

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

ACADEMIC YEAR 2016-2017

Date: 15/06/2016

CIRCULAR

Faculties are hereby informed that the department is conducting a Five days Faculty Development programme on "Deep Learning" for our faculties for their Technical Developments from 20th June 2016 to 24th June 2016. Interested Faculties can register their names with Prof. A Latha, Assistant Professor and Prof Kavitha G, Assistant Professor.

Copy to

1. The office of the Principal
2. HODs: CSE/ECE/EEE/IS/ME/CV/BT/PHYCHE/MATH



HOD

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



Principal
Sapthagiri College of Engineering
Chikkasandra, Hesarghatta Road,
Bangalore-560 057



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING**

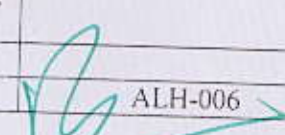
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057

ACADEMIC YEAR 2016-2017

Five days FDP on "Deep Learning" on 20th June 2016 to 24th June 2016

Programme schedule:

DATE/DAY	TIME	EVENT,SPEAKER & TOPIC COVERED	VENUE
20/06/2016 MONDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance
	10:00 AM -10:40 am	Inaugural Function	
	10:40 am -11 :00 am	Tea Break	ALH-006
	11:00 am -1:00 pm	Lecture-1: Prof. Roopa Banakar <ul style="list-style-type: none">• Introduction to deep learning	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-2: Prof. Roopa Banakar <ul style="list-style-type: none">• Introduction to deep learning	ALH-113
21/06/2016 TUESDAY	9:00 AM-10:40 AM	Lecture-3: Prof. Suriya Prakash <ul style="list-style-type: none">• Neural Networks Basics	ALH-113
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-4: Prof. Suriya Prakash <ul style="list-style-type: none">• Shallow Neural Networks	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-5: Hands-on session	ALH-113
22/06/2016 WEDNESDAY	9:00 AM-10:40 AM	Lecture-6: Prof. Sushmitha. J <ul style="list-style-type: none">• Deep Neural Networks	ALH-113
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-7: Prof. Sushmitha. J <ul style="list-style-type: none">• Practical aspects of Deep Learning	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-8: Hands on session	ALH-113
23/06/2016 THURSDAY	9:00 AM-10:40 AM	Lecture-9: Prof. Suriya Prakash <ul style="list-style-type: none">• Optimization Algorithms	ALH-113
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-9: Prof. Sushmitha. J <ul style="list-style-type: none">• Hyper- Parameter Tuning	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-10: Hands on session	ALH-113
24/06/2016 FRIDAY	9:00 AM-10:40 AM	Lecture-11: Prof. Suriya Prakash <ul style="list-style-type: none">• Batch Normalization and Programming Frameworks	ALH-113
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-12: Prof. Roopa Banakar <ul style="list-style-type: none">• Batch Normalization and Programming Frameworks	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Valedictory Function	ALH-006


Principal
 Sapthagiri College of Engineering
 Chikkasandra, Hesaraghatta
 Bangalore

Registration Details

Name: _____

Designation: _____

Qualification: _____

Experience (In Years)Teaching: _____

Industry: _____

Address for communication:

Phone Office: _____

Mobile: _____

E-mail: _____

Signature of Participant

*Signature of the Head of the
Organization/Department/Institute with Seal*

Chief Patrons:

Sri Dayanand G.
Chairman
SriSrinivasaEducational&CharitableTrust

Sri G D
ManojExecutive
Director
SriSrinivasaEducational&CharitableTrust

Patrons:

Dr. Srinivasan N. Director, SCE
Dr. M. Aswatha Kumar Principal, SCE

Organizing Chair:

Dr. C M
PrashanthProfess
or & Head

Co-ordinator

Prof. A Latha
Assistant Professor

Prof. Kavitha G
Assistant Professor



**SAPTHAGIRI COLLEGE OF
ENGINEERING**

Five days Faculty Development

Programme on

“Deep Learning”

20th June to 24th June 2016



Organized by:

Department of Computer Science & Engineering
SAPTHAGIRI COLLEGE OF ENGINEERING

Recognized by AICTE, New Delhi & Affiliated to VTU, Belgaum)

#14/5, Chikkasandra, Hesarghatta Main Road
Bangaluru-560057. Phone No. 080-28372801/221
Fax: 28372797. www.sapthagiri.edu.in

About College

There is a dearth of qualified engineers who are equipped to take on the challenges of the new economy. To help the country fulfill this need was born the "Sapthagiri College of Engineering (SCE)" in the year 2001, a college with a vision to shape up professionals in the field of technology. The brainchild of a group of visionary entrepreneurs, who have formed Sri Srinivasa Educational & Charitable Trust³, the trust also runs Sapthagiri Institute of Medical Science & Research Centre, Bangalore. SCE is on a mission to enable Indian Engineers to take our country to a global leadership status in technological development.

The institute is affiliated to VTU & recognized by AICTE. It offers B.E. in Computer Science & Engg, Information Science & Engg, Mechanical Engg, Electrical & Electronics Engg, Electronics & Communication Engg, Bio-technology and Civil Engg and M.Tech in Computer Science & Engg, VLSI & Embedded Systems.

About the Department

The department of Computer Science & Engineering had its beginning in the year 2001. It currently offers Bachelor of Engineering (B.E) degree with an intake of 120, Master of Technology (M.Tech) degree with an intake of 24 in Computer Science & Engineering and also

Ph.D program. The primary focus of the department is to produce highly competent IT professionals, who can be readily acceptable by the industry. To motivate and orient the students to achieve academic excellence, the technical workshops, expert lectures from eminent speakers, conferences and competitions are organized on a regular basis in addition to the regular class room teaching from highly dedicated team of faculty.

About the FDP

This FDP will elevate overall knowledge of Data Pre-processing and this also deals with Reinforcement Learning and Artificial Neural Network.

Pre-requisite

- Concepts of Machine Learning.

Contents

1. Introduction to deep Learning
2. Neural Networks Basics
3. Shallow Neural Networks
4. Deep Neural Networks
5. Practical aspects of Deep Learning Optimization Algorithms
6. Hyper- Parameter Tuning
7. Batch Normalization and Programming Frameworks

Resource Person:

Dr. C M Prashanth, Professor & Head
Sapthagiri College of Engineering

Prof. Roopa Banakar, Assistant Professor
Sapthagiri College of Engineering

Prof. Suriya Prakash, Assistant Professor
Sapthagiri College of Engineering

Prof. Sushmitha J, Assistant Professor
Sapthagiri College of Engineering

Note

Number of participants will be limited to 30. The selected participants will be informed of their selection by e-mail.

Registration Fee: Free

SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057

FIVE days FDP on "Deep Learning" from 20/6/2016 to 24/06/2016

ATTENDANCE REPORT

SL. No.	Name	Day 1 20/06/2016 MONDAY		Day 2 21/06/2016 TUESDAY		Day 3 22/06/2016 WEDNESDAY		Day 4 23/06/2016 THURSDAY		Day 5 24/06/2016 FRIDAY	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.C.M.Prashanth	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
2	Mrs.KamalakshiNaganna	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka
3	Mr. Rajeev Bilagi	A	A	A	A	A	A	A	A	A	A
5	Mrs.Chaithra	ch	ch	ch	ch	ch	ch	ch	ch	ch	ch
6	Mrs.Ancy Thomas	Am	Am	Am	Am			Am		Am	Am
7	Mrs.Ragini Krishna	P	P	AB	P	AB	P	P	P	P	P
8	Mrs.Latha.A	A	A	A	A	A	A	A	A	A	A
9	Mrs.RoopaBanakar	Re	Re	Re	Re	Re	Re	Re	Re	Re	Re
10	Mrs.Poorinima.G J	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
11	Mrs.Sushmita.J	S	S	S	S	S	S	S	S	S	S
12	Mrs.Madhushree	M	M	M	M	M	M	M	M	M	M
13	Ms.Veena K R	ve	ve	ve	ve	ve	ve	ve	ve	ve	ve

Principal
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14	MrsAnuradhaBadage	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD
15	MrsKavitha G	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK
16	Mr.Anoop N Prasad	ANP	ANP	ANP	ANP	ANP	ANP	ANP	ANP	ANP	ANP
17	Mr.Chethan M	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM
18	MrsAkshatha B R	ABR	ABR	ABR	ABR	ABR				ABR	ABR
19	MrsAkshatha G C	AGC	AGC	AGC	AGC	AGC	AGC	AGC	AGC	AGC	AGC
20	Mr.Suriya Prakash J	SPJ	SPJ	SPJ	SPJ	SPJ	SPJ	SPJ	SPJ	SPJ	SPJ
21	MrsShruthi N	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
22	MrsVidya J	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ
23	Ms.Kavya N L	KNL	KNL	KNL	KNL	KNL	KNL	KNL	KNL	KNL	KNL

Principal



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ACADEMIC YEAR 2016-2017

Report On Five days FDP on “Deep Learning”

This FDP will elevates overall knowledge of the Deep Learning concepts to the teaching community by giving them in depth understanding of most popular Deep Learning Architecture such as Deep Neural Networks, Deep Belief Networks, Recurrent Neural Networks and hands on expertise.

The technical session was very helpful in enhancing the technical knowledge amongst the faculty members. Overall the faculties felt that the session was very Informative and gain Knowledge about the Deep Learning and its applications. The session ended with Feedback session and Valedictory function



Participant's Feedback



Interactive session


Convener


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesareghatta Road,
Bangalore-560 057


Chairman

SAPTHAGIRI COLLEGE OF ENGINEERING
#14/5, HESARAGHATTA MAIN ROAD, BENGALURU - 560067

Certificate of Participation

This is to certify that

Mr./Ms. Prof. Shobha. Chandra. K.
Successfully participated in the Faculty Development Program on "Deep Learning" from 20/06/2016 to 24/06/2016 organized by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bengaluru-560057.

[Signature]

HOD
Professor & Head of the Department
of Computer Science Engineering

[Signature]
Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560057

[Signature]
PRINCIPAL
Principal

Sapthagiri College of Engineering