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NAAC "B++" Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162. www.aietta.ac.in, principal@aietta.ac.in

6.3.3 Average number of professional development/ administrative training programs organized by the Institution for teaching and non-teaching staff during the year.

ADDITIONAL INFORMATION:

S.No	Dates (from-to) (DD-MM- YYYY)	Title of the professional program organized for teaching staff	Title of the administrative training program organized for non- teaching staff	No. of Participants	Page No.
	2022 – 2021(Total - 27)				
1	23-07-2020 to 24-07-2020	Two-day FDP on Machine-learning		19	1
2	30-12-2020		One-day workshop on Skill Development	14	14
3	20-01-2021 to 21-01-2021	Two-day FDP on Data Science with Python		19	20
4	22-03-2021 to 23-03-2021		Two-day workshop on MS-EXCEL for technical staff	14	29



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5	08-09-2020 to 10-09-2020	Three-day FDP on Advances in Refrigeration & Air-Conditioning		09	37
6	26-10-2020 to 28-10-2020	Three-day FDP on Product Development Using Computational Fluid Dynamics		08	46
7	28-12-2020 to 29-12-2020	Two-day FDP on Recent trends in Mechanical Engineering		09	54
8	20-01-2021 to 22-01-2021	Three-day FDP on Modelling Using Solid Works Software		07	63
9	17-02-2021 to 18-02-2021		Two-day Training program on Advances in Internal Combustion Engines	03	72
10	09-03-2021 to 11-03-2021		Three-day Training program on Futuristic Innovations on Solar Energy	04	81
11	07-11-2020 to 08-11-2020	Two-day FDP on Internet of things using Arduino Uno Based development board		09	90
12	15-12-2020 to 16-12-2020		Two-day Training program on Simulation Using MATLAB for Digital Processing applications	03	99



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13	16-03-2021 to 17-03-2021		Two-day Training program on VHDL programming for VLSI Applications using Xilinx	03	108
14	24-08-2020 to 26-08-2020	Three-day FDP on System Design through VERILOG		08	117
15	28-09-2020 to 30-09-2020	Three-day FDP on Fundamentals of MIMO Wireless Communication		09	126
16	10-02-2021 to 12-02-2021	Three-day FDP on Signal Processing on ramp		09	135
17	14-09-2020 to 17-09-2020	Four-day FDP on Applications Differential Equations		10	144
18	14-07-2020 to 16-07-2020	Three-day FDP on English Communication skills		10	153
19	23-11-2020 to 24-11-2020	Two-day FDP on Soft skills		10	162



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Tagarapuvalasa, Dt:9/7/2020.

From
Dr A. Chandra Sekhar,
HOD-CSE,
Avanthi Institute of Engineering & Technology.

(Through Proper Channel)

To

The Principal,

Avanthi Institute of Engineering & Technology.

Subject: Request for permission to conduct Training for teaching faculty for two days from 23-07-2020 to 24-07-2020.

Sir,

I hope this letter finds you in good health and spirits. I am writing to request your permission to organize a Training program for the teaching staff in our college.

The FDP is focused on "Machine Learning" and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted from 23-07-2020 to 24-07-2020, through online platform. We have made all the necessary arrangements, including the invitation of knowledgeable and experienced speaker and the provision for connectivity through online. Our team has also taken into consideration all the safety measures to ensure a smooth and secure event.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event. Thank you for considering our request. I look forward to your positive response.

Yours Sincerely,

Dr A. Chandra Sekhar, HOD,CSE

Head of the Department

Computer Science and Engineering

AND INSTITUTE OF ENGG & TECH

Avanthi Institute of Engineering and Technologyupally (V), Chittivalasa (SAO).

gapuram (M), Vizianagaram(D)-53110.

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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CIRCULAR

Department of Computer Science & Engineering is conducting a Faculty development program virtually for two days on "MachineLearninig" for Teaching staff from 23-07-2020 to 24-07-2020. All the interested Faculty are invited to register and attend the event without fail. Meeting link will be communicated soon.

Date: 23rd to 24th July, 2020.

Meeting Platform: - Zoom meeting app.

Time: 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

Copy to

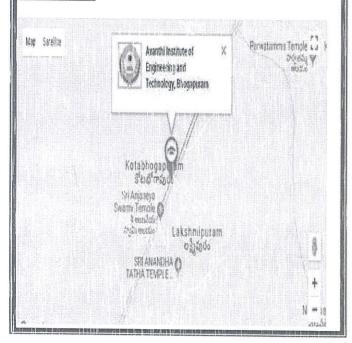
The principal

HOD, CSE
Head of the Department
Computer Science and Engineering
ANTHI INSTITUTE OF ENGG & TECH
herukupally (V). Chittivalasa (SAO),
apuram (M), Vizianagaram(D)-53116

INSTITUTION

Avanthi Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada and is accredited by NAAC. The college is well equipped with state of art laboratories and computer centres. The college is 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapuvalasa Bridge adjacent to NH-16. Students of Avanthi boast of their excellent academic performance both at University level and GATE with an unenviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

Route Map



ORGANISING COMMITTEE

Chief Patron

Sri M.Srinivas Rao, Chairman, AIET

Patron

Sri M.V.S.S. Nandish, Vice Chairman, AIET Dr.M.Priyanka, General Secretary, AIET

Convener

Dr. .S.N.V Ganesh, Principal, AIET

Co-Convener

Dr A Chandra Sekhar, HOD (CSE)

Organizing Committee

Dr.A. BalaKrishna(CSE)

Mr A Kesava Rao (CSE)

Mrs A.Swathi(CSE)

Mr. P Monika(CSE)

Mr A. Vasudeva Rao(CSE)

Mr. H Deva Raju(CSE)

Members

Faculties from Computer All Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering of the Host Institute.

A TWO DAY FACULTY DEVELOPMENT PROGRAMME ON

Machine Learning (AIET-2020)

23rd to 24th July 2020

organized by

DEPARTMENT OF COMPUTER **SCIENCE & ENGINEERING**



AVANTHI INSTITUTE FOR ENGINEERING & TECHNOLOGY

CHERUKUPALLY(V), NEAR TAGARAPUVALASA

BRIDGE VISIANAGARAM DIST-531162

WTHI INSTITUTE THE STATE OF THE Bhogapuram (M), Vizianagaram (Dist.)-531162

OBJECTIVE

The Objectives of FDP on Machine learning was the field of study that gives computers the ability to learn without being explicitly programmed. It is a form of AI that enables a system to learn from rather than through explicit programming. It helps in analyzing the data as well as identifying trends.

COURSE CONTENTS:

- 1. Introduction to Machine Learning
- 2. Regression: LASSO & Ridge Regression
- 3. K-mean, K-NN, and Bayesian Classification
- 4. Dimensionality Reduction: PCA and ICA

ELIGIBILITY

Faculty members from AICTE approved Institutes, Practicing Engineers, Scientists, Students (UG, PG and Research Scholars) are eligible to attend the FDP.

PROCEDURE OF REGISTRATION

Faculty from Institutions: Rs. 300/Research Institutions: Rs. 500/Students: Rs. 200/Students, CSI: Rs. 100/-

Last Date for submission: 20th July 2020 Application form duly filled along with a D.D. as applicable for respective participants drawn in favor of Principal AIET, payable at Tagarapuvalasa (SBI, India); should be sent on or before 20th July2020

Co-ordinator

Dr. A Bala Krishana (CSE)

Mobile :+91-9959591840

RE SOURCE PERSON

Dr Naresh Babu M Mobbile: 8897165555

E-mail : nareshbabu@cse.nits.ac.in

<u>Note</u>: Confirmation to the selected candidates will be Sent By Mail /Mobile

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Bhogapuram (M),
Bhogapuram (Dist.)-531162
Vizianagaram (Dist.)-531162

A TWO DAY FACULTY DEVELOPMENT PROGRAM ON

Machine Learning

23rd to 24th
JULY 2020

Registration Form

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antici	pain	DIA	anne	

Qualification

Department

Organization

Address for :
Communication :

Phone No. (O) :

(P)

E-mail

Registration fees :

DD No.:

Dt.:

Name of the Bank:

Accommodation required: Yes/No

SPONSORSHIP CERTIFICATE

This is to Certify that Mr. / Ms

an employee of our Institution since _____and is hereby sponsored to attend the two days Online FDP on "Machine Learning" at AIET, Tagarapuvalasa on July-2020

Place:

Signature of Head of

Date:

the Institution



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A REPORT ON TWO DAY ONLINE FACULTY DEVELOPMENT PROGRAM ON MACHINE LEARNINIG

On

23-7-2020 to 24-7-2020

Dates of the event:

23-7-2020 & 24-7-2020

Time: 10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

Platform: Zoom meeting Application

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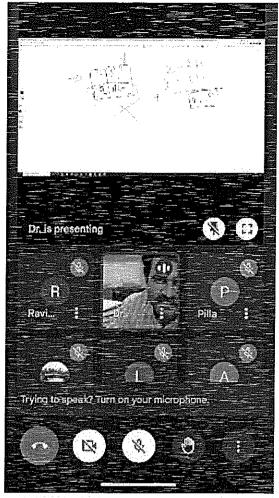
FDP REPORT

A 2- Day virtual FDP was organized in online mode through Zoom on "Machine Learning" from 23rd – 24th July, 2020 which was co-ordinated by Dr A. Bala Krishana P and Mr S. Kesava Rao. The FDP was organized for the Faculty Members, Staff Members and Research Scholars. After attending the FDP, participants were able to gather knowledge of different machine learning techniques and applications and also NLP.

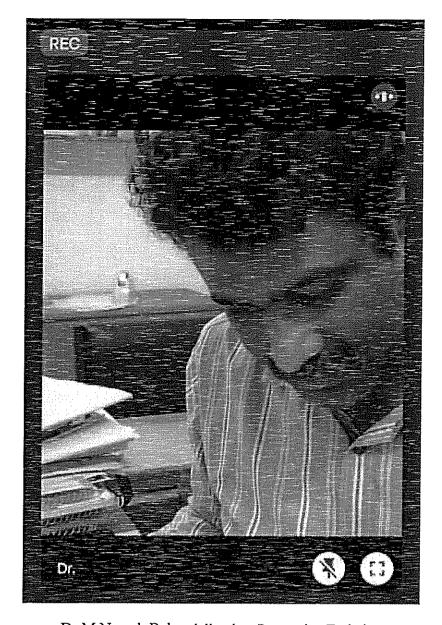
There was an inauguration ceremony at the beginning of the programme. After that we started the 1st session. Among us we had Dr. M Naresh Babu Assistant Professor, Department of Computer Science & Engineering, NIT Silchar

About the talk: Sir has delivered talk on "MACHINE LEARNING OVERVIEW: TRENDS AND PROSPECTS".

- On the first day the sessions started with Introduction to Machine Learning and later the sessions on with Regression: LASSO & Ridge Regression
- 2. On the Second day the sessions continued with brief recap of the previous day's session and clarification of the doubts. Later the sessions on the sessions were K-mean, K-NN, and Bayesian Classification along with Dimensionality Reduction: PCA and ICA along with the reference from the previous sessions and a lot of interaction between the resource person and the attendees.



Dr.M Naresh Babu delivering Introduction to Machine Learning



Dr.M Naresh Babu delivering Regression Technique

The session was concluded with vote of thanks.

The participants are redirected to tune in the meeting room for further inputs.

The session for three days held in same link.

The total numbers of participants are 19 from department of CSE.

Valedictory:

The certificates to the participants were released and have been sent through mail.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Participants:-

TWO Day Online FDP on Machine Learninig (23-7-2020 &24-7-2020)

S.No	Name of the Faculty	23-7-2020	24-7-2020
1	Dr. Anepu Bala Krishna, Professor	32~	Bohn
2	Nimmala Sakitha Sri, Assistant Professor	Max	Wilela
3	P Satyanarayana, Assistant Professor	R.	- A
4	Karra Meher Prasad, Assistant Professor	1 Jan. 1.	1 Uh.P.
5	Seerapu Kesava Rao, Assistant Professor	an	an
6	Podugu Ravikumar, Assistant Professor	Res	04
7	Vasantha Murali Krishna, Assistant Professor	Nevality	rusarb.
8	Gangiraju Kanaka Maha Lakshmi, Assistant Professor	N	W
9	Hanumanthu Devaraju, Assistant Professor	to Dovella	Hopered (
10	Pathivada Monika, Assistant Professor	1 m	- I will
11	Karumajji Hymavathi, Assistant Professor	v. vigue	v. tryn
12	Mishra Sangita, Assistant Professor	Mishra	Milistra
13	Akula Swathi, Assistant Professor	1	2
14	Surendra Kumar Choudary, Assistant Professor	Jaly	pelag
) 15	V.Sarada, Assistant Professor	1	6
16	Addala Vasudeva Rao, Assistant Professor	Au	Au
17	Galla Venkataswamy, Assistant Professor	Civoate	aron
18	Thota Paramesh, Assistant Professor	TP	The
19	Etyala Ramya Sree, Assistant Professor	Poraya	Bank

HOD, CSE

Head of the Department

Corneuter Science and Engineering

ANTHI INSTITUTE OF ENGG & TE
ATUKUPALLY (V). Chittivalasa (SAC)

Burgapuram (M). Vizianagaramer Survey

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Avanthi Institute of Engineering and Technology



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Certificate

A TWO DAY FACLUTY DEVELOPMENT PROGRAM ON

MACHINE LERNING

(23-27-MARCH, 2020)

P. Satyananayame, Asst. Properse

For Successfully completing the Faculty Development Program on Machine Learning organized by the department of CSE

CONSTITUTE OF ENGG & TECH

Cherukupaliy (Dist.)-531162



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Certificate

A TWO DAY FACLUTY DEVELOPMENT PROGRAM ON

MACHINE LERNING

(23-27-MARCH, 2020)

S. Kesava Row, Asst. Mofessa

For Successfully completing the Faculty Development Program on Machine Learning organized by the department of CSE

Head of the Department

CONSTRUCTION
INSTRUCTION

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Bhogapuram (Dist.)-531162



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Certificate

A TWO DAY FACLUTY DEVELOPMENT PROGRAM ON

MACHINE LERNING

(23-27-MARCH, 2020)

A- Swathi, AKSt. Pryessa

For Successfully completing the Faculty Development Program on Machine Learning organized by the department of CSE

Concluder Science and Engineering AVANTHI INSTITUTE OF ENGG & TECH

Cherukupatry (Characama (SAO)

Bhogapuram (M),
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Certificate

A TWO DAY FACLUTY DEVELOPMENT PROGRAM ON

MACHINE LERNING

(23-27-MARCH, 2020)

Dr A. Bala wrishne, Projessor

For Successfully completing the Faculty Development Program on Machine Learning organized by the department of CSE





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Tagarapuvalasa, Dt:23/12/2020.

From
Dr A. Chandra Sekhar,
HOD-CSE,
Avanthi Institute of Engineering & Technology.

(Through Proper Channel)

To
The Principal,
Avanthi Institute of Engineering & Technology.

Sub: Permission to conduct of One day workshop on SKILL DEVELOPMENT $\,$ for the non teaching staff in the institute from 30^{th} December 2020-Reg

Sir,

With due , here by stating that, I on behalf of CSE department request you for conducting "One day Workshop on SKILL DEVELOPMENT" for our non teaching I staff on 30th December 2020 at our Computer Lab-I . Mr S. Kesavav Rao , Assistant Professor and Mrs N. Sakitha Sri Assistant Professor choosen resource persons to deliver the lecture. Arrangements are done without disturbing the regular class work schedule.

We, therefore, hope that you would be kind enough to permit us to conduct the workshop. Kindly grant us the permission.

Thanking you Sir,

Yours Sincerely,

Dr A.Chandra Sekhar,

Head of thHODp@SEent

Computer Science and Engineering AVANTHI INSTITUTE OF ENGG & TECH Cherukupally (V), Chittivalasa (SAO),

Bhogapuram (M), Vizianagaram(D)-531160

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by A.I.C.T.E., New Delhi, & Permanently Affiliated to J.N.T.U.K., Kakinada)

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CIRCULAR

Dt:27/12/2020.

This is to inform all the Non teaching staff of Avanthi Institute of Engineering and Technology that the Department of CSE is conducting a One day Workshop on Skill Development in the Institute from 30 December 2020. Non Teaching Staff who are interested to attend the program can register for the program.

Date & Time: 30-12-2020, 10AM to 12 PM & 2 PM to 4PM.

Venue: Main Block/ Computer Lab-I.

Head of the Department Computer Science and Engineering AVANTHI INSTITUTE OF ENGG & TE Cherukupally (V), Chittivalasa (SAO) Bhogapuram (M), Vizianagaram(D)-531162

PRINCIPAL AVANTHI INSTITUTE OF ENGG. & TECH Cherukupally (V), Chittivalasa (SAO) Bhogapuram (M), Vizianagaram (Dist.)-531162



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A ONE DAY WORK SHOP ON

SKILL DEVELOPMENT (30 December, 2020)

Organized By Department

of CSE

Resource Persons: 1. S. Kesava Rao, Assistant Professor, CSE

2. N. Sakitha Sri, Assistant Professor, CSE

Venue

:COMPUTER LAB -I

The Department of Computer Science & Engineering (CSE) of AIET has organized a one day workshop on "COURSE ON SKILL DEVELOPMENT" for Non teaching staff during on 30-12-2020. The main Objective of this programme is to give hands-on training on MS-Word, MS-Excel, Typing Master, and Gmail Essentials to the participants

The workshop began with a welcome note by the Principal, Dr. SNV Ganesh Further, Principal told participants the importance of such workshop for career advancement. The workshop was taken up in two sessions. Mr S. Kesava Rao Assistant Professor, and Mrs N. Sakitha Sri were the resource persons for the morning session and evening session respectively.

First session began at 9.30 am, where in Mr A. Kesava Rao started the session by giving an overview of the hands-on training and made them aware about the various software tools available, which can add on more speed, accuracy and efficiency in their typing skills. She made the participants comfortable with typing tutor software and made them learn the basic techniques by having hands-on experience on the actual software so that they can use the keyboard efficiently and get familiar with the dynamics of keyboard environment. She gave them various tips about how to use fingers on keyboard so they can type or edit the content quickly. She also emphasized on usage of various keyboard shortcuts, which can be beneficial to avoid unnecessary delay in work. Further, Mr S. Kesava Rao gave them hands-on training on how to use MS-Excel for carrying out basic calculations, data entry, formatting and report generation. At the end of the first session, she explained the participants about creating Gmail account, essentials of email, and various functionalities of Google Drive. She also gave few suggestions on how to have regular backup and save daily official work periodically in case of system crash or any other technical failure.

Second session commenced at 2.00 p.m. sharp. Mrs N. Sakitha Sri welcomed the participants, and made them familiar with MS Word environment. Main attention was given on creation of quality documents and formatting/aligning the document content. She made them work on creation/edition of tables, working with basic formulas on the table content, and text wrapping and alignment within the table. Further, she demonstrated various paragraph alignment tools and features that can make the document readable. Participants were taught how to insert images in the document, how to edit the inserted graphics, how to wrap the text around the graphics and usage of watermarks in the document. Finally, Mrs N. Sakitha Sri , gave them hands-on training on different techniques of Mail Merge.

All the participants enthusiastically worked on the assigned task throughout the workshop. They were very much involved in learning and trying out the features and got their doubts clarified. The workshop came to an end at 5.00 p.m, with a positive feedback from all the participants.



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Participants:-

One Day Work Shop on Skill Development (30-12-2020)

S.NO	NAME OF THE PARTICIPANT	CICNIATURE
0.110	NAME OF THE PARTICIPANT	SIGNATURE
1		Dt:30-12-2020
1	Mr I. Sekhar, Accounts	Sw-
2	Mr P. Naresh, Accounts	DAZ
3	Mr MSV Rajendra Prasad, Scholarship	gris.vil. And
4	Mrs A NagaMani, Reception	(2)
5	Mr G Murali, Exam Cell	(Pr
6	Mr Ch Siva Kumar, CSE Lab Asst	an
7	Mr S Ramesh, Exam Cell	
8	Mr M GuruKrishna, Ofiice clerk	h-gayain
9	Mr N Suresh, MECH Lab Asst	NS
10	Mr MP Divakar Das, MECH Lab Asst	(B)
11	Mr K Appala Narayana, MECH Lab Asst	De la companya della companya della companya de la companya della
12	Mr B Srinivas, MECH Lab Asst	And a second
13	Mr I Ramu, EEE Lab Asst	4
14	Mr P Santhosh, CSE Lab Asst	Caren
15		

HOD, CSE

Head of the Department

Computer Science and Engineering

AVANTHI INSTITUTE OF ENGG & TECH.

Cherukupally (V). Chittivalasa (SAO).

Bhogapuram (M), Vizianagaram(D)-531162

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Bhogapuram (M),
Bhogapuram (M),
Vizianagaram (Dist.)-531162



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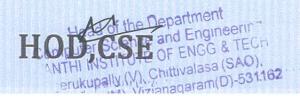


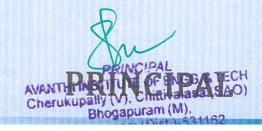
ONE DAY WORKSHOP ON SKILL DEVELOPMENT

(30-12-2020)

I. Sexhay

For Successfully completing the workshop on SKILL DEVELOPMENT organized by the department of CSE







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> Tagarapuvalasa Dt:6/1/2021.

From Dr A. Chandra Sekhar, HOD-CSE, Avanthi Institute of Engineering & Technology.

(Through Proper Channel)

To

The Principal,

Avanthi Institute of Engineering & Technology.

Subject: Request for permission to conduct Training for teaching faculty for two days from 20-01-2021 to 21-01-2021.

Sir.

I hope this letter finds you in good health and spirits. I am writing to request your permission to organize a Training program for the teaching staff in our college.

The FDP is focused on "Data Science with Python" and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted from 20-01-2021 to 21-01-2021. We have made all the necessary arrangements, including the invitation of knowledgeable and experienced speaker and the provision for connectivity through online. Our team has also taken into consideration all the safety measures to ensure a smooth and secure event.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event. Thank you for considering our request. I look forward to your positive response.

Yours Sincerely,

Dr A. Chandra Sekhar, Head HOD, OSEartment

Computer Science and Engineering ANTHI INSTITUTE OF ENG

Avanthi Institute of Engineering and Technology (M), Vizionagaram, 2000, 32



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Cherukupally (Village), Near Tagarapuvalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162. www.aietta.ac.in, principal@aietta.ac.in

CIRCULAR

Department of Computer Science & Engineering is conducting a Faculty development program virtually for two days on "**Data Science with Python**" for teaching staff from 20-01-2021 to 21-01-2021. All the interested Faculty are invited to register and attend the event without fail.

Date: 20th to 21st January, 2021.

Venue: E-Class Room (Ground Floor) / Computer Lab - 1

Time: 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

Copy to

The principal

HOD, CSE

Head of the Department

Computer Science and Engineer

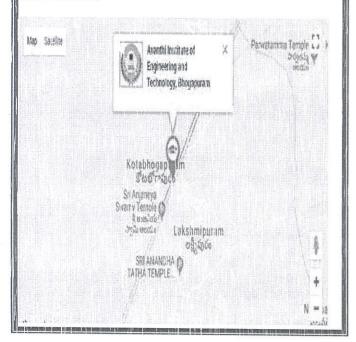
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INSTITUTION

Avanthi Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada and is accredited by NAAC. The college is well equipped with state of art laboratories and computer centres. The college is 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapuvalasa Bridge adjacent to NH-16. Students of Avanthi boast of their excellent academic performance both at University level and GATE with an unenviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

Route Map



ORGANISING COMMITTEE

Chief Patron

Sri M.Srinivas Rao, Chairman, AIET

Patron

Sri M.V.S.S. Nandish, Vice Chairman, AIET Dr.M.Priyanka, General Secretary, AIET

Convener

Dr. .S.N.V Ganesh, Principal, AIET

Co-Convener

Dr A Chandra Sekhar, HOD (CSE)

Organizing Committee

Dr.A. BalaKrishna(CSE)

Dr GRS Murthy (CSE)

Mr S. Kesava Rao(CSE)

Mrs A.Swathi(CSE)

Mr. P Monika(CSE)

Mr. H Deva Raju(CSE)

Members

Faculties from Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering. Mechanical AVANTHI Engineering of the Host Institute.

A TWO DAY FACULTY DEVELOPMENT PROGRAMME ON

Data Science with Python. (AIET-2021)

20th to 21st January 2021

organized by

DEPARTMENT OF COMPUTER **SCIENCE & ENGINEERING**



AVANTHI INSTITUTE FOR **ENGINEERING & TECHNOLOGY**

CHERUKUPALLY(V), NEAR TAGARAPUVALASA

BRIDGE, VIZIANAGARAM DIST-531162

www.avanthi.edu.in, www.ajetta.ac.in RINCIPAL

ISTITUTE OF ENGG. & TECH ruku ally (V), Chittivalasa (SAO)

Bhogapuram (M), Vizzenagaram (Dist.)-531162

OBJECTIVE:

The knowledge discovery and data analytics is globally catching attention technocrats. researchers. businessmen and entrepreneurs. The data analytics is working from data storage to business outcome. The objective of this workshop is to bring students and practitioners from academia and industry to focus on understanding knowledge discovery and to create awareness among the participants about recent tools and techniques.

Course Contents:

- 1.Introduction to PYTHON 2
- 2. Data Analysis using Numpy, Pandas
- 3. Classification, Clustering techniques and its Applications.
- 4. Decision making using ANN
- 5. Deep learning techniques.

PROCEDURE OF REGISTRATION

Faculty from Institutions: Rs. 200/-Research Institutions : Rs. 400/-Students : Rs. 200/-Students, CSI : Rs. 100/-

19th Date for submission: Last January2021 Application form duly filled along with a D.D. as applicable for respective participants drawn in favor of Principal AIET, payable Tagarapuvalasa (SBI, India); should be sent on or before 18th January 2021

Co-ordinator

Dr. GRS Murthy (CSE)

Mobile : +91-9110398830

RE SOURCE PERSON

Dr Tene RamaKrishnudu Mobile: 9866876842 E-mail: trk@nitw.ac.in

Note: Confirmation to the selected candidates 31162 will be Sent By Mail /Mobile language and didates 31162

A TWO DAY FACULTY DEVELOPMENT PROGRAM ON

Data Science with Python

20th to 21st **JANUARY 2021**

Registration Form

Participant's Name:

Qualification

Department

Organization

Address for

Communication

Phone No. (O)

E-mail

Registration fees

DD No.:

Dt.:

Name of the Bank:

Accommodation required: Yes/No

SPONSORSHIP CERTIFICATE

AVANTHI INSTITUTE OF ENGS. & TECH This is to Certify that Mr. / Ms

and is hereby sponsored to attend the two days Online FDP on "Data Science with Python " at AIET, Tagarapuvalasa on January-2021

Place:

Signature of Head of

Date:

the Institution



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A REPORT ON TWO DAY FACULTY DEVELOPMENT PROGRAM ON DATA SCIENCE WITH PYTHON

On

20-1-2021 to 21-1-2021

Dates of the event:

20-1-2021 & 24-1-2021

Time:

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

Venue:

E-Class Room (Ground Floor) / Computer Lab -

FDP REPORT

A 2- Day virtual FDP was organized on "Machine Learning" from 20th – 21st January, 2021 which was co-ordinated by Dr GRS Murthy P and Mr S. KesavaRao. The FDP was organized for the Faculty Members, Staff Members and Research Scholars. After attending the FDP, participants were able to gather knowledge of different data science techniques and applications and also Python.

There was an inauguration ceremony at the beginning of the programme. After that we started the 1st session. Among us we had Dr Tene RamaKrishnudu , Department of Computer Science & Engineering, NIT Warngal

About the talk: Sir has delivered talk on "Data Science OVERVIEW"

- On the first day the sessions started with Introduction to Data Science
- On the Second day the sessions continued with brief recap of the previous day's session and clarification of the doubts. Later the sessions on the sessions were Data analysis using Nummpy, pandas, classifications using ANN and Deep learning techniques from the previous sessions and a lot of interaction between the resource person and the attendees.

The session was concluded with vote of thanks.

The participants are redirected to tune in the meeting room for further inputs.

The session for three days held in same link.

The total numbers of participants are 19 from department of CSE.

Valedictory:

The certificates to the participants were released and have been sent through mail.



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Participants:-

TWO Day Online FDP on Data Science with Python (20-1-2021 & 21-1-2021)

	S.No	Name of the Staff	20-1-2021	21-1-2021
	1	Dr. Anepu Bala Krishna, Professor	Balan	- Ralu.
	2	Nimmala Sakitha Sri, Assistant Professor	Mark	anson.
	3	P Satyanarayana, Assistant Professor	5/ 7/8	3
	4	Karra Meher Prasad, Assistant Professor	1 chi.P	TILK. P.
1	5	Seerapu Kesava Rao, Assistant Professor	Sar	Sus
\perp	6	Podugu Ravikumar, Assistant Professor	Ross	Person
	7	Vasantha Murali Krishna, Assistant Professor	Markethan	MARKINA
	8	G Kanaka Maha Lakshmi, Assistant Professor	(W)	. (φ)
	9	Hanumanthu Devaraju, Assistant Professor	in Reverg	to levery
	10	Pathivada Monika, Assistant Professor	1000	1 8 11
	11	Karumajji Hymavathi, Assistant Professor	Elten	Kiltyn
	12	Mishra Sangita, Assistant Professor	Shishea	Allestra
	13	Akula Swathi, Assistant Professor	8	
	14	Surendra Kumar Choudary, Assistant Professor	lechy	foling
	15	V.Sarada, Assistant Professor	1	
	16	Addala Vasudeva Rao, Assistant Professor	rendelinai	verhalysen
	17	Galla Venkataswamy, Assistant Professor	Ca Verbe	avone
\bigcirc	18	Thota Paramesh, Assistant Professor	TP	
Θ	19	Etyala Ramya Sree, Assistant Professor	Remo	Barya

HOD, CSE

Head of the Department

Computer Science and Engineering

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Bhogapuram (M),
Bhogapuram (Dist.)-53116



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Certificate

A TWO DAY FACLUTY DEVELOPMENT PROGRAM ON

DATA SCIENCE WITH PYTHON

(20-21-JAN, 2021)

N. Sakthia Si, Asst. Asoferer

For Successfully completing the Faculty Development Program on Data Science with Python organized by the department of CSE

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Vizianagaram (Dist.)-531162



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Certificate

A TWO DAY FACLUTY DEVELOPMENT PROGRAM ON

DATA SCIENCE WITH PYTHON

(20-21-JAN,2021)

Dr. A. Balaknishna, Professor

For Successfully completing the Faculty Development Program on Data Science with Python organized by the department of CSE



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Vizianagaram (Dist.)-531162



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Tagarapuvalasa, Dt:15/3/2021.

From
Dr A. Chandra Sekhar,
HOD-CSE,
Avanthi Institute of Engineering & Technology.

(Through Proper Channel)

To
The Principal,
Avanthi Institute of Engineering & Technology.

Sub: Permission to conduct of Two day workshop on MS EXCEL for the technical staff in theinstitute from 22nd March 2021 to 23th March 2021 – Reg

Sir,

With due , here by stating that, I on behalf of CSE department request you for conducting "Six day Workshop for our technical staff from 22^{nd} March 2021 to 23^{rd} March 2021 at our Computer Lab-I . Mr Surendra Kumar Chowdary , Assistant Professor and Mr A.Vasudeva Rao Assistant Professor choosen resource persons to deliver the lecture. Arrangements are done without disturbing the regular class work schedule.

We, therefore, hope that you would be kind enough to permit us to conduct the workshop. Kindly grant us the permission.

Thanking you Sir,

Yours Sincerely,

Dr A.Chandra Sekhar

Head of the Department

Omputer Science and Engineering
ANTHI INSTITUTE OF ENGG & TECH
Prukupally (V), Chittivalasa (SAO).

uram (M), Vizianagaram(D)-53116.



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CIRCULAR

Dt:20/3/2021.

This is to inform all the technical staff of Avanthi Institute of Engineering and Technology that the Department of CSE is conducting a Two Day work shop on MS-EXCEL in the Institute from 22nd March 2021 to 23rd March 2021. Technical Staff who are interested to attend the program can register for the program.

Date & Time: 22-3-2021 to 23-3-2021, 10AM to 12 PM & 2 PM to 4PM.

Venue: Main Block/ Computer Lab-I.

HOD, CSE
Head of the Department
Computer Science and Engineering
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Perukupally (V), Vizianagaram (E ...531162

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A TWO DAY WORK SHOP ON

COURSE ON MS-EXCEL (22nd March, 2021 to 23th March, 2021)

Organized By

Department of CSE

Resource Persons: 1. Surendra Kumar Chowdary, Assistant Professor, CSE 2. A. Vasudeva Rao, Assistant Professor, CSE

Venue

: COMPUTER LAB-I

The Department of Computer Science & Engineering (CSE) of AIET has organized a Two day workshop on "COURSE ON MS EXCEL" for Technical staff of CSE Department during 22-03-2021 to 23-03-2021. The main Objective of this programme is to introduce basic Functions MS EXCEL

This programme discussed following points

- Introduction to MS OFFICE
- Functions of MS EXCEL
- Sheet Creation and Editing
- Maintaining large sets of Excel data in list or table.

Outcomes by the end of the Program:

The participants should: Master Microsoft Excel, including the toolbars related to MS Excel and otherfunctions. Learn the most common Excel functions used in Office.

In this Program, resource persons Mr Surendra Kumar Chowdary, Assistant Professor CSE trained the Technical staff.

Day1:

This Session handled by Mr Surendra Kumar Chowdary, who covered the Basic of MicrosoftExcel work sheets

- Creating effective spread sheets
- Managing large data sets of Data
- Tables
- Excel Formulas
- Excel work sheet margins
- Working with page layout view
- Printing a specific range of cells
- Creating effective spread sheets

Day 2: This Session handled by Mr A Vasudeva Rao, who covered the Basic functions of MicrosoftExcel

- 9
- Working with the SUM() Function
- Working with the COUNT() Function
- Working with the AVERAGE() Function
- Working with the MIN() and MAX()
- Working with Changing the margins
- Working with Scaling and orientation



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Participants:-

TWO Day Work Shop on MS- EXCEL (22-3-2021 &23-3-2021)

S.NO	NAME OF THE PARTICIPANT	22-3-2021	23-3-2021
		Signature	Signature
1	Mr G Murali, Exam Cell	(M)	(1)
2	Mr Ch Siva Kumar, CSE Lab Asst	MozuAkumak	(8)
3	Mr S Ramesh, Exam Cell	(P)	P
4	Mr M GuruKrishna, Ofiice clerk	M. growson	m.gv
5	Mr N Suresh, MECH Lab Asst	45	215
6	Mr MP Divakar Das, MECH Lab Asst	(D)	(Co
7	Mr K Appala Narayana, MECH Lab Asst	Ty.	\$
8	Mr B Srinivas, MECH Lab Asst	B	Bar
9	Mr I Ramu, EEE Lab Asst	D. PONEN	Duron
10	Mr P Santhosh, CSE Lab Asst	P. SONOW	O B. Suth
11	Mr I. Sekhar, Accounts	8 pm	X
12	Mr P. Naresh, Accounts	DANZ	DMIZ
13	Mr MSV Rajendra Prasad, Scholarship	91.5. v. P. J. L	91.5.v. R. PM
14	Mrs A NagaMani, Reception		

HOD, CSE

Head of the Department

Computer Science and Engineering

EVANTHI INSTITUTE OF ENGG & TECH

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Certificate

A TWO DAY WORK SHOP ON

MS-EXCEL

(22-23-MARCH, 2021)

S. Lamesh

For Successfully completing the workshop on MS-EXCEL organized by Department of CSE







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Certificate

A TWO DAY WORK SHOP ON

MS-EXCEL

(22-23-MARCH, 2021)

Ch. Sira Kumar

For Successfully completing the workshop on MS-EXCEL organized by Department of CSE



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Vizianagaram (Dist.)-534143



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Certificate

A TWO DAY WORK SHOP ON

MS-EXCEL

(22-23-MARCH, 2021)

G. Mwali

For Successfully completing the workshop on MS-EXCEL organized by Department of CSE

Computer Science of Engineering

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PRINCRIPAL GG. & TECH AVANTHINS HTTP (AF) GG. & TECH Cherukupally (V), Chittivalasa (SAO) Bhogapuram (M).