ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
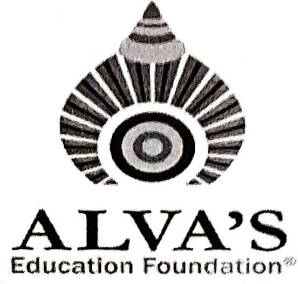
Shobhavana Campus, Mijar – 574225, Moodbidri.

Dakshina Kannada Karnataka, India.

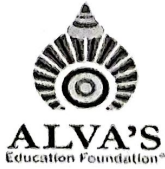## ALVA'S
Education Foundation®

Department of Computer Science and Engineering

ONLINE CERTIFICATION COURSE

ACADEMIC YEAR

2020-2021

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri – 574 225
Phone: 08258-262725 Fax: 08258-262726

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref No: AIET/CS/CC/2020-2021/003

Date: 3|9|2020
Place: AIET, Moodbidri.

APPROVAL LETTER

To,

The Principal,

AIET, Moodbidri

Respected Sir,

Sub: - Approval for Online Students Certification/Training Program via Oracle Academy"-Reg.

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning for Online Students Training Program/certification course on **"Database Foundations and Artificial Intelligence and Machine Learning"** through the Oracle Platform**".**

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.

Coordinator:

Mr. Venkatesh Bhat

Head of the Department:
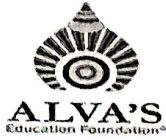
Dr. Manjunath Kotari
H. O. D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Principal:

PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dated 16/09/2020

CIRCULAR

It is hereby informed to all 3rd year and final year the students that Orcale academy is offering various certification courses, hence all the 3rd years students are suggested to choose Database foundations course and final years are suggested to choose Artificial Intelligence and Machine Learning course which is of 30 hours and complete it before the deadline.

(HOD)

H. O. D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

"Online certification Course"

- COURSERA
- UDEMY
- CISCO
- VMWARE
- SALEFORCE
- MATHWORK
- AWS
- RPA
- UIPATH
- GREAT LEARNING
- ORACLE
- FREE CODE CAMP

Alva's Institute of Engineering & Technology
Shobhavana , Mijar, Moodbidri - 574225
Web: aiet.org.in
Accredited by NBA (CSE & ECE)

ALVA'S
Education Foundation®

Contact
Mr. Venkatesh
Certification Course Coordinator
venkatesh@aiet.org.in

ALVA'S Alva's Institute of Engineering and Technology, Mijar, Moodbidri is a premier Engineering Institute of Alva's Education Foundation, established in the year 2008, located adjacent to Mangalore-Sholapur National Highway, which is 24 Kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi. The college is ranked as one of the best Technical Institute in South Canara region. The institute offers under graduate programs in 5 branches of Engineering – Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, Mechanical Engineering, Computer Science & Engineering, VLSI Design & Embedded Systems. Seven departments in the institute has been recognized as research centers by Visvesvaraya Technological University, Belagavi.

Department of Computer Science and Engineering

Department of Computer Science and Engineering started functioning from the year 2008, with an intake of 60 and has enhanced to 120 from academic year 2012-13. The Post Graduate course, M.Tech in Computer Science and Engineering, was introduced from the academic year 2012-13 with an intake of 18 students. Department is recognized as a research centre from VTU. Faculty members are actively involved in co-curricular and extracurricular activities with association and professional bodies like CSI/ISTE. Department of Computer Science & Engineering has always been on a high growth and path since its establishment. To keep pace with latest technologies, department has employed experienced and dedicated faculty with strong commitment towards research work. The department is dedicated to education, research and overall excellence. For skill development Department have highly equipped add-on labs like Envision lab, Innovation Lab and iOS Lab.

The students are well placed in reputed industries as well as continuing higher education in the premier institutes. The Department of CSE organizes various events such as workshops, Seminars, Technical talks, delivered by eminent resource persons from academia & industry, who have excelled in their field.

The department regularly conducts special courses on advanced topics. Department of CSE encourages the faculty and students for participating in research activities for enhancing their subject knowledge and acquire information regarding current trends.

VISION OF THE DEPARTMENT

"Engendering competent, excellent professionals by transforming the knowledge and computing skills to individuals through modern innovative tools and techniques"

MISSION OF THE DEPARTMENT

• To produce skilled, creative software developers through rigorous training.
• To conduct specific technical courses to keep abreast to the latest technological developments and transformations in the domain.
• To implement the ideas of research and innovations in interdisciplinary domains.
• To establish Industry-Institute Interaction programs to enhance the skills of employability and entrepreneurship.

PROGRAM SPECIFIC OUTCOMES

A graduate of the Computer Science and Engineering Program will exhibit:

PSO1: Professional Skills: The ability to understand & implement the computer programs in the areas of Computer Architecture, System Software, Database Management Systems, Web Design, Multimedia and Computer Networking.

PSO2: Problem-Solving Skills: The ability to solve real-world problems by suitable mathematical model with strong technological concepts in rapidly growing arena of computer technology.

PSO3: Successful Career and Entrepreneurship: Knowledge in diverse areas of Software Engineering and Management & Entrepreneurship for IT Industry, conducive in cultivating skills for successful career development.

PROGRAM EDUCATIONAL OBJECTIVES

The graduates of Computer Science & Engineering will able to

PEO1: Exhibit the knowledge and skill sets to adapt to the dynamic technological transformations and developments in the field of Computer Science & Engineering.

PEO2: Get adapted to a corporate working environment discharging entrusted duties competently and be able to stay updated on the emerging technological changes to initiate a start-ups.

PEO3: Get engaged in an innovative career to exploit new ideas for gaining social and economic values or to pursue higher studies in the field of research

ABOUT ONLINE CERTIFICATION COURSE

Education is increasingly moving towards e-education to ensure that students continue to learn by embracing a distance learning environment.
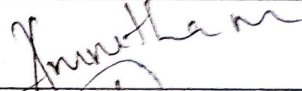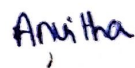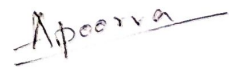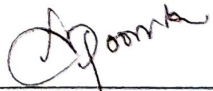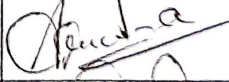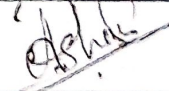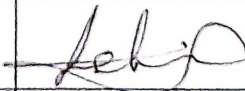
The use of digital technologies provides innovative and qualitative opportunities through the execution of the principles of mobility, virtualization, adaptability, flexibility and instant response. Moreover, it also facilitates social, emotional, and cognitive development. The foremost benefit of online certification is that a student gets to study at their own pace. Having a self-paced learning schedule can be a big help to students who need more time to learn. Moreover, students get to set up their learning environment in the comfort of their home. The added comfort puts students in a hassle-free space to seek knowledge, helping them to learn and understand the subject better.

Cost-effective and time saving, Better career opportunities in the job market, The growing relevance of online learning, Interactive Learning environment and networking opportunity etc.

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Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REGISTERED STUDENTS LIST

COURSE NAME: Artificial Intelligence and Machine Learning by Oracle Academy

Sl. No	USN	NAME	SIGNATURE
1.	4AL16CS047	Madhushree R	
2.	4AL17CS002	Ajeyashree K	
3.	4AL17CS003	Akshat Khandelwal	
4.	4AL17CS004	Akshata Narayana Hegde	
5.	4AL17CS005	Amrutha M	
6.	4AL17CS006	Anilkumar B N	
7.	4AL17CS007	Anusha	
8.	4AL17CS008	Anvitha Poojary	
9.	4AL17CS009	Anvitha U	
10.	4AL17CS010	Apeksha Rajendra Rane	
11.	4AL17CS011	Apoorva H P	
12.	4AL17CS012	Apoorva K N	
13.	4AL17CS013	Aruna K	
14.	4AL17CS015	Asha Rudrappa Totagi	
15.	4AL17CS016	Ashika	
16.	4AL17CS017	Ashwini	
17.	4AL17CS018	Ashwini Shekarappa Jadamali	
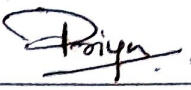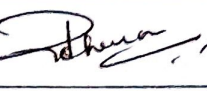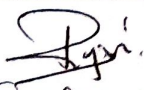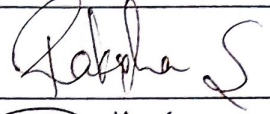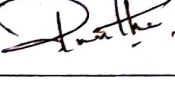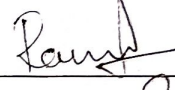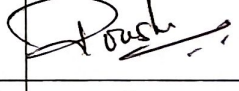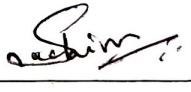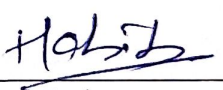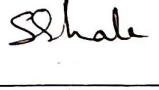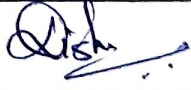
18.	4AL17CS019	Bhramari P Shetty	
19.	4AL17CS020	Chandana Patil	
20.	4AL17CS021	Chetana H	
21.	4AL17CS022	Chethana J	
22.	4AL17CS024	D Jasmine Joyline	
23.	4AL17CS025	Datta Kiran A B	
24.	4AL17CS027	Dhanya Bhat	
25.	4AL17CS028	Dheeraj Krishna Devadig	
26.	4AL17CS029	Dsouza Elston Ronald	
27.	4AL17CS030	Gayatri V Kamat	
28.	4AL17CS031	Gowda Roshni Shivprakash	
29.	4AL17CS033	Hemalatha S	
30.	4AL17CS034	Jagath Haren	
31.	4AL17CS035	Jayalakshmi M	
32.	4AL17CS036	Jayraj ChiragKumar Shah	
33.	4AL17CS037	John Alsten Tauro	
34.	4AL17CS038	K Thrishul	
35.	4AL17CS039	Kanaka B S	
36.	4AL17CS040	Kavana V	
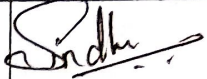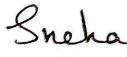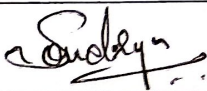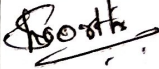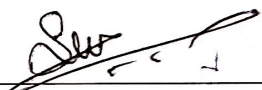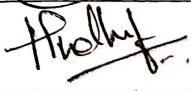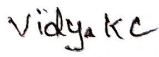
37.	4AL17CS041	Kavya	
38.	4AL17CS042	Kavya R Shetty	
39.	4AL17CS044	Koushik S N	
40.	4AL17CS045	Lathik Moger	
41.	4AL17CS046	Likitha M	
42.	4AL17CS047	M C Suchithra Heggade	
43.	4AL17CS048	Madan G Gudigar	
44.	4AL17CS050	Mhaske Pooja Sambhaji	
45.	4AL17CS051	Mahek Sabha	
46.	4AL17CS052	Nagashree Arun M	
47.	4AL17CS053	Naik Nayana Ganapati	
48.	4AL17CS054	Nanditha R Shetty	
49.	4AL17CS055	Netra Suresh Gudagamnala	
50.	4AL17CS056	Pallavi	
51.	4AL17CS057	Pavana P	
52.	4AL17CS059	Prajna	
53.	4AL17CS062	Pranav L M	
54.	4AL17CS063	Praveen Kumar S	
55.	4AL17CS065	Preethi	
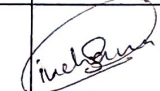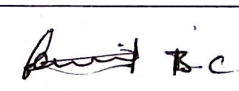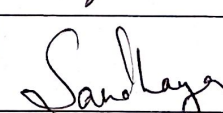
56.	4AL17CS066	Priya H T	
57.	4AL17CS067	Priyanka Killedar	
58.	4AL17CS070	Rachana K N	
59.	4AL17CS071	Raghavi Harischandra Gaonkar	
60.	4AL17CS073	Raksha S	
61.	4AL17CS074	Ramitha Y S	
62.	4AL17CS075	Rani M D	
63.	4AL17CS076	Ravali P	
64.	4AL17CS077	Rohan Mahaveer	
65.	4AL17CS078	Rohan Vashista B M	
66.	4AL17CS079	Rousha	
67.	4AL17CS080	Sachin Rajora	
68.	4AL17CS081	Sana F Habib	
69.	4AL17CS083	Shah Dhruvil Amit	
70.	4AL17CS084	Shaifa Shala	
71.	4AL17CS085	Shanbhag Atish Manoj	
72.	4AL17CS086	Shetty Ankit Suresh	
73.	4AL17CS087	Shetty Disha Ravindra	
74.	4AL17CS089	Shetty Sathvik Ravindra	

75.	4AL17CS090	Shilpa S U	
76.	4AL17CS091	Shreetal Kalabandi	
77.	4AL17CS092	Shrinivasa	
78.	4AL17CS093	Shwetha M S	
79.	4AL17CS094	Sindhu N	
80.	4AL17CS095	Sneha K Bakale	
81.	4AL17CS096	Soundarya R	
82.	4AL17CS097	Spoorthi M S	
83.	4AL17CS098	Spoorthi Balaji	
84.	4AL17CS099	Srilatha K Kamath	
85.	4AL17CS100	Suhas M S	
86.	4AL17CS101	Surya Prakash S	
87.	4AL17CS102	Sushmitha	
88.	4AL17CS103	Sushmitha B Poojary	
89.	4AL17CS104	Syed Hudaif Ibrahim	
90.	4AL17CS106	Varshitha	
91.	4AL17CS107	Vidya K C	
92.	4AL17CS108	Viha B Raju	
93.	4AL17CS109	Vikas A L	

94.	4AL17CS112	Vinod Kumar	
95.	4AL17CS114	Niriksha A	
96.	4AL17CS115	Suman Rathod	
97.	4AL17CS116	Sahana C	
98.	4AL17CS117	Sinchana	
99.	4AL17CS118	Jaiadithya y	
100.	4AL17CS119	Nachiketha S Bhat	
101.	4AL17CS120	B Sai Harsha	
102.	4AL17CS122	Ravi Math	
103.	4AL17CS123	Pruthvi B C	
104.	4AL18CS400	Sagar B V	
105.	4AL18CS401	Sandhya	

Signature of Coordinator

HOD

H. O. D.
Dept. Of Computer Science & Engineering
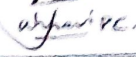Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
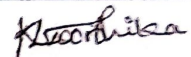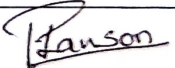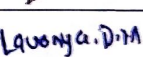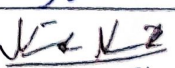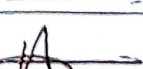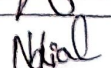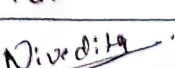
REGISTERED STUDENTS LIST

COURSE NAME: Database Foundation by Oracle Academy

Sl. No	USN	NAME	SIGNATURE
1.	4AL16CS049	Manibhushan N	
2.	4AL18CS001	Abhishek Joshi	
3.	4AL18CS002	Abhishek S Harsoorkar	
4.	4AL18CS003	Adarsha N Y	
5.	4AL18CS004	Akash S	
6.	4AL18CS005	Ambika V	
7.	4AL18CS007	Anjali Manohar Prabhu	
8.	4AL18CS008	Anush Ratnakar Shetty	
9.	4AL18CS009	Anusha K	
10.	4AL18CS010	Anvitha H M	
11.	4AL18CS011	Archana J C	
12.	4AL18CS012	Ashish Gracion Menezes	
13.	4AL18CS013	B A Sohankumar	
14.	4AL18CS014	Bhavya S	
15.	4AL18CS016	Chandana S	
16.	4AL18CS017	C K Chethan	
17.	4AL18CS019	Churashma	
18.	4AL18CS020	D Richard Franklin	
19.	4AL18CS021	Felina Simon Menezes	
20.	4AL18CS022	Felomina Jancy	
21.	4AL18CS023	Gudugunti Anirudh	
22.	4AL18CS024	Hanan Saleem Baji	
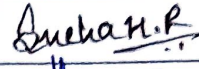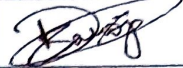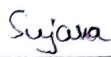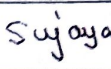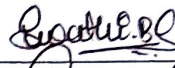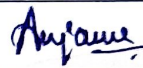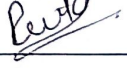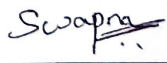
23.	4AL18CS025	Hymha N Raj	
24.	4AL18CS026	Ijaz Ibrahim	
25.	4AL18CS027	Jahnavi Pc	
26.	4AL18CS028	Jaison Jaideep Lobo	
27.	4AL18CS029	Jasline Sharon Tauro	
28.	4AL18CS030	Jyothi B R	
29.	4AL18CS031	K Isha Hegde	
30.	4AL18CS032	K S Prajwal	
31.	4AL18CS033	Karthik H B	
32.	4AL18CS034	Karthik S	
33.	4AL18CS035	Kavoor Latika Vinayak	
34.	4AL18CS036	Keertana Ganesh Ganiga	
35.	4AL18CS037	Khateeja Safreena	
36.	4AL18CS039	Krishnitha	
37.	4AL18CS040	Lanson Pereira	
38.	4AL18CS041	Lavanya D M	
39.	4AL18CS043	Laxman Pundalik Budhihal	
40.	4AL18CS044	Laxminarayan Miskin	
41.	4AL18CS045	M Mahammad Asif	
42.	4AL18CS046	M R Jeevan	
43.	4AL18CS047	M Venkataramanachari	
44.	4AL18CS049	Mohammed Mukarram	
45.	4AL18CS050	Naipunya	
46.	4AL18CS051	Naveen Md	
47.	4AL18CS052	Nihal Rafiq	
48.	4AL18CS053	Niveditha Magadum	

49.	4AL18CS054	P Yuvaraj	
50.	4AL18CS055	Ponica J	
51.	4AL18CS056	Pooja D S	
52.	4AL18CS057	Prajwal	
53.	4AL18CS058	Pramod P M	
54.	4AL18CS059	Pramod R	
55.	4AL18CS060	Prashant Rama Bhat Kodlekere	
56.	4AL18CS061	Prathusha Ka	
57.	4AL18CS062	Pratibha Shetti	
58.	4AL18CS063	Priya Nagari	
59.	4AL18CS064	Punith S	
60.	4AL18CS065	Rachana Bs	
61.	4AL18CS068	Ramesh Shekhappa Bhajantri	
62.	4AL18CS069	Raveena C Hulikatti	
63.	4AL18CS070	Riya C P	
64.	4AL18CS071	S Harin Gowda	
65.	4AL18CS072	S Mohammed Tanzeel	
66.	4AL18CS074	Samruddhi A Bogar	
67.	4AL18CS075	Sanjana	
68.	4AL18CS076	Shaikh Numaan Imtiyaz	
69.	4AL18CS077	Shailashree	
70.	4AL18CS078	SHIZA AMREEN J	
71.	4AL18CS079	Shraddha Acharya	
72.	4AL18CS080	Shreekiran R Bhat	
73.	4AL18CS081	Shrikantha	
74.	4AL18CS082	Sidramesh	

75.	4AL18CS083	Sinchana K N	
76.	4AL18CS084	Sneha G	
77.	4AL18CS085	Sneha H R	
78.	4AL18CS087	Spoorthy V V	
79.	4AL18CS088	Spoorti S Daroji	
80.	4AL18CS089	Sujana	
81.	4AL18CS090	Sujaya	
82.	4AL18CS091	Swathi B C	
83.	4AL18CS092	T K Koushik Chinnappa	
84.	4AL18CS093	Tushit Shukla	
85.	4AL18CS094	V Anjana Pai	
86.	4AL18CS095	Vandana	
87.	4AL18CS096	Vanishree Binjadagi	
88.	4AL18CS097	Viresh	
89.	4AL18CS099	Gulam Rabbani	
90.	4AL18CS098	Sudarshan Shetty	
91.	4AL19CS400	Nikhil Kumar	
92.	4AL19CS401	Praneeta Handral	
93.	4AL19CS402	Prasanna Kumar	
94.	4AL19CS403	Ritika Kulkarni	
95.	4AL19CS404	Swapna M D	

Signature of Coordinator

HOD

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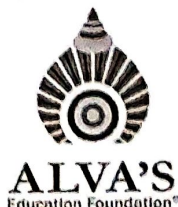
Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K – 574225
Department of Computer Science and Engineering

Report on Online Certification Course

The most important thing for an certification course is for it to be engaging and to deliver a clear outcome. An online certification course is an academic course (usually a non-degree certificate programs) that can be earned primarily or entirely on a distance learning basis through the use of an Internet-connected computer, rather than attending college in a traditional campus setting. Online courses are revolutionizing formal education, and have opened a new genre of outreach on cultural and scientific topics. These courses deliver a series of lessons to a web browser or mobile device, to be conveniently accessed anytime, anyplace. An "online course is designed as a built environment for learning.

Dept. has decided to make the students learns through various online platform about the various topics that are relevant their curriculum. Hence Dept. had given list of platform through which students can do the online certification course. All the final year students were suggested to do Course on Artificial intelligence and Machine Learning via Oracle platform for around 30 hours and all pre final years were advised to complete the Database foundation course through Oracle platform which was a course for around 30 hours duration. Dept. monitored their daily performance by collecting the information about what they learnt on everyday basis. And also students were suggested to prepare a brief report on what they learnt on everyday basis. An certification course is a way to learn a new skill or gain some new knowledge from the comfort of your own home. They can either be paid or offered for free. Some are offered by educational institutions, while others are produced by experts in their field.

Below are the sample of certificate that was issued by Oracle academy for completion of the course.

Summary Report of Add-on / Certificate program with its Outcomes

Academic Year : 2020-2021	**Duration:** Full year (July 2020 to June 2021)
Title of the Course: Online Certification (Coursera, GreatLearning, Orcale etc)	
Resource Person: -	

Dept. had decided to make the students learns through various online platform about the various topics that are relevant their curriculum due to Covid-19. Hence Dept. had given list of platform through which students can do the online certification course. All the final year students were suggested to do Course on Artificial intelligence and Machine Learning via Oracle platform for around 30 hours and all pre final years were advised to complete the Database foundation course through Oracle platform which was a course for around 30 hours duration.

Totally around 200 students of CSE department completed the Online certification course through various platforms, from this course students were able to

- Identify the basic concepts and various data model used in database design ER modelling concepts and architecture use and design queries using SQL

- Apply relational database theory and be able to describe relational algebra expression, tuple and domain relation expression from queries.

- Understand the basic theory underlying machine learning.

- Formulate machine learning problems corresponding to different applications.

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Department of Computer Science and Engineering

ORACLE
Academy

AWARD of COURSE COMPLETION

Database Foundations

PRESENTED TO

FELOMINA JANCY

FOR SATISFACTORY COMPLETION OF ALL COURSEWORK
6th February 2021

Oracle Academy Instructor

ORACLE
Academy

AWARD of COURSE COMPLETION

Artificial Intelligence with Machine Learning in
Java
PRESENTED TO

Shetty Sathvik Ravindra

FOR SATISFACTORY COMPLETION OF ALL COURSEWORK
20th January 2021

Oracle Academy Instructor

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