

DATE: 19<sup>th</sup> Jan 2017

From,

Hemanth Kumar N P  
Assistant Professor  
Dept. of CSE  
A.I.E.T, Mijar

Through,

The H.O.D.  
Dept. of CSE  
A.I.E.T, Mijar

To,

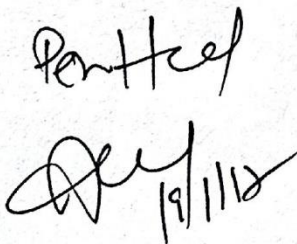
The Principal  
A.I.E.T, Mijar

Respected Sir,

**SUBJECT: - Requisition to attend a workshop**

As per the above subject, I seek your permission to attend a workshop on "ETL & Data Analytics using Python" in BMSITM, Bengaluru 23<sup>rd</sup> to 30<sup>th</sup> Jan 2017. Kindly do the needful.

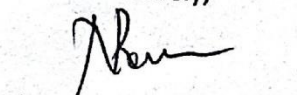
Thanking you,

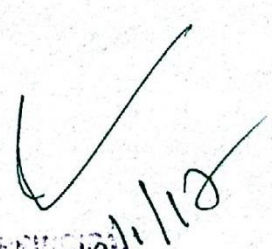
  
19/1/17

H. O. D.

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

Yours Sincerely,

  
(Hemanth Kumar N P)

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

**Application for Permission to attend  
conference/Seminars/Workshops and Paper Presentation**

1. Name of the Staff	:	HEMANTH KUMAR N P
2. Designation & Department	:	Assistant Professor, CSI
3. Date of joining	:	20/1/2014
4. Name of the Conference/Seminar Symposium/ Workshop	:	FDP on C++ & Data Analytics Using Python
5. Whether the conference is International/ National/State Level	:	-
6. Place of Conference /workshop	:	BANGALORE
7. Date of Conference/workshop	:	23/1/2017 - 30/1/2017
8. Title of the paper submitted/accepted	:	-
9. Mention the items enclosed	:	
a) Copy of the brochure	:	(Yes/No)
b) Copy of invitation letter	:	(Yes/No)
c) Copy of the abstract of the paper	:	(Yes/No)
d) Acceptance received by Committee with Recommendation	:	
10. Rough estimate of expenditure	:	2500/-
a) Registration fee	:	1500/-
b) Train/Air fare	:	1000
c) Hotel stay	:	
d) Dearness Allowance	:	
e) Others	:	

NR

**(Signature)**

Name: HEMANTH KUMAR N P

Designation & Dept: Asst. Prof, C

Date: 19/1/2017

liavly first time

Ask FDP at BMS IT, B'lore

May be permitted

Recommendation of the HOD

H.O.D.

Recommendation of the Selection Committee

Alva's Institute of Engineering & Technology  
Alva's Institute of Engineering & Technology  
Alva's Institute of Engineering & Technology

**Signature of the Principal.**  
PRINCIPAL

Alva's Institute of Engg. & Technology,  
Mijur, MOUDUBIDI - 574 225, D.K



BMS Institute of Technology & Mgmt.  
Dept. of ISE & CSE  
Doddaballapura Main Road, Bengaluru-64

Six Day Faculty Development Program  
on "ETL and Data Analytics using  
Informatica and Python"

23<sup>rd</sup> to 30<sup>th</sup> January 2017

Name HEMANTH KUMAR N P

Designation: ASSISTANT PROFESSOR

Department: CSE

Address for Communication: Asst. Prof,

Dept of CSE, AICTE, Mysore, Moodbidri

Email: hemanthnp@gmail.com

Contact No: 9620000690

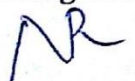
DD.No: \_\_\_\_\_ Date: 19/1/2017


Bank Name: \_\_\_\_\_

Registration Fee: 1500/- Per participant  
(One thousand and five hundred only)

For any details: [isebmsitfdp@bmsit.in](mailto:isebmsitfdp@bmsit.in)

The Demand Draft (DD) has to be drawn  
in favour of "Principal, BMS Institute of  
Technology & Mgmt, Bengaluru", Payable  
at Bengaluru.

  
Signature of the  
Applicant

  
Signature of the  
Guide / Principal

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Dean (Research), BMSIT&M  
Dr. Narayan Iyer, Guest Prof, CSE

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Mrs. S. K. Pushpa, Assoc. Prof.  
Mob: +91-9449226987

Email: [pushpask@bmsit.in](mailto:pushpask@bmsit.in)

Dr. Bharathi M. A,  
Prof & PG Co-ordinator

Mob: +91-9448347885

Email: [bharathi\\_m@bmsit.in](mailto:bharathi_m@bmsit.in)

### Co-Conveners

Dr. Anil G.N, Assoc.Prof  
Mob: +91-9449976253

Email: [anilgn@bmsit.in](mailto:anilgn@bmsit.in)

Prof. Ashwini.N, Asst.Prof

Mob: +91-9900525858

Email: [ashwinilaxman@bmsit.in](mailto:ashwinilaxman@bmsit.in)



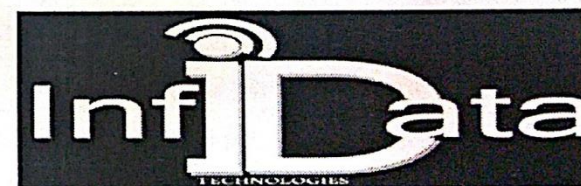
BMS INSTITUTE OF TECHNOLOGY &  
MGMT, BENGALURU

## Department of ISE & CSE

Six Day Faculty Development  
Program on "ETL and Data  
Analytics using Informatica and  
Python"

23<sup>rd</sup> to 30<sup>th</sup> January 2017

In Association with



InfIData Technologies

Organizing Chairs

Dr. Manjunath T. N, Prof & Head, ISE

Dr. Thippeswamy G, Prof & Head, CSE

**BMS INSTITUTE OF TECHNOLOGY & MGMT**  
YELAHANKA, BANGALORE - 560064



**Department of ISE, CSE**  
**ATTENDANCE CERTIFICATE**

This is to certify that Hemanth Kumar N P of AIET, Moodbidri has attended the six days Faculty Development Program on "ETL and Data Analytics using Informatica and Python" during 23<sup>rd</sup> - 29<sup>th</sup> January 2017 organized by Department of ISE, CSE BMS Institute of Technology & Management, Bengaluru.

  
Department of Information Science & Engineering  
BMS Institute of Technology & Management  
Avalahalli, Yelahanka, Bengaluru - 560064





Department of Information Science and Computer Science Engineering

# *Certificate of Participation*

Faculty Development Programme

on

“ETL AND DATA ANALYTICS USING INFORMATICA AND PYTHON”

This is to certify that Dr./Prof./Mr./Ms. HEMANTH KUMAR N.P, AIET

Mood bidri-----has participated in six day Faculty Development Programme on “ETL and Data Analytics using Informatica and Python” held on 23<sup>rd</sup> to 30<sup>th</sup> January 2017 conducted by Department of Information Science and Computer Science & Engineering, BMSIT&M, Bengaluru.

HoD - ISE

Dr. Manjunath T.N

HoD - CSE

Dr. Thippeswamy G

Principal

Dr. Mohan Babu G N

# ALVA's INSTITUTE OF ENGINEERING AND TECHNOLOGY

## Department of Computer Science and Engineering

### Report on 6 days FDP on "ETL and Data Analytics using Informatica and Python"

Day:1

Morning from 9:00 AM- 10:30 AM the registration and inauguration went on. The first keynote address on Informatica was given by resource person Manish Bhatia, GM, Wipro Technologies in which he gave us a brief introduction on Informatica and how it is being deployed in the current world. The next session on Revisiting Databases and Data Warehouses was handled by Dr. Manjunath T.N, HOD, Dept of ISE, BMSIT. After this session the hands-on session on Informatica was handled by Dr. Manjunath T.N where he introduced 16 different filters of Informatica.

Day:2

In the morning session Dr. Manjunath T.N and Mr. Suresh A from IBM taught us 7 different filters such as Source Qualifier, Filter Expression, Aggregator, Router, Rank, Sequence Generator and Joiner, where we had hands-on session too. In the afternoon session Mr Suresh A and Vishwanath from Aarika taught us 5 different filters such as Union, Stored Procedure, Normalizer, Look-up and Update filters where we had hands-on session too.

Day :3

In the morning session Mr. Thippeswamy from Societe General gave us a brief introduction on Re-usable Components, Slowly Growing Targets, Slowly Changing Dimensions where we had hands-on session too. In the afternoon session a Case Study on ETL Retail Domain was given for us to carry out in the hands-on session.

Day :4

In the morning session a brief overview on Introduction to Data Analytics and Python Programming was given by Dr. Manjunath T.N and Mr. Shankar, Asst.Prof Dept of CSE BMSIT. In the afternoon we had hands-on session on Python Programming handled by Mr. Shankar & team.

Day :5

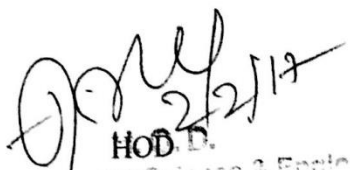
In the morning session a Case Study on Python was given for us by Mr. Shankar and team where we executed certain C Programs in Python.

Day :6

In the morning there was session on Research Issues on ETL Layer and Presentation Layer which was handled by Dr. Ravi of BMSIT followed by Summary and Q&A sessions. In the afternoon session we had Valedictory Program where Certificates was distributed for all the participants

Hemanth Kumar NP - NR  
2/2/17

Vivek Sharma S Vivek Sharma S  
2/2/17  
Name and Signature of Faculties

  
HOD, D.  
Dept. Of Computer Science & Engineering  
Alva's Institute of Eng. & Technology  
Mysor, HOODRUKKI - 574 225



# ALVA'S EDUCATION FOUNDATION (R.)

MOODBIDRI - 574 227, D.K.

No. :

**DEBIT / CREDIT VOUCHER**

Date : 19/1/2017

Sl.No.	Particulars	College Code	Debit (₹)	Credit (₹)
a	Workshop registration fee BMSITM,	AL	1500/-	
b	Bangalore		1000/-	
c	TA			
d				
e				
PAYABLE / RECEIVABLE			2500/-	
TOTAL			2500/-	

Rupees Two thousand five hundred only

Narration Mr. Hemant Kumar N.P

Assistant Professor, Dept. of CSE, ACET

Prepared by

Principal

A.O.

Authorised by

Receiver's / Remitter's Signature

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

Dept. of Computer Engg. & Technology  
Mijar, MOODBIDRI - 574 225