



SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)
SAPTHAGIRI COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE-New Delhi)
(Accredited by NAAC with "A" Grade and NBA Accredited)
(ISO 9001:2015 & ISO 14001:2015 Certified)
14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru-560057
Phone: 080-28372800/1/2 www.sapthagiri.edu.in Fax: 080-28372797

6.3.2 Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year 2021-2022

SL No.	Name Of Teacher	Name Of Conference/ Workshop Attended For Which Financial Support Provided	Name Of The Professional Body For Which Membership Fee Is Provided	Page No.
1	Latha A	FEATURE ENGINEERING IN DATA SCIENCES DEEP LEARNING MODELS	-	1-5
2	Madhushree	FEATURE ENGINEERING IN DATA SCIENCES DEEP LEARNING MODELS	-	6-9


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057

on
"Feature Engineering in Data Science and
Deep Learning Models"

Global Academy of Technology
Rajarajeshwari Nagar, (off Mysore Road), Ideal Homes Township,
Bengaluru - 560098, Karnataka, India.

25th - 29th August, 2021



Chief Patron
Sri. D K Shivakumar, Chairman, NEF

Patrons
Sri. C Gangadhar Murthy, Managing Trustee, NEF
Sri. S Lepaksha, Secretary Trustee, NEF
Sri. Venkatappa, Additional Secretary Trustee, NEF
Sri. K Srinivas, Trustee, NEF
Sri. D K Suresh, Trustee, NEF
Ms. Aishwarya D K S, Trustee Secretary for Schools, NEF
Sri. K Viswanatha Reddy, Administrator, NEF

Convenor
Dr. N Ranapratap Reddy, Principal, G.A.T

Co - Convenors
Dr. Ashwini K, Professor & Head, AI & DS, 9663332643
Dr. Bhagyashri R Hanji, Professor & Head, CSE,
9986254968

Co - Ordinators
Prof. Priyanka G, CSE, G.A.T
Prof. Veena V Pattankar, CSE, G.A.T
Prof. Sushmitha S, CSE, G.A.T

Organized by
Department of Computer Science & Engineering
Department of Artificial Intelligence & Data Science

About Global Academy of Technology

Global Academy of Technology (G.A.T), established in the year 2001 under the patronage of National Education Foundation (NEF) has been in the forefront imparting quality technical and management education in the city of Bengaluru. The state-of-the-art infrastructure in all branches of engineering, dedicated and qualified teaching fraternity, highly conducive environment for teaching-learning process, research and a lush green campus are the hallmarks of this professionally managed institute.

Some of the key highlights of G.A.T include Permanent affiliation of all branches of Engineering; All departments are recognized as research centers by the affiliating University-VTU; Accorded A grade by NAAC in 2017; Accredited by NBA for UG Programs in 2019; Autonomous status in 2020 and Accorded 2(f) and 12(B) status from the UGC.

Department of CSE

The Department of Computer Science and Engineering at Global Academy of Technology is focused on disseminating the most updated and sophisticated technical knowledge to the students who enroll in the course. The department has well experienced and quality faculty to guide the students through their academic endeavors.

The department also has excellent classrooms and well-equipped laboratories along with a rich collection of books in the department library.

Department of AI & Data Science

The Department of AI & Data Science @ G.A.T's mission is to produce students by strengthening the theoretical and practical aspects of the learning process by strong research culture in collaboration with communities to build healthy and sustainable world and to establish entrepreneurship among the young minds. The mission is also to enable students to become leaders in industry and academia by developing technology to enhance social service and health care interventions by focusing on AI with strong bases in ethical principles.

The Department has excellent collaborations with the industry and with Research Institutions to guide faculty and students and give periodic training to the faculty members.

About the Program

World is undergoing a proliferative technological advancement in all disciplines of higher education. The areas such as Engineering, Medicine, Management etc. are considerably developing with the quantitative data analysis obtained by various measurements. The data to be analyzed has to be reliable and adequate enough to process, interpret and infer. This involves challenges such as efficient processing, possibility of having missing and incomplete data, presence of noise, data being skewed and imbalanced etc. which have to be accurately addressed before fitting a model. The performance of the model depends on a larger extent on the efficacy of the features which have to be logically extracted for a good overall performance. From this a subset of carefully selected features with an objective criterion can provide improved performance. With the advent of high-speed computational hardware and the state-of-the-art models such as deep learning algorithms being applied in all the aspects and strata of human life, it has become imperative to deep dive into nuances of data science and its diversification application spectrum.

The main objective of this program is to enhance the importance of pre-processing and feature engineering in real world scenario where data is raw, imbalanced, skewed yet possess relevant information. Also, it is mandated in the national higher education policy to introduce the undergraduate programs in Data Science, Machine Learning, Artificial Intelligence etc. There is dire need to introduce, promote and provide basic conceptual framework from scratch to the stakeholders of these programs. In light of the technological advancements and reforms in the academic curriculum this programme can augment and supplement in order to enrich the skills of the participants.

Objectives and Scope

- To provide an in-depth knowledge with hands-on experience in all pre-processing techniques.
- To explore feature engineering concepts such as feature extraction, selection, reduction etc., through practical approach.
- To enhance participants with the state-of-the-art deep learning models with real world case studies through hands-on.
- To provide additional information to the participants on recent developments in deep learning and possible research areas for young minds.

To

The Principal
SCE, Bangalore

Through

The HOD
Computer Science & Engineering
SCE, Bangalore

Subject: Requisition for attending 5-days FDP titled "Feature Engineering in Data Science and Deep Learning Models

Respected Sir,

Referring to above subject as I am interested in attending 5 days workshop on " Feature Engineering in Data Science and Deep Learning Models " organized by GAT from 25th August 2021 to 29th August 2021. I request you for financial support (registration fee Rs. 1500) to attend workshop, Please consider and do the needful

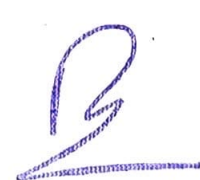
Thanking You


Forwarded for the needful



Yours faithfully
Latha A
Asst. Professor,
Dept of CSE, SCE.


Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering
Bangalore - 57


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057


Principal
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Ideal Homes Township, Rajarajeshwari Nagar, Bengaluru- 560098.

www.gat.ac.in info@gat.ac.in



Certificate of Participation

This certificate is presented to Dr./Ms./Mr. _____

LATHA A

Assistant Professor

of **SAPTHAGIRI COLLEGE OF ENGINEERING**

_____ for learning and actively participating in the
Faculty Development Programme on "Feature Engineering in Data Science and Deep Learning Models" conducted during August 25 - 29,
2021 at Global Academy of Technology, Bengaluru in association with Indian Institute of Information Technology, Allahabad.

Dr. Bhagyashri R Hanji
Professor & Head, CSE

Dr. Ashwini K.
Professor & Head, AI & DS

Dr. N. Ranapratap Reddy
Principal, GIAT

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hosaraghatta Main Road,
Bengaluru - 560 057

ENGINEERING

SCE-2016-17
Payment Voucher

No. : 507

Dated : 24-Sep-2021

Particulars	Amount
Account : Faculty Development Programme	1,500.00

Ch 323030
3/12/21

Through:

TGMC-103091002852

On Account of:

Being towards reimbursement of registration fees
towards attending of a 5 day FDP Programme on
August 25-29

Bank Transaction Details:

Madhushree Lakshmi

Cheque/DD

24-Sep-2021

1,500.00

Amount (in words):

INR One Thousand Five Hundred Only



₹ 1,500.00

Receiver's Signature:

Authorised Signatory

Notes - Name has been changed

19/10/21

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Haseraghatta Main Road
Bengaluru - 560 057



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Ideal Homes Township, Rajarajeshwari Nagar, Bengaluru - 560 098



ATTENDANCE CERTIFICATE

This is to certify that Mr./Mrs./Dr. Latha H participated in 5 day offline Faculty Development Program in association with IIIT-Allahabad on "Feature Engineering in Data Science and Deep Learning Models" from 25th August 2021 to 29th August 2021.


FDP Coordinators
Computer Science Engineering
Global Academy of Technology
Bangalore - 560 098.



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PAYMENT RECEIPT

This is to confirm that we have received Rs.1500/- from Mr./Mrs./Dr. Latha H towards the participation of 5 day Faculty Development Program in association with IIIT-Allahabad on "Feature Engineering in Data Science and Deep Learning Models" from 25th August 2021 to 29th August 2021.


Principal

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Computer Science Engineering
Global Academy of Technology

To

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Thanking You

Forwarded for the needful

Madhushree

Yours faithfully
Madhushree
Asst.Professor,
Dept of CSE, SCE.

*Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering
Bangalore - 57*

2

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Principal, GAT

Principal
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FDP Coordinators
Computer Science Engineering
Global Academy of Technology
Bengaluru - 560 098.

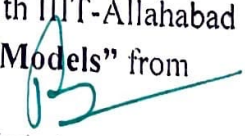


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Principal
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SCE-2016-17

Payment Voucher

No. : 508

Dated : 24-Sep-2021

Particulars	Amount
Account : Faculty Development Programme	1,500.00

Cr 323031
3/12/21

Through :

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Bank Transaction Details:

Latha A. Madhusree
Cheque

24-Sep-2021 1,500.00

Amount (in words) :

INR One Thousand Five Hundred Only



₹ 1,500.00

Madhusree
Receiver's Signature:

[Signature]
Authorised Signatory

Note: Name has been changed

9/10/21

[Signature]

Principal
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Bengaluru - 560 057