



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
Phone: 08258-262725, Fax: 08258-262726
DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

From,

Date: 02-01-2019

Dr. D V Manjunatha
Head of the Department
E & C Engineering
Alva's Institute of Engineering and Technology
Moodbidri.

To,

The Principal
Alva's Institute of Engineering and Technology
Moodbidri.

Respected Sir,

Sub: Requisition for Conducting FDP Applications of Python Programming in Data analytics - Research Perspective From Jan 21st to 25th 2019 reg:-

With reference to the above subject, we are planning to conduct **FDP on Applications of Python Programming in Data analytics - Research Perspective Jan 21st to 25th 2019.**

So I kindly request you to grant the permission for conducting the FDP.

Thanking you

Your's faithfully

Dr. D V Manjunatha
Head of the Department

H. O. D.

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

Dr. Peter Fernandes
The Principal
AIET Moodbidri.

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

Five Day National Level Workshop

on

"Applications of Python

programming in Data analytics -

Research Perspective"

Organized by

Department of E&CE

Alva's Institute of Engineering
& Technology, Mijar

on

21st – 25th January, 2019

REGISTRATION FORM

Name of the participant: Dr. / Mr. / Mrs. / Ms. /

Prof. _____

Designation: _____

Qualification: _____

Department: _____

Name of the College/Industry: _____

Address for Communication: _____

Phone: _____

Email: _____

Registration Fee Details: _____

DD number: _____

Date: _____

Applicant signature

Signature
Principal/HOD

Chief Patron:

Dr. M Mohan Alva

Chairman, Alva's Education Foundation, Moodbidri.

Patron:

Sri. Vivek Alva

Managing Trustee,
Alva's Education Foundation, Moodbidri.

Dr. Peter Fernandes

Principal, AIET, Moodbidri.

Organizing Chair:

Dr. D.V. Manjunatha

Sr. Professor & HOD, Dept. of ECE AIET.

Dr. Dattathreya G

Sr. Professor, Dean (Planning), Dept. of ECE, AIET.

Dr. Praveen J

Professor & Dean (Academics), Dept. of ECE, AIET.

Resource Persons:

Dr. S. Mohideen Badhusha

Professor, Dept. of CSE, AIET.

Convener:

Prof. Santhosh S (9535623318)

Asst. Professor, Dept. of ECE, AIET.

Prof. Jyothi Pramal (9880910737)

Asst. Professor, Dept. of ECE, AIET.

Advisory Committee:

Prof. Manjunath Kotari, HOD, CSE, AIET.

Prof. Jayanth Kumar Rathod, HOD, ISE, AIET.

Prof. B. Durgaprasad B, HOD, Civil Engg., AIET.

Prof. K.V. Suresh, HOD, Mech. Engg., AIET.

Dr. B. Basavaraju, Dean Basic Science, AIET.

Dr. Ramaprasad A T, HOD, Phy Dept. AIET.

Prof. Prameela S, HOD, Dept. of Mathematics, AIET

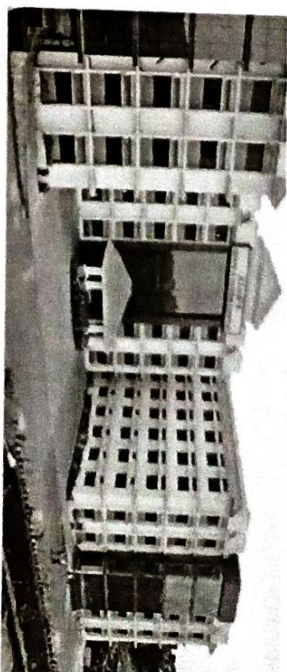


Alva's Education Foundation*

Alva's Institute of Engineering &

Technology

(A Unit of Alva's Education Foundation, Moodbidri)



Five Day Faculty Development Program
on

"Applications of Python
programming in Data
analytics - Research
Perspective"

21st – 25th January, 2019

Organized by:

Department of Electronics & Communication
Engg.

Alva's Institute of Engineering and
Technology

Shobhavana Campus, Mijar,
Moodabidri -574225, D.K

About AEF

Alva's Education Foundation (AEF) established in 1995 with the vision of our chairman Dr. M Mohan Alva has succeeded in making Moodbidri an Educational hub in the South Canara Region, with more than 25,000 students pursuing various courses ranging from primary school to post-graduate courses. There are 21 institutions functioning under the Alva's Education Foundation banner.

Alva's Education Foundation is highly committed towards the cause of providing education to all the sections of society. This is evident from the quality of events, programmes, staff and necessary support available for traditional and contemporary education.

About the Institution

Alva's Institute of Engineering & Technology (AIET) is a premier Engineering Institute of Alva's Education Foundation established in the year 2008. AIET is strategically located adjacent to Moodbidri-Mangalore National Highway, which is 24 Kms from Mangalore International Airport.

AIET is recognized by All India Council for Technical Education (AICTE), New Delhi and affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by Govt. of Karnataka. Ranked as one of the best Technical Institute in Dakshina Kannada region.

AIET offers wide range of academic programs comprising of 5 under graduate, 4 post-graduate programs and MBA. Institution also offers several research programs leading to doctoral (Ph.D) studies.

AIET has established Multi-Disciplinary Research Centers viz Center for Robotics, Research center for Basic Science, Center for Small Satellite Research, Center for Nanomaterial's & MEMS, CAD Center, Apple Lab, Linux Lab. AIET has Several Sponsored research Projects funded by different reputed National Funding Agencies like DST, KSCST,DIT, AICTE, ISRO, VGST, IEEF, RESPOND,VTU etc.

About the Department

Department of Electronics & Communication was started in the year 2008-09. ECE branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. It plays great emphasis on deep understanding of fundamental principles and state of the art knowledge about Electronic Devices and Circuits, Computer Architecture and Microprocessors, VLSI and Embedded systems, Electromagnetic Field Theory, Analog and Digital Communication, Digital Signal Processing, Microwave and Broadband Communications, MEMS Research and Development Lab. The department has well-qualified and experienced faculty which includes Three Doctorates, Seven faculty are pursuing Ph.D. and Remaining faculty are Post-Graduates.

Vision of the Department

Centre of Excellence to Empower the Young Minds in the field of Electronics and Communication Engineering with Research Focus and Skill Development through Transformative Education catering to the needs of the Society.

Mission of the Department

M1: To create a unique Learning Environment to enable the Students for Excellence in the field of Electronics and Communication Engineering.

M2: To Empower the Students with necessary Skills for Solving the Complex Technological Problems of Social needs.

M3: To Inculcate Research Culture among Teaching-Learning Group by Guiding them towards R & D Activities to bridge the gap between Industry and Academia.

M4: By Imbuing the Students with Human Values and Ethics through Transformative Education and make them Socially Responsible Professionals.

Scope of the Workshop

The aim of the workshop is to provide the required information for the beginners in research in the data analytics and to improve the quality of research for the existing researchers.

Python is free, open-source software, it's the available libraries that lead to Python's success and consequently anyone can write a library package to extend its functionality. Data science has been an early beneficiary of these extensions, particularly Pandas. The workshop would be useful for research scholars who need statistical and analytical assistance in their Ph.D. course work, participants of any discipline who needs to enhance their conceptual and data analytical skills and also to the future researchers.

Potential Participants

Faculty members of all branches, Research scholars and PG students.

Date and Venue

21st – 25th January, 2019

ISE Laboratory 3rd Floor Main building

Alva's Institute of Engineering and technology
Shobhavana Campus, Mijar Moodbidri-574225

Last Date for Registration is 15.01.2019

Registration

Duly filled registration forms are to be submitted along with the DD for registration fee drawn in favor of "Principal, AIET" payable at Moodbidri. DDs of Nationalized banks are accepted.

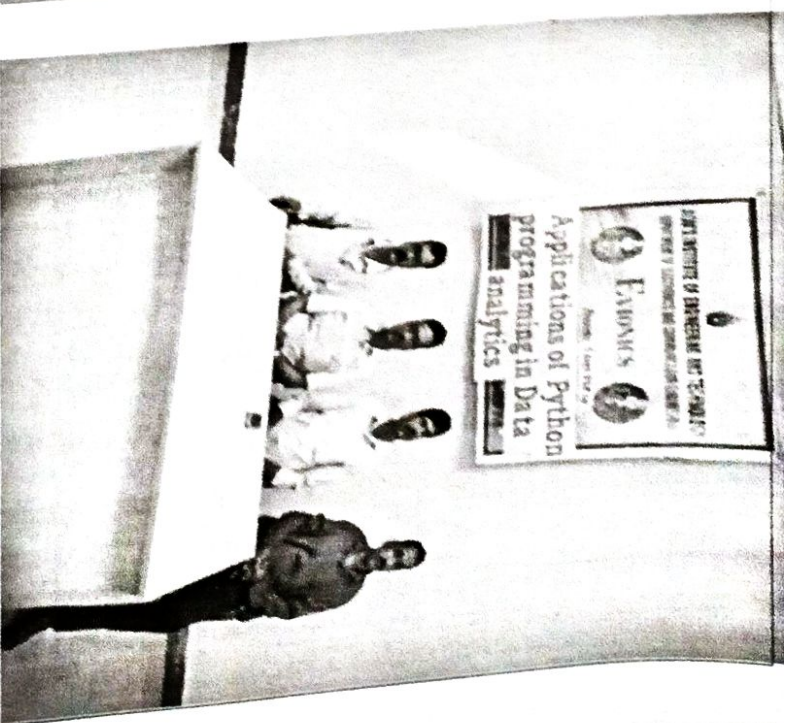
Registration Fee

Rs. 1000 for Outside participant. Registration fee includes the course material and lunch. The registration will be on first-come-first-serve basis. No TA/DA will be provided. Accommodation will be provided on demand with charges.

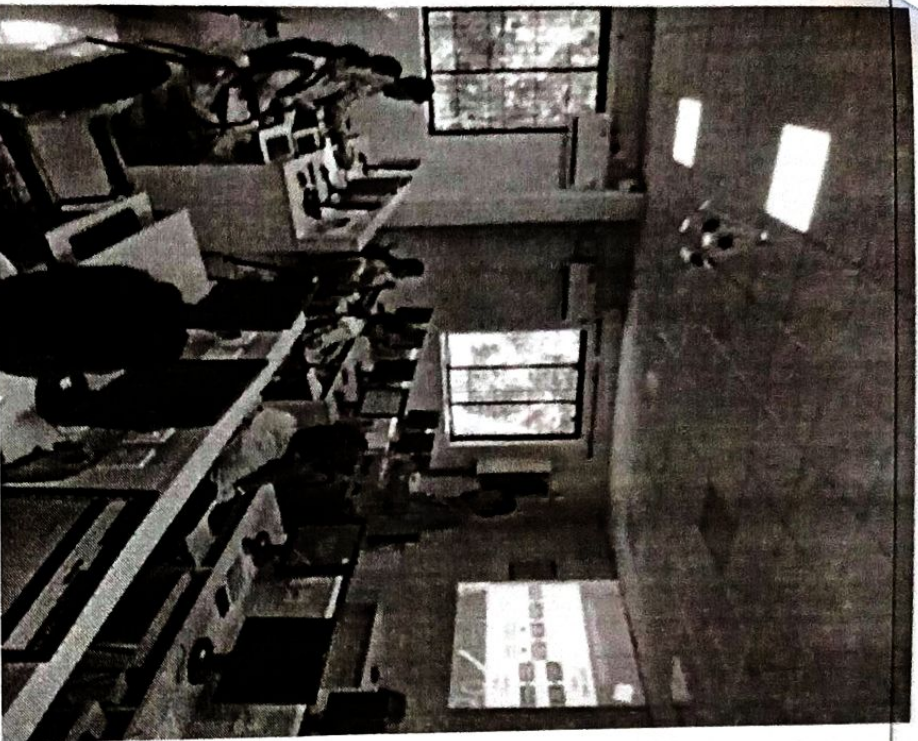
santhosh.nayak@gmail.com

misuvarna@gmail.com

Department of Electronics and Communication Engineering organized Five days "Faculty Develop Program on Applications of Python programming in Data analytics – Research Perspective " from 22nd January 2019 to 26th January 2019 from an faculty Dr. S. Mohideen Badhusha Dept of CSE AIET, Moodbidri.



Faculty were given with different Exercises to write some code for desired output on Python Anaconda platform.



The course carried for 5 days which included Basic programming constructs in Python- Exercises, Advanced programming constructs in Python- Exercises, Why learn Python for data analysis? and implementations of its data structures in Data Analytics -Research perspective, Exploratory analysis in Python using Pandas-Exercises, Data Munging and manipulation using Pandas- Exercises, Development of a predictive Model for a Case Study using Python Libraries such as Numpy, SciPy, Matplotlib, Pandas, SkLearn, Most of the program was a hands on session and



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI

Department of Electronics & Communication Engineering

Applications of Python Programming in Data analytics – Research Perspective

Jan 21st to 25th 2019

Registration

#	Name	SIGNATURE
1	DR. D V MANJUNATHA	
2	DR. DATTATHREYA	
3	DR. PRAVEEN. J	
4	DR. SHANKAR B.B	
5	MR. SUDHAKARA H.M	
6	MR. PARVEEZ SHARIFF B.G	
7	MRS. JYOTHI PRAMAL	
8	MRS. SAHANA K ADYANTHAYA	
9	MRS. VIJETHA .T.S	
10	MR. SANTHOSHA .S	
11	MR. YUVARAJU .T	
12	MR. ANEESH JAIN M V	
13	MRS. KUMARI SHRUTHI	
14	MR. DEEPAK RAJ	
15	MR. SUSHANTH ANIL LOBO	
16	MRS. NISHMA	
17	MR. PRADEEP KUMAR K	
18	MRS. TANYA MENDEZ	
19	MR. SACHIN .K	
20	MR. GOVINDARAJ P	
21	MR. PRASANNA KUMAR B K	
22	MRS. BHARGAVI K V	

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
Department of Electronics & Communication Engineering

Applications of Python Programming in Data analytics – Research
Perspective

Jan 21st to 25th 2019

FEEDBACK FORM

	Strongly agree	Agree	Neutral	Disagree
1. The objective of the training were clearly defined	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Participation and interaction are encouraged	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. The topics covered were relevant to me	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. The content was organised and easy to follow	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. This training experience will be useful to my work	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. The trainer was knowledgeable about the training topics	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. The trainer was well prepared	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. The training objectives were met	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. The time allotted for the training was sufficient	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. The meeting room and faculties were adequate and comfortable	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Suggestions (if any) : Training was very useful
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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
Department of Electronics & Communication Engineering


Applications of Python Programming in Data analytics – Research
Perspective

Jan 21st to 25th 2019

FEEDBACK ANALYSIS

	Strongly agree	Agree	Neutral	Disagree
1.The objective of the training were clearly defined	48%	39%	09%	04%
2. Participation and interaction are encouraged	63%	21%	11%	06%
3.The topics covered were relevant to me	57%	13%	23%	07%
4.The content was organized and easy to follow	73%	15%	07%	05%
5.This training experience will be useful to my work	39%	49%	08%	04%
6.The trainer was knowledgeable about the training topics	47%	40%	09%	04%
7.The trainer was well prepared	63%	20%	10%	07%
8.The training objectives were met	40%	20%	23%	17%
9.The time allotted for the training was sufficient	49%	31%	10%	10%
10.The meeting room and faculties were adequate and comfortable	63%	21%	11%	06%

Action Taken:

Coordinator 



HOD

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 222