

**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

Shobhavana Campus, Mijar - 574225, Moodbidri.
Dakshina Kannada, Karnataka, India.



**Department of Electronics and Communication
Engineering**

ONLINE CERTIFICATION COURSE

ACADEMIC YEAR

2019-2020



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K
Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dated 30/05/2020

CIRCULAR

It is hereby informed to all the students to complete certification courses from various platforms such as Coursera, Udemy, Cisco, VMware, Salesforce, Mathwork, AWS, RPA, Uipath, GreatLearning by end of the semester.

A handwritten signature in black ink, appearing to be "D.V. R.", is written above the printed name of the Head of Department.

HOD
H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engineering & Technology
Mijar, MOODBIDRI - 574 225



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K
Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT ON ONLINE CERTIFICATION COURSE

Due to Covid-19 Lockdown, Dept. of ECE had given list of platform through which students can do the online certification course. All the final year students were suggested to do minimum 3 certification course. 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. 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.

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.

H. O. D.

**Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Courses Offered Based on Semester

IV Semester	VI Semester	VIII Semester
TCS ION	TCS ION	TCS ION
Digital Marketing	Digital Marketing	Digital Marketing
Introduction to IOT	Introduction to IOT	Introduction to IOT
Statistical Learning	Statistical Learning	Introduction to Cyber Security
Robotic Process Automation	Robotic Process Automation	Robotic Process Automation
Matlab Onramp	Matlab Onramp	Matlab Onramp
Network Security and Database Vulnerabilities	Network Security and Database Vulnerabilities	Network Security and Database Vulnerabilities
C Programming	C Programming	Introduction to Ethical Hacking
C++ Programming	C++ Programming	C++ Programming
Mathematics for Machine Learning: Linear Algebra	Mathematics for Machine Learning: Linear Algebra	
	Basic Statistics	



H. O. D.

**Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Summary of Online Certification Course Completed by the students

TCS ION Certification

	Completed	Total
2nd Year	35	55
3rd Year	78	98
4th Year	63	94
Total	176	247

Digital Marketing Course

	No. of Students Completed	Total no of students
2nd Year	43	55
3rd Year	73	98
4th Year	73	94
Total	189	247

Introduction to IOT

	No. of Students Completed	Total no of students
2nd Year	23	55
3rd Year	55	98
4th Year	46	94
Total	124	247

Statistical Learning Certification

	No. of Students completed	Total
2nd Year	41	55
3rd Year	68	98
Total	109	153

Cyber Security Certification

	No. of Students Completed	Total
4th Year	72	94
Total	72	94

Robotic Process Automation certification by UiPath

	No. of Students Completed	Total
2nd Year	37	55
3rd Year	61	98
4th Year	60	94
Total	158	247

Matlab by MathWorld

	No. of Students Completed	Total
2nd Year	11	55
3rd Year	76	98
4th Year	68	94
Total	155	247

Network Security and Database Vulnerabilities

	No. of Students Completed	Total
2nd Year	06	55
3rd Year	12	98
4th Year	09	94
Total	27	247

C Program Certification from Sololearn

	No. of Students completed	Total
2nd Year	45	55
3rd Year	77	98
Total	122	157

Ethical Hacking Certification

	No. of Students Completed	Total
4th Year	73	94
Total	73	94

C++ Certification

	No. of Students Completed	Total
2nd Year	45	55
3rd Year	80	98
4th Year	69	94
Total	194	247

Mathematics for Machine Learning: Linear Algebra

	No. of Students Completed	Total
2nd Year	29	55
3rd Year	56	98
Total	85	153

Basic Statistics

	No. of Students Completed	Total
3rd Year	45	98
Total	45	98



H. O. D.

**Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225**



Department of Electronics & Communication Engineering

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

Academic Year : 2019-20	Duration:
Title of the Course: Online Course	

Due to Covid-19 Lockdown, Dept. of ECE had given list of platform through which students can do the online certification course. All the students were suggested to do minimum 3 certification course. Dept. monitored their daily performance by collecting the information about what they learnt on everyday basis.

194 students of 2nd, 3rd, 4th year, Electronics and Communication Engineering are benefitted from this course and were able to

- Learn the concepts of IOT, Statistical Learning, MATLAB Onramp, C Programming, C++ Programming Network security and database vulnerabilities, RPA, Digital marketing etc.
- Utilize the lockdown period efficiently to learn courses useful for their placements and academics.

Dr. D V Manjunatha
H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



UNIVERSITY OF AMSTERDAM

08/01/2020

Varun G Shetty

has successfully completed

Basic Statistics

an online non-credit course authorized by University of Amsterdam and offered through Coursera



Dr. Annemarie Zand Scholten, Dr. Matthijs Duijn, Dr. ir. E.E. van Loon
University of Amsterdam

COURSE
CERTIFICATE



Verify at coursera.org/verify/BDLKKJTB6FYB

Coursera has confirmed the identity of this individual and
their participation in the course.

Imperial College
London

07/18/2020

Nithyashree S

has successfully completed

Mathematics for Machine Learning: Linear
Algebra

an online non-credit course authorized by Imperial College London and offered through
Coursera



David Dye and Samuel J. Cooper

COURSE
CERTIFICATE



Verify at coursera.org/verify/MVMJCE744LML

Coursera has confirmed the identity of this individual and
their participation in the course.