

## About GSSSIETW, Mysuru

Geetha Shishu Shikshana Sangha (R) is the outcome of the vision and initiative of Late. Prof. B.S. Pandit who retired as Professor from SJCE, Mysuru. His vision was to provide quality technical education to girls. The institution reflects the ideals of its founder and seeks to achieve excellence as an academic institution and advanced research centre. The vision of the management and commitment provides good governance resulting in progress of the institution.

Five Engineering branches ECE, CSE, ISE, TE and IT are accredited for three years by NBA, New Delhi, (Validity: 01-07-2017 to 30-06-2020). The institute offers 6 B.E Programmes, 2 M.Tech Programmes and MBA all affiliated to VTU Belagavi. Our institution has professional forums like IEEE, CSI, IETE and ISOL. The College also offers Ph.D. programmes in E&C, CS&E, E&IE, Mathematics, Chemistry and MBA departments.

### Recognitions:

- \* "Recognized Host Institute by MSME, Govt. of India, New Delhi" for supporting Entrepreneurial and Managerial Development of SMEs through Incubator.
- \* "CSI Best Accredited Student Branch Award" twice during 2016-17 and 2015-16.
- \* A Grand Felicitation of The Finest Educational Institutions of Karnataka. The Hindu Group felicitated the Educationists on a common platform titles "The DOYENS Guardians of Knowledge" on March 26<sup>th</sup>, 2017 at Ritz Carlton, Bengaluru.
- \* "48<sup>th</sup> position among Top -100 Emerging Engineering Colleges" in INDIA, an annual survey by Higher Education Review Magazine - 2017.

### About the Department:

B.E in Computer Science and Engineering was started in the Year 2003. The department has an intake of 120 along with M.Tech in Computer Science and Engineering. Both B.E & M.Tech. programmes are affiliated to Visvesvaraya Technological University, Belagavi & approved by AICTE, New Delhi and Govt. of Karnataka. The department is one among the top performers in Mysore region producing consistent results. The department has signed 5 MoUs with leading industries like IBM, Infosys, Wipro, iQuest Technologies LLP, Mysuru and Nihon Communication Solutions Pvt. Limited, Bengaluru for Industry Institute Interactions.

### Strength of the Department:

- \* VGST sponsored "Smart Systems and IoT Laboratory" worth ₹30 Lakhs funded by Govt. of Karnataka.
- \* VTU Recognized Research Centre with 04 Guides & 25 Research Scholars.

### Chief Patrons:

Dr. Jagannatha Shenoi M, *President, GSSS(R), Mysuru*

Smt. Vanaja B Pandit, *Hon. Secretary, GSSS(R), Mysuru*

### Patrons:

Sri. Bharath R K, *Member & CEO, GSSS (R), Mysuru*

Dr. Shivakumar M, *Principal, GSSSIETW, Mysuru*

Smt. Anupama B Pandit, *AO, GSSSIETW, Mysuru*

### Conveners:

Dr. S Meenakshi Sundaram, *Professor and Head, Dept. of CSE*

Mr. Gururaj K S, *Associate Professor, Dept. of CSE*

### FDP Coordinators:

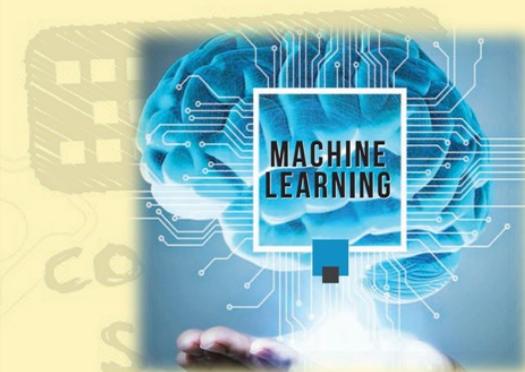
Mrs. Priyanka K R, *Assistant Professor, Dept. of CSE*

Mrs. Tejaswini R M, *Assistant Professor, Dept. of CSE,*

Mrs. Shruthi B M, *Assistant Professor, Dept. of CSE*

### CSI Coordinator:

Vishwesh J, *Assistant Professor, Dept. of CSE*



The Future of the Predictive  
Supply Chain.



Geetha Shishu Shikshana Sangha (R)

## GSSS Institute of Engineering and Technology for Women

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)

KRS Road, Metagalli, Mysuru- 570 016, Karnataka

5 Day FDP on

Recent Advances in

Machine Learning

(As per VTU CBCS Scheme 15CS73 & 15CSL76  
Syllabi & contents beyond syllabus also covered)

17<sup>th</sup> to 21<sup>st</sup> July 2018

Organized by

Department of  
Computer Science and Engineering

(Accredited by NBA, New Delhi, Validity: 01.07.2017 - 30.06.2020)

in association with

IQAC  
&  
CSI Mysore and Bangalore Chapters



## Objectives of theFDP

- ◆ To define machine learning and relevant problems pertaining to Machine Learning.
- ◆ To Make use of data sets to implement Machine Learning algorithms.
- ◆ To implement machine learning concepts & various algorithms.

## Program Schedule:

Session- 1	Session- 2	Session- 3
<b>17-July-2018</b>		
Introduction to Machine Learning	Feature Extraction	Hands on session on Feature Extraction
<b>18-July-2018</b>		
Basics of Classifiers	SVM classifier	Hands on session on SVM classifiers
<b>19-July-2018</b>		
Industrial trends in ML	Neural networks	Hands on session on Neural networks
<b>20-July-2018</b>		
Deep Learning	Deep Learning	Hands on session on Deep Learning
<b>21-July-2018</b>		
Overview and Opportunities in Machine Learning		

Note: Machine Learning with lab of VTU syllabus will be covered during the program.

## FDP Outcomes:

At the end of this FDP, participants will be able to:

- ◆ Understand the implementation procedures for the machine learning algorithms.
- ◆ Design Java/Python programs for various learning algorithms.
- ◆ Identify & apply machine learning algorithms to solve real world problems

## Resource Persons:

Eminent resource persons from Samsung, Bengaluru notified below will conduct the FDP that provides in-depth knowledge of machine learning techniques and its applications. This FDP covers the contents of VTU CBCS scheme 15CS73 & 15CSL76 & also the contents beyond syllabus.

1. Dr. Dinesh R, *Principal Engineer, Samsung, Bengaluru.*
2. Dr. Manjunath S, *Chief Engineer, Samsung, Bengaluru.*
3. Dr. Dayananda, *Lead Engineer, Samsung, Bengaluru.*

## Important Dates:

Last date for Registration 30-06-2018

## Registration Fee:

Participants	Registration Fee
Faculty/ Industry	₹ 1500
Research Scholars	₹ 1500

DD to be drawn in favor of GSSSIETW, Mysuru has to be sent to The Principal, GSSSIETW, KRS Road, Mysuru on or before 04-07-2018. Please confirm the registration by sending soft copy of the same to [gururaj.ks@gsss.edu.in](mailto:gururaj.ks@gsss.edu.in). The number of participants is limited to 35 on First Come First Serve basis.

## NEFT Details:

Beneficiary Name	GSSSIETW
Bank Name	CANARA BANK
Bank Branch	SIDDARTHA NAGAR, MYSORE
Account Number	1080101019135
IFSC Code	CNRB0001080

## Registration Link:

<https://goo.gl/forms/qPW92pDT2i6hbTZM2>

## Correspondence Address:

For further information, please contact:

**Mr. Gururaj K S**

*Associate Professor, Dept. of CSE,*

*Mob- 9986750445*

**Mrs. Priyanka K R**

*Assistant Professor, Dept. of CSE,*

*Mob- 7760891767*

*Geetha Shishu Shikshana Sangha (R)*

# GSSS Institute of Engineering and Technology for Women

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)

**KRS Road, Metagalli, Mysuru- 570 016, Karnataka**



## Department of Computer Science and Engineering

Accredited by NBA, New Delhi  
(Validity: 01.07.2017 - 30.06.2020)

## Department Vision and Mission

### Vision :

Knowledge dissemination with development of future leaders in Information Technology having a research blend.

### Mission :

- ◆ To equip students with continuous learning process to acquire Hardware, Software and Computing knowledge to face new challenges.
- ◆ To inculcate the core Computer Science and Engineering components with discipline among the students by providing the state-of-the-art learner centric environment.
- ◆ To impart essential knowledge through quality and value based education to mould them as a complete Computer Science Engineer with ethical values, leadership roles by possessing good communication skills and ability to work effectively as a team member.
- ◆ To provide a platform to collaborate with successful people from entrepreneurial and research domains to learn and accomplish.





*Geetha Shishu Shikshana Sangha(R)*  
**GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY  
FOR WOMEN**

(Affiliated to VTU, Belgaum and Approved by AICTE, New Delhi & Govt. of Karnataka)

KRS Road, Metagalli, Mysuru – 570 016

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

(Accredited by NBA, New Delhi, Validity: 01.7.2017 to 30.06.2020)

in association with

**IQAC**

**Invitation**

*It is our pleasure to invite you for the Inauguration of*

*5 Day FDP on*

*“Recent Advances in Machine Learning”*

*on*

*17<sup>th</sup> to 21<sup>st</sup> July 2018*

*Chief Guest*

**Dr. Dinesh R**

**Principal Engineer, Samsung, Bengaluru**

*Presided by*

**Smt. Vanaja B Pandit**

Hon. Secretary, GSSS(R), Mysuru

*In the presence of*

**Smt. Anupama B Pandit**

AO, GSSSIETW, Mysuru

**Dr. Shivakumar M**

Principal, GSSSIETW, Mysuru

**Sri. Bharath R K**

CEO & MCM, GSSS(R)



*Kindly do attend and grace the occasion*

**Date** : 17<sup>th</sup> July 2018

**Venue** : Seminar Hall, GSSSIETW, Mysuru

**Time** : 10.00 a.m.



Geetha Shishu Shikshana Sangha (R)  
**GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN**  
(Affiliated to VTU and approved by AICTE, New Delhi & Govt. of Karnataka)  
K.R.S. Road, Metagalalli, Mysore – 570 016, Karnataka, India  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
(Accredited by NBA, New Delhi. Validity: 01.07.2017 to 30.06.2020)

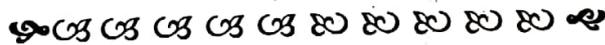


**5 Day FDP on**  
**“Recent Advances in Machine Learning”**

**Date: 17<sup>th</sup> July 2018**

**AGENDA**

Invocation	Smt. Priyanka K R, Assistant Professor	[3 min]
Welcome Speech	Dr. Raviraj P, Professor of CSE	[3 min]
Inauguration by Offering of Flowers	By the Dignitaries	[2 min]
About the FDP	Dr. S. Meenakshi Sundaram Professor & Head, Dept. of CSE	[2 min]
Introduction of Chief Guest	Smt. Anandhi G Assistant Professor	[2 min]
Address by Chief Guest	Dr. Dinesh R Principal Engineer, Samsung, Bengaluru	[15 min]
Participants view regarding the FDP process	By the Participants	[4 min]
Address by Principal	Dr. Shivakumar M Principal, GSSSIETW, Mysuru	[2 min]
Presidential Address	Smt. Vanaja B Pandit, Hon. Secretary, GSSS(R)	[2 min]
Vote of Thanks	Smt. Shruthi B M , Assistant Professor	[3 min]



**Master of Ceremony: Smt. Rummana Firdaus, Assistant Professor, Dept. of CSE**  
**Venue : Seminar Hall**  
**Date : 17 / 07 / 2018**  
**Time : 10:00 a.m.**



Date: 19/07/2018

### Report of Five Day FDP ON “Recent Advances in Machine Learning” from 17<sup>th</sup> to 21<sup>st</sup> July 2018

The Department of Computer Science & Engineering organized a Five Day FDP on “Recent Advances in Machine Learning” in association with CSI Bangalore and Mysore Chapters for Faculty and Research Scholars of various Institutions and Universities from 17<sup>th</sup> to 21<sup>st</sup> July 2018. The Program was inaugurated by the Chief Guest **Dr. Dinesh R**, Principal Engineer, Samsung, Bengaluru in presence of **Dr. Shivakumar M**, Principal, GSSSIETW, Mysuru, **Dr. S. Meenakshi Sundaram**, Professor & Head, Dept. of CSE, GSSSIETW, Mysuru and **Dr. P Raviraj**, Professor, Department of CSE, GSSSIETW, Mysuru.



From Left Sitting: **Dr. S. Meenakshi Sundaram**, Professor & Head, Dept. of CSE, GSSSIETW, Mysuru, **Dr. Dinesh R**, Principal Engineer, Samsung, Bengaluru, **Dr. Shivakumar M**, Principal, GSSSIETW, Mysuru, & **Dr. P Raviraj**, Professor, Department of CSE, GSSSIETW, Mysuru, with participants from various Institutions.

The FDP focused on the recent advancements in Machine Learning. During the inaugural address, **Dr. Dinesh R**, highlighted about the current trends in machine learning, the impact it has made today in the industry, the opportunities available for doing research in this area. He also emphasized that more number of patents are filed in this area in the recent times.

**Dr. Shivakumar M**, Principal in his address shared his views on the relevance and importance of Machine learning in the current scenario. He explained about the computational power of computer systems, its ability to crunch voluminous data, data mining and how machines have become more intelligent with machine learning concepts.

**Dr. S Meenakshi Sundaram**, Professor and Head, Dept. of CSE shared overall views about machine learning from fundamental concepts to applications and about the 5 day schedule in respect of

the FDP. The convener of the FDP Dr. P Raviraj, welcomed the gathering and Mrs. Shruthi B M, proposed the vote of thanks.

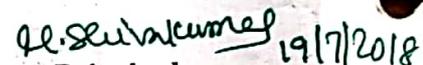
During the theoretical and practical sessions on the first day, as a resource person Dr. Dinesh R, shared his experiences as a research scientist about machine learning concepts like supervised, unsupervised learning and inductive bias, stages of Machine learning, importance of data & learning methods, feature extraction and its challenges.

Further in the later sessions, eminent personalities from the industry Dr. Mohammed Imran, Senior Data Scientist of Ejyle Technologies, Bengaluru and Dr. Chethan Kumar B M, Lead Engineer of Samsung, Bengaluru shared their experiences gained in the industry and provided practical hands-on sessions using Anaconda software and gave an insight into Python programming related to Machine Learning course offered by VTU, Belagavi recently.

Dr. V N Manjunath Aradhya and Dr. B S Harish of SJCE, Mysuru spoke on about fundamental machine learning concepts, various tools used for implementing machine learning concepts and shared their experiences in machine learning research and current trends.

  
HOD/CSE 19/7/2018

Head of the Department  
Dept. of Computer Science & Engineering  
GSSSIETW  
KRS Road, Mysuru-570 016

  
Principal 19/7/2018  
Principal  
GSSSIETW, Mysore-16

Contact: CSE Dept, GSSSIETW, MYSURU - 570016. E - Mail: csisb@gsss.edu.in



# GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to VTU, Belgavi, Approved by AICTE, New Delhi & Govt. of Karnataka)

## Department of COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA, New Delhi, Validity 01.07.2017 to 30.06.2020)

Sl.No	Participant Name	Department	Institute	Registration Fee Details (NEFT/DD Details)	Signature
1	SUMAN M ✕	CSE	DAYANANDA SAGAR COLLEGE OF ENGINEERING, Bengaluru	14668372726 / 6-6-2018	
2	PADMASHREE G ✕	CSE	Mangalore Institute of Technology and Engineering, Moodabidri	P18060639500089	
3	SAMHITHA UPADHYAYA ✕	ISE	Mangalore Institute of Technology and Engineering, Moodabidri	P1806639508970	
4	DHRUVA P ACHAR ✕	CSE	Moodlakatte Institute of Technology, Kundapura	817007615244	
5	RACHANA N B ✕	CSE	GM Institute of Technology, Davangere	IRG8191243 / 21-6-2018 and IRG8869064	
6	BHAVATARININ ✕	ISE	Sapthagiri college of engineering, Bengaluru	UR08980093.	
7	MADHURA GEETHA S ✕	CSE	PES College of Engineering, Mandya	817711754872	
8	D S RAJESH ✕	CSE	Srinivasa Institute of Technology, Mangalore	IMPS00057017224	
9	DR. UMESH D R ✕	CSE	PES College of Engineering, Mandya	IRG8557800	
10	KAVYASHREE E D ✕	CSE	ATME College of Engineering, Mysuru	818311212172	
11	ANIL KUMAR C J ✕	CSE	ATME College of Engineering, Mysuru	818311216174	
12	DR PADMA M C ✕	CSE	PES College of Engineering, Mandya	818422459859	
13	PUSHPARANI MK ✕	ECE	Mangalore Institute of Technology and Engineering, Moodabidri	DD : _____	
14	SHRUTHI D V ✕	ISE	Malnad College of Engineering	812901 818511403291	
15	VINUTHA M R ✕	ISE	Malnad College of Engineering, Hassan	812902	
16	GEEETHANJALITM ✕	ISE	P.E.S. College of Engineering, Mandya	"862136"	
17	VEENA M ✕	CSE	P.E.S. College of Engineering, Mandya	"862137"	
18	PREMA N S ✕	ISE	Vidyavardhaka College of Engineering, Mysuru	DD : cash	
19	SHRADDHA C ✕	CSE	Vidyavardhaka College of Engineering, Mysuru	DD : cash	

20	CHARUNAYANA V ✕	CSE	Vidyavardhaka College of Engineering , Mysuru	796059	
21	DIVYA C D ✕	CSE	Vidyavardhaka College of Engineering Mysuru	796060	C.D.Dingy
22	RAJESHWARI D ✕	ISE	NIE Institute of Technology, Mysuru	588048	R/D
23	LOVEE JAIN ✕	CSE	NIE Institute of Technology	588049	lovee
24	SHILPASHREE J B ✕	ISE	Vidyavardhaka College of Engineering , Mysuru	419932	Shilpa
25	NEETHI M V ✕	ISE	Malnad College of Engineering, Hassan	Spot Payment: <u>cash</u>	Neethi M.V.
26	<del>VISWESH J</del>	<del>CSE</del>	<del>GSSSIETW, Mysuru</del>	<del>Spot Payment: _____</del>	
27	HEMACHANDER N ✕	CSE	Cauvery Institute of Technology, Mandya	818609513598	H.M.A.
28	PRAJANYA C A ✕	CSE	GM Institute of Technology, Bharathi Nagar	Spot Payment: <u>cash</u>	Prajanya
29	<del>JYOTHIT ✕</del>	<del>ISE</del>	<del>GSSSIETW, Mysuru</del>	<del>Spot Payment: _____</del>	
30	<del>DC VINUTHA</del>	<del>ISE</del>	<del>Vidyavardhaka College of Engineering Mysuru</del>	<del>Spot Payment: _____</del>	
31	SHASHANK A R ✕	CSE	P.E.S. College of Engineering , Mandya	KARNBN18190532275	S.A.A.
32	<del>VAITHI DEVI</del> DIVYA B.M	CSE	BGS INSTITUTE OF TECHNOLOGY, Nagamangla	Spot Payment: <u>cash</u>	Divya
33	M J PRASANNA KUMAR ✕	CSE	BGS INSTITUTE OF TECHNOLOGY, Nagamangla	Spot Payment: <u>1500 cash</u>	M.J.Prasanna
34	PRUTHVI KUMAR K R ✕	ISE	JYOTHY INSTITUTE OF TECHNOLOGY, Bengaluru	IOBAN18190616140	P.K.R.
35	KISHORE G R ✕	ISE	JYOTHY INSTITUTE OF TECHNOLOGY, Bengaluru	IOBAN18190616140	Kishore
36	ABHISHEK K ✕	ISE	JYOTHY INSTITUTE OF TECHNOLOGY, Bengaluru	IOBAN18190616140	Abhishek
37	PRADEEP B M ✕	CSE	GM Institute of Technology, BhartiNagar	Spot Payment: _____	P.B.M.
38	MADESHA M ✕	CSE	MYCEM, Mysuru	Spot Payment: <u>cash</u>	Madesha
39	DR. VEENA M N	MCA	PES College of Engineering, Mandya	IRG9953692	Dr. Veena M.N.
40	SOWMYASHREE K N	MCA	PES College of Engineering, Mandya	IRG9954077	Sowmyashree K.N.
41	MANJUSHREE K CHAVAN	ECE	Dr T Thimmaiah Institute of Technology	on 20/7/18 819413736812 <u>cash 1500/-</u>	Manjushree K.Chavan
42	Jyothi Y kulkarni	CSE	Govt First Grade College, Kalaburgi	Bank Deposit	Jyothi Y. Kulkarni
				581N318197555735	
43	MOHAMMED SINAN MARIKATTAY	CSE	BEARNS INSTITUTE OF TECHNOLOGY, MANGALORE	cash	Mohammed Sinan Marikattay

45	MOHAMMED Ahmed Ali	CSE	PES Coll of Engineering, Mandya	CASH-1000	
	ABDULLI YAHYA	CSE	DOS	CASH-1000	
	MOHAMMED MUAAD				
46	NAYANA C G	TCE	GSSSIETW, Mysuru	CASH	
47	BELAL ABDULLAH HEZAM MURSHED	CSE	DOS belalaprof@gmail.com	CASH-1000	
48	WADEEA RASHAD AHMED NAJI	CSE	DOS	CASH-1000	
49	TAGHREED ABDULLAH MOHAMMED ALI MOHAMMED	CSE	DOS	CASH-1000	
50	DR AJAY PRAKASH B V	CSE	SJBIT BANGALURU	CASH	
51	NANDEESWAR S B	CSE	ADSIE, BANGALURU	CASH	
52	MOHAMMED ALI JUBRAN ALKOLI	CSE	DOS	CASH-1000	
53	Pallavi H.B	DSE	APSCG	Cash-1500	
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