AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Dt: 31/08/2020

CERTIFICATE COURSES ORGANIZED DURING ACADEMIC YEAR 2019-20

S.No	Name of Add on /Certificate programs offered	Department	Course Code	Date of Introduction	Duration of course	Number of students enrolled	Year & Branch	Resource Person Details
1	CCNA R&S: Introduction to Networks	ECE	AM1920ECE01	7th JUNE 2019	8 Days	42	3rd year ECE	1.Dr Ravi Gowtham Trainer APSSDC
2	Advancements in Computational Fluid Dynamics	MECH	AM1920MEC01	10th JUNE 2019	5 Days	213	II, III, IV MECH	1.Sri K.Leela Kumar Associate Professor Department of Mechanical Engineering Vignan's Institute of Information Technology Visakapatnam. 2.Dr P.Rama Krishna Ph.D Mechanical Engineering CEO Beanch Mark Engineering Solutions Visakapatnam
3	The Joy of Computing Using Python	CSE	AM1920CSE01	1stJULY 2019	84 Days	27	1st year CSE	1.Dr Sudarshan Iyengar Professor IIT Ropar NPTEL.
4	CCNA R&S : Connecting Networks	ECE	AM1920ECE02	10th JUL 2019	8 Days	42	3rd year ECE	1.Dr Ravi Gowtham Trainer Department of ECE APSSDC.
5	CCNA R&S : Scaling Networks	ECE	AM1920ECE03	16th AUG 2019	7 Days	42	3rd year ECE	1.Dr Ravi Gowtham Trainer Department of ECE APSSDC.

6	Python Programming for Application Development Bundle	CSE	AM1920CSE02	26th AUG 2019	6 Days	141	1st year CSE & 2nd MBA	1.Dr A Rama Rao Professor LENDI Engineering College Visakapatnam. 2.Dr P.Aruna Kumari Assistant professor Department of CSE JNTU Vizianagaram.
7	Solid Edge-Foundation	MECH	AM1920MEC02	16th SEP 2019	6 Days	98	2nd year MECH	1.Kum M Vishalakshi Trainer APSSDC.
8	CCNA R&S : Routing and Switching Essentials	ECE	AM1920ECE04	17th SEP 2019	8 Days	42	3rd year ECE	1.Dr Ravi Gowtham Trainer Department of ECE APSSDC.
9	Electrical Vehicle Technology	EEE	AM1920EEE01	14th OCT 2019	6 Days	89	1st and 2nd year EEE and 1st ECE	1.Dr. R.K. Behara Professor Department of Electrical and Electronics Engineering IIT Patna. 2.Dr. P. Mallikarjuna Rao Professor Department of Electrical andElectronics Engineering Andhra University Visakhapatnam.
10	Data Science workflow and tools	CSE	AM1920CSE03	4th NOV 2019	6 Days	132	2nd & 4th year CSE	1.Dr S Jansi Rani Assistant Professor Andhra University Visakapatnam. 2. Dr G.Sowjanya Professor Department of Information Technology JNTU Vizianagaram.

Note: the column headers are not shown on this page. The columns correspond to: Sl. No., Course Title, Department, Course Code, Date, Duration, Count, Year/Branch, and Resource Persons.

11	Non-Destructive Methods & Techniques in Manufacturing Industries	MECH	AM1920MEC03	18th NOV 2019	5 Days	101	4th year MECH	1. Sri Rohit QA/QC Inspector R.Radiant Engineering Services Visakapatnam. 2.Sri D.Chiranjeevi Raju Sr.Engineer Power Plant Maintenance Section India Cements Limited Chilamkur Kadapa.
12	Power Quality Analysis of various Power Electronic Converters	EEE	AM1920EEE02	2nd DEC 2019	6 Days	76	3rd& 4th year EEE	1.Dr. P. Sekhar Associate Professor Vignan's Institute of Information Technology Visakhapatnam. 2.Dr. G. V. Nagesh Kumar Professor JNTUA.
13	Problem Solving through Programming in C	CSE	AM1920CSE04	20th JAN 2020	84 Days	34	1st MBA	1.Dr Anupam Basu Professor IIT Kharagpur NPTEL.
14	Programming, Data Structures and Algorithms using Python	CSE	AM1920CSE05	20th JAN 2020	56 Days	21	3rd year CSE	1.Prof Madhaven Mukund Mathematical Institute Chennai NPTEL.
15	Software Testing	CSE	AM1920CSE06	20th JAN 2020	28 Days	22	2nd year CSE	1.Prof Meenakshi Dsouza IISc Bangalore NPTEL.
16	The Joy of Computing Using Python	CSE	AM1920CSE07	20th JAN 2020	84 Days	31	3rd year CSE	1.Dr.Sudarshan Iyengar Professor IIT Ropar NPTEL.
17	5G and Wireless Communication for Beginners	ECE	AM1920ECE05	10th FEB 2020	6 Days	90	4th year ECE	1.Dr.M.Rajan Babu Professor Department of ECE Lendi Instate of Engineering and Technology Vizianagaram. 2.Dr.PA.NageshwaraRao Assosicate Professor Department of ECE Gayatri Vidya Parishid College Visakapatnam.

URL FOR ADDITIONAL INFORMATION/ EVIDENCE

S.No	Name of Add on /Certificate programs offered	URL for Additional Information/ Evidence
1	CCNA R&S: Introduction to Networks	http://avanthienggcollege.ac.in/assets/pdf/CCNARSIntroductiontoNetworks_CertCourse_2019-20.pdf
2	Advancements in Computational Fluid Dynamics	http://avanthienggcollege.ac.in/assets/pdf/AdvancementsinComputationalFluidDynamics_CertCourse_2019-20.pdf
3	The Joy of Computing Using Python	http://avanthienggcollege.ac.in/assets/pdf/TheJoyofComputingUsingPython_CertCourse_2019-20.pdf
4	CCNA R&S : Connecting Networks	http://avanthienggcollege.ac.in/assets/pdf/CCNARSConnectingNetworks_CertCourse_2019-20.pdf
5	CCNA R&S : Scaling Networks	http://avanthienggcollege.ac.in/assets/pdf/CCNARSScalingNetworks_CertCourse_2019-20.pdf
6	Python Programming for Application Development Bundle	http://avanthienggcollege.ac.in/assets/pdf/PythonProgrammingforApplicationDevelopmentBundle_CertCourse_2019-20.pdf
7	Solid Edge-Foundation	http://avanthienggcollege.ac.in/assets/pdf/SolidEdge-Foundation_CertCourse_2019-20.pdf
8	CCNA R&S : Routing and Switching Essentials	http://avanthienggcollege.ac.in/assets/pdf/CCNARSRoutingandSwitchingEssentials_CertCourse_2019-20.pdf
9	Electrical Vehicle Technology	http://avanthienggcollege.ac.in/assets/pdf/ElectricalVehicleTechnology_CertCourse_2019-20.pdf
10	Data Science workflow and tools	http://avanthienggcollege.ac.in/assets/pdf/DataScienceworkflowandtools_CertCourse_2019-20.pdf
11	Non-Destructive Methods & Techniques in Manufacturing Industries	http://avanthienggcollege.ac.in/assets/pdf/Non-DestructiveMethodsTechniquesinManufacturingIndustries_CertCourse_2019-20.pdf
12	Power Quality Analysis of various Power Electronic Converters	http://avanthienggcollege.ac.in/assets/pdf/PowerQualityAnalysisofvariousPowerElectronicConverters_CertCourse_2019-20.pdf
13	Problem Solving through Programming in C	http://avanthienggcollege.ac.in/assets/pdf/ProblemSolvingthroughProgramminginC_CertCourse_2019-20.pdf
14	Programming, Data Structures and	http://avanthienggcollege.ac.in/assets/pdf/ProgrammingDataStructuresandAlgorithmsusingPython_CertCourse_2019-

	Algorithms using Python	[20.pdf](#)
15	Software Testing	http://avanthienggcollege.ac.in/assets/pdf/SoftwareTesting%20_CertCourse_2019-20.pdf
16	The Joy of Computing Using Python	http://avanthienggcollege.ac.in/assets/pdf/TheJoyofComputingUsingPython_CertCourse_2019-20.pdf
17	5G and Wireless Communication for Beginners	http://avanthienggcollege.ac.in/assets/pdf/5GandWirelessCommunicationforBeginners_CertCourse_2019-20.pdf

COORDINATOR

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