From

Vanyashree

Assistant Professor

Department Of ISE

AIET, Mijar

To

The Principal and IQAC Chairman

AIET,Mijar-574225

Through

The HOD

Department of ISE

AIET, Mijar-574225

Dear Sir,

    SUB: request for permission to attend –reg.

With reference to the subject cited above, I have registered for "Workshop on Data Analytics, Machine Learning and Deep Learning" on 15/01/2019 TO 29/01/2019 at AIET Moodbidri. Hence I request you to permit to attend the same. Kindly do the needful.

    Thanking you

Sincerely Yours

HOD

PRINCIPAL

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

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

Application for Permission to Attend

Conferences/Seminars/Workshops/FDP and Paper Presentation

1. Name of the staff : Ms. VANYASHREE

2. Designation and department : Assistant Professor, Dept. of ISE

3. Name of the conference/seminar/FDP, Workshops : Deep Learning for Big Data & Cyber security Application.

4. Type of conference(national/state level) :

5. Place of conference : NITK, Surathkal

6. Date of conference : July 01st, 2019 to July 05th, 2019

7. Title of the paper submitted : —

8. Mention the items enclosed :

    a. copy of the brochure (Yes / No)

    b. copy of invitation letter (Yes / No)

    c. acceptance letter (Yes / No)

9. Rough estimate of expenditure (total) :

    a. Registration fees : 1770/- (1500 + 18% GST).

    b. Bus/train/air fare :
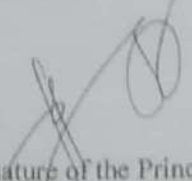
10. Details of previous workshop attended : —

20/06/2019.

Date: 20/06/2019

Signature of the applicant

Recommendation of the HOD

Forwarded to Principal Sir

20/6
HOD, ISE

Signature of the Principal

REGISTRATION FORM

5 Day TEQIP Sponsored Workshop
on
**"Deep Learning for Big Data and Cyber
Security Applications"**
(July 01st, 2019 to July 05th, 2019)

Name of Participant: **Ms. VANYASHREE**
Dept: **Information Science & Engg.**
Gender: **Female**
Designation: **Assistant Professor**
Qualification: **B.E, M.Tech**
Organisation: **Alva's institute of
Engineering & Technology, Mijar**
Mobile No.: **8217786531**
Email: **vanyashreemardi97@gmail.com**
Demand Draft No.: **310806**

I agree to abide by the rules and the regulations governing the Workshop.

Place: **Moodbidri**
Date: **14/06/2019** Signature of the Participant

Mr./Ms./Dr. **VANYASHREE** is
a student/employee of our Institution and is permitted to attend the programme.

Signature of the Head of the Institution
Alva's Institute of ......
Mijar, MOODBIDRI - 574 225, D.K.

Place: **Moodbidri**
Date: **14/06/2019**

Course Contents

- Cyber Security Practice in Banking Sector.
- Role of Block Chain in Cyber Security Applications.
- Big Data and Cyber Security.
- Role of Recommender system in Cyber Security.
- Cyber Security in Industry 4.0.
- Data collection methods for Cyber Security.
- Machine Learning and Deep Learning for Cyber Security Applications.

About NITK Surathkal

NITK Surathkal is a premier institution engaged in imparting quality technological education and a broad range of research, development and consultancy activities. NITK has carved a niche for itself among the best technical institutes in India and is consistently ranked among the top 10 technological institutes.

Department of Information Technology

Department of Information Technology was established in June 2000. The department offers undergraduate course B.Tech. in Information Technology, Post Graduate course M.Tech. in Information Technology, M.Tech. by (Research) and Doctoral Program (Ph.D) Current research activities of the department include Data Mining, Web services, Distributed Computing, Semantic Web Technology, Natural language Processing, Software Aging, Virtualization, Soft Computing, Wireless Sensor Networks, Computer Networks, Network and Cyber Security, Information Security, Internet of Things (IoT), Affective Computing, Big Data Analytics, Cloud/Edge/Fog Computing, Cloud Security, Databases, Healthcare Informatics, High Performance Computing, Information Retrieval, Social Multimedia/Social Network Analysis, Software Engineering, Blockchain Technologies, Future Internet Architecture, Mobile Software Engineering, Deep Learning Applications.

How to Reach NITK Surathkal

NITK is located in Surathkal on the scenic shores of the Arabian Sea, about 20KM north of the city of Mangalore and is well connected by Air, Rail and Road. The nearest domestic/international airport is situated at Bajpe (about 10KM from Mangalore) and the nearest railway station is Surathkal (5 KM). The NITK Campus is situated right on National Highway NH66 with very good bus connectivity from Mangalore, Udupi etc.

About the Program

Big Data has become important as many organizations have been collecting massive amounts of domain-specific data, which can contain useful information about problems such as national intelligence, Cyber Security, and fraud detection. Cyber attacks are continuing to increase at an alarming rate, especially with the ever-increasing nature of cyber connectivity. Hackers target a wide variety of protocols and communication systems along with data ranging from servers and end-user machines in wireless and mobile networks. Security measurements are to be considered based on history. The logs can be used to analyze the threats. Modern Cyber Security solutions are mostly driven by Big Data and tools using deep learning frameworks to process big data quickly and accordingly spot suspicious activity very effectively and efficiently.

The absence of active cyber defense and technically sound forensic methods may prevent administrators from making suitable decisions on time against threats like proving the identity of the guilty party, identifying the root vulnerability to prevent the future occurrence of a similar incident, and understanding the hackers' intention to attack.

Cyber Security along with Big Data Analytics is emerging as an important discipline of Computer Science and Information Technology towards developing a novel scientific approaches for collecting, processing, and analyzing the information retrieved from the systems affected by security incidents to generate conclusive descriptions.

Objective of the Program

This 5-Day workshop will cover the usage of Deep learning methods to analyze

1. The Cyber Security applications in Big Data.
2. Security aspects in Banking Sector
3. Block Chain in Cyber Security.
4. Recommender System in SAAS based Authenticator

Hands-on experience on configuring and troubleshooting various attacks and resolve common issues which helps in preparing software engineers of today for securing the Cyberspace. This program will also deliver the knowledge and skills required for configuring and analyzing the attacks by hacker.

Course Deliverables: Upon completion, the successful participants will be able to detect and analyze security vulnerabilities in applications/software.

Resource Persons

Experts from Industry, Academia, R&D Organizations will deliver expert talks to make participants aware of various topics related to Cyber Security and Machine Learning, Banking Security Issues, Recommender System, Cyber Security in Industry 4.0, Block Chain Security and Research Challenges.

Eligibility

The programme is open to Faculty and Students (B.Tech, M.Tech and Ph.D) of AICTE/UGC approved Engineering and Technology Colleges. Number of participants will be limited to 40. Completed applications should reach the Coordinators on or before 18th June 2019.

Registration Fee (Inclusive GST)

Amount	GST	Participants
1000	+18%	Students/ Research Scholars
1500	+18%	Faculty Members
3000	+18%	Industry Persons

Demand Draft should be drawn in favor of "Director NITK Surathkal"

E-mail the scanned copies of the filled and duly signed application form along with DD to dbcsa.it.nitk@gmail.com"

Important Dates

Last Date for Receipt of Applications:

18th June 2019

Intimation of Selection by email:

23rd June 2019

Department of Information Technology
National Institute of Technology Karnataka, Surathkal
Srinivasa Nagar (PO), Mangalore-575025

TEQIP-III Sponsored 5 Day Workshop Programme

GSTIN: 29AAATN4896K1ZT

Invoice No: DBCSA/IT/2019/042

Date 02nd July 2019

5 Day Workshop Programme Registration Fee Receipt

Name : Vanyashree

Affiliation : Assistant Professor
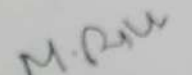Alvas Institute of Engineering and Technology

Amount Received : Rs.1770/- (One Thousand Seven Hundred Seventy Rupees) in DD form.
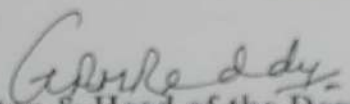
DD No and Date : 310806 Dated 18th June 2019

Programme Title : 5 Day Workshop on "Deep Learning for Big Data and Cyber Security Applications"

Programme Duration : 01st – 05th July 2019

Coordinator
(Dr. Bhawana Rudra)
Assistant Professor, Dept. of IT
NITK Surathkal

Coordinator
(Dr. Ananad Kumar M)
Assistant Professor, Dept. of IT
NITK Surathkal

Coordinator & Head of the Department
(Prof. G. Ram Mohana Reddy)
Prof & Head, Department of Information Technology
National Institute of Technology Karnataka, Surathkal

Dr. G. Ram Mohana Reddy
Professor & Head
Department of Information Technology
National Institute of Technology Karnataka, Surathkal
Srinivasnagar P.O., Mangalore - 575 025, INDIA

ALVA'S EDUCATION FOUNDATION (R.)

MOODBIDRI - 574 227, D.K.

DEBIT / CREDIT VOUCHER

Date 20/8/2019

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I.No.	Particulars	College Code	Debit (₹)	Credit (₹)
a	Towards Ms vanyashree			1770
b	for attending workshop			
c	at NITK Surathkal			
d	Deep learning for Big data & Cyber			
e	Security application			
	PAYABLE / RECEIVABLE			
	TOTAL			1770

pees .... one thousand seven hundred & seventy only

rration .... Registration fee

Prepared by   Principal   A.O.   Authorised by   Receiver's / Remitter's Signature

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