



AJEENKYA
D Y PATIL UNIVERSITY
THE INNOVATION UNIVERSITY

School of
Engineering

2019-20

Value added course in

DATA SCIENCE AND BIG DATA ANALYTICS ACADEMIC ASSOCIATE

18 November - 13 December, 2019

NITIN KAMBLE

SPEAKER

MS. SNEHA SARODE

CO-CORDINATOR

DR.BISWAJEET CHAMPATY

HEAD OF SCHOOL

CONTACT DETAILS

Ms. Sneha Sarode
9730983740

2019-20



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School of Engineering

Name of Certificate Course: Data Science and Big Data Analytics Academic Associate

Certificate Course for B.Tech V Sem Students

Course Duration : 30 Hrs

From: 18/11/2019 to: 13/12/2019

Course Objectives:

- Reframing a business challenge as an analytics challenge.
- Applying appropriate analytic techniques and tools to analyze bigdata, create statistical models, and identify insights that can lead to actionable results.
- Selecting appropriate data visualizations to clearly communicate analytic insights to business sponsors and analytic audiences.
- Using tools such as: R and RStudio, MapReduce/Hadoop, in-database analytics, Window and MADlib functions.
- Explaining how advanced analytics can be leveraged to create competitive advantage and how the data scientist role and skills differ from those of a traditional business intelligence analysis.

Course Outcomes:

- Students will be able to understand how R will be useful to build various Machine learning algorithms.
- Students will be able to learn Advanced analytics, map reduce and big data.
- Students will be able to understand how SQL is used and perform various data analytics methods implement.

Course Coordinator: Ms. Sneha Sarode



Sneha Sarode

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Ajeenkya DY Patil University
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Pune-412105

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Circular

Date-11/11/2019

Dear All SOE Students

For the academic year 2019-2020, the School of Engineering offers you Innovative Value Added Course which shall help you excel in career as well as equip you with new age creative and technical skills essential to face new world.

Title of Certificate Course: Data Science and Big Data Analytics Academic Associate

Details of Trainer: Mr. Nitin Kamble

Name of Coordinator: Ms. Sneha Sarode

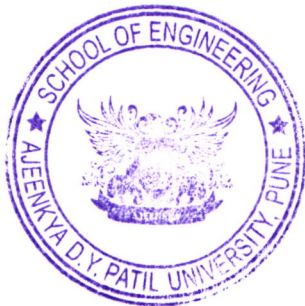
Duration of Course: 30 Hrs

Schedule: 18/11/2019 to: 13/12/2019

Timing: 10:30 AM to 4:00 PM

Venue: School of Engineering

Evaluation Method: 75% Attendance & 60% marks to score in MCQ test is mandatory to get certified in this training program.



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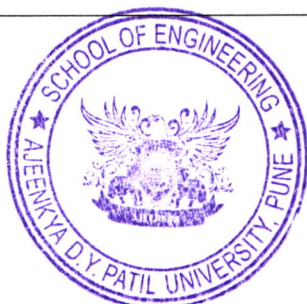
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Syllabus Details

Unit	Details	
1	Introduction to Big Data Analytics Big Data Overview, State of the Practice in Analytics, The Data Scientist, Big Data Analytics in Industry Verticals.	6
2	Data Analytics Lifecycle Discovery, Data Preparation, Model Planning, Model Building, Communicating Results, Operationalizing.	6
3	Review of Basic Data Analytic Methods Using R Using R to Look at Data – Introduction to R, Analyzing and Exploring the Data, Statistics for Model Building and Evaluation Advanced Analytics – Theory And Methods, K Means Clustering, Association Rules, Linear Regression, Logistic Regression, Naïve Bayesian Classifier, Decision Trees, Time Series Analysis, Text Analysis.	8
4	Advanced Analytics - Technologies and Tools Analytics for Unstructured Data - MapReduce and Hadoop, The Hadoop Ecosystem, In-database Analytics – SQL Essentials, Advanced SQL and MADlib for In-database Analytics	5
5	The Endgame, or Putting it All Together Operationalizing an Analytics Project, Creating the Final Deliverables, Data Visualization Techniques, Final Lab Exercise on Big Data Analytics	5



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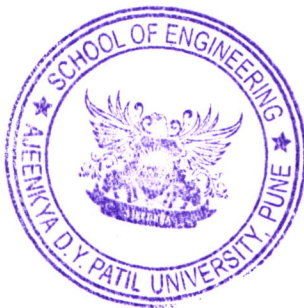
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Certificate Course in Data Science and Big Data Analytics Academic Associate

Teaching Plan

Date	Topic to be Covered
18-Nov-19	Unit 1: Introduction to Big Data Analytics: Overview, State of the Practice, Data Scientist Role, Big Data in Industry Verticals
20-Nov-19	Unit 1: Big Data Analytics in Industry Verticals (cont.)
22-Nov-19	Unit 2: Data Analytics Lifecycle (Part 1): Discovery, Data Preparation, Model Planning
25-Nov-19	Unit 2: Data Analytics Lifecycle (Part 2): Model Building, Communicating Results, Operationalizing
27-Nov-19	Unit 3: Review of Basic Data Analytic Methods Using R (Part 1): Introduction to R, Data Analysis, Statistics for Model Building
29-Nov-19	Unit 3: Review of Basic Data Analytic Methods Using R (Part 2): K-Means Clustering, Association Rules
02-Dec-19	Unit 3: Review of Basic Data Analytic Methods Using R (Part 3): Linear Regression, Logistic Regression
04-Dec-19	Unit 3: Review of Basic Data Analytic Methods Using R (Part 4): Naïve Bayesian Classifier, Decision Trees
06-Dec-19	Unit 4: Advanced Analytics - Technologies and Tools (Part 1): MapReduce, Hadoop Ecosystem, SQL Essentials
09-Dec-19	Unit 4: Advanced Analytics - Technologies and Tools (Part 2): Advanced SQL, In-Database Analytics, MADlib
11-Dec-19	Unit 5: The Endgame (Part 1): Operationalizing an Analytics Project, Creating Final Deliverables
13-Dec-19	Unit 5: The Endgame (Part 2): Data Visualization Techniques, Final Lab Exercise on Big Data Analytics



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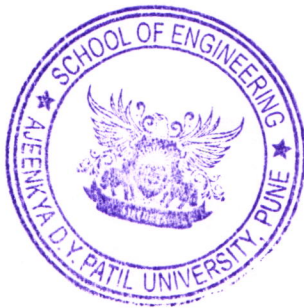
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🌐 www.adypu.edu.in



Certificate Course in Data Science and Big Data Analytics Academic Associate

Timetable

Date	Time	Topic to be Covered
18-Nov-19	11:00 AM - 3:00 PM	Unit 1: Introduction to Big Data Analytics: Overview, State of the Practice, Data Scientist Role, Big Data in Industry Verticals
20-Nov-19	11:00 AM - 3:00 PM	Unit 1: Big Data Analytics in Industry Verticals (cont.)
22-Nov-19	11:00 AM - 3:00 PM	Unit 2: Data Analytics Lifecycle (Part 1): Discovery, Data Preparation, Model Planning
25-Nov-19	11:00 AM - 3:00 PM	Unit 2: Data Analytics Lifecycle (Part 2): Model Building, Communicating Results, Operationalizing
27-Nov-19	11:00 AM - 3:00 PM	Unit 3: Review of Basic Data Analytic Methods Using R (Part 1): Introduction to R, Data Analysis, Statistics for Model Building
29-Nov-19	11:00 AM - 3:00 PM	Unit 3: Review of Basic Data Analytic Methods Using R (Part 2): K-Means Clustering, Association Rules
02-Dec-19	11:00 AM - 3:00 PM	Unit 3: Review of Basic Data Analytic Methods Using R (Part 3): Linear Regression, Logistic Regression
04-Dec-19	11:00 AM - 3:00 PM	Unit 3: Review of Basic Data Analytic Methods Using R (Part 4): Naïve Bayesian Classifier, Decision Trees
06-Dec-19	11:00 AM - 3:00 PM	Unit 4: Advanced Analytics - Technologies and Tools (Part 1): MapReduce, Hadoop Ecosystem, SQL Essentials
09-Dec-19	11:00 AM - 3:00 PM	Unit 4: Advanced Analytics - Technologies and Tools (Part 2): Advanced SQL, In-Database Analytics, MADlib
11-Dec-19	11:00 AM - 3:00 PM	Unit 5: The Endgame (Part 1): Operationalizing an Analytics Project, Creating Final Deliverables
13-Dec-19	11:00 AM - 3:00 PM	Unit 5: The Endgame (Part 2): Data Visualization Techniques, Final Lab Exercise on Big Data Analytics



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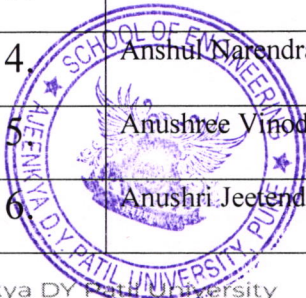


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Certificate Course in Data Science and Big Data Analytics Academic Associate

List of Students

Sr. No.	Name of student	URN
1.	Abhisekha Sudarsan Pradhan	2019-B-13042001
2.	Abhishek Rajesh Kalantri	2019-B-28022001C
3.	Abhishek Ravindra Javalkoti	2019-B-24082001A
4.	Aditya Amrut Bhandari	2019-B-18022002
5.	Aditya Kumar Verma	2019-B-01112000A
6.	Adnan Imtiyaz Shaikh	2019-B-09052001
7.	Akash Rajesh Pathak	2019-B-08012001
8.	Akash Suresh Patil	2019-B-04072001A
9.	Akshat Sudhanshu Srivastava	2019-B-29052000
10.	Amritanshu Vishwajeet	2019-B-06032000
11.	Amrutha Amarender Vanaparathi	2019-B-23032002
12.	Anand Fattelal Chandak	2019-B-30052001
13.	Anjali Pradeep Kumari	2019-B-21062001A
14.	Anshul Narendra Kumar Agarwal	2019-B-04072002
15.	Anushree Vinod Chourasia	2019-B-02082001
16.	Anushri Jeetendra Upadhye	2019-B-03052000

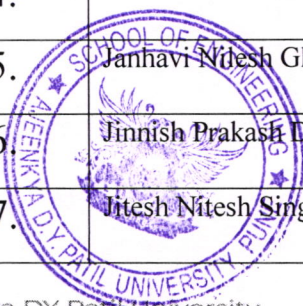


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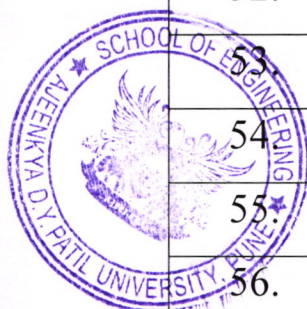
17.	Apurva Bhushan Patil	2019-B-05122001
18.	Arjun Jagdish Rakwal	2019-B-26082001
19.	Arpit Rajesh Singh	2019-B-28092001C
20.	Ayushi Harishchandra Gupta	2019-B-04112000
21.	Bhanu Pratap Singh	2019-B-03052002
22.	Bhavya Jayesh Vora	2019-B-21012001
23.	Biswojeet G Samal	2019-B-21122001
24.	Chaitanya Pawar	2019-B-13072001B
25.	Chaitanya Rajesh Sethia	2019-B-30122001A
26.	Chirag Rajendra Agrawal	2019-B-08122000B
27.	Hanesh Sunil Jogani	2019-B-21072001
28.	Harsh Hasmukhbhai Vasoya	2019-B-08022001
29.	Harsh Pravinbhai Moradiya	2019-B-01052001
30.	Harshvardhan Lallan Singh	2019-B-28102001
31.	Hetvi Atulbhai Bhattasana	2019-B-17082001
32.	Himanshi Sandeep Gomber	2019-B-07112001
33.	Jaineel Alpesh Petiwale	2019-B-21032001
34.	Jainil Kiritkumar Gajjar	2019-B-28092001A
35.	Janhavi Nitesh Ghogle	2019-B-28092001
36.	Jinishh Prakash Dalal	2019-B-26092001
37.	Jitesh Nitesh Singh	2019-B-20022001A



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38.	Kamlesh Subodh Raw Kumar	2019-B-15112000B
39.	Kastup Raj Bhattarai	2019-B-28092001B
40.	Kunal Dinesh Biswas	2019-B-02042001
41.	Kushagra Jitendra Goel	2019-B-19102000
42.	Lokesh Devendra Satpute	2019-B-01022001
43.	Malay Arvind Parmar	2019-B-29012001
44.	Mayur Nitesh Agrawal	2019-B-21082001
45.	Tarang Manish Kataria	2019-B-07082000
46.	Omkar Dayal	2020-B-15091995
47.	Deeksha Tomar	2020-B-12012001A
48.	Glavian castelino	2020-B-25111999
49.	Dhriti Santosh Dogra	2019-B-22102001A
50.	Merlyn Eugene Rosario	2019-B-09042001B
51.	Mridul Yogesh Mishra	2019-B-08072002A
52.	Nisha Dashrath Sahu	2019-B-08072002
53.	Pankaj Ram Prasad Mandal	2019-B-12112000B
54.	Parul Himanshu Gandhe	2019-B-22082001
55.	Pranay Naresh Narang	2019-B-07042001
56.	Pranesh Pankaj Sinha	2019-B-20012001
57.	Pratiksingh Kalyansingh Patil	2019-B-18092001
58.	Prerna Santosh Kashyap	2019-B-20042001



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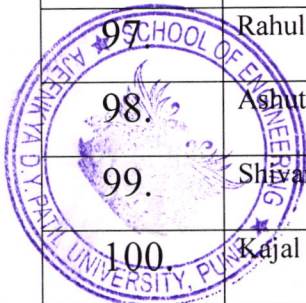


59.	Pulkit Ajit Agarwal	2019-B-30051998
60.	Radhika Akhilesh Arya	2019-B-10021999
61.	Rafay Md Masoom Reza	2019-B-17011999
62.	Raghunandan Omprakash	2019-B-05092001A
63.	Rahil Hitesh Gandhi	2019-B-10092002
64.	Ramneek Gurdeep Singh Gill	2019-B-15072000
65.	Rishav Rajesh Singh	2019-B-17102000
66.	Ritesh Rajaram Wagh	2019-B-05042000
67.	Riya Ashish Sinha	2019-B-29092000
68.	Rohan Shankar Gawade	2019-B-26122001
69.	Rohit Manoj Chamediya	2019-B-14112001A
70.	Rudra Vikas Dutt	2019-B-29072001
71.	Sahil Mahesh Khatri	2019-B-03072000
72.	Sahil Pankaj Pohare	2019-B-01022002B
73.	Samuel Selassi Ablometi	2019-B-02081997
74.	Sanidhya Saket Mishra	2019-B-30032001
75.	Sanihussain Khalil Patel	2019-B-25032002
76.	Sanskar Anil Sharma	2019-B-24052001A
77.	Satyam Jaikesh Singh	2019-B-29012001A
78.	Satyam Kamlesh Mishra	2019-B-09091999
79.	Saurabh Shyam Gawarguru	2019-B-23122000

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80.	Shagun Ramesh Ganjoo	2019-B-07052001
81.	Shashank Raj Ganga Sharan	2019-B-24022001
82.	Shresht Mohan Lal Bargujar	2019-B-24111999
83.	Shrestha Suresh Sardar	2019-B-12072000A
84.	Shrish Dhananjay Pandey	2019-B-21032001A
85.	Shubham Subodh Kumar	2019-B-18072001A
86.	Sneha Suraj Yadav	2019-B-28072001
87.	Suyash Harendra Sharma	2019-B-15022000
88.	Tarun Aditya Kusupati	2019-B-10042001
89.	Vaishnavi Ashok Gupta	2019-B-09092001
90.	Vedant Sunil Poddar	2019-B-03032001
91.	Vikram Pratap Tomer	2019-B-20082000
92.	Vishwajeet Akhilesh Mishra	2019-B-21052001
93.	Vivek Ganesh Kamble	2019-B-30042001
94.	Zubin Alex Mathew	2019-B-26032001A
95.	Pratik Narsale	2020-B-21082001A
96.	Sandeep Pagi	2020-B-17061984
97.	Rahul Shelke	2020-B-06111988
98.	Ashutosh markad	2020-B-05061998
99.	Shivani Waikar	2020-B-01022002B
100.	Kajal dakhale	2020-B-12051999



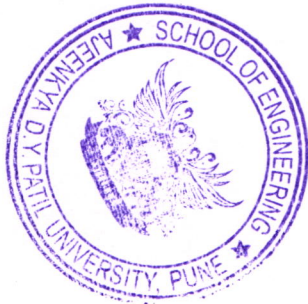
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101.	Anurag Patwardhan	2020-B-07121999
102.	Shubham Chavan	2020-B-06072001
103.	Rutuja Galande	2020-B-06122000
104.	Saumya Surana	2020-B-12012000A
105.	Rohan Mule	2020-B-14122001A



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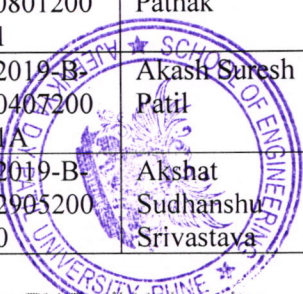


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Certificate Course in Data Science and Big Data Analytics Academic Associate

Students Attendance

Academic Year :	2019-20	Course Name:	Data Science and Big Data Analytics Academic Associate												
School Name :	School of Engineering														
		Lecture No ^è	1	2	3	4	5	6	7	8	9	10	11	12	
S.N	URN	Lecture Date (DD/MM) è	Program Name	18-Nov	20-Nov	22-Nov	25-Nov	27-Nov	29-Nov	02-Dec	04-Dec	06-Dec	09-Dec	11-Dec	13-Dec
1	2019-B-13042001	Abhisekha Sudarsan Pradhan	CE	1	1	A	1	1	1	1	1	1	1	1	1
2	2019-B-28022001C	Abhishek Rajesh Kalantri	CE	1	1	1	1	1	1	1	1	1	1	1	1
3	2019-B-24082001A	Abhishek Ravindra Javalkoti	CE	1	A	1	1	1	1	1	1	1	1	1	1
4	2019-B-18022002	Aditya Amrut Bhandari	CE	1	1	A	1	1	A	1	1	1	1	1	1
5	2019-B-01112000A	Aditya Kumar Verma	CE	1	1	1	1	A	1	1	1	1	1	1	1
6	2019-B-09052001	Adnan Imtiyaz Shaikh	CE	1	1	1	1	1	1	1	1	1	1	1	1
7	2019-B-08012001	Akash Rajesh Pathak	CE	1	1	1	1	1	1	A	1	1	1	1	1
8	2019-B-04072001A	Akash Suresh Patil	CE	1	1	A	1	1	1	1	1	1	1	1	1
9	2019-B-29052000	Akshat Sudhanshu Srivastava	CE	1	1	1	1	1	1	1	1	1	1	1	1



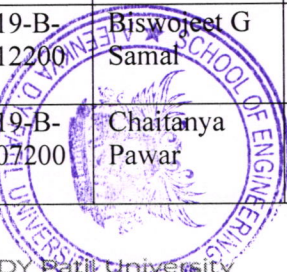
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10	2019-B-06032000	Amritanshu Vishwajeet	CE	1	1	1	1	1	1	1	1	1	1	1	1
11	2019-B-23032002	Amrutha Amarender Vanaparathi	CE	1	1	A	1	1	A	1	1	1	1	1	1
12	2019-B-30052001	Anand Fattelal Chandak	CE	1	1	1	1	A	1	1	1	1	1	1	1
13	2019-B-21062001A	Anjali Pradeep Kumari	CE	1	1	1	1	1	1	1	1	1	1	1	1
14	2019-B-04072002	Anshul Narendra Kumar Agarwal	CE	1	1	1	1	1	1	A	1	1	1	1	1
15	2019-B-02082001	Anushree Vinod Chourasia	CE	1	1	A	1	1	1	1	1	1	1	1	1
16	2019-B-03052000	Anushri Jeetendra Upadhye	CE	1	1	1	1	1	1	1	1	1	1	1	1
17	2019-B-05122001	Apurva Bhushan Patil	CE	1	1	1	1	1	1	1	1	1	1	1	1
18	2019-B-26082001	Arjun Jagdish Rakwal	CE	1	1	1	1	1	1	1	1	1	1	1	1
19	2019-B-28092001C	Arpit Rajesh Singh	CE	1	1	1	1	1	1	1	1	1	1	1	1
20	2019-B-04112000	Ayushi Harishchandra Gupta	CE	1	1	1	1	1	1	1	1	1	1	1	A
21	2019-B-03052002	Bhanu Pratap Singh	CE	A	1	1	1	1	1	1	1	1	1	1	1
22	2019-B-21012001	Bhavya Jayesh Vora	CE	1	1	1	1	1	1	1	1	1	1	1	1
23	2019-B-21122001	Biswojeet G Samal	CE	1	1	1	1	1	1	1	1	1	1	1	1
24	2019-B-13072001B	Chaifanya Pawar	CE	1	1	1	1	1	1	1	1	A	1	1	1



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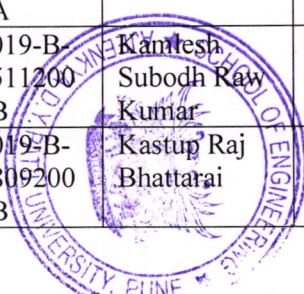
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25	2019-B-30122001A	Chaitanya Rajesh Sethia	CE	1	1	1	1	1	1	1	1	1	1	1	1
26	2019-B-08122000B	Chirag Rajendra Agrawal	CE	1	A	1	1	1	1	1	1	1	1	A	1
27	2019-B-21072001	Hanesh Sunil Jogani	CE	1	1	1	1	1	1	1	1	1	1	1	1
28	2019-B-08022001	Harsh Hasmukhbhai Vasoya	CE	A	1	1	1	1	1	1	1	1	1	1	1
29	2019-B-01052001	Harsh Pravinbhai Moradiya	CE	1	A	1	1	1	1	1	1	1	1	1	1
30	2019-B-28102001	Harshvardhan Lallan Singh	CE	1	1	A	1	1	1	1	1	1	A	1	1
31	2019-B-17082001	Hetvi Atulbhai Bhattasana	CE	1	1	1	1	1	1	1	1	1	1	1	1
32	2019-B-07112001	Himanshi Sandeep Gomber	CE	1	1	1	1	1	1	A	1	1	1	1	1
33	2019-B-21032001	Jaineel Alpesh Petiwale	CE	1	1	1	1	1	1	A	1	1	1	1	1
34	2019-B-28092001A	Jainil Kiritkumar Gajjar	CE	1	1	1	1	1	1	1	1	1	1	1	1
35	2019-B-28092001	Janhavi Nilesh Ghogle	CE	1	1	1	1	1	1	1	1	1	1	1	1
36	2019-B-26092001	Jinnish Prakash Dalal	CE	1	1	1	1	1	1	A	1	1	1	1	1
37	2019-B-20022001A	Jitesh Nitesh Singh	CE	1	1	A	1	1	1	1	1	1	1	1	1
38	2019-B-15112000B	Kantesh Subodh Raw Kumar	CE	1	1	1	1	1	1	1	1	1	1	1	1
39	2019-B-28092001B	Kastur Raj Bhattarai	CE	1	A	1	1	1	1	1	1	1	1	1	1



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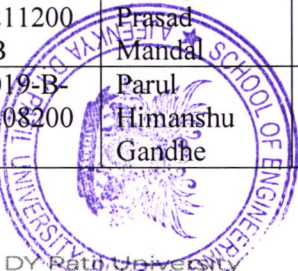
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4 0	2019-B- 0204200 1	Kunal Dinesh Biswas	CE	1	1	A	1	1	A	1	1	1	1	1	1
4 1	2019-B- 1910200 0	Kushagra Jitendra Goel	CE	1	1	1	1	A	1	1	1	1	1	1	1
4 2	2019-B- 0102200 1	Lokesh Devendra Satpute	CE	1	1	1	1	1	1	1	1	1	1	1	1
4 3	2019-B- 2901200 1	Malay Arvind Parmar	CE	1	1	1	1	1	1	A	1	1	1	1	1
4 4	2019-B- 2108200 1	Mayur Nitesh Agrawal	CE	1	1	A	1	1	1	1	1	1	A	1	1
4 5	2019-B- 0708200 0	Tarang Manish Kataria	CE	1	1	1	1	1	1	1	A	1	1	1	1
4 6	2020-B- 1509199 5	Omkar Dayal	CE	A	1	1	1	1	1	1	1	A	1	1	1
4 7	2020-B- 1201200 1A	Deeksha Tomar	CE	1	1	1	1	1	1	1	1	1	1	1	A
4 8	2020-B- 2511199 9	Glavian castelino	CE	A	1	1	1	1	1	1	1	1	1	1	1
4 9	2019-B- 2210200 1A	Dhriti Santosh Dogra	CE	1	1	A	1	1	1	1	1	1	1	1	1
5 0	2019-B- 0904200 1B	Merlyn Eugene Rosario	CE	1	1	1	1	1	1	1	1	1	1	1	1
5 1	2019-B- 0807200 2A	Mridul Yogesh Mishra	CE	1	A	1	1	1	1	1	1	1	1	1	1
5 2	2019-B- 0807200 2	Nisha Dashrath Sahu	CE	1	1	A	1	1	A	1	1	1	1	1	1
5 3	2019-B- 1211200 0B	Pankaj Ram Prasad Mandal	CE	1	1	1	1	A	1	1	1	1	1	1	1
5 4	2019-B- 2208200 1	Parul Himanshu Gandhe	CE	1	1	1	1	1	1	1	1	1	1	1	1



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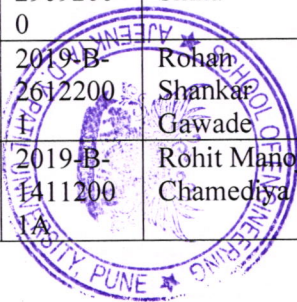
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55	2019-B-07042001	Pranay Naresh Narang	CE	1	1	1	1	1	1	A	1	1	1	1	1
56	2019-B-20012001	Pranesh Pankaj Sinha	CE	1	1	A	1	1	1	1	1	1	1	1	1
57	2019-B-18092001	Pratiksingh Kalyansingh Patil	CE	1	1	1	1	1	1	1	1	1	1	1	1
58	2019-B-20042001	Prerna Santosh Kashyap	CE	1	1	1	1	1	1	1	1	1	1	1	1
59	2019-B-30051998	Pulkit Ajit Agarwal	CE	1	1	1	1	1	1	1	1	1	1	1	1
60	2019-B-10021999	Radhika Akhilesh Arya	CE	1	1	1	1	1	1	1	1	1	1	1	1
61	2019-B-17011999	Rafay Md Masoom Reza	CE	1	1	1	1	1	1	1	1	1	1	1	A
62	2019-B-05092001A	Raghunandan Omprakash	CE	A	1	1	1	1	1	1	1	1	1	1	1
63	2019-B-10092002	Rahil Hitesh Gandhi	CE	1	1	1	1	1	1	1	1	1	1	1	1
64	2019-B-15072000	Ramneek Gurdeep Singh Gill	CE	1	1	1	1	1	1	1	1	1	1	1	1
65	2019-B-17102000	Rishav Rajesh Singh	CE	1	1	1	1	1	1	1	A	1	1	1	1
66	2019-B-05042000	Ritesh Rajaram Wagh	CE	1	1	1	1	1	1	1	1	1	1	1	1
67	2019-B-29092000	Riya Ashish Sinha	CE	1	A	1	1	1	1	1	1	1	A	1	1
68	2019-B-26122000	Rohan Shankar Gawade	CE	1	1	1	1	1	1	1	1	1	1	1	1
69	2019-B-14112001A	Rohit Manoj Chamediya	CE	A	1	1	1	1	1	1	1	1	1	1	1



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70	2019-B-29072001	Rudra Vikas Dutt	CE	1	A	1	1	1	1	1	1	1	1	1	1
71	2019-B-03072000	Sahil Mahesh Khatri	CE	1	1	A	1	1	1	1	1	1	A	1	1
72	2019-B-01022002B	Sahil Pankaj Pohare	CE	1	1	1	1	1	1	1	1	1	1	1	1
73	2019-B-02081997	Samuel Selassi Ablometi	CE	1	1	1	1	1	1	A	1	1	1	1	1
74	2019-B-30032001	Sanidhya Saket Mishra	CE	1	1	1	1	1	1	A	1	1	1	1	1
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76	2019-B-24052001A	Sanskar Anil Sharma	CE	1	1	1	1	1	1	1	1	1	1	1	1
77	2019-B-29012001A	Satyam Jaikesh Singh	CE	1	1	1	1	1	1	A	1	1	1	1	1
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81	2019-B-24022001	Shashank Raj Ganga Sharan	CE	1	A	1	1	1	1	1	1	1	1	1	1
82	2019-B-24111999	Shresht Mohan Lal Bargujar	CE	1	1	A	1	1	A	1	1	1	1	1	1
83	2019-B-12072000A	Shrestha Suresh Sarda	CE	1	1	1	1	A	1	1	1	1	1	1	1
84	2019-B-21032001A	Shrish Dhananjay Pandey	CE	1	1	1	1	1	1	1	1	1	1	1	1

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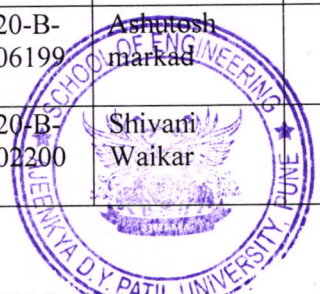
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85	2019-B-18072001A	Shubham Subodh Kumar	CE	1	1	1	1	1	1	A	1	1	1	1	1
86	2019-B-28072001	Sneha Suraj Yadav	CE	1	1	A	1	1	1	1	1	1	1	1	1
87	2019-B-15022000	Suyash Harendra Sharma	CE	1	1	1	1	1	1	1	1	1	1	1	1
88	2019-B-10042001	Tarun Aditya Kusupati	CE	1	1	1	1	1	1	1	1	1	1	1	1
89	2019-B-09092001	Vaishnavi Ashok Gupta	CE	1	1	1	1	1	1	1	1	1	1	1	1
90	2019-B-03032001	Vedant Sunil Poddar	CE	1	1	1	1	1	1	1	1	1	1	1	1
91	2019-B-20082000	Vikram Pratap Tomer	CE	1	1	1	1	1	1	1	1	1	1	1	A
92	2019-B-21052001	Vishwajeet Akhilesh Mishra	CE	A	1	1	1	1	1	1	1	1	1	1	1
93	2019-B-30042001	Vivek Ganesh Kamble	CE	1	1	1	1	1	1	1	1	1	1	1	1
94	2019-B-26032001A	Zubin Alex Mathew	CE	1	1	1	1	1	1	1	1	1	1	1	1
95	2020-B-21082001A	Pratik Narsale	CE	1	1	1	1	1	1	1	1	1	1	1	1
96	2020-B-17061984	Sandeep Pagi	CE	1	1	1	1	1	1	1	A	1	1	1	1
97	2020-B-06111988	Rahul Shelke	CE	1	1	1	1	1	1	1	1	1	1	1	1
98	2020-B-05061998	Ashutosh markad	CE	1	A	1	1	1	1	1	1	1	A	1	1
99	2020-B-01022002B	Shivani Waikar	CE	1	1	1	1	1	1	1	1	1	1	1	1



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100	2020-B-1205199	Kajal dakhale	CE	A	1	1	1	1	1	1	1	1	1	1	1
101	2020-B-0712199	Anurag Patwardhan	CE	1	A	1	1	1	1	1	1	1	1	1	1
102	2020-B-0607200	Shubham Chavan	CE	1	1	A	1	1	1	1	1	A	1	1	1
103	2020-B-0612200	Rutuja Galande	CE	1	1	1	1	1	1	1	1	1	1	1	1
104	2020-B-1201200	Saumya Surana	CE	1	1	1	1	1	1	A	1	1	1	1	1
105	2020-B-1412200	Rohan Mule	CE	1	1	1	1	1	1	A	1	1	1	1	1



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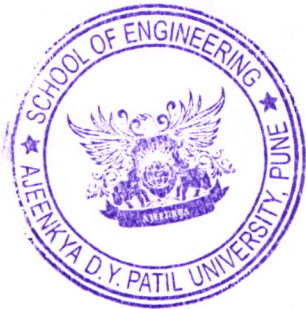


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Evaluation Plan:-

- 75% Attendance is mandatory to get certified in this training program.
- 60% marks to score in MCQ test is mandatory to get certified in this training program.



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List of Students to Whom Certificates are Distributed

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Sr. No.	Name of student	URN
106.	Abhisekha Sudarsan Pradhan	2019-B-13042001
107.	Abhishek Rajesh Kalantri	2019-B-28022001C
108.	Abhishek Ravindra Javalkoti	2019-B-24082001A
109.	Aditya Amrut Bhandari	2019-B-18022002
110.	Aditya Kumar Verma	2019-B-01112000A
111.	Adnan Imtiyaz Shaikh	2019-B-09052001
112.	Akash Rajesh Pathak	2019-B-08012001
113.	Akash Suresh Patil	2019-B-04072001A
114.	Akshat Sudhanshu Srivastava	2019-B-29052000
115.	Amritanshu Vishwajeet	2019-B-06032000
116.	Amrutha Amarender Vanaparathi	2019-B-23032002
117.	Anand Fattelal Chandak	2019-B-30052001
118.	Anjali Pradeep Kumari	2019-B-21062001A
119.	Anshul Narendra Kumar Agarwal	2019-B-04072002
120.	Anushree Vinod Chourasia	2019-B-02082001
121.	Anushri Jeetendra Upadhye	2019-B-03052000
122.	Apurva Bhushan Patil	2019-B-05122001
123.	Arjun Jagdish Rakwal	2019-B-26082001
124.	Arpit Rajesh Singh	2019-B-28022001C



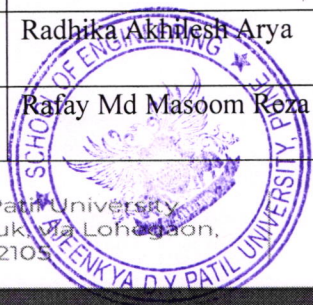
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128.	Biswojeet G Samal	2019-B-21122001
129.	Chaitanya Pawar	2019-B-13072001B
130.	Chaitanya Rajesh Sethia	2019-B-30122001A
131.	Chirag Rajendra Agrawal	2019-B-08122000B
132.	Hanesh Sunil Jogani	2019-B-21072001
133.	Harsh Hasmukhbhai Vasoya	2019-B-08022001
134.	Harsh Pravinbhai Moradiya	2019-B-01052001
135.	Harshvardhan Lallan Singh	2019-B-28102001
136.	Hetvi Atulbhai Bhattasana	2019-B-17082001
137.	Himanshi Sandeep Gomber	2019-B-07112001
138.	Jaineel Alpesh Petiwale	2019-B-21032001
139.	Jainil Kiritkumar Gajjar	2019-B-28092001A
140.	Janhavi Nilesh Ghogle	2019-B-28092001
141.	Jinnish Prakash Dalal	2019-B-26092001
142.	Jitesh Nitesh Singh	2019-B-20022001A
143.	Kamlesh Subodh Raw Kumar	2019-B-15112000B
144.	Kastup Raj Bhattarai	2019-B-28092001B
145.	Kunal Dinesh Biswas	2019-B-02042001



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146.	Kushagra Jitendra Goel	2019-B-19102000
147.	Lokesh Devendra Satpute	2019-B-01022001
148.	Malay Arvind Parmar	2019-B-29012001
149.	Mayur Nitesh Agrawal	2019-B-21082001
150.	Tarang Manish Kataria	2019-B-07082000
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152.	Deeksha Tomar	2020-B-12012001A
153.	Glavian castelino	2020-B-25111999
154.	Dhriti Santosh Dogra	2019-B-22102001A
155.	Merlyn Eugene Rosario	2019-B+09042001B
156.	Mridul Yogesh Mishra	2019-B-08072002A
157.	Nisha Dashrath Sahu	2019-B-08072002
158.	Pankaj Ram Prasad Mandal	2019-B-12112000B
159.	Parul Himanshu Gandhe	2019-B-22082001
160.	Pranay Naresh Narang	2019-B-07042001
161.	Pranesh Pankaj Sinha	2019-B-20012001
162.	Pratiksingh Kalyansingh Patil	2019-B-18092001
163.	Prerna Santosh Kashyap	2019-B-20042001
164.	Pulkit Ajit Agarwal	2019-B-30051998
165.	Radhika Akhlesh Arya	2019-B-10021999
166.	Rafay Md Masoom Reza	2019-B-17011999

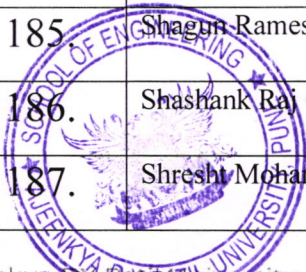


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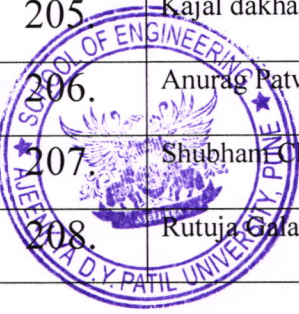
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170.	Rishav Rajesh Singh	2019-B-17102000
171.	Ritesh Rajaram Wagh	2019-B-05042000
172.	Riya Ashish Sinha	2019-B-29092000
173.	Rohan Shankar Gawade	2019-B-26122001
174.	Rohit Manoj Chamediya	2019-B-14112001A
175.	Rudra Vikas Dutt	2019-B-29072001
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178.	Samuel Selassi Ablometi	2019-B-02081997
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182.	Satyam Jaikesh Singh	2019-B-29012001A
183.	Satyam Kamlesh Mishra	2019-B-09091999
184.	Saurabh Shyam Gawarguru	2019-B-23122000
185.	Shagun Ramesh Ganjoo	2019-B-07052001
186.	Shashank Raj Ganga Sharan	2019-B-24022001
187.	Shreshth Mohan Lal Bargujar	2019-B-24111999



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188.	Shrestha Suresh Sarda	2019-B-12072000A
189.	Shrish Dhananjay Pandey	2019-B-21032001A
190.	Shubham Subodh Kumar	2019-B-18072001A
191.	Sneha Suraj Yadav	2019-B-28072001
192.	Suyash Harendra Sharma	2019-B-15022000
193.	Tarun Aditya Kusupati	2019-B-10042001
194.	Vaishnavi Ashok Gupta	2019-B-09092001
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196.	Vikram Pratap Tomer	2019-B-20082000
197.	Vishwajeet Akhilesh Mishra	2019-B-21052001
198.	Vivek Ganesh Kamble	2019-B-30042001
199.	Zubin Alex Mathew	2019-B-26032001A
200.	Pratik Narsale	2020-B-21082001A
201.	Sandeep Pagi	2020-B-17061984
202.	Rahul Shelke	2020-B-06111988
203.	Ashutosh markad	2020-B-05061998
204.	Shivani Waikar	2020-B-01022002B
205.	Kajal dakhale	2020-B-12051999
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208.	Rutuja Galande	2020-B-06122000



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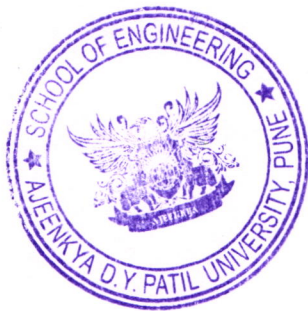
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209.	Saumya Surana	2020-B-12012000A
210.	Rohan Mule	2020-B-14122001A



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