHARY ASHISH PRATAP    | CP        | CP        | CP        | CP        | CP        | CP        | CP        | CP        |
| 44    | CHOUHARY RAMILA DHANRAJ   | Ramila    | Ramila    | Ramila    | Ramila    | Ramila    | Ramila    | Ramila    | Ramila    |
| 45    | CHOUHAN MANISH ASHOK      | CM        | CM        | CM        | CM        | CM        | CM        | CM        | CM        |
| 46    | DANVE DUVESH SHEKHAR      | DD        | DD        | DD        | DD        | DD        | DD        | DD        | DD        |
| 47    | DAVE MANTHAN DAMODARLAL   | Dave      | Dave      | Dave      | Dave      | Dave      | Dave      | Dave      | Dave      |
| 48    |                           |           |           |           |           |           |           |           |           |
| 49    |                           |           |           |           |           |           |           |           |           |
| 50    |                           |           |           |           |           |           |           |           |           |
| 51    |                           |           |           |           |           |           |           |           |           |







BRACT's

**VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE**

**2017-18**

**Course : Statistical Method**

**Marks :20 M**

**Q.1 Attempt all questions**

**[1X20=20Marks]**

**Q.1 Which of the following values is used as a summary measure for a sample, such as a sample mean?**

- (A) Population parameter (B) Sample parameter  
(C) Sample statistic (D) Population mean

**Q.2 Which of the following is a branch of statistics?**

- (A) Descriptive statistics (B) Inferential statistics  
(C) Industry statistics (D) Both A and B

**Q.3 The control charts and procedures of descriptive statistics which are used to enhance a procedure can be classified into which of these categories?**

- (A) Behavioural tools (B) Serial tools  
(C) Industry statistics (D) Statistical tools

**Q.4 Which of the following can also be represented as sample statistics?**

- (A) Lowercase Greek letters (B) Roman letters  
(C) Associated Roman alphabets (D) Uppercase Greek letters

**Q.5 To which of the following options do individual respondents, focus groups, and panels of respondents belong?**

- A) Primary data sources B) Secondary data sources  
C) Itemised data sources D) Pointed data sources

**Q.6 What are the variables whose calculation is done according to the weight, height, and length known as?**

- (A) Flowchart variables (B) Discrete variables  
(C) Continuous variables (D) Measuring variables



**Q.7 Which method used to examine inflation rate anticipation, unemployment rate, and capacity utilisation to produce products?**

- (A) Data exporting technique (B) Data importing technique  
(C) Forecasting technique (D) Data supplying technique

**Q.8 Specialised processes such as graphical and numerical methods are utilised in which of the following?**

- (A) Education statistics (B) Descriptive statistics  
(C) Business statistics (D) Social statistics

**Q.9 What is the scale applied in statistics, which imparts a difference of magnitude and proportions, is considered as?**

- (A) Exponential scale (B) Goodness scale  
(C) Ratio scale (D) Satisfactory scale

**Q.10 Review of performance appraisal, labour turnover rates, planning of incentives, and training programs are the examples of which of the following?**

- (A) Statistics in production (B) Statistics in marketing  
(C) Statistics in finance (D) Statistics in personnel management

**Q.11. If the mean of frequency distribution is 6.5 and  $\sum f_i x_i = 120 + 2k$ ,  $\sum f_i = 20$ , then k is equal to:**

- (A) 10 (C) 5  
(B) 15 (D) 25

**Q.12.. If  $x_1, x_2, x_3, \dots, x_n$  are the observations of a given data. Then the mean of the observations will be:**

- (A).Total number of observations/Sum of observations  
(B).Sum of observations/Total number of observations  
(C).Sum of observations +Total number of observations  
(D).None of the above

**Q.13. The mode and mean are given by 5 and 6, respectively. Then the median is:**

- (A)  $17/3$  (C)  $23/3$   
(B)  $13/3$  (D) 33

**Q.14. The mean of the data: 4, 11, 5, 8, 12 is;**

- (A).16 (C)9  
(B).8 (D)15

**Q.15. The median of the data 11,12, 14, 17, 20, 27 is:**

- (A)  $30/2$  (C)  $33/2$   
(B)  $3\frac{1}{2}$  (D)  $35/2$

**Q.16. The relationship between the measure of central tendency- mean, median and mode for a moderately skewed distribution is given as:**

1. mode = 3 median – 2 mean
2. mode = median – 2 meanis:
3. mode = 2 median – 3 mean
4. mode = median – mean
- 5.

**Q. 17. What is the ratio of the sum of observations and the total number of observations called?**

- |            |                      |
|------------|----------------------|
| (A).Median | (C).Mean             |
| (B).Mode   | (D).Central Tendency |

**Q 18. The median of the data: 17, 2, 7, 27, 15, 5, 14, 8, 10, 24, 48, 10, 8, 7, 18, 28**

- |        |        |
|--------|--------|
| (A).22 | (C).10 |
| (B).12 | (D).25 |

**Q. 19: Mean of the data 2, 3, 4, 5, 0, 1, 3, 3, 4, 3 is:**

- |        |        |
|--------|--------|
| (A)2   | (C)2.8 |
| (B)2.6 | (D)2.2 |

**Q. 20. What is the class mark of the class interval 90-120?**

- |         |         |
|---------|---------|
| (A).115 | (C).105 |
| (B).90  | (D).125 |

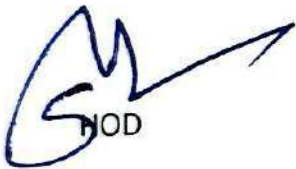



BRACT'S  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Statistical Method"  
Marksheet

| Sr. No | Student Name                | Marks |
|--------|-----------------------------|-------|
| 1      | KAMTHE ROHIT ROHIDAS        | 17    |
| 2      | KANTHE SHIVANI ANAND        | 18    |
| 3      | KARALKAR LAXMAN SHRIKANT    | 17    |
| 4      | KASTE ASHWINI TUKARAM       | 16    |
| 5      | KATKADE AJINKYA MAHENDRA    | 15    |
| 6      | KATKAR OMKAR VIJAY          | 19    |
| 7      | KAVCHALE MAHENDRA SHIVAJI   | 19    |
| 8      | KEDAR VILAS SANGARE         | 20    |
| 9      | KEDASE SUMIT SITARAM        | 17    |
| 10     | KEI-ASKAR OMKAR ANKUSH      | 18    |
| 11     | KHARADE AJINKYA AVINASH     | 20    |
| 12     | KHARAT JANHAVI BALU         | 19    |
| 13     | KHUSHBOO SHAH               | 15    |
| 14     | KIRAD BURANE GOVINDA        | 13    |
| 15     | KIRDAT NIRANJAN VIJAY       | 16    |
| 16     | KISAVE KARAN SHANKAR        | 18    |
| 17     | KOLI MANISH DILIP           | 15    |
| 18     | KONDHALKAR ABHISHEK RAJARAM | 19    |
| 19     | KOTHARI YOGESH SANDEEP      | 17    |
| 20     | KUDALE KAJAL DHANAJI        | 19    |
| 21     | KUMAR ASHISH YASHWANT KUMAR | 15    |
| 22     | KUMAVAT ARJUN RAMLAL        | 13    |
| 23     | KUSHWAHA NISHANT KESHAV     | 24    |
| 24     | LADE MANGESH BAL-VVANT      | 18    |
| 25     | LODHA ROHIT DILIP           | 17    |
| 26     | LONKAR ONKAR SADASHIV       | 16    |
| 27     | LUHANA TAMANNA TULSIDAS     | 18    |
| 28     | MADDEWAD TUSHAR NAGNATH     | 19    |
| 29     | MAHALUNKAR SANDP KAI-ASH    | 17    |
| 30     | MAHANGADE SHWETA KESHAV     | 19    |
| 31     | MALLIK MUSKAN MOHIDUL       | 18    |
| 32     | MANE PRIYA PARSHURAM        | 16    |
| 33     | MARATHE SUDARSHAN SANTOSH   | 16    |

|    |                             |    |
|----|-----------------------------|----|
| 34 | MATHEW JOBIN JOY            | 19 |
| 35 | MEGHA JAYARAJAN             | 18 |
| 36 | MHASKAR PRAMOD ANIL         | 18 |
| 37 | MHETRE YASH NAVNATH         | 19 |
| 38 | MOHITE SHREYA SURYAKANT     | 17 |
| 39 | MUNDHE SAYALI BABASAHEB     | 18 |
| 40 | BIBAVE MAYUR SANTOSH        | 19 |
| 41 | CHANDGUDE SHANTANU SANDIP   | 16 |
| 42 | CHOUHDHARI MEGHANA SHRIHARI | 15 |
| 43 | CHOUHDHARY ASHISH PRATAP    | 19 |
| 44 | CHOUHDHARY RAMILA DHANRAJ   | 17 |
| 45 | CHOUHAN MANISH ASHOK        | 18 |
| 46 | DANVE DUVESH SHEKHAR        | 19 |
| 47 | DAVE MANTHAN DAMODARLAL     | 18 |

  
NOD

  
Principal  
Dr. Arun R. Patil  
PRINCIPAL  
Vishwakarma College of Arts,  
Commerce & Science  
Kondhwa(Bk.), Pune-411 048.

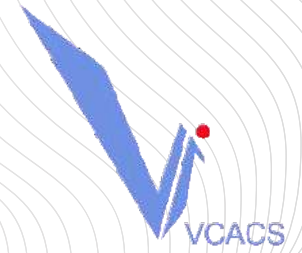


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*(Affiliated to Savitribai Phule Pune University and Recognized by Government of Maharashtra)*

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Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa(Bk), Pune-411048



# CERTIFICATE

VALUE ADDED COURSE

## STATISTICAL METHOD

This certificate is presented to Mr./Ms. **Choudhary Ramila Dhanaraj** for successfully completing **Statistical Method**, for the Academic Year 2017-18, organized by **Vishwakarma College of Arts, Commerce and Science, Pune**

**Prof. Anjum A. Patel**  
Co-ordinator - IQAC

**Swati Sathye**  
HOD - Commerce  
Department

**Prof. Sudhir D. Chitnis**  
HOD - Computer  
Science Department

**Dr. Arun R. Patil**  
Principal



BRACT's  
VISHWAKARMA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
PUNE

NOTICE

Date: 05/01/2018

All the students of Bcom are hereby informed that VCACS has organized value added course on "Banking and Finance(18 Hours)" from 12<sup>th</sup> January, 2018 to 22<sup>th</sup> January, 2018 two hours daily. Registration is mandatory for course. For registration contact Prof. Poonam Jadhav.

Students must wear ID cards.

  
HOD

(Commerce)



Dr. Anil D. Patil  
Principal

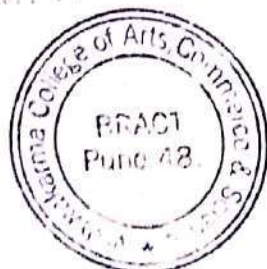
Principal



BRACT'S  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

**Value Added Course on "Banking & Finance"  
Enrolled Student List**

| Sr. No | Student Name                    | Sign          |
|--------|---------------------------------|---------------|
| 1      | RAUT UMESH RAGHUNATH            | Omkar         |
| 2      | RUNIKET DATE                    | Runiket       |
| 3      | SAMBARE VINAYAK MANOHAR         | Vinayak       |
| 4      | SANAS SWAPNIL SHAM              | Swapnil       |
| 5      | SAWAR SOHAIL ABDULNABI          | Sohail        |
| 6      | SHAH GUDDU KISHOR               | Shah          |
| 7      | SHAIKH JAFAR ALI                | Jafar         |
| 8      | SHAIKH NAFISA IQBAL             | Nafisa        |
| 9      | SHAIKH SHARUKH RAFIQ            | S.S.R         |
| 10     | SHENDKAR SAURABH POPAT          | Sshendekar    |
| 11     | SHETIF VIJAY NAGNATH            | Vijay         |
| 12     | SHINDE NACHIKET SHRIDHAR        | Nshinde       |
| 13     | SHRINGARPURE PRATHMESH G        | Pratm         |
| 14     | TANDALE NIKITA SUNIL            | Tandale       |
| 15     | UNDRE RESHMA SANJAY             | Reshma        |
| 16     | ZINGADE SAKSHI NAGNATH          | Sakshi        |
| 17     | GHODKE OMKAR RAMESH             | Om            |
| 18     | VAGAT SAKSHI MANOJ              | Sakshi        |
| 19     | BHUBAL PRATIKSHA SURYAKANT      | Pratiksha     |
| 20     | BENDKALE RAMCHANDRA BABU        | R.B.B         |
| 21     | NASHIWA NIGAR                   | Neshwa        |
| 22     | MODAK SAURABH MAROH             | SSM           |
| 23     | MOHITE RUPALI MAHARI            | Rupalim       |
| 24     | MORE POOJA BASAVRAJ             | Pooja         |
| 25     | NAIKWADI ROHAN VASANT           | R             |
| 26     | NALI A AKSHATA SHRINIVAS        | Akshata       |
| 27     | NANDODE SHIREYA ANIRUDDHA       | Shan          |
| 28     | OSWAL ADITYA MANOJ              | Aditya        |
| 29     | OSWAL JINISHA                   | Joswal        |
| 30     | AGARWAL PRATIKSHA PARAS         | P. P. Agarwal |
| 31     | OSWAL NAMITA PRASHANT           | ONP           |
| 32     | PARDI SHI RIYA DEEPAK           | PRD           |
| 33     | PATHAK VIKAS VIJAY              | Vikas.P       |
| 34     | PARTEK BHAVANI SHANKAR CHETARAM | Parvek        |
| 35     | PARTEK DROPATI CHETARAM         | PDC           |



Dr. Anil R. Patil  
PRINCIPAL  
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Kondhwa (Sk.), Pune-411 048.



BRACT's

Vishwakarma College of Arts, Commerce and Science, Pune

Department of Commerce

Add On Course on

"Banking and Finance"

AY 2017-18

**Course Objectives:**

Keeping in view job prospects in banking and financial sectors the objective of the course is to give in-depth knowledge of banking and finance to the students of commerce and management with practical inputs and prepare them for career in banks and other financial institution.

**Duration of the Program:**

Certificate course banking and finance is a program for 18 hours of lectures.

**Course Content:**

| Unit no. | Contents                                   | Teaching Hours |
|----------|--------------------------------------------|----------------|
| 1        | Introduction                               | 4 Hours        |
| 2        | Financial Institution and Financial Market | 4 Hours        |
| 3        | Bank management                            | 4 Hours        |
| 4        | Banking law and practice                   | 4 Hours        |
| 5        | Bank credit                                | 2 Hours        |

**Expected Outcome:**

Students will be able to gain insight into the main components of banking and finance strategy and its impact on business, banks and government.









| Sr.No. | Student Name                    | 1/12/2019    | 1/13/2019    | 1/15/2019    | 1/16/2019    | 1/17/2019    | 1/18/2019    | 1/19/2019    | 1/20/2019    | 1/22/2019    |
|--------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 28     | OSWAL ADITYA MANOJ              | Aditya       | Aditya       | Aditya       | Aditya       | Aditya       | Aditya       | Aditya       | Aditya       | Aditya       |
| 29     | OSWAL JINISHA                   | Joswal       | Joswal       | Joswal       | Joswal       | Joswal       | Joswal       | Joswal       | Joswal       | Joswal       |
| 30     | AGARWAL PRATIKSHA PARAS         | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal | P.P. Agrawal |
| 31     | OSWAL NAMITA PRASHANT           | ONE          | ONE          | ONE          | ONE          | ONE          | ONE          | ONE          | ONE          | ONE          |
| 32     | PARDESHI RIYA DEEPAK            | PRD          | PRD          | PRD          | PRD          | PRD          | PRD          | PRD          | PRD          | PRD          |
| 33     | PATHAK VIKAS VIJAY              | Vikas P.     | Vikas P.     | Vikas P.     | Vikas P.     | Vikas P.     | Vikas P.     | Vikas P.     | Vikas P.     | Vikas P.     |
| 34     | PAREEK BHAVANI SHANKAR CHETARAM | Pareek       | Pareek       | Pareek       | Pareek       | Pareek       | Pareek       | Pareek       | Pareek       | Pareek       |
| 35     | PAREEK DROPATI CHETARAM         | PDC          | PDC          | PDC          | PDC          | PDC          | PDC          | PDC          | PDC          | PDC          |







- 6) The overriding purpose of financial accounting is to summarize financial activity in business in the \_\_\_\_\_
- A. profit and loss statement                      C. cash flow statement  
B. balance sheet                                      D. cash Sheet
- 7) \_\_\_\_\_ are the basis of the business's financial accounting.
- A. Accounting records                      C. Sales Volume  
B. Bookkeeping                                  D. Both A & B
- 8) Financial accounting provides accounting information to the \_\_\_\_\_ though the information is useful for internal purposes also.
- A. external users                      C. company  
B. internal users                      D. competitors
- 9) Financial accounting reports to the \_\_\_\_\_ after the completion of the accounting year.
- A. internal management                      C. Media  
B. external parties                                  D. Internet
- 10) Financial accounting reports include \_\_\_\_\_
- A. profit and loss account  
B. directors report  
C. balance sheet and auditors report  
D. all of the above
- 11) Financial accounting cover overall performance of the \_\_\_\_\_
- A. Competitors                      C. Company  
B. Market                                  D. Finance department
- 12) Financial accounting reports lay greater emphasis on the \_\_\_\_\_
- A. objectivity of data                      C. Relevancy of data  
B. Flexibility of data                      D. Subjectivity of data
- 13) Presentation of of financial accounting reports is mandatory under the provisions of of section 209 (1), 210 (1) and 216, 217 of \_\_\_\_\_
- A. the business act 1956  
B. the companies act 1956  
C. the company act 1965  
D. the company 2016



14) Select the correct answer.

- A. financial accounting reports generally govern accepted accounting principles
- B. Generally accepted accounting principles governing financial accounting reports
- C. Generally accepted accounting principles does not governing financial accounting reports
- D. There is no relation between Generally accepted accounting principles and financial accounting reports

15) Financial accounting statements are subject to \_\_\_\_\_

- A. Cost audit                      C. Statutory audit
- B. Forensic audit                D. Non statutory audit

16) \_\_\_\_\_ is a structured representation of the financial performance and financial position of a business and changes over a period of time.

- A. Profit and loss account        C. Balance sheet
- B. Financial statement            D. Internal audion

17) \_\_\_\_\_ are the components of financial statements.

- A. profit and loss account and balance sheet
- B. cash flow and fund flow statement
- C. notes and schedules
- D. All of the above

18) \_\_\_\_\_ explain the financial position of the reporting entity at the end of the accounting period.

- A. Balance sheet                    C. ledger
- B. Income statement                D. Notes & schedules

19) \_\_\_\_\_ helps to find out the profit made on loss sustained in a particular accounting period through transactions and events.

- A. Income statement                C. Trading account
- B. Profit and loss account        D. None of the above

20) \_\_\_\_\_ is not a primary source of long-term debt financing.


- A. Accounts payable                C. Leases
- B. Notes payable                    D. Bonds

BRAC's  
Vishwakarma College of Arts, Commerce and Science  
AY 2017-18

Value Added Course on "Banking & Finance"  
Marksheet

| Sr. No | Student Name                    | Marks |
|--------|---------------------------------|-------|
| 1      | RAUT UMESH RAGHUNATH            | 18    |
| 2      | RUNIKET DATE                    | 15    |
| 3      | SAMBARE VINAYAK MANOHAR         | 17    |
| 4      | SANAS SWAPNIL SHAM              | 16    |
| 5      | SAWAR SOHAIL ABDULNABI          | 19    |
| 6      | SHAH GUDDU KISHOR               | 17    |
| 7      | SHAIKH JAFAR ALI                | 19    |
| 8      | SHAIKH NAJIS IQBAL              | 16    |
| 9      | SHAIKH SHARUKH RAFIQ            | 16    |
| 10     | SHENDKAR SAURABH POPAT          | 17    |
| 11     | SHETTI VIJAY NAGNATH            | 16    |
| 12     | SHINDE NACHIKIT SHRIDHAR        | 19    |
| 13     | SHRINGARPURI PRATHMI SHG        | 17    |
| 14     | TANDALE NIKITA SUNIL            | 15    |
| 15     | UNDRE RESHMA SANJAY             | 16    |
| 16     | ZINGADE SAKSHI NAGNATH          | 19    |
| 17     | GHODKE OMKAR RAMESH             | 14    |
| 18     | VAGAT SAKSHI MANOJ              | 15    |
| 19     | BHUBAI PRATIKSHA SURYAKANT      | 16    |
| 20     | BENDKALE RAMCHANDRA BABU        | 18    |
| 21     | NASHWA NIGAR                    | 18    |
| 22     | MODAK SAURABH MAROTI            | 17    |
| 23     | MOHITE RUPALI MALHARI           | 18    |
| 24     | MORE JYOTSA BASAVRAJ            | 14    |
| 25     | NAIKWADI ROHAN VASANT           | 18    |
| 26     | NALLA AKSHATA SHRINIVAS         | 17    |
| 27     | NANIKODE SHREYA ANIRUDDHA       | 16    |
| 28     | OSWAL ADITYA MANOJ              | 19    |
| 29     | OSWAL JINISHA                   | 15    |
| 30     | AGARWAL PRATIKSHA PARAS         | 18    |
| 31     | OSWAL NAMITA PRASHANT           | 18    |
| 32     | PARDISI RIYA DEEPAK             | 15    |
| 33     | PATHAK VIKAS VIJAY              | 17    |
| 34     | PAREEK BHAVANI SHANKAR CHITARAM | 19    |
| 35     | PAREEK DROPATI CHITARAM         | 14    |



  
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NAAC ACCREDITED with B+ Grade

Sr. No. 3/4 Laxminagar, VIIT Campus, Kondhwa (BK), Pune-411048

## Certificate

### ADD ON COURSE BANKING AND FINANCE

This certificate is presented to Mr./Ms. Agarwal Pratiksha Paras  
of SY BCom for successfully completed **Banking and Finance Add on Course** of 18 hrs  
duration for the Academic Year 2017-18. Organized by Vishwakarma College of Arts, Commerce and  
Science, Pune.

  
Prof. Anjum A. Patel  
(Co-ordinator- IQAC)

  
Dr. Shital P. Mantri  
(Programme Co-ordinator)

  
Prof. Sudhir D. Chitnis  
(HOD- Computer Science Department)

  
Dr. Arun R. Patil  
Principal