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KSSEM **K. S. SCHOOL OF ENGINEERING AND MANAGEMENT**

63 Years
1952-2015
Kammavari Sangham

The Management, Principal & Staff of CSE Department
Cordially invite you for

NCCT - 2015

National Conference on
Advances in Computing Technology
on 30th April 2015

Chief Guest
Dr. Rajdeep Manwani
Academician

Guest of Honour
Sri. S.R. Naidu
Ex-Secretary, KSGI

Sri. Y. Ramachandra Naidu
Hon. President, KSGI
will preside over the function

Sri. K. Venkatesh Naidu
Hon. Secretary, KSGI
will grace the occasion

Sri. D. Rukmangada
Hon. Treasurer, KSGI
will grace the occasion

Dr. S.N. Sridhara
Principal / Director, KSSEM

Dr. B.K. Raghavendra
Professor & HOD, Dept. of CSE
Chief Coordinator, NCCT - 2015

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Department of Computer Science & Engineering

No. 15, Mallasandra, off Kanakapura Road, Bengaluru - 560062
Phone: 080 - 28425012, **Fax:** +91 - 80 - 28425164 **Web:**www.kssem.edu.in

NATIONAL CONFERENCE ON

ADVANCES IN COMPUTING TECHNOLOGY

NCCT - 15

Thursday, 30th April 2015

Last Date for Paper Submission : 8th April 2015

INSTITUTIONAL PROFILE

K.S. School of Engineering and Management (KSSEM) was established in 2010 by Kammavari Sangham (R) with the objective of providing quality education in Engineering and Management. KSSEM offers BE in Civil, Computer Sc, Electronics and Communication, Electrical and Electronics and Mechanical Engineering in addition to MBA. PG Programmes are also offered in Civil, Computer Sc, Electronics and Communication and Mechanical Engineering. All the courses are affiliated to VTU, Belagavi, and approved by AICTE, New Delhi.

Within a short period from inception, KSSEM has been recognised as one of the good institutes offering Engineering and Management courses in Bengaluru. The overall growth is emphasised in all actions of KSSEM and programmes have been incorporated to inculcate humanity and leadership qualities in students. Our students have participated in many University and State level Sports and Cultural events and have won prizes. The alumni of KSSEM have occupied chairs in good corporates and industries. KSSEM is encourages research in every field of studies. It has published about 360 research Papers in leading Journals and conference proceedings and h bagged research fund of worth Rs. 60 lakh within the short period of four years of its inception. In continuation of the spirit of encouragement of research in various fields, KSSEM has organised a chain of National Conferences on all Science, Engineering, Library Science and Physical Education streams.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was started in the year 2010 with an approved intake of 60 and has been increased to 120 from the academic year 2012-13. The department has also started M.Tech Course in Computer Science & Engineering from the academic year 2013-14 with an intake of 18. The department has well qualified faculty members with rich experience and most of them are pursuing their Ph.D. The department has excellent state of the art infrastructure in both Hardware and Software Resources. The department is committed to develop the IT leaders of tomorrow. The department is dedicated to education, research & overall excellence.

CALL FOR PAPERS

The conference aims at covering a broad spectrum of topics including (but not limited to) the following :

- Image Processing
- Computer Networks
- Data Mining
- Cloud Computing
- Embedded Computing Systems
- Artificial Intelligent Systems
- Parallel Programming
- Big Data Analytics
- Multimedia Communications
- Soft Computing
- Security in Computing & Communication
- Ethics in Computing

IMPORTANT DATES

Last Date for Submission of Papers :	08.04.2015
Paper Acceptance Notification :	13.04.2015
Submission of Camera Ready Copy with Registration Form :	20.04.2015
Conference Date :	30.04.2015

Papers to be sent in given format to: ncct15@kssem.edu.in

OBJECTIVES OF THE NCCT - 15

The mission of NCCT-15 is to provide an outlet for quality research to be published to a global audience. The Conference offers a forum to bring Researchers, Academicians and Industrialists on to a common platform. The conference aims to highlight the recent advances in Computer Science and Engineering and also to promote educational activities and exchange of information towards the advancement of Theory and Practice of Computer Science and other related topics for the service of mankind and welfare of society.

PAPER SUBMISSION

Authors are invited to submit full-length papers limited to six pages as per given format and send the same to ncct15@kssem.edu.in

The format can be downloaded at www.kssem.edu.in/ncct2015-cse

CONFERENCE PROCEEDINGS

All submitted papers will be peer reviewed and accepted papers will be published in the Conference Proceedings with reputed publishers.

REGISTRATION PROCESS

Registration form for the conference can be downloaded at www.kssem.edu.in/ncct2015-cse . The filled & scanned registration form, along with soft copy of the paper should be sent to E-mail: ncct15@kssem.edu.in or online registration can be made. The DD along with a copy of the registration form should be sent to the institution address.

Category	Fee *
UG Students	Rs. 750/-
PG Students / Faculty / Ph. D. Scholars	Rs. 1000/-
Industry Professionals	Rs. 2000/-

* Registration fee includes conference kit, book of abstract, lunch and Proceedings.

For online registration log on to : www.bit.ly/NCCT15.

Registration payment must be made through Demand draft in favor of "**K. S. School of Engineering and Management, Bangalore**".

Note : Best Paper Awardee in Each Session will be Rewarded

ALL CORRESPONDENCES TO BE ADDRESSED TO

ncct15@kssem.edu.in

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School of Engineering and Management

National Conference on Computing Technology (NCCT-2015)

30th April 2015

Delegate Feedback Form

Please tick the box below to indicate your feedback.

Sl. No.	Item	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Bad (0)
1	Overall theme/concept of the conference	✓				
2	Cooperation by the coordinators starting from receiving the paper upto delivering the presentation	✓				
3	Ambience, Seminar Hall and other Arrangements	✓				
4	Relevance of Keynote Address and its value	✓				
5	Facilities for presentation of papers (projector, pointer and audio system)	✓				
6	Hospitality (welcome, information system, food and high-tea)		✓			
7	Overall rating of the conference			✓		
8	Any other Suggestion/s:					

Name, Designation and Signature of the Delegate:

(Confidentiality will be maintained)

Manoj Kumar

IV Sem M.Tech

Manoj.

School of Engineering and Management

National Conference on Computing Technology (NCCT-2015)

30th April 2015

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Please tick the box below to indicate your feedback.

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1	Overall theme/concept of the conference					
2	Cooperation by the coordinators starting from receiving the paper upto delivering the presentation					
3	Ambience, Seminar Hall and other Arrangements		✓			
4	Relevance of Keynote Address and its value		✓			
5	Facilities for presentation of papers (projector, pointer and audio system)			✓		
6	Hospitality (welcome, information system, food and high-tea)			✓		
7	Overall rating of the conference			✓		
8	Any other Suggestion/s:				✓	

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Izee College of Management & Information Science.

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K. School of Engineering and Management

National Conference on Computing Technology (NCCT-2015)

30th April 2015

Delegate Feedback Form

Please tick the box below to indicate your feedback.

Sl. No.	Item	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Bad (0)
1	Overall theme/concept of the conference					
2	Cooperation by the coordinators starting from receiving the paper upto delivering the presentation		✓			
3	Ambience, Seminar Hall and other Arrangements		✓			
4	Relevance of Keynote Address and its value		✓			
5	Facilities for presentation of papers (projector, pointer and audio system)	✓				
6	Hospitality (welcome, information system, food and high-tea)	✓				
7	Overall rating of the conference		✓			
8.	Any other Suggestion/s:					

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Pratima. D. B, Rakshith. V, Shreyan M.N, Srihasha B. S Raso

(UG Students 'B.E').

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K S SCHOOL OF ENGINEERING AND MANAGEMENT

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BOOK OF ABSTRACTS

National Conference on Advances In Computing Technology (NCCT 2015)

April 30,2015

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PREFACE

National conference on "Advances in Computing Technology" aims to provide an outlet for quality research to a global audience. "NCCT 2015" is being organized by the Department of Computer Science & Engineering of K. S. School of Engineering & Management, Bengaluru. The conference offers a forum to bring Researchers, Academicians and Industrialists on to a common platform. "NCCT 2015" offers a great opportunity to share innovative ideas and explore the recent developments in the field of computer science and aims to promote the educational activities towards the advancements of Theory and Practice of Computer Science and other related topics for the service of mankind and welfare of society. "NCCT 2015" covers a broad spectrum of topics including: Image Processing, Big data Analytics, Computer Networks, Multimedia Communications, Data Mining, Cloud Computing, Soft Computing, Embedded Computing Systems, Security in Computing and Communication, Artificial Intelligent Systems, Parallel Programming, Ethics in Computing.

This publication complements the main conference proceedings.

K.S. School of Engineering and Management

Registration Form for Four-Day Faculty Development Programme on Data Structures with C and Python from 13-16 July 2016

Name: ……………………………………………………………………….

Designation: ………………………………………………………..

Organisation: …………………………………………………………

………………………………………………………………………………

………………………………………………………………………………..

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Mobile No: …………………………………………………………….

E-mail: …………………………………………………………………..

Signature of the	Seal & Signature
Candidate	Principal/Employee

Send the filled, signed and scanned registration form to hod.cse@kssem.edu.in.

The registration fee of Rs. 500 will be collected on the first day of FDP. Only first 100 registrations will be considered.

Please note that registrations start by 9.00 am followed by sessions.

CHIEF PATRONS

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Sri. K. Venkatesh Naidu, Secretary, K S Group of Institutions
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Mrs. Mamatha R, Assistant Professor, KSSEM, Bengaluru
Mr. Sandeep H, Assistant Professor, KSSEM, Bengaluru

SESSION INFORMATION

Day 1: Introduction, Searching, Sorting
Day 2: Stacks and Queues
Day 3: Linked List, Trees, Graphs
Day 4: Python

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Department of Computer Science & Engineering

No. 15, Mallasandra, off Kanakapura Road, Bengaluru – 560 109
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FACULTY DEVELOPMENT PROGRAMME
ON
DATA STRUCTURES WITH C AND PHYTHON
ACCORDING TO CBCS SCHEME
13-16 JULY 2016

ISTITUTIONAL PROFILE

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develop the IT leaders of tomorrow. The department is dedicated to education, research & overall excellence.

INTENDS OF THE FDP

The CBCS scheme introduced newly has change in syllabus and also introduced new trends of Computer science and engineering stream. Being Faculty it is our immense trend to upgrade our knowledge as per the requirement. This FDP focuses on the course like "DATA STRUCTURES WITH C" and "PHYTHON", the learning objectives and its practical implementations.

AROUND DATA STRUCTURES WITH C" and "PHYTHON"

Data structures are fundamental building blocks used for the implementation of algorithms and programs. There are Different kinds of data structures and are meant for different kinds of applications, and some are highly specialized to specific tasks The main topic discussed in FDP are Sorting, Searching, Recursion, Stack, Queue, Linked List, Trees, Graphs and file handling operations with hashing with hands on.

Python is an interpreter, object-oriented programming language that has gained popularity because of its clear syntax and readability. Python is powerful and fast and runs on all the operating system and an open source. The silent features of the python will be detailed and hands on session will be provided.

IMPORTANT DATES

The FDP is scheduled between the dates 13th July to 16th July 2016 i.e. Wednesday to Saturday

REGISTRATION PROCESS

Registration form for the conference can be downloaded at www.kssem.edu.in.
The filled & scanned registration form should be sent to E-mail: hod.cse@kssem.edu.in .The Registration amount can be paid on spot at the venue of the FDP.

Fee

A nominal Fee of 500/- is the amount to be paid for the FDP
*Registration fee includes program kit and lunch.

All Correspondences to be addressed to:

Department of Computer science and engineering
K. S. SCHOOL OF ENGINEERING & MANAGEMENT
No. 15, Mallasandra, off Kanakapura Road, Bengaluru – 560 109

OBJECTIVES OF FDP

Objectives of the FDP are

➢ To Understand, Practice and Assimilate fundamentals of data structures and their applications essential for programming/problem solving.
➢ To Describe, Analyse, Design and Evaluate the Linear Data Structures: Stack, Queues, Lists.
➢ To Describe, Analyse, Design and Evaluate the Non-Linear Data Structures: Trees, Graphs.
➢ To Describe, Analyse, Design and Evaluate the sorting & searching algorithms.
➢ To Assess appropriate data structure during program development/Problem Solving.

Schedule:

Day 1: 13-7-16
10:00 AM to 12:00 PM
Introduction to Data structures, Searching and Sorting Methods
1:30 PM to 3:30 PM
Hands on Basic Programs

Day 2: 14-7-16
10:00 AM to 12:00 PM
Introduction to Stacks and Queues
1:30 PM to 3:30 PM
Hands on Programs

Day 3: 15-7-16
10:00 AM to 12:00 PM
Introduction to Linked List, Trees, Graphs
1:30 PM to 3:30 PM
Implementation

Day 4: 16-7-16
10:00 AM to 12:00 PM
Python
1:30 PM to 3:30 PM
Hands on Session

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Five Days Faculty Development Program on
"Data Structures with C and Python"
12th to 16th July 2016

Certificate

This is to certify that Mr. / Ms. / Prof. / Dr. _MEGHA J._ Faculty of

Department/College/Organization _Computer Science & Engineering._

K.S. School of Engineering & Management Participated in Five Days Faculty

Development Program on "Data Structures with C and Python" Organized by Department of Computer Science

and Engineering Department held during 12th to 16th July 2016 at K.S. School of Engineering and Management.

Dr. B.K. RAGHAVENDRA
Chief Coordinator

Dr. M.T. GOPALAKRISHNA
Co-Coordinator

Dr. S.N.Sridhara
Principal / Director

Report on DATA STRUCTURES WITH C AND PYTHON

A five day Faculty development program on "DATA STRUCTURES WITH C AND PYTHON" was conducted by the Department of Computer science and engineering , KSSEM from 12th to 16th July 2016.

An updated syllabus is been introduced by the Visveswaraya Technological University to encourage the students to learn new technologies and have good basic knowledge on computer basics. With respect to the trend set by VTU, the Faculties from various institutions and in house faculties were trained to promote continuous learning.

On the first day i.e., 12th July 2016, Dr.B.K.Raghavendra, professor and head department of computer science took over the FDP and explained about the use of WEKA and JTHON in analysing and preparing data mining applications. The afternoon session had hands on exposure to the tool WEKA and it was very much interactive.

Second day 13th July, Mr.Vadiraj and Mr.Adithya Koundinya, Assistant professors from Jyothy Institute of technology Explained about the basic concepts of data structures with c . Radix sort and File structures being the center of attraction, the class extended the basic concepts of data structures applications. Use of hashing technique to avoid collision and programming the same was handled in the afternoon session.
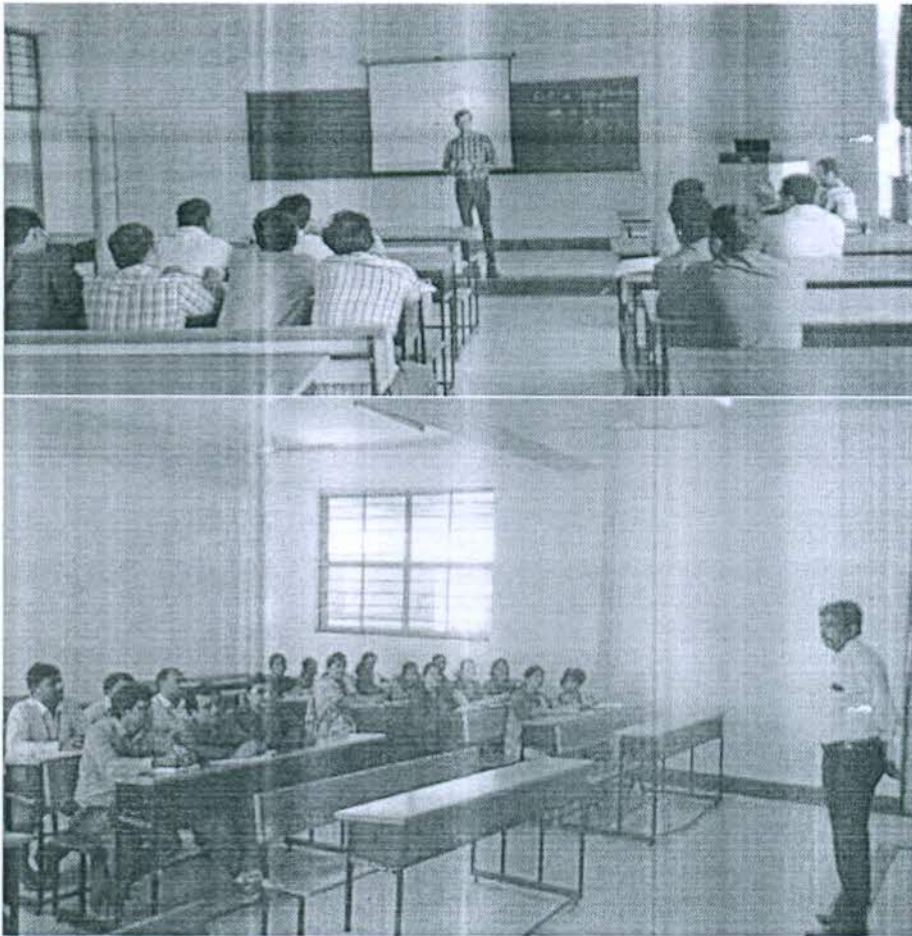
Third day 14th July, Profeesor A.M.Padmareddy, Principal , SVIT, who is also a well known person in the field of data structures, made the addition of polynomial and its coding very easy. The session had explanation about Linked Lists , Dynamic memory allocation, Use of structures in programming. He also expressed how teacher should be dedicated and passionate in his work.

Fourth day 15th July, Dr.Mohan M.S, professor and head department of Information science handled the class and explained "STACKS" &"QUEUES". The importance if data structures with its detailed explanation was taught and afternoon session had hands on exposure to the applications of stacks and queues.

The Last day 16th July, In house faculty members Mr.Govindaraju G.N and Vikram H , Assistant professors ,Department of Computer science took over the hands on classes to explain PYTHON programming language. They made learning really interesting.

The program was ended up with valedictory session and participant's positive feedback.

K S School of Engineering & Management, Bengaluru- 560 109

Department of CSE

Faculty Development Programme

on

Data Structures With C And Phython

Registration Form

Sl.NO	Name of the participants	College Name	Email Id	Phone No	Amount	Sign
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2.	Dr. M.T. Gopalakrishna	KSSEM	Gopalkrishna@kssem.edu	9620281&	500/-	Gopalakrishna
3.	Veena R. S.	KSSEM	Veena.r.s@kssem.edu.in	9980098167	500/-	Veena
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5.	Sandeep H.	KSSEM	Sandeep.h@kssem.edu.in	9742507651	500/-	
6.	Deepak M. D.	KSSEM	deepakmd@kssem.edu.in	9489909646	500/-	
7.	U. Channabasava	KSSEM	channasan11@gmail.com	8095913556	500/-	

No.	Name	College	Email	Phone	Amount	Signature
8.	Vikram H.	KSSEM	Daibatti.vikram@kssem.edu.in	8951449314	500/-	
9.	Santosh Kumar J.	KSSEM	Santosh.kumar.J@KSSEM.edu.in	9035636616	500/-	
10.	Santhosh Kumar S.	KSSEM	Santhoshkumars.cs@gmail.com	9035835491	500/-	
11.	Mamatha R.	KSSEM	mamatha.r@kssem.edu.in	8095666687	500/-	
12.	Kavya Shree B. S.	KSSEM	Kavyashree.bs@kssem.edu.in	8722188758	500/-	
13.	Ambika K. B.	KSSEM	ambika.K.B@kssem.edu.in	7760640780	500/-	
14.	Amitha S.	KSSEM	amitha.s@kssem.edu.in	9481889564	500/-	
15.	Preethi P.	KSSEM	Preethi.P@KSSEM.edu.in	9945684008	500/-	
16.	Ashoka.S.	KSSEM	ashn.ashok@gmail.com	9886833303	500/-	
17.	Kusuma K. V.	KSSEM	kusuma.kv@kssem.edu.in	8762056110	500/-	Kusuma K.V
18.	Megha J.	KSSEM	Meghaj@kssem.edu.in	9901605904	500/-	
19.	Anuja Jana Naik	KSSEM	anuja2188@gmail.com	9886636090	500/-	
20.	Shruthi U.	KSSEM	shruthi.u@kssem.edu.in	9535566815	500/-	
21.	Yamuna Dasar	KSSEM	Yamuna.dasar@kssem.edu.in	9663600772	500/-	

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25.	Devi Naveen	Amcec	devagi.n84@gmail.com	9986899922	500	Devi S.
26.	MANJULA. S	CEC	manjulasleo@gmail.com	8867606989	500	
27.	AKSHITHA KATKERI	CEC	akshukatkeri.b@gmail.com	9880141284	500	
28.	KUSUMA.R	RNSIT	kusuma.815@gmail.com	9916846459	500	Kusuma. R
	DEEPTHI. C.G	CEC	deepthicg87@gmail.com	9739996188	500	Deepthi
	NIRANJAN. R. CHOUGALA	Jyothy IT	nrchougala@gmail.com	9916132205	500/-	
31.	Harsha. S	JIT	harsha@JIT.org	9448188744	500/-	Harsha
32.						
33.						
34.						
35.						
36.						
37.						

C.S

13/7/2016. → Food 39 plates = 39 x 60 = 2340.

14/7/2016 → Food 38 plates = 38 x 60 = 2280

1 Rice Bath = 1 x 30 = 30

1 water Bottle = 1 x 22 = 22

15/7/2016 Food 40 plates = 40 x 80 = 3200

Total. = 7872

19/7/16.

Annapoorna Paka Shala ②
K.S.S.E.M. College Mallasandra
Bengaluru
Ph: 9980473337

KS SCHOOL OF ENGINEERING AND MANAGEMENT

BANGALORE-560062

Attendance for Faculty Development Program
On

DATA STRUCTURES WITH C AND PYTHON

Venue: Aryabhatta Seminar Hall

Date: 12th to 16th July 2016

SI.N	Faculty Name	12/7 (FN)	12/7 (AN)	13/7 (FN)	13/7 (AN)	14/7 (FN)	14/7 (AN)	15/7 (FN)	15/7 (AN)	16/7 FN)	16/7 (AN)
0											
1	Dr.B.K Raghavendra										
2	Dr.M.T.GopalaKrishna										
3	Veena. R.S										
4	Govindaraju.G.N										
5	Sandeep H										
6	Deepak M D										
7	U.Channabasava										
8	Vikram. H										

No.	Name								
9	Santosh Kumar J								
10	Santosh Kumar S								
11	Mamatha.R								
12	Kavya Shree.B.S								
13	Ambica K.B								
14	Amitha.s								
15	Preethi.P								
16	Ashoka.s								
17	Kusuma K V								
18	Megha. J								
19	Anuja jana Naik								
20	Shruthi U								
21	Yamuna Dasar								
22	Gargi. N								
23	Ashwini B								
24	Srikanth.T N								
25	Devi Naveen								
26	Manjula .S								
27	Akshitha katkeri								
28	Kusuma R								
29	Deepthi. C.G								
30	Niranjan.R								

| 31 | Harsha S | HS | HS | HS | HS | HS | HS | HS | HS | HS | HS |

KS SCHOOL OF ENGINEERING AND MANAGEMENT

BANGALORE-560062

Ref:KSSEM/CSE/FDP/2015-16

Date:27/06/2016

CIRCULAR

We are pleased to inform you that the Department of Computer Science & Engineering is organizing half a 5 days FDP on **"DATA STRUCTURES WITH C AND PYTHON"** for the faculty of KSSEM on 12 July 2016 to 16th July 2016 in Aryabhata Seminar Hall. We request all the HODs to depute the faculty members for this FDP.

FDP Coordinator

HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

Resource Persons

The resource persons for the program are experts from academia and industries.

Who can attend?

Faculty Members of all the disciplines of affiliated colleges of VTU, Belgaum who are working on larger data are eligible to attend. The maximum number of participants is limited to 30, on a first come first serve basis.

Registration Fees

There is no Registration fee for the Participants from AICTE approved & VTU affiliated Engineering Colleges.

REGISTRATION

Candidates are requested to send the completed registration form through post/courier or Email before 10th May 2014. The registration form must contain the signature of the sponsoring Authority.

IMPORTANT DATES

Last date for registration - 10th May 2014.
Intimation to selected participants-13th May 2014.

ADDRESS FOR CORRESPONDANCE

Mr. Govindaraju G N

Asst. Professor, Department of CSE,
#15, Mallasandra, Off Kanakapura Road,
Bengaluru-560062 Mob : 9900271471
E-mail:- govindaraju.g.n@kssem.edu.in

CHIEF PATRONS

S. K. Subramanyam Naidu
President, KSGI

Dr. H. Maheshappa
Honorable Vice Chancellor, VTU, Belgaum

ADVISORY COMMITTEE

Dr. S. Ananth Raj
VGST, Bengaluru

Dr. S. N. Sridhara
Principal/Director, KSSEM

Dr. Gopalakrishna V.
Integra Microsystems, Bengaluru

Dr. Rajanikanth K.
Former Principal, MSRIT

Dr. B. K. Raghavendra
Professor & Head, Dept. of CSE, KSSEM

COORDINATOR

Dr. Aswatha Kumar M.
Professor, Dept. of CSE, KSSEM

CO-COORDINATORS

Mrs. Veena R. S.
Assistant Professor, Dept. of CSE

Mr. Govindaraju G. N.
Assistant Professor, Dept. of CSE

For Further Details
Contact : Co- Coordinators

Kammavari Sangham (R) 1952

62 Years 1952 - 2014

KSSEM K. S. GROUP OF INSTITUTIONS

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

VTU-VGST

SPONSORED FACULTY DEVELOPMENT PROGRAMME

on

BIG DATA ANALYTICS & HADOOP

19th to 22nd May 2014

Organised by :

K. S. SCHOOL OF ENGINEERING & MANAGEMENT

Dept. of Computer Science & Engineering

#15, Mallasandra, off Kanakapura Road, Bangalore - 560062.
Ph : 080-2842 5012/013/163 Web : www.kssem.edu.in

VTU-VGST

SPONSORED FACULTY DEVELOPMENT PROGRAMME
On
BIG DATA ANALYTICS AND HADOOP

19th to 22nd May 2014

Name:...

Designation:...

Organization:...

Address:...

....

....

Phone/Mobile:..

Email:..

Place:...

Date:..

Signature of Candidate

Sponsorship

Dr/Mr/Ms...is
an Employee of our college and is deputed to
attend the **VTU-VGST FDP.**

Date:

Signature & seal of the Principal

About The Kammavari Sangham

The Kammavari Sangham, established in the year 1952, is a non-profit oriented voluntary service organization. The organization was created with the objective of providing charitable service to the community and society. The Sangham has diversified its activities since its establishment over five decades.

About The KSSEM

K. S. School of Engineering & Management (KSSEM) was established in 2010, the Kammavari Sangham's latest venture in the field of technical education. The institution was established with an objective of providing higher technical education, and research opportunities to the student community. With a prominent research hub, the college has provided opportunities for the students to pursue their studies in the fields of engineering and management.

KSSEM provides B.E., M.Tech. and MBA courses, and is in the process of establishing research centers in various departments. The Institute provides an opportunity for students to pursue their BE in five different disciplines: Computer Science, Electronics and Communications, Electrical and Electronics, Civil and Mechanical Engineering.

Vision

K. S. School of Engineering & Management will be an outstanding center for learning and development of human resource, contributing to mankind by dedicating professionally excelling engineers and managers and providing solution to industrial problems through research, consultancy and knowledge dissemination.

Mission

To establish Engineering and Management Institute of international repute and serve the society through community development by knowledge dissemination.

About the department of CSE

Department of Computer Science & Engineering (CSE) has been at the forefront of computing since September, 2010. The CSE Department is recognized by AICTE and affiliated to VTU with the current intake of 120. The CSE Department has highly qualified faculty and has excellent state-of-the-art infrastructure in both hardware and software resources. The Department of Computer Science and Engineering is committed to develop the IT leaders of tomorrow. The Department is dedicated to education, research and overall excellence. The Department has started the Master of Technology in "Computer Science & Engineering" in the year 2013.

About the Industry

Tsidkenu Research & Analytics Solutions (TRAS) Pvt. Ltd has laid its footprint in Market Research and Analytics industry in June 2013 and emerging progressively as Global Corporation, Consulting Firm in a wide range of industries. Tsidkenu Research & Analytics Solutions Pvt Ltd is a Centre for advanced research in multi-disciplinary areas of management, development studies, sustainability, environmental protection, economy, medicine/health policy engineering and technology.

Objectives of FDP

- To provide the faculty with theory and hands on experience in Big Data analytics and Hadoop.
-
- To drive the importance of Big data analytics and Hadoop among the faculty fraternity.
-
- To provide the platform to pursue research in the related domain.

Kammavari Sangham (R) 1952

K. S. GROUP OF INSTITUTIONS

K. S. SCHOOL OF ENGINEERING & MANAGEMENT

KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT

62 Years
1952 - 2014
Kammavari Sangham

#15, Mallasandra, off Kanakapura Road, Bangalore.- 62 **Ph** : 080-2842 5012/013/163 **Web** : www.kssem.edu.in

CERTIFICATE

This is to certify that Mr./Ms.: VEENA R S , Assistant Professor

of K.S. School Of Engineering & Management, B'lore ....has participated and successfully completed four days

VTU-VGST Faculty Development Program on BIG DATA ANALYTICS & HADOOP from 19-05-2014 to 22-05-2014 organised by

Department of Computer Science & Engineering, K.S. School of Engineering & Management.

**COORDINATOR
OF THE PROGRAMME**

**PRINCIPAL / DIRECTOR
KSSEM**

**EXECUTIVE SECRETARY
VGST, DEPT. OF IT, BT AND S & T**

**REGISTRAR
VTU, BELGAUM**

A REPORT ON

VTU-VGST SPONSORED Faculty Development Programme on

"BIG DATA ANALYTICS AND HADOOP"

K. S. School of Engineering and Management (KSSEM) convey its sincere thanks to Visvesvaraya Technological University, Belgaum and Vision Group on Science and Technology, Bengaluru for approving the proposal of conduction of faculty development programme on Big Data Analytics and Hadoop.

KSSEM, under the agies of Kammavari Sangham, started in the year 2010. In a span of four years, the Institute has reached few mile stones namely, maintaining the percentage of pass to 70%, placement among eligible candidates to 70%, conduction of workshops on academic related topics during vacations, student development programmes, faculty development programmes, industry interactions in the form of invited talks, hands-on on the recent trends in tools and techniques, industry visits, and industry sponsored projects.

The institute, though young, has also initiated research activities in the form encouraging the faculty to pursue their Ph.D. programme, working with students in industry sponsored projects, submit and present their research outcomes in reputed conferences and journals, submitting and getting funded projects from various agencies such as VTU, Belgaum, DST, New Delhi, NRB, New Delhi, VGST, Bengaluru etc.

As per the advices of VTU and VGST, the Department of Computer Science and Engineering, KSSEM has organized four-day workshop on Big Data Analytics and Hadoop during 19th to 22nd of May 2014. There was an overwhelming response for the call for attending the FDP in spite of frag end of the semester. More than 60 applications were received from all over the state of which 30 participants were selected and confirmation letter were communicated.

The programme was started with Inauguration on 19th May 2014. Dr. Gopalakrishna, Managing Director, Integra Micro Software services Pvt. Ltd was invited as chief guest of the programme and Sri K Subramanyam Naidu, President, Kammavari Sangam was presided over the function. Dr. Aswatha Kumar M, Professor, and coordinator of the programme has welcomed the dignitaries and participants to the programme and highlighted the importance of the FDP on Big Data Analytics and Hadoop. HoDs and faculty members of various departments were present during the programme.

Faculty Development Program on "VTU- VGST SPONSORED FACULTY DEVELOPMENT PROGRAMME -BIG DATA ANALYTICS & HADOOP"

Date: 19-05-2014 to 22-05-2014

The department of CSE had organized a faculty development Programme sponsored by VTU – VGST, on BIG DATA ANALYTICS & HADOOP from 19th to 22nd May 2014. The FDP provided the theory and hands on experience and also the importance of Big Data Analytics and Hadoop among the faculty fraternity.

The sessions were delivered by various resource persons, Dr. V Gopalkrishna, Integra Micro Software services Pvt. Ltd., Dr. Rajanikanth, former Principal, MSRIT. Mr. Manjunath T.N, Associate Professor & ERP-SPOC, Dept of Information Science & Engg., Acharya Institute of Technology, Bengaluru. Dr. K G Srinivasa, Professor and Head, Dept. of CSE, MSRIT, Bengaluru, Dr. Channappa B Akki, Professor, Dept. of CSE, SJBIT, and also . Mr. Venkatesh Babu V, Technical Lead, introduced the importance of Hadoop, its installation, and handling Hadoop tools in view of Big data.

The delegates were taken to Tata Consultancy services (TCS as a part of Industrial Visit. Experts from Industry were interacted with participants and showed the importance of data analytics from industry perspectives. Faculty members of CSE, KSSEM were accompanied during the industrial visit.

The valedictory programme was arranged on the last day of FDP. Dr. S Ananth Raj, Consultant. Dept. of IT, BT & S&T, VGST,B'lore was the chief guest. He addressed the gathering by highlighting the importance of VGST activities and Dr. S N Sridhara, Principal/Director, addressed the gathering by highlighting the importance of faculty development programmes. Sri K Subramanyam Naidu, President, KSGI and KSSEM was presided over the function. Dr. Aswatha Kumar M, coordinator presented summary report of the programmes proposed the vote of thanks. Finally the delegates are provided with the certificates.
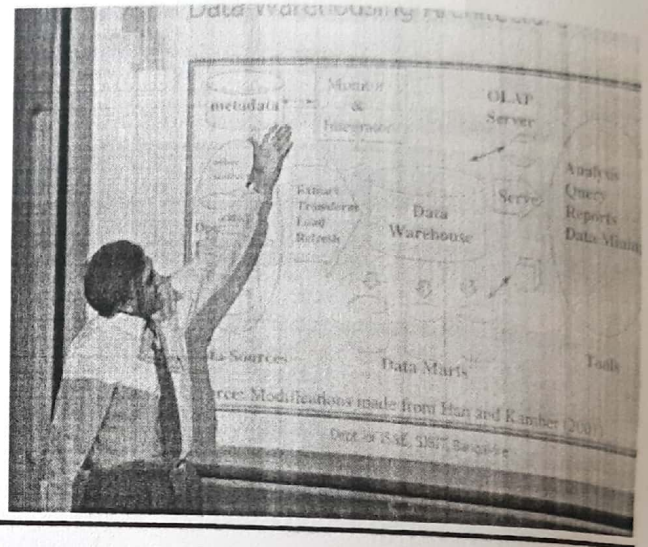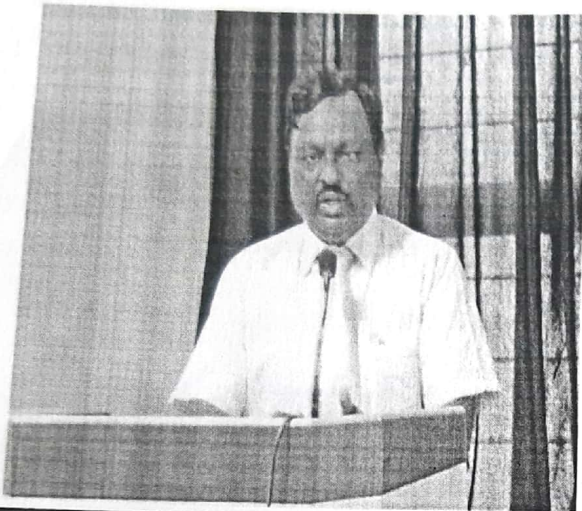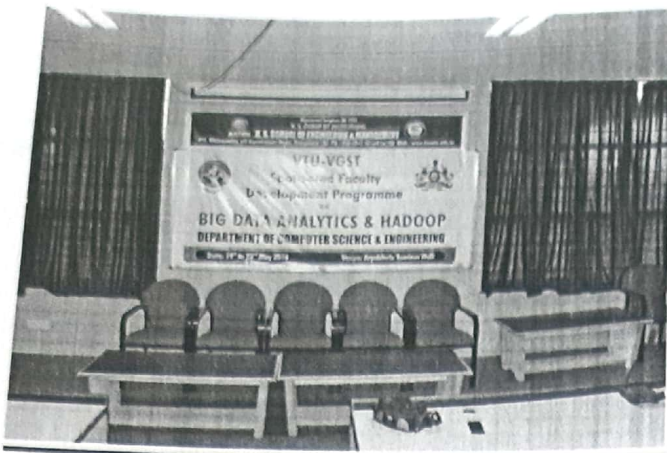
K. S. GROUP OF INSTITUTIONS
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT
(Approved by AICTE & Recognised by VTU)
No. 15/1, Mallasandra, Off. Kanakapura Road, Bengaluru - 560 062

Phone : H. O. : 26678053, 2667
College : 28425012, 28

KSSEM

No. **4586**

Date **31|10|14**

Paid to Sri. D.V. B.K. Raghavendra

The Sum of Rupees One lakh twenty seven thousand nine hundred eighty two only by Cash / Cheque No. Cash

towards the Account of Expenses for conducting V.T.U-V.S.T. F.D.P Sponsored on Big Data analysis & hadoop from 19/5 - 22/5/14.

Rs. **1,27,982/-**

Treasurer / Secretary

Manager

B.K. Rag
Receiver's Signature

Sl. No.	Particulars	Amount Spent
1	a)Travelling allowances for 5 outstation participants	5,000
	b)Transportation charges for 25 local participants @400 for 2 days	10,000
2	Lodging charges for 5 out station participants @ 800 per day(four days)	16,000
	Tea, coffee, Biscuits, Snacks, water bottles etc for 4 days	5,000
3	Travelling allowances, Lodging and Boarding Expenses @3000 for 12 resources persons per day	15,000
4	Honorarium/Training fee to Experts @2000x12 resources per day	3,0000
5	Folders,pens,Workbooks,Stationary,badges,brochures,certificate,resource material for 30 persons + additional 10 persons @200 per persons	10,284
6	Inaguration, validectory function: Banner, invitation, publicity, media, courier, postal, telephone, documentation and coordination expenses.	10,198
7	**Contingency fund**	2,500
8	Local Transport to Industrial visit and coordination	10,000
9	Honorarium to support staff @ Rs. 500 per day for 3 persons for 4 days	6,000
10	Honorarium for the chief coordinator of FDP	8,000
11	Food for 70 members for 3 Days (KS Hostel)	12,600
	Total Amount	1,40,582

Total 1,27,982

B. K. Ragl
HoD

27/8/19

V. NO. 4586.

	Particulars	Amount Spent
	a)Travelling allowances for 5 outstation participants	5,000
	b)Transportation charges for 25 local participants @400 for 2 days	10,000
	Lodging charges for 5 out station participants @ 800 per day(four days)	16,000
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5	Folders,pens,Workbooks,Stationary,badges,brochures,certificate,resource material for 30 persons + additional 10 persons @200 per persons	10,284
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7	Contingency fund	2,500
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10	Honorarium for the chief coordinator of FDP	8,000
11	Food for 70 members for 3 Days (KS Hostel)	12,600
	Total Amount	1,40,582

B. K. Raj

HoD

27/8/14

K. S. SCHOOL OF ENGINEERING & MANAGEMENT
Department of Computer Science & Engineering
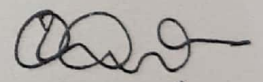
VTU-VGST FDP form 19th May to 22nd May 2014

Submitted: The following is the details of amount spent for the VTU-VGST sponsored FDP on Big Data Analytics and Hadoop.

Total Amount Received from VTU	2,00,000
Total Amount Spent from College	1,78,782
Remaining Amount to VTU (DD)	21,218
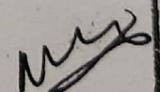
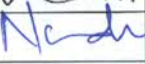|	
Total Amount Spent from College (as per VTU)	1,78,782
Actual Amount Spent from College	1,40,582
Remaining Amount to the College	38,200

B. K. Raj
(HoD)

27/8/14
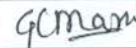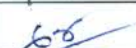
Refund to VTU.

PAYMENT DETAILS	
CHQ/VR No. 065690	Dt.: 18/9/14
AMOUNT Rs. 21,218/-	

SECRETARY   TREASURER

KS School of Engineering and Management
Department of Computer Science & Engineering
"Faculty Development Program"
Registration Form

SL No	Name IN CAPITAL LETTERS	Designation	College Name	E-Mail ID	Mobile No	Address	Signature
1	SUMANTH.V	A.P.	RRIT	sumanth6@gmail.com	98451 84928	RRIT, Bangalore	Sumanth
2	VINAY B.V.	A.P.	RRIT	bvvinay21@gmail.com	81234 76632	RRIT, B'lore	finay
3	HAYAVADAN.G.N	Asst. Prof	RRCE	janmeine-heyap rokliffcon	9448679 692	Dept of MCA RRCE Bengalere	Ho
4	SHIVANANDA CS	A.P	VKIT	Shivananda1986@ymail.com	9480239 45	VKIT, Bangalore	
5	SUNANDA.H.G	A.P	VKIT	sunanda.srinivale@gmail.com	9844230 275	kumbalagudu VKIT B'lore	
6	BHAGYALEKSHMY.P	A.P	H.K.B.K.C.E	bhagyap06@gmail.com	994587389	H.K.B.K.C.E, Bangalore	
7	CHETAN R.	A.P	SJBIT	rchetan@sjbit.edu.in	9481184542	SJBIT, Dept.g1sE,	
8	sunil G.L.	A.P.	ACIT	sunilgl@acharya.ac.in	903545 2240	Acharya Institute of Technology	G.L.sunil
9							
10	SURESH.c	A.P	JVIT	suresh.me16@gmail.com	9844 616343	JVIT, Bidadi	Sumi
11							
12	Nayana B.M.	A.P	JVIT	nayana27bhan@gmail.com	95351506 76	JVIT, Bangalore	
13							
14	CHETHAN.M	A.P	HMSIT	Chethancse@gmail.Com		HMSIT, Tumkur	
15							
16	Kumar.K	A.P	KSIT	writerkumaar.K@gmail.com		KSIT, Bangl	
17	Pradeepkumar.H	A P	KSIT	pradeepkumar.gh@gmail.com	9980469000	KSIT, Bangalore	G.H
18	Ruchi Sharma						
19							
20	RUCHI SHARMA	AP	CEC	ruchi.davv@gmail.com	9611069 728	CEC, B'lore-61	
21	AMBIKA P.R	AP	CEC	ambikatanaj@gmail.com	9945133 228	CEC, B'lore-61	

SL No	Name	Designation	College Name	E-Mail ID	Mobile No	Address	Signature
22	MANJUNATH . R	AP	City Engg Col	manjunath. Rajgopal@gmail	990121 1222	City Engg, col, B'blee -61	
23	Vishwanath V.V.	Asst. Prof.	JIT, Dvg	Vishwanathsvv@mails	9482089221	Badacrm, Davangve	V.V.
24	NANDINI PRASAD.K.S	Assoc. Prof.	Dr. AIT, Blr	nandiniks1@gmail.com	97313-97880	Dr. Ambedkar Inst. of Tech., B'lore	Nandini
25	GEETA C MARA	AP	YDIT, B'lore	g_mara@yahoo.com	9481082 405	YDIT, B'lore	GCmara
26	ASHOK KUMAR P S	AP	YDIT, B'core	ashuks.gr@gmail.com	973943 9361	YDIT, B'lore	
27	Swetha.T.N	A.P	M-S Engcollege			MS Enggcollege	
28	SHRIDHAR ALLAGI	A.P	Jain College Belgaum	shridharallagi1@gmail.com	8951824 -964	Jain College Belgaum	
29	KARTHIK P.S	A.P.	YDIT, B'lor	BSKarthis@gmail.com	9916730 334	YDIT, B'lore	
30	SAJIDA TABASUM.V	A.P	HKBKCE, B'lore	Sajida.tabasum@gmail.com	872251 2322	S.No. 22/1, Nagawara, Blore-45	Sajida
31	Raghavendra s		GCE, Ramngr				
32	prasad M.R	AP	EWIT, Blore.				
33	Anilkumar C.J	AP	AITMS, mysore				
34	Rashmi	AP	@VKIT, B'lore				
35	priyanga p	AP	RCIT, B'lore				

Chintakunta manjunath/AP/ BNMIT, B'lore

Registration Form

VTU-VGST

SPONSORED FACULTY DEVELOPMENT PROGRAMME
On
BIG DATA ANALYTICS AND HADOOP

19th to 22nd May 2014

Name: Nayana B.M.

Designation: Assistant Professor

Organization: Jnana Vikas Institute Technology

Address: #1178, 2th A' main,

M.C layout, vijay nagar,

Bangalore - 40

Phone/Mobile: 95 35 150 676

Email: nayana27bhari@gmail.com

Place: Bidadi

Date: 16/05/14

Signature of Candidate

Sponsorship

Dr/Mr/Ms NAYANA B.M. ....is
an Employee of our college and is deputed to
attend the **VTU-VGST FDP.**

Date: 15/5/14 Signature & Seal of the Principal
PRINCIPAL
Jnanavikas Institute of Technology
Bidadi, Ramanagara District

Registration Form

VTU-VGST

SPONSORED FACULTY DEVELOPMENT PROGRAMME
On
BIG DATA ANALYTICS AND HADOOP

19th to 22nd May 2014

Name: Vishwanath V.K

Designation: Asst. Prof.

Organization: Jain Institute of Technology

Address: # 323, Near Veereshwara Punyashram Avaragere, Bada Cross, Davangye - 577005

Phone/Mobile: 9482069223

Email: Vishwanathrk@gmail.com

Place: Davangye

Date:

_V.K._
Signature of Candidate

Sponsorship

Dr/Mr/Ms......Vishwanath V.K.......is an Employee of our college and is deputed to attend the **VTU-VGST FDP.**

Date: Signature & seal of the Principal

Registration Form

VTU-VGST

SPONSORED FACULTY DEVELOPMENT PROGRAMME
On
BIG DATA ANALYTICS AND HADOOP

19th to 22nd May 2014

Name: AMBIKA P.R

Designation: Asst. Professor

Organization: City Engg. college

Address: Dodda kallasandra
off Kanakapura Road
B'lore - 61

Phone/Mobile: 9945133228

Email: ambikatanaji@gmail.com

Place: Bangalore

Date: 12/5/14

Signature of Candidate

Sponsorship

Dr/Mr/Ms Ambika P.R is
an Employee of our college and is deputed to
attend the **VTU-VGST FDP.**

Date: 12-05-14

Signature & seal of the Principal

City Engineering College
Vasanthapura, Bangalore

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K. S. School of Engineering & Management will be an outstanding center for learning and development of human resource, contributing to mankind by dedicating professionally excelling engineers and managers and providing solution to industrial problems through research, consultancy and knowledge dissemination.

Mission

To establish Engineering and Management Institute of international repute and serve the society through community development by knowledge dissemination.

About the department of CSE

Department of Computer Science & Engineering (CSE) has been at the forefront of computing since September, 2010. The CSE Department is recognized by AICTE and affiliated to VTU with the current intake of 120. The CSE Department has highly qualified faculty and has excellent state-of-the-art infrastructure in both hardware and software resources. The Department of Computer Science and Engineering is committed to develop the IT leaders of tomorrow. The Department is dedicated to education, research and overall excellence. The Department has started the Master of Technology in "Computer Science & Engineering" in the year 2013.

About the Industry

Tsidkenu Research & Analytics Solutions (TRAS) Pvt. Ltd has laid its footprint in Market Research and Analytics industry in June 2013 and emerging progressively as Global Corporation, Consulting Firm in a wide range of industries. Tsidkenu Research & Analytics Solutions Pvt Ltd is a Centre for advanced research in multi-disciplinary areas of management, development studies, sustainability, environmental protection, economy, medicine/health policy engineering and technology.

Objectives of FDP

- To provide the faculty with theory and hands on experience in Big Data analytics and Hadoop.
-
- To drive the importance of Big data analytics and Hadoop among the faculty fraternity.
-
- To provide the platform to pursue research in the related domain.

K.S. School of Engineering and Management

Bangalore – 560062
Department of Computer Science and Engineering
VTU-VGST Sponsored FDP on Big Data Analytics and Hadoop

Feedback form

1. Content of the program — ☑ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory

2. Usefulness of the Program — ☑ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory

3. Presentation of the Program — ☑ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory

4. The facilitators of the Program — ☑ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory

5. Experience of Industry visit — ☐ Very Good ☐ Good ☑ Satisfactory ☐ Not Satisfactory

6. Hands on of Hadoop — ☐ Very Good ☐ Good ☑ Satisfactory ☐ Not Satisfactory

7. Do you feel this type of the programs to be organize in future   YES/NO

8. In case, in future if such program organised would you like to participate   YES/NO

9. Comments (Please indicate the strength and weakness of the program)

Please conduct more such programs so It will be to helpful for us.

K.S. School of Engineering and Management

Bangalore – 560062

Department of Computer Science and Engineering

VTU-VGST Sponsored FDP on Big Data Analytics and Hadoop

Feedback form

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6. Hands on of Hadoop ☐ Very Good ☑ Good ☐ Satisfactory ☐ Not Satisfactory

7. Do you feel this type of the programs to be organize in future   YES/NO

8. In case, in future if such program organised would you like to participate   YES/NO

9. Comments (Please indicate the strength and weakness of the program)

Program introduced the new technology in a effective way. where a Participate can really we it. More time can be given to Hands in Semion.

K.S. School of Engineering and Management

Bangalore – 560062

Department of Computer Science and Engineering

VTU-VGST Sponsored FDP on Big Data Analytics and Hadoop

<u>Feedback form</u>

1. Content of the program   ☑ Very Good   ☐ Good   ☐ Satisfactory   ☐ Not Satisfactory

2. Usefulness of the Program   ☑ Very Good   ☐ Good   ☐ Satisfactory   ☐ Not Satisfactory

3. Presentation of the Program   ☑ Very Good   ☐ Good   ☐ Satisfactory   ☐ Not Satisfactory

4. The facilitators of the Program   ☑ Very Good   ☐ Good   ☐ Satisfactory   ☐ Not Satisfactory

5. Experience of Industry visit   ☐ Very Good   ☑ Good   ☐ Satisfactory   ☐ Not Satisfactory

6. Hands on of Hadoop   ☐ Very Good   ☑ Good   ☐ Satisfactory   ☐ Not Satisfactory

7. Do you feel this type of the programs to be organize in future   ✓YES/NO

8. In case, in future if such program organised would you like to participate   ✓YES/NO

9. Comments (Please indicate the strength and weakness of the program)

Program introduced the new technology in a effective way.
where a Participate can really use it. More time can be
given to Hands in session.

K S School of Engineering and Management – 560109
CALL FOR PARTICIPATION

FDP on BIG DATA ANALYTICS & HADOOP
Organized by Department of CSE sponsored by VTU- VGST
19-May-2014 to 22-May-2014

Department of Computer Science and Engineering will organize a Faculty Development Programme on "**BIG DATA ANALYTICS & HADOOP**" from **19 May 2014 to 22 May 2014** (Five Days) under VTU_VGST.

Following topics shall be covered in the FDP:

Introduction to Big data
Basics of Big data and Hadoop and Hadoop tools
Hands-on Basics of Pig ,Hive, Sqoop ,Flume ,all Hadoop eco system components.

Faculty members from technical institutions/universities/management institutions/other educational institutions and research scholars shall be eligible to participate.

Following shall be the Registration Fee:

Faculty/Students from KSSEM: Nil
Faculty from Various Institutions: NIL
Persons from Industry: NIL
PG Students/Research Scholars: NIL

Address for Communication:
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HoD CSE KSSEM
Hod.cse@kssem.edu.in
Department of Computer Science and Engineering
Contact No: 9035636616

Prof. Sandeep H
Contact no: 9742507651

HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062,

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NCCT - 16

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64 Years 1952-2016

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2nd NATIONAL CONFERENCE
ON
ADVANCES IN COMPUTING TECHNOLOGY

NCCT - 16

Tuesday, 26th April 2016

Last Date for Paper Submission : 10th April 2016

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Sri. K. Venkatesh Naidu
Secretary, K S Group of Institutions

Sri. D. Rukmangada
Treasurer, K S Group of Institutions

CONVENER

Dr. S. N. Sridhara
Principal / Director, KSSEM, Bengaluru

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(Evaluation) VTU, Belagavi

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Sapthagiri College of Engg., Bengaluru

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Assistant Professor, CSE, KSSEM
Mob : 09900271471

Email: ncct16@kssem.edu.in Website : www.kssem.edu.in/ncct2016-cse

INSTITUTIONAL PROFILE

K.S. School of Engineering and Management (KSSEM) was established in 2010 by KammavariSangham (R) with the objective of providing quality education in Engineering and Management. KSSEM offers B.E. in Civil, Computer Science, Electronics and Communication, Electrical and Electronics and Mechanical Engineering in addition to MBA. PG Programmes are also offered in Civil, Computer Science, Electronics and Communication and Mechanical Engineering. All the courses are affiliated to VTU, Belagavi, and approved by AICTE, New Delhi. Within a short period from inception, KSSEM has been recognized as one of the good institutes offering Engineering and Management courses in Bengaluru. The overall growth is emphasized in all actions of KSSEM and programmes have been incorporated to inculcate humanity and leadership qualities in students. Our students have participated in many University and State Level Sports and Cultural events and have won many prizes. The alumni of KSSEM have occupied chairs in good corporate and industries. KSSEM encourages research in every field of studies. It has published about 360 research Papers in leading Journals and Conference Proceedings and has bagged research fund of worth Rs. 60 lakh within the short period of four years of its inception. In continuation of the spirit of encouragement of research in various fields, KSSEM has organized a chain of National Conferences on all Science, Engineering, Library Science and Physical Education streams.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was started in the year 2010 with an approved intake of 60 and has been increased to 120 from the academic year 2012-13. The department has also started M.Tech Course in Computer Science & Engineering from the academic year 2013-14 with an intake of 18. The department has well qualified faculty members with rich experience and most of them are pursuing their Ph.D. The department has excellent state of the art infrastructure in both Hardware and Software Resources. The department is committed to develop the IT leaders of tomorrow. The department is dedicated to education, research & overall excellence.

CALL FOR PAPERS

- The conference aims at covering a broad spectrum of topics including (but not limited to) the following :
    - Image Processing
    - Data Mining
    - Embedded Computing Systems
    - Parallel Programming
    - Multimedia Communications
    - Security in Computing & Communication
    - Computer Networks
    - Cloud Computing
    - Artificial Intelligent Systems
    - Big Data Analytics
    - Soft Computing
    - Ethics in Computing

OBJECTIVES OF THE NCCT - 16

The mission of NCCT is to provide an outlet for quality research to be published to a global audience. The Conference offers a forum to bring Researchers, Academicians and Industrialists on to a common platform. The conference aims to highlight the recent advances in Computer Science and Engineering and also to promote educational activities and exchange of information towards the advancement of Theory and Practice of Computer Science and other related topics for the service of mankind and welfare of society. The Last Conference NCCT-15 was a great success with 120+ Quality research papers delivered to the audience.

PAPER SUBMISSION

Authors are invited to submit full-length papers limited to six pages as per given format and send the same to ncct16@kssem.edu.in

The format can be downloaded at www.kssem.edu.in/ncct2016-cse

CONFERENCE PROCEEDINGS

All submitted papers will be peer reviewed and accepted papers will be published with ISBN Number in the Conference Proceedings.

REGISTRATION PROCESS

Last Date for Submission of Papers:	10/04/2016
Paper Acceptance Notification:	15/04/2016
Submission of Camera Ready Copy with Registration Form:	18/04/2016
Conference Date:	26/4/2016
Papers to be sent in given format to:	ncct16@kssem.edu.in

REGISTRATION PROCESS

Registration form for the conference can be downloaded at www.kssem.edu.in/ncct2016-cse. The filled & scanned registration form, along with soft copy of the paper should be sent to E-mail: ncct16@kssem.edu.in or online registration can be made. The DD along with a copy of the registration form should be sent to the institution address.

Category	Fee *
UG Students	Rs. 500/-
PG Students / Faculty / Ph. D. Scholars	Rs. 750/-
Industry Professionals	Rs. 750/-

* Registration fee includes conference kit, book of abstract, lunch and Proceedings.
For online registration log on to: www.bit.ly/NCCT16.
Registration payment must be made through Demand draft in favor of "K.S School of Engineering and Management, Bengaluru".

Note : Best Paper Awardee in Each Session will be Rewarded

ALL CORRESPONDENCES TO BE ADDRESSED TO

K. S. SCHOOL OF ENGINEERING & MANAGEMENT

No. 15, Mallasandra, off Kanakapura Road, Bengaluru – 560 109
Mob : 09980098167, 09900271471
ncct16@kssem.edu.in

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2nd NATIONAL CONFERENCE
ON
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COMPUTING TECHNOLOGY
NCCT - 16

Tuesday, 26th April 2016

To.

Organized by :

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
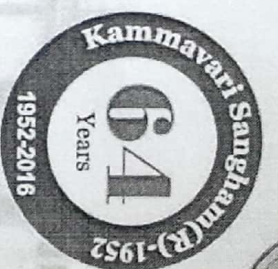# K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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Department of Computer Science & Engineering

NCCT - 16

26th April 2016

This is to certify that ....Mrs...Amitha..S..................................... of

.... K.SS.E.M .... has

Published / Presented a paper entitled ..Efficient...way..to..conserve..Energy..using

...Sink..node..Mobility...for..Big..Data..using..densely..distributed....wsn

in the National Conference on Advances in Computing Technology held on 26th April 2016.

B. K. Ragl
Dr. B.K. Raghavendra
Chief Co-ordinator

Dr. M.T. Gopalakrishna
Co-ordinator

Dr. S.N. Sridhara
Convener

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NCCT - 16
26th April 2016

Department of Computer Science & Engineering

This is to certify that ..Mr. Sandeep.H.. of
...............................KSSEM.. has
Published / Presented a paper entitled ..Design.Of.a.New.Security.primitive.Model
..Based....On...Hard...Artificial...intelligence...using.Capscha..as.Graphical..password
in the National Conference on Advances in Computing Technology held on 26th April 2016.

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Gopalakrishna
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2ⁿᵈ NATIONAL CONFERENCE ON ADVANCES IN COMPUTING TECHNOLOGY

NCCT - 16

26ᵗʰ April 2016

Department of Computer Science & Engineering

This is to certify that Dr. M.T. Gopalakrishna .... of

.... K.S.S.E.M .... has

Published / Presented a paper entitled A Secure Data Sharing Anti collusion

.... Scheme in cloud for Dynamic Groups

in the National Conference on Advances in Computing Technology held on 26th April 2016.

B.K. Ragh
Dr. B.K. Raghavendra
Chief Co-ordinator

Dr. M.T. Gopalakrishna
Co-ordinator

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Convener

Kammavari SanghamⓇ-1952

64 Years

1952-2016.

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PROCEEDINGS

2ⁿᵈ National Conference on Advances In Computing Technology (NCCT 2016)

April 26,2016

Department of Computer Science and Engineering

EDITORS
Dr. B. K. Raghavendra, Dr. M.T. Gopalakrishna,
Veena R. S., Govindaraju G. N.,
Yamuna Dasar, Gargi N., Ambika K B

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BOOK OF ABSTRACTS

2nd NATIONAL CONFERENCE ON ADVANCES IN COMPUTING TECHNOLOGY (NCCT 2016)

April 26, 2016

Department of Computer Science and Engineering

EDITORS

Dr. B. K. Raghavendra,   Dr. M.T. Gopalakrishna,
Veena R. S., Govindaraju G. N.,
Yamuna Dasar, Gargi N. Ambika K B

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CO-ORDINATORS
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PREFACE

National conference on "Advances in Computing Technology" aims to provide an outlet for quality research to a global audience. "NCCT 2016" is being organized by the department of computer science and engineering of K.S.School of Engineering and Management, Bengaluru. The conference offers a forum to bring researchers, academicians, and industrialist on to a common platform. "NCCT 2016" offers a great opportunity to share innovative ideas and explore the recent development in the field of computer science and aims to promote the educational activities towards the advancements of theory and practice computer science and other related topics for the service of mankind and welfare of society. "NCCT 2016" covers abroad spectrum of topics including Image Processing, Big data Analytics, Computer Networks, Multi Media Communication, Data Mining, Cloud Computing, Soft Computing, Embedded Computing System, Security in Computing and Communication , Artificial Intelligence System, Parallel Programming and Ethics in Computing.

This Publication Complements the Main Conference Proceedings.

CONTENTS

K. S. School of Engineering & Management

Registration Form for FDP on "**Aspects of Effective Programming and Research"** for teachers on 16-18 January 2019.

Name: …….....……………………………

Designation: ……...…………………….…

Organization: ….………………………….

Mobile No: …..….……………….…

E-mail: …..…………………….…

Signature of the   Seal & Signature of
Candidate   Principal/Employer

Send the filled, signed and scanned registration form to
hod.cse@kssem.edu.in

Please note that registrations will start by 8:45 A.M followed by session.

Venue: Aryabhata Seminar Hall, KSEEM, Bengaluru.

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Sri. K. Venkatesh Naidu, Secretary,

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Dr. K.V.A. Balaji, CEO**,**

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SPEAKER
Dr Ram P Rustagi and Dr Joy Prabhakaran, Key Resource persons, KSGI.

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**FDP
on
"Aspects of Effective Programming and Research"**

for Teachers

Jan 16-18,

2019

Organised By

Department of Computer Science and Engineering, KSSEM Bengaluru.

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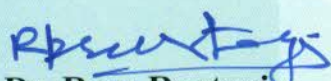
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IEEE

Certificate of Participation

This is to certify that.............. Ashoka .S ....

of............ CSE Dept, K.S. School Of Engineering And Management ....

has actively participated in FDP on *"Aspects of Effective Programming and Research"* from 16th to 18th January 2019 organised by K.S. Group of Institutions in association with KSIT IEEE SB.

Dr. Ram Rustogi
Key Resource Person
K.S. Group of Institutions

Dr. P. Joy Prabhakaran
Key Resource Person
K.S. Group of Institutions

Dr. K.V.A Balaji
C.E.O
K.S. Group of Institutions

K S School of Engineering and Management, Bengaluru

ASPECTS OF EFFECTIVE PROGRAMMING AND RESEARCH

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31	Nithya Kumari	kumari.r5@gmail.com

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BENGALURU-560109

Date:10/1/2019

CIRCULAR

We are pleased to inform you that the Department of Computer Science & Engineering is organizing an FDP on "**Aspects of Effective Programming and Research**" for the faculty of KSSEM and KSIT from 16th to 18th January 2019 in Aryabhata Seminar Hall.

FDP Coordinator

HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

Report on Aspects of Effective Programming & Research

Department of CSE conducted Faculty Development Program (FDP) on **"Aspects of Effective Programming & Research"** organized by KSIT & KSSEM in association with IEEE Bengaluru, section on 16th to18th January 2019 at KSSEM Bengaluru. The resource persons were **Prof. Ram Rustagi and Prof. P Joy Prabhakaran.** The workshop aims to provide a short refresher course on programming for problem solving & application development, along with an overview of Web Security and Machine Learning.

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

3days FDP on
Aspects of Effective Programming and Research 16th-18th Jan 2019
Feedback Form

Answer to the following statements by using tick mark in appropriate column.

SL. No	Criteria	Satisfactory	Good	Very Good	Excellent
1	Facilitator Stimulated my interest in subject				✓
2	Facilitator demonstrated in depth knowledge of topics.			✓	
3	The Facilitator encouraged discussions and responded to questions.				
3	The facilitator challenged faculty to do best work.			✓	
4	Materials provided were helpful and easy to understand	✓			
5	Hands on session improved my practical knowledge towards the subject.				
6	Arrangements for workshop were good.				✓
7	Duration of workshop was appropriate			✓	
8	Any other general feedback	Over all workshop is good. It Should be more hands - on.			

Signature

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

3days FDP on
Aspects of Effective Programming and Research 16th-18th Jan 2019
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Answer to the following statements by using tick mark in appropriate column.

SL. No	Criteria	Satisfactory	Good	Very Good	Excellent
1	Facilitator Stimulated my interest in subject		✓		
2	Facilitator demonstrated in depth knowledge of topics.		✓		
3	The Facilitator encouraged discussions and responded to questions.			✓	
3	The facilitator challenged faculty to do best work.				✓
4	Materials provided were helpful and easy to understand				✓
5	Hands on session improved my practical knowledge towards the subject.		✓		
6	Arrangements for workshop were good.			✓	
7	Duration of workshop was appropriate			✓	
8	Any other general feedback	Should have been More clear while communicating. It was good.			

Signature

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Aspects of Effective Programming and Research 16th-18th Jan 2019
Feedback Analysis

SL.NO	Criteria	Satisfactory	Good	Very Good	Excellent
1	Facilitator Stimulated my interest in subject	1	12	17	10
2	Facilitator demonstrated in depth knowledge of topics.	3	10	14	13
3	The Facilitator encouraged discussions and responded to questions.	2	4	16	18
4	The facilitator challenged faculty to do best work.	3	8	20	9
5	Materials provided were helpful and easy to understand	2	12	10	16
6	Hands on session improved my practical knowledge towards the subject.	5	7	15	13
7	Arrangements for workshop were good.	1	5	14	20
8	Duration of workshop was appropriate	3	13	8	16
9	Any other general feedback	1.FDP was informative.			
		2.More time wold have been given for practial knowledge.			

Department of Computer Science & Engineering
K.S.School of Engineering & Management
Bengaluru-560 109

Series1
Series2
Series3
Series4

Facilitator Stimulated my...
Facilitator demonstrated in...
The Facilitator encouraged...
The facilitator challenged...
Materials provided were...
Hands on session improved...
Arrangements for...
Duration of workshop was...
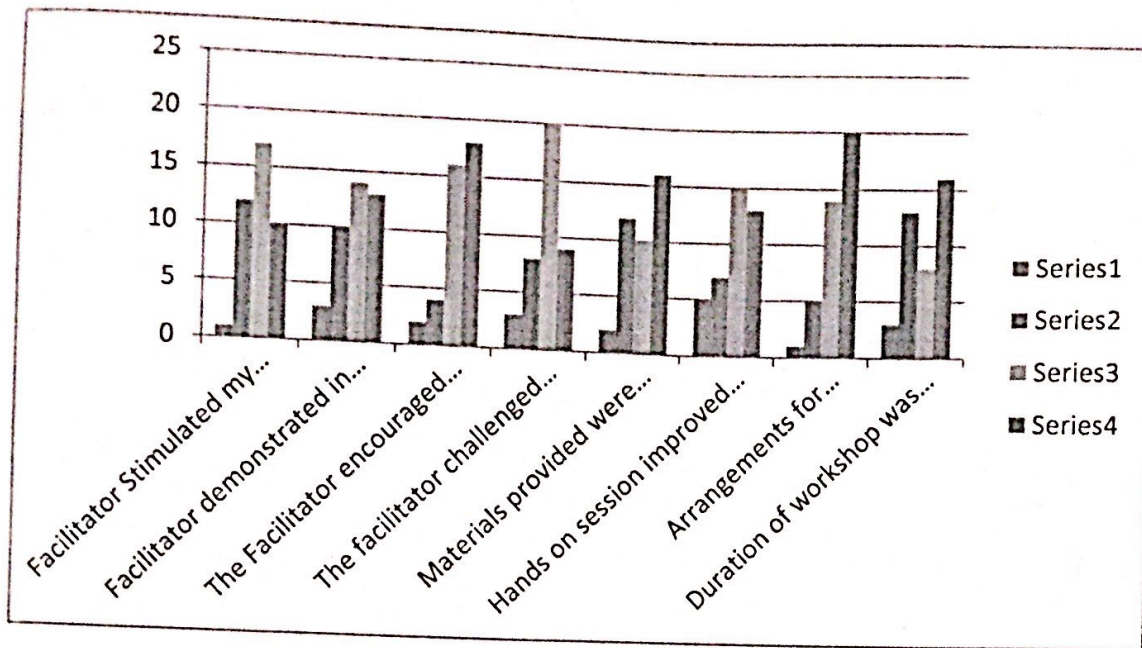
Department of Computer Science & Engineering
K.S.School of Engineering & Management
Bengaluru-560 109

Who should attend?

As this workshop is not subject-specific, teaching faculty from all domains (engineering, sciences, commerce, art, management, medicine, law, etc.) and also from polytechnic colleges and schools, can attend. Teachers registered in a Masters or a PhD programme, during their employment as a teacher, can also participate.

Criteria for issuing Certificates

E-certificate will be provided to the participants after successful completion of the workshop and filling up the feedback form.

Duration and Venue

The workshop will be conducted on **Friday, 15 March 2019 from 9.30 AM to 6.00 PM** at 106 Remote Centres of IIT Bombay. This workshop will be conducted through a blended mode, using both live video conferencing facility (A-VIEW) and hands-on sessions using Spoken Tutorials. A detailed workshop schedule will be available soon.

How to apply?

Enrollment will be strictly online, and no other mode of application will be entertained. **The last date of registration is 14 March 2019, 12.30 pm.** The URL for registration is: http://www.it.iitb.ac.in/nmeict/announcements.html

Register on the Spoken Tutorial Website:

1. Before the workshop, participants should register on https://spoken-tutorial.org/
2. Fill up the registration form and submit.
3. An email will be received.
4. The account should be activated by clicking the link in the email.
5. The Username and Password should be noted. This is an extremely important step. One needs this information to post questions on the forum, which will be explained at the time of the workshop.

Note

- Neither IIT Bombay nor the Remote Centre will bear the travel expense of the participating representatives. There shall also be no accommodation provided to the participants.
- All participants are required to bring **ear phones**, as they will have to listen to video tutorials. Without ear phones, the workshop will not at all be effective.
- As this workshop is mainly hands-on, it is **mandatory** for all System Administrators to bring a **laptop** and **ear phone** when they come to the workshop. System administrators will be required to install Moodle software on their machines during the workshop.
- All system administrators will also be required to download the Moodle software before they come to the workshop. Instructions for this will be mailed separately.

Address for communication

Dr. Kalpana Kannan
Project Coordinator, ESOS Project
Department of CSE, Kanwal Rekhi Building,
Indian Institute of Technology Bombay,
Mumbai - 400 076
Tel.: +91-22-2576 4989
Fax: +91-22-2572 0022
Email: eoutreach@it.iitb.ac.in

One day Workshop

Under
'Pandit Madan Mohan Malaviya
National Mission on Teachers and Teaching
(PMMMNMTT)',
MHRD, Govt. of India

on

Moodle Learning Management System

15 March 2019

Conducted by the
Teaching Learning Centre (ICT)
at
IIT Bombay

Course Coordinator

Prof. Kannan Moudgalya
Department of Chemical Engineering
Indian Institute of Technology Bombay
Powai, Mumbai 400076

Introduction

IIT Bombay has conducted many large-scale teacher training workshops under the Train 10,000 Teachers (T10KT) programme, sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India, and trained over 2,00,000 teachers.

Another successful technology developed at IIT Bombay is Spoken Tutorial, using which about 50 lakh students have been trained on various ICT topics. The effectiveness of this method can be seen from the testimonials available here: https://spoken-tutorial.org/testimonials/media/?foss=70. The Spoken Tutorial project is also implemented successfully at IIT Bombay, with funding from NMEICT, MHRD.

It is now proposed to offer the highly effective Spoken Tutorial based ICT training to a large number of teachers, across the country, through the T10KT methodology, with **Moodle** training being taken up next. Moodle is a popular Free/Libre and Open Source 'Learning Management System' (LMS). Moodle is extremely useful to teachers to organise their course, interact with students through forums, organise quiz, do the grading, etc. It is very useful to teachers at all levels: from schools to colleges. It is also available free of cost.

The Moodle workshop is organised by the Teaching Learning Centre (ICT) at IIT Bombay, under the scheme of the 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), MHRD, Govt. of India. As Spoken Tutorial method offers hands on practice, with 100% active learning, teachers who undergo this training will be able to start using Moodle immediately after the workshop.

The one day Moodle workshop will be conducted on **Friday, 15 March 2019**, through 106 Remote Centres of T10KT.

This training will be provided to two kinds of participants:

I.   **Teachers**: They will be given training on how to use Moodle and to create and deliver courses online to their students. More details of this are given in the topic list.

II.   **System administrators**: They will be given training on Moodle installation, and how to configure and set-up Moodle.

Methodology of the Workshop

It will be a one day workshop, on 15 March 2019. All participants will have to go to their chosen Remote Centre. They will learn Moodle through Spoken Tutorials, with help from Coordinators, already trained for this purpose at IIT Bombay. As the learning will happen only through carefully designed Spoken Tutorials at IIT Bombay, the quality of learning will be very high. All the participants, from all the Remote Centres, will be able to interact with the Moodle team at IIT Bombay, ask them questions, etc., through the video conferencing software A-VIEW. There will be about 4 hours available for Moodle training and 2 hours for interactions.

Teaching faculty:

Prof. Kannan Moudgalya, Principal Investigator, TLC (ICT), and Spoken Tutorial projects, IIT Bombay

Ms. Nancy Varkey, Spoken Tutorial Project, IIT Bombay

Ms. Nirmala Venkat, Spoken Tutorial Project, IIT Bombay

Course content

Moodle is a learning management system (LMS in short) which helps teachers and educators create online courses for adaptive and customized learning. Developed in 2002, it is a free/libre and open source software and is being used by many small and large institutions to create and deliver courses online to their students.

Moodle has many built-in features ranging from the basics such as file upload, assignments, quizzes, notifications and advanced features such as forums, quizzes, wiki, etc. that can be used by learners. It also has many easy-to-install plug-ins such as attendance, reminders, analytics, etc., to supplement these features.

Following topics will be covered for **System Administrators** in this workshop:
- Getting ready for Moodle Installation
- Installing Moodle on Local Server
- Admin Dashboard
- Blocks in Admin Dashboard
- Categories in Moodle
- Courses in Moodle
- Users in Moodle
- User Roles in Moodle

Following topics will be covered for **Teachers** in this workshop:
- Teachers Dashboard in Moodle
- Course Administration in Moodle
- Formatting Course material in Moodle
- Uploading and Editing resources in Moodle
- Forums and Assignments in Moodle
- Question bank in Moodle
- Quiz in Moodle
- Enroll Students and Communicate in Moodle

Please note that the medium of instruction for this workshop is English. Language dubbed Spoken Tutorials in Hindi and a few other languages will also be available.

Course Fee

Every participant (both Teachers and the System Administrators) has to pay Rs. 100 as the course fee to IIT Bombay at the time of online registration. On the day of the workshop, i.e., on 15 March 2019, they have to pay Rs. 400 to the Remote Centre that they would be attending, to defray the cost of organising the workshop, lunch, and coffee/tea.

Please note that the registration fee once paid is neither refundable nor adjustable under any circumstances.

Certificate of Participation

Spoken Tutorial

This is to certify that *Santosh Jankatti*
from *KS School Of Engineering and Management, Bangalore*

attended the Coordinators' Workshop on the
'Moodle Learning Management System' held at
Indian Institute of Technology Bombay, on 1 March 2019.

This training was organised by the
Teaching Learning Centre (ICT) at IIT Bombay, funded by the
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
(PMMMNMTT), MHRD, Govt. of India.

Prof. Kannan Moudgalya
Principal Investigator
TLC (ICT), PMMMNMTT

b3266

This training is made possible with help from Spoken Tutorial and FOSSEE Projects, at IIT Bombay. These projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

To verify, scan the QR code
or visit https://spoken-tutorial.org/certificate/verify

K. S. School of Engineering and Management

A Report on one day workshop on

Moodle Learning Management System on 15 March 2019.

In association with the Department of Computer Science and Engineering , KSSEM conducted One day workshop on "**Moodle Learning Management System**" **In Association with Indian Institute of Technology Bombay, Mumbai** Under 'National Virtual Library of India'(NVLI), funded by the Ministry of Culture, Government of India **on on 15 March 2019** from 9.30 AM to 6.00 PM

ABOUT THE WORKSHOP:

Learning Objectives:

- The concept of Learning Management Systems (LMS in short)
- Moodle as an LMS
- Who can use Moodle
- Examples of Moodle websites
- Software and hardware requirements for running Moodle
- Key features that will be demonstrated in the Moodle series
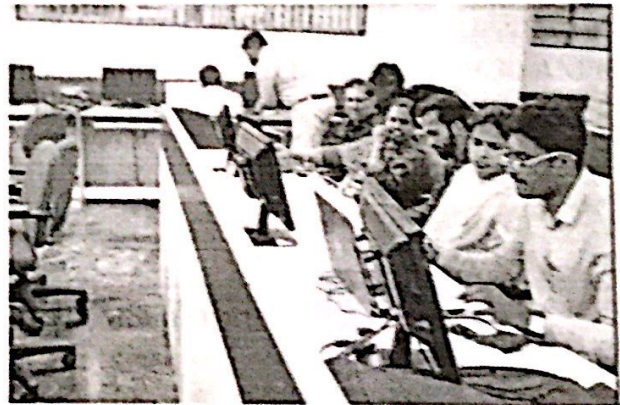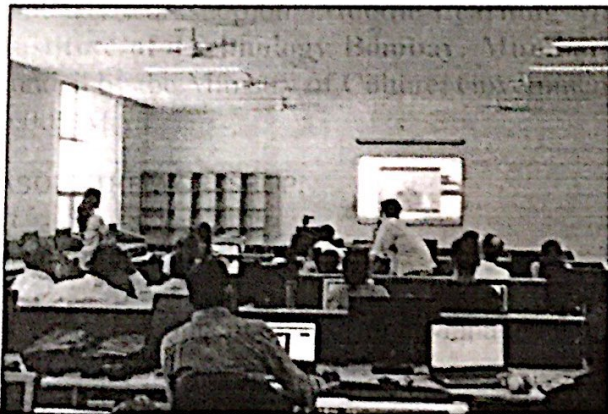
Fig. Inauguration session by Prof. Kannan Moudgalya and participants hands on practice

Learning Management System
An LMS helps us to create, manage and deliver any eLearning content
For example:
- Educational courses
- Training programmers

It helps us to manage our courses
We can
- Create and edit content
- Give access to students
- Grade their submissions

Attendance Sheet for Date : 2019-03-15
One day Workshop on Moodle Learning Management System
March 15th, 2019 to March 15th, 2019
Under the National Mission on Education through ICT, MHRD, New Delhi
1472 - K S School Of Engineering & Management, Bangalore, Bangalore

S No	Participant ID	Name	Session 1	Session 2	Session 3	Session 4
	Participant		Signature			
1	194654	Rajesh Tr				
2	194699	Lokesh M				
3	194755	Shivashankara				
4	195176	Hariyapuraju Ravi Sankar				
5	195524	Phaneendra Reddy Kesapuram				
6	195761	Mohan M				
7	196005	Babu Kamrath K				
8	196097	Rajiv P				
9	196178	K Ezhilarasan				
10	196380	Chitharanjan Das V				
11	196398	Rajithkumar B K				
12	196540	Vyasaraj T				
13	196655	Sudir P				
14	196826	Prakash Kuravatti				
15	197138	Sajitha N				
16	197220	Rajeshwari Hulyal				
17	197320	Praveen Ause				
18	197522	S. Kalusivalingam				
19	197568	Trupti Dandekarhumnekar				
20	197636	Rohith S				
21	197773	Srivathsa H U				
22	197889	Raghunandan B H				

2019-03-15

VIs6Isz3iA

23	197921	Goverdhan Satish K V				
24	198007	S S Mani				
25	198041	Aruna Ekanath				
26	198118	Praveen Kumar M				
27	198248	Kavitha				
28	198252	Tejashwini V				
29	198153	Soreparna Chakrabarti				

2019-03-15

VIs6Isz3iA

15 February 2019

Dear Remote Centre Coordinator,

Greetings from IIT Bombay!

We are glad to announce that we are in the process of organising a one day workshop for **Teachers and System administrator** for the project **'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMNMTT), funded by the Ministry of Human Resource Development, Government of India,** which I am leading..

Details of this programme are given below:

Coordinators' Workshop (1 day): Friday, 1 March 2019 in IIT Bombay

Main Workshop (1 day): Friday, 15 March 2019 at various participating remote centres

How the main workshop will be conducted:

It will be a one day workshop, on **15 March 2019**. There will be interactions through A-VIEW at the beginning. After that, all participants at your remote centre will learn Moodle, using your computers, at a location in your RC. In the evening, we shall connect through A-VIEW again, carry out discussions and end the programme. There will be about 4 hours available for Moodle training and 2 hours for interactions, a detailed schedule of which will be sent later to you. The participants of the main workshop will pay Rs. 100 as a course fee to IIT Bombay, and Rs. 400 to the RC directly, from which, you will have to provide lunch and tea/snacks. The balance amount can be kept as a partial compensation for the use of your infrastructure.

IIT Bombay will pay Rs. 2,000 as an honorarium to the following people, from each participating remote centre:

(1) RCC (2) Teacher who is the course coordinator (3) Computer systems person, who will help with your computers. In this way, each participating RC will receive a total of Rs. 6,000 from IIT Bombay.

Coordinators' workshop:

If you want to offer your RC for this course, you will have to send two of your representatives i.e. a **Teacher** and **a system administrator,** to IIT Bombay for the Coordinators' Workshop. We will provide free accommodation, lunch and refreshments to these representatives from your institution. There will also be a certificate of participation. We will NOT pay their travel expense, however. You will have to bear it. In addition, there is a nominal **course registration fee of Rs. 200** from each of your two representatives.

Procedure to participate in the Coordinators' Workshop:

If you are likely to participate in this workshop, please login to the website (https://www.it.iitb.ac.in/nmeict/) using your RCC email id credentials and express your willingness by filling the seating capacity **before 5 pm by Tuesday, 19 February 2019.** Please also send an email to eoutreach@cse.iitb.ac.in with the names, email addresses, and phone numbers of the two representatives (Teacher and System Administrator) that you will be nominating.

Please also ask your Teacher and System Administrator to register on our website between **20 February and 28 February 2019.** The registration website is here:
https://www.it.iitb.ac.in/nmeict

We look forward to your enthusiastic participation in this initiative.

Regards,

[signature]

Prof. Kannan Moudgalya
PI, National Virtual Library of India

HOD (CSE)

Please identify the people who should take part in this program

[signature] 27/2

Mr Santosh Kumar J. Assoc. Professor & Mr. Ananda, Programmer from CSE department have been deputed for this workshop.

B. K. Rag *[signature]* 27/2/19

May be permitted to attend. For kind direction

[signature] 27/2

Permitted *[signature]* 28.2.19.

Kannan M. Moudgalya, *Ph.D*

Erach and Meheroo Mehta
Advanced Education Technology
Chair Professor
Department of Chemical Engineering
Indian Institute of Technology Bombay
Powai, Mumbai 400 076, India.

कण्णन मणि मौद्गल्या
इरेच तथा मेहरू मेहता
प्रगत शिक्षा प्रौद्योगिकी
पीठासीन प्राध्यापक
रासायनिक अभियांत्रिकी विभाग
भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई 400 076, भारत.

6 March 2019

Dear Sir/Madam,

Greetings from IIT Bombay!

We are glad to announce that we are in the process of organising a one day workshop for **Teachers and System administrators** under the Teaching Learning Centre (ICT) at IIT Bombay, a scheme of 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), an initiative of the Ministry of Human Resource Development, Government of India.

Details of this programme are given below:

Workshop Name: Moodle Learning Management System

Who should attend? : Teachers and System administrators/Technical persons

Date and venue: Friday, 15 March 2019, 106 remote centres

How the workshop will be conducted:

The workshop will be conducted at various remote centres in the country on Friday, 15 March 2019 from 9.30 AM to 6.00 PM. This will be conducted through a blended mode, using both live video conferencing facility (A-VIEW) and hands-on sessions at remote centres using Spoken Tutorials. The effectiveness of the Spoken Tutorials based training can be seen from the testimonials available at https://spoken-tutorial.org/testimonials/media/?foss=70. There will be interactions through A-VIEW at the beginning. After that, all participants at remote centre (RC) will learn Moodle using Spoken Tutorials. In the evening, IIT Bombay shall connect through A-VIEW again, carry out discussions and end the programme. There will be about 4 hours available for Moodle training and 2 hours for interactions, a detailed schedule of which will be sent later to you.

The participants of the workshop will pay Rs. 100 as a course fee to IIT Bombay, and Rs. 400 to the RC directly, from which, RC will have to provide lunch and tea/snacks. The balance amount may be kept as a partial compensation for the use of RC infrastructure.

Procedure to participate in the Workshop:

To participate in this workshop, please login to the website (https://www.it.iitb.ac.in/nmeict/). Please also ask your Teachers and System Administrators to register on our website between **2 March and 14 March 2019, 12.30 pm**. The registration website is here: https://www.it.iitb.ac.in/nmeict

I request you to kindly circulate this email to your nearby colleges/schools and the educational institutions.

We look forward to your enthusiastic participation in this initiative.

Regards,

Prof. Kannan Moudgalya
PI, TLC (ICT)
PMMMNMTT

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

**# 15, Mallasandra, off Kanakapura Road,
Bengaluru – 560 109 Phone: 080-28425012,
Fax: +91-080-28425164 www.kssem.edu.in**

Workshop Conducted

On

"Artificial Intelligence and Data Analytics"

6th August 2019

Organised

By

Department of ComputerScience&Engineering

K.S.School of Engineering and Management

The Department of Computer Science and Engineering, KSSEM has organized Workshop on **"Artificial intelligence and Data Analytics"** in association on 6th August 2019 in Aryabhata Seminar Hall.

The Workshop was started around 1:30p.m at Aryabhata Seminar hall.

Dr.Arjuna Sathiaseelan who directed the Networking for Development lab at the Computer laboratory, University of Cambridge and co- founder of GAIUS networks. Speaker delivered a session

on "Artificial Intelligence and Data Analytics" and highlighted the effectiveness of developing IOT Applications throughout the world.

Students of VIIth semester A and B Sections from Department of CSE had participated in the Workshop. The sessions were quite interactive between the students and the expert. Speaker encouraged the participants to discuss about project ideas on IOT applications.

The outcome of the Workshop is to share the idea of how to implement the computer networks and other major subjects in engineering with a technical knowledge and real time experience. Speaker has given opportunity for the students to develop a webpage in their mobile using GAIUS App.

Head of the Department
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062.

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560 109
Computer Science and Engineering
VII Semester Students list -2019-20

WorkShop Conducted On AI and Data Analytics For VIIth Sem Students

6/8/2019

Sl. No.	USN	Name of the Student	Signature
1	1KG14CS088	RACHANA V	
2	1KG14CS105	SINDHUSHREE A R	
3	1KG15CS011	BHOOMIKA RAJU	Bhoomika Raj
4	1KG15CS013	C PAVAN	Pavan.
5	1KG15CS027	GADDAM RAMYA NAIDU	G. Ramya
6	1KG15CS028	SAI CHARAN	Charan
7	1KG15CS029	GOURI H N	Gouri
8	1KG15CS040	K C SURYA	Surya.
9	1KG15CS043	KEERTHANA S	Keerthanas.
10	1KG15CS051	MADHUSUDHAN REDDY M	Madhubdar
11	1KG15CS052	MANOJ KUMAR N S	Manoj
12	1KG15CS054	MOHAN CHOWDARY	
13	1KG15CS057	MONISHA G	Monisha G
14	1KG15CS086	RAKSHITA G	Rakshitha
15	1KG15CS099	SHREYA B SHETTY	Shreya Shett
16	1KG15CS102	SINDHU R	
17	1KG15CS118	VAISHNAVI B U	Vaishnavi B.U
18	1KG16CS001	ABHISHEK RAJU N	Abhishek Raj.
19	1KG16CS003	AISHWARYA BHAT R	
20	1KG16CS004	AISHWARYA S	Aishwarya
21	1KG16CS005	AKASH PAUL	Akash Paul.
22	1KG16CS007	AKSHATHA M N	Akshatha
23	1KG16CS009	ANIRUDH K N	
24	1KG16CS010	ARCHANA K S	Archana
25	1KG16CS012	ARUN KUMAR M	A.Kr.M

Sl. No.	USN	Name of the Student	Signature
26	1KG16CS014	ASHRITHA K G	
27	1KG16CS015	BHAVYA ASHOK K	
28	1KG16CS016	BHAVYA P	
29	1KG16CS017	BIKESH GUPTA	
30	1KG16CS019	CHANDINI A S	
31	1KG16CS021	CHITRA V	Chitra.V
32	1KG16CS022	DEEPASHREE C	
33	1KG16CS023	DHANUSH R	
34	1KG16CS024	DIVYA PRIYA V	
35	1KG16CS026	DIVYASHREE B	
36	1KG16CS027	G HEMA KUMAR	
37	1KG16CS028	G S ASHWINI	
38	1KG16CS030	GAYATHRI K	
39	1KG16CS031	GEETHA P	
40	1KG16CS032	GEYA GANAPANENI	
41	1KG16CS033	GNANENDRA PRASAD T	
42	1KG16CS034	HARISH A	
43	1KG16CS036	HARSHITA	
44	1KG16CS038	HEMA S	
45	1KG16CS039	JAYASHREE S	
46	1KG16CS040	JEEVOTTAM LOKURTI	
47	1KG16CS041	JYOTHEESH A	
48	1KG16CS042	K OOHA	
49	1KG16CS044	KARTHIKRAJ M N	
50	1KG16CS045	KAVYA S	
51	1KG16CS046	KEERTHI B	
52	1KG16CS047	LOKESHWARI P	
53	1KG16CS049	MANASA B	Manasa.B
54	1KG16CS051	MANJUNATHA P	

No.	USN	Name of the Student	Signature
55	1KG16CS052	MEGHANA R	Meghana
56	1KG16CS053	MOHAK N	
57	1KG16CS056	NAGALAXMI M	Nagalexmi .M
58	1KG16CS057	NIKITHA B	
59	1KG16CS060	PADMASHREE	
60	1KG16CS061	PANKAJ KUMAR RANKA	
61	1KG16CS063	PAVITHRA S	Pavithra
62	1KG16CS064	POOJA VARMA M	Pooja Varma
63	1KG16CS065	PRAJWAL H	Prajwal. H
64	1KG16CS066	PRAJWAL RAM B R	Prajwal Ram
65	1KG16CS067	PRANATHI D	PRANATHI D
66	1KG16CS068	PRATUSHA	
67	1KG16CS069	PRAVEEN R ZILLI	
68	1KG16CS070	PRETHVI V	Prethvi .V
69	1KG16CS071	PUNITH KUMAR R	
70	1KG16CS072	RAHUL B K	Rahul
71	1KG16CS075	RAKSHITHA L V	Rakshitha .L V .
72	1KG16CS078	RAMYA C G	Ramya CG
73	1KG16CS079	RAMYA E N	Ramya.E.N
74	1KG16CS080	RASHMITHA R	
75	1KG16CS081	REETHA C M	Reef
76	1KG16CS082	REVANTH CHOWDARY M	
77	1KG16CS084	RUMANA SHAFIN	Rumana Shafin
78	1KG16CS085	RUTHVI J	Ruthvi.J
79	1KG16CS086	SAHANA V	Sahana. v
80	1KG16CS088	SANGEETHA P C	
81	1KG16CS089	SANTHOSH B S	Santhosh
82	1KG16CS090	SARAIYU N R	Sarn..
83	1KG16CS091	SHAIK TOUSEEF AHMED	

	USN	Name of the Student	Signature
84	1KG16CS092	SHARADHI BHAT	Sharadhi Bhat
85	1KG16CS093	SHARANYA K	Sharanya. K.
86	1KG16CS096	SHASHIDHARA N	
87	1KG16CS097	SHWETHA BAI M	Shwetha
88	1KG16CS098	SOWMYA S	Sowmya S
89	1KG16CS099	SPOORTHI K S	Spoorthi. K-S
90	1KG16CS100	SRI KRISHNA ASHRITH ADIGA B P	
91	1KG16CS101	SRINIDHI G	Srinidh G
92	1KG16CS105	SUPREETHA L N	Supreetha L N
93	1KG16CS106	SUPRIYA R	
94	1KG16CS108	SURESH S	
95	1KG16CS109	SUSHMA V P	Sushma VP.
96	1KG16CS111	TASMIYA ZAINAB	
97	1KG16CS112	THEEJAS G	
98	1KG16CS114	VAIBHAV P	Vaibh
99	1KG16CS115	VELLANKI THEJASWI	
100	1KG16CS117	VISHAL D RAIKAR	Vishal. D. Raikar
101	1KG16CS118	VUMMANENI DILIP	V. Dilip
102	1KG16CS121	YASHWANTH M	
103	1KG17CS400	PREMSAGAR K	Prem Sagar. K

KS SCHOOL OF ENGINEERING AND MANAGEMENT

BENGALURU-560109

Date:04/08/2019

CIRCULAR

We are pleased to inform you that the Department of Computer Science & Engineering is organizing one day workshop on "Artificial Intelligence and Data Analytics" on 6th August 2019 for 7th Sem CSE students in Aryabhatta Seminar Hall.

FDP Coordinator
HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-500 002

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

**# 15, Mallasandra, off Kanakapura Road,
Bengaluru – 560 109 Phone: 080-28425012,
Fax: +91-080-28425164 www.kssem.edu.in**

Workshop Conducted On

"INTERNET OF THINGS"

17th August 2019

Organized By

Department of ComputerScience&Engineering

K.S.School of Engineering and Management

The Department of Computer Science and Engineering, KSSEM has organized one day Workshop on **"Internet of Things"** on 17th August 2019 in Aryabhata Seminar Hall.
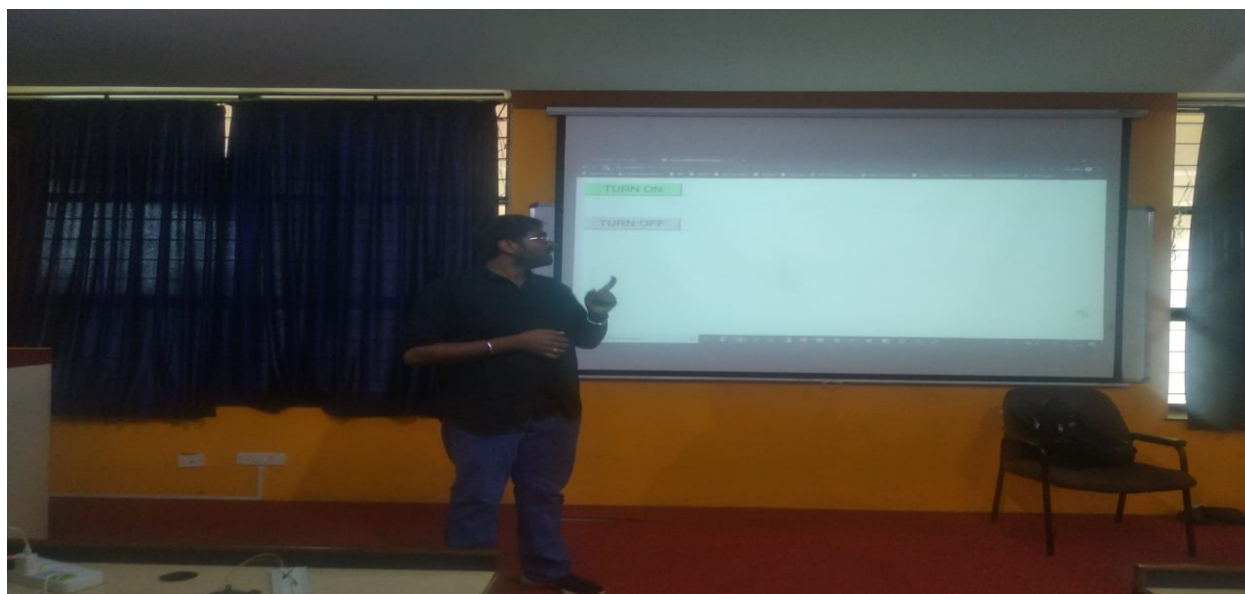
The Workshop was started at9:00a.m at Aryabhata Seminar hall. Mr.Ashok Kumar K is currently working as a Team lead, in MNC. Handled numerous workshops on Java, Big data, Cloud computing, machine learning, IOT, We3b development in various colleges. Authored a text book titled "An Elementary and Constructive Approach to java/J2EE" Speaker delivered a session on "Internet of Things" and explained and demonstrated the stages of developing IOT projects.

Students of VIIth semester A and B Sections from Department of CSE had participated in the Workshop. The workshop is organized into three sessions. First session is about Introduction to IOT, Raspberry PI headless setup and Python programming for raspberry PI.The second session started at 11:00a.m and information is given about MQTT protocol and Android application using MQTT Client.

The third session started after lunch at 1:45p.m and it is about Flame Sensor, PIR motion detector sensor and Proximity. After the workshop a small quiz is conducted between VIIth A and B section students. All the sessions were quite interactive between the students and the expert. Some of the faculty from CSE Dept also participated in workshop.

The outcome of the Workshop is to provide support and guidance to the students, to develop mini projects and main projects as a part of their academics and placement activities.

Head of the Department
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062.

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560 109

Computer Science and Engineering

VII Semester Students Attendance Sheet

Workshop conducted on IOT   Date:17-08-2019

Sl. No.	USN	Name of the Student	Session-1	Session-2	Session-3
1	1KG14CS088	RACHANA V	Rachana.V	Rachana.V	Kachana.V
2	1KG14CS105	SINDHUSHREE A R	Sindh	Sindh	Sindh
3	1KG15CS011	BHOOMIKA RAJU	Bhoomika Raju	Bhoomika Raju	Bhoomika Raju
4	1KG15CS013	C PAVAN	Pavan	Pava	Pavan
5	1KG15CS027	GADDAM RAMYA NAIDU	G.Ramya	G.Ramya	G.Ramya
6	1KG15CS028	SAI CHARAN	Charan	Charan	Charan
7	1KG15CS029	GOURI H N	Gouri	Gouri	Gouri
8	1KG15CS040	K C SURYA	Surya	Surya	Surya
9	1KG15CS043	KEERTHANA S	Keerthi	Keerth	Keerth
10	1KG15CS051	MADHUSUDHAN REDDY M			
11	1KG15CS052	MANOJ KUMAR N S			
12	1KG15CS054	MOHAN CHOWDARY	Mohan	Mohan	Mohan
13	1KG15CS057	MONISHA G			
14	1KG15CS086	RAKSHITA G	Rakshita.G	Rakshita.G	Rakshita.G
15	1KG15CS099	SHREYA B SHETTY	Shreya	Shreya	Shreya
16	1KG15CS102	SINDHU R	Sindhu.R	Sindhu.R	Sindhu.R
17	1KG15CS118	VAISHNAVI B U	Vaishnavi BU	Vaishnavi BU	Vaishnavi BU
18	1KG16CS001	ABHISHEK RAJU N			
19	1KG16CS003	AISHWARYA BHAT R			
20	1KG16CS004	AISHWARYA S	Aish	Aish	Aish
21	1KG16CS005	AKASH PAUL			
22	1KG16CS007	AKSHATHA M N	Akshatha	Akshatha	Akshatha
23	1KG16CS009	ANIRUDH K N			
24	1KG16CS010	ARCHANA K S	Aru.K.S	Aru.K.S	Aru.KS
25	1KG16CS012	ARUN KUMAR M	Arun.M	Arun.M	Arun.M

Sl. No.	USN	Name of the Student	Session-1	Session-2	Session-3
26	1KG16CS014	ASHRITHA K G			
27	1KG16CS015	BHAVYA ASHOK K	Ashri	Ashri	Ashri
28	1KG16CS016	BHAVYA P	B.A.K	B.A.K	
29	1KG16CS017	BIKESH GUPTA			
30	1KG16CS019	CHANDINI A S	Bikesha	Bikesha	Bikesha
31	1KG16CS021	CHITRA V			
32	1KG16CS022	DEEPASHREE C			
33	1KG16CS023	DHANUSH R	DLO.	DLO.	
34	1KG16CS024	DIVYA PRIYA V	Divya	Divya	Divya
35	1KG16CS026	DIVYASHREE B			
36	1KG16CS027	G HEMA KUMAR	G Hemakum	G Hemaky	
37	1KG16CS028	G S ASHWINI			
38	1KG16CS030	GAYATHRI K	Gayathri.k	Gayathri	Gayathri
39	1KG16CS031	GEETHA P	P.Geetha	P.Geetha	P.Geetha
40	1KG16CS032	GEYA GANAPANENI	Geya.G	Geya.G	
41	1KG16CS033	GNANENDRA PRASAD T	Gnane	Gnane	Gnane
42	1KG16CS034	HARISH A	Harish	Harish	Harish
43	1KG16CS036	HARSHITA	Harshita.	Harshita	
44	1KG16CS038	HEMA S			
45	1KG16CS039	JAYASHREE S	Jayashree-S	Jayashree-S	
46	1KG16CS040	JEEVOTTAM LOKURTI	Jeevottam	Jeevottam	
47	1KG16CS041	JYOTHEESH A	Jyou	Jyou	
48	1KG16CS042	K OOHA	K.Ooha	K.Ooha	K.Ooha
49	1KG16CS044	KARTHIKRAJ M N	Karthikraj	Karthikraj	Karthi
50	1KG16CS045	KAVYA S	Kavya	Kavya	Kavya
51	1KG16CS046	KEERTHI B	keerthi-B	keerthiB	keerthiB
52	1KG16CS047	LOKESHWARI P	Lok	Lok	Lok
53	1KG16CS049	MANASA B	Manasa-B	Manasa-B	Manasa-B
54	1KG16CS051	MANJUNATHA P	Manjunath	Manjunath	Manjunath

Sl. No.	USN	Name of the Student	Session-1	Session-2	Session-3
55	1KG16CS052	MEGHANA R	_(sign)_	_(sign)_	_(sign)_
56	1KG16CS053	MOHAK N	_(sign)_	_(sign)_	
57	1KG16CS056	NAGALAXMI M		Nagalaxmi	Nagalaxmi M.
58	1KG16CS057	NIKITHA B	NikithaB	NikithaB	NikithaB
59	1KG16CS060	PADMASHREE	_(sign)_	_(sign)_	_(sign)_
60	1KG16CS061	PANKAJ KUMAR RANKA	_(sign)_	_(sign)_	_(sign)_
61	1KG16CS063	PAVITHRA S			
62	1KG16CS064	POOJA VARMA M			
63	1KG16CS065	PRAJWAL H	Prajwal. H	Prajwal.H	Prajwal. H
64	1KG16CS066	PRAJWAL RAM B R	_(sign)_	_(sign)_	_(sign)_
65	1KG16CS067	PRANATHI D	PRANATHI D	_(sign)_	PRANATHI
66	1KG16CS068	PRATUSHA	Pratusha	Pratusha	Pratusha
67	1KG16CS069	PRAVEEN R ZILLI			
68	1KG16CS070	PRETHVI V			
69	1KG16CS071	PUNITH KUMAR R	_(sign)_	_(sign)_	_(sign)_
70	1KG16CS072	RAHUL B K			
71	1KG16CS075	RAKSHITHA L V	Rakshitha	Rakshitha	Rakshitha L-V
72	1KG16CS078	RAMYA C G			
73	1KG16CS079	RAMYA E N	RamyaEN	RamyaEN	RamyaEN
74	1KG16CS080	RASHMITHA R			
75	1KG16CS081	REETHA C M	_(sign)_	_(sign)_	_(sign)_
76	1KG16CS082	REVANTH CHOWDARY M			
77	1KG16CS084	RUMANA SHAFIN	Rumana	Rumana	Rumana
78	1KG16CS085	RUTHVI J	Ruthvi.J	Ruthvi.J	Ruthvi.J
79	1KG16CS086	SAHANA V	Sahana.V	Sahana.V	Sahana.V
80	1KG16CS088	SANGEETHA P C	Sangeetha	Sangeetha	Sangeetha
81	1KG16CS089	SANTHOSH B S	Santy	Santy	Santy
82	1KG16CS090	SARAIYU N R	_(sign)_	_(sign)_	_(sign)_
83	1KG16CS091	SHAIK TOUSEEF AHMED			

Sl. No.	USN	Name of the Student	Session-1	Session-2	Session-3
84	1KG16CS092	SHARADHI BHAT	*signature*	*signature*	*signature*
85	1KG16CS093	SHARANYA K	*signature*	*signature*	*signature*
86	1KG16CS096	SHASHIDHARA N	*signature*	*signature*	*signature*
87	1KG16CS097	SHWETHA BAI M	*signature*	*signature*	*signature*
88	1KG16CS098	SOWMYA S	*signature*	*signature*	*signature*
89	1KG16CS099	SPOORTHI K S	*signature*	*signature*	*signature*
90	1KG16CS100	SRI KRISHNA ASHRITH ADIGA B P	*signature*	*signature*	*signature*
91	1KG16CS101	SRINIDHI G	*signature*	*signature*	*signature*
92	1KG16CS105	SUPREETHA L N	*signature*	*signature*	*signature*
93	1KG16CS106	SUPRIYA R	*signature*	*signature*	*signature*
94	1KG16CS108	SURESH S			
95	1KG16CS109	SUSHMA V P	*signature*	*signature*	*signature*
96	1KG16CS111	TASMIYA ZAINAB	*signature*	*signature*	*signature*
97	1KG16CS112	THEEJAS G			
98	1KG16CS114	VAIBHAV P	*signature*	*signature*	*signature*
99	1KG16CS115	VELLANKI THEJASWI			
100	1KG16CS117	VISHAL D RAIKAR	*signature*	*signature*	*signature*
101	1KG16CS118	VUMMANENI DILIP			
102	1KG16CS121	YASHWANTH M	*signature*	*signature*	*signature*
103	1KG17CS400	PREMSAGAR K	*signature*	*signature*	*signature*

Signature of the Principal

Swathi / 19/8/19 / 3:30 p.m.

The Management, Principal, Staff and Students solicit your gracious presence for the Inauguration of

Workshop On

"Design Thinking - Hands on (Design Thinking for Innovators)"

On Monday, 23 September 2019, at 9.00 A.M

Chief Guest and Resource Persons

Mr. Hemanth Gorur
Trainer
BUMBLEBEE IT ACADEMY

Guest of Honor

Sri Y Ramachandra Naidu
President, Kammavari Sangam
Will preside over the function

Sri K Venkatesh Naidu B.E (Mech)
Hon. Secretary, Kammavari Sangham
Will grace the occasion

Sri. D Rukmangada B.E, MBA
Treasurer, Kammavari Sangham
Will grace the occasion

Dr. K. V. A. Balaji
Chief Executive Officer
K. S Group of Institutions

Dr. K. Rama Narasimha   **Prof. Veena R. S.**
Principal / Director   Head of the Department, CSE
KSSEM   KSSEM

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President
Sri. T. Ramachandra Naidu
Vice President
Sri. K. Shiva Rao
Vice President
Sri. K Venkatesh Naidu
Hon. Secretary
Sri. B. Lokanadha Naidu
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Sri. D. Rukmangada
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Internal Auditor
Sri. M. Yogamurthy
Chairman, Finance Committee
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Chairman Building Committee
Sri. D. Jagadish Kumar
Chairman, Hospital Committee
Sri. M. Sudhakar
Chairman, Legal Cell
Sri. P. B. Prakash Kumar
Chairman, Transport Committee
Sri. M. N. Padmanabha
Director
Sri. T. Kumar
Director
Sri. N. M. Krishnamurthy
Director
Sri. A. V. Nagaraj
Director
Sri. M. C. Varadaraja
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Dr. K. V. A. Balaji
Chief Executive Officer

In association with
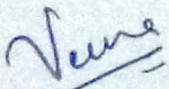
BITES
BOARD FOR IT EDUCATION STANDARDS

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K S GROUP OF INSTITUTIONS
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT
No. 15, Mallasandra, off Kanakapura Road, Bengaluru - 560109
www.kssem.edu.in

KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT
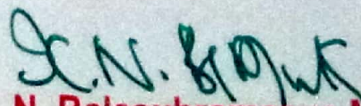
CERTIFICATE OF PARTICIPATION

This is to certify that **Ms. NISHMITHA H N** has participated in the workshop on **"Design Thinking"** held

during 23rd-25th September, 2019 Organised by the Department of Computer Science and Engineering, K

.S. School of Engineering and Management, Bengaluru, in association and support by BITES, Karnataka.

Prof. Veena R.S.
Co-ordinator

Dr. K. Rama Narasimha
Principal/Director,
KSSEM

Dr. K. N. Balasubramanya Murthy
Chairman, BITES

Workshop on

"Design Thinking"

23rd – 25th September 2019

Organized By

K. S. SCHOOL OF ENGINEERING & MANAGEMENT
Department of Computer Science & Engineering
In association with
Board for IT Education Standards

The Department of Computer Science and Engineering, KSSEM has organized 3-day workshop on "Design Thinking" in association with BITES from 23rd – 25thSeptember 2019 in Aryabhatta Seminar Hall.
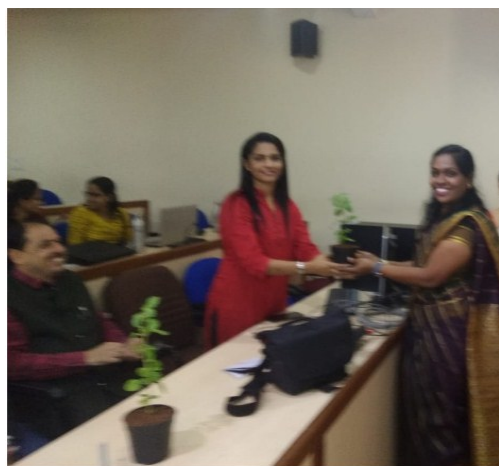
The workshop was inaugurated by Dr. K. Rama Narasimha, Principal/Director, Mrs. Veena R. S.,

Head, Department of CSE, KSSEM and Resource persons, Mr. Hemanth Gorur, Trainer,Mrs Nisary Mahesh,Trainer and Mr. Sunil Datta Consultant, BUMBLEBEE IT ACADEMY.

Mr.Hemanth Gorur delivered sessions on "Design Thinking" and the steps involved in it:

1. Empathize 2.Re-Define 3.Ideate 4.Prototype 5.Test 6.Presentation.

Students were given a problem statement and a situation, which had to be empathized and redefined.

Students were involved in activities like interviewing the user, creating Empathy Map using cardboards followed by the 3rd step of Design Thinking that is Ideation, which was split into Brainstorming, Affinity Map Design and the idea evaluation Chart. Students were briefed about each step of Design Thinking in the form of Videos and Presentation.

The Last day student were involved in Mini-Project where they had to employ all the steps of Design Thinking and gave final presentation on the project, on which they had build the prototype.

A total of 30 from 5th semester CSE and ECE participated actively in the workshop. The sessions were quite interactive between the Students and the expert.

The outcome of the workshop is to know how to employ Design Thinking Steps in real time problem Statements, Mini Project and also exhibit one's own Thinking capabilities to design and make use of best practices of Design Thinking.
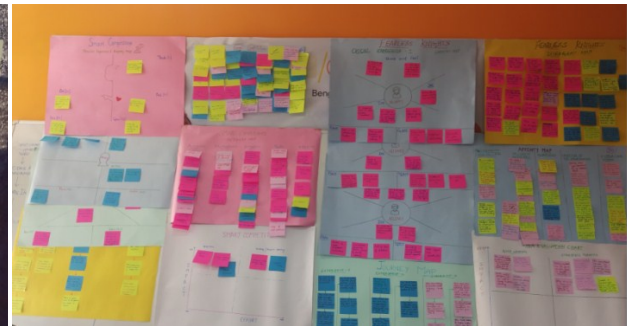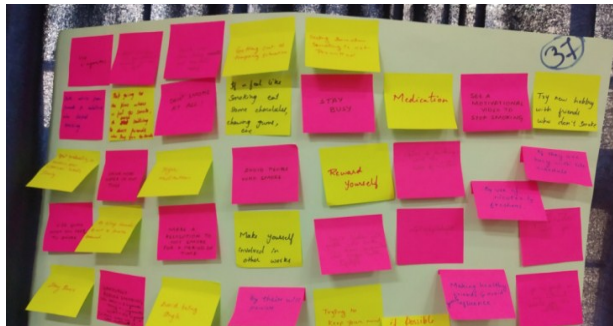
Organizing Committee

1.Mr.Sandeep H

2.Mrs.Poonamsree S

Head of the Department

HOD.
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

Principal

Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560 109
Department of Computer Science and Engineering
List of Participants for BITES Workshop on Design Thinking
Registration Form

Sl. No.	USN	Name of the Student	email	phone	Signature
1	1KG17CS002	ABHIMANYU BANSAL	bansalabhimanyu11@gmail.com	7348851058	
2	1KG17CS004	ADITYA S KARNAM	adityaskarnam@gmail.com	8050207672	
3	1KG17CS007	ARCHANA G ADIGA	archanagopaladiga@gmail.com	7019910297	
4	1KG17CS010	BALAKRISHNA M	balu02699@gmail.com	9108521145	
5	1KG17CS011	BALAKRISHNA R BHAT	brbrbhat@gmail.com	8310363475	
6	1KG17CS024	GAYATHRI G B	gayathrigb3@gmail.com	7899161998	
7	1KG17CS033	KOMAL SUTHAR	komalssuthar007@gmail.com	8618302974	
8	1KG17CS035	LOKESH R C	lokeshlucky14321@gmail.com	8892557500	
9	1KG17CS037	MAHESH RAJU N	spyder.mh25@gmail.com	8550002943	
10	1KG17CS053	NISHMITHA H N	nishmithabharadwaj@gmail.com	9113886809	
11	1KG17CS054	PAVAN B H	pavanbh0699@gmail.com	8867049846	
12	1KG17CS055	POOJA BHARATHI N	poojabharathi11@gmail.com	9686373184	
13	1KG17CS062	RAKESH S	rakesh123410101999@gmail.com	9606502760	
14	1KG17CS064	RANI RAVIRAJ BHAT	rani.bhat23@gmail.com	9611721268	
15	1KG17CS066	REVATHI R	revathirajesh2000@gmail.com	9206178453	
16	1KG17CS071	SANJANA P L	plsanjana25@gmail.com	9738116755	
17	1KG17CS083	SHRINIDHI HEGDE	hegdenidhi.shri@gmail.com	9148738593	
18	1KG17CS096	T KARISHMA	karishma.manohar.t@gmail.com	8310216311	
19	1KG17CS097	T KAVYA	kavya.manohar.t@gmail.com	8310216311	
20	1KG17CS098	TANZEELA FATHIMA	tanzeelafathima1999@gmail.com	8217209836	
21	1KG17EC033	KEERTHANA B	keerthanaemparala@gmail.com	8660434110	
22	1KG17EC045	MANOJ J	manojjavaregowda.1999@gmail.com	9964761568	
23	1KG17EC028	GIRISH G N	girishkumar7204829417@gmail.com	8660153014	
24	1KG17EC023	DIVYASHREE C	divyadivya27460@gmail.com	9611924245	
25	1KG17EC054	NEHA BEKAL	ahanabekal19@gmail.com	7795867701	
26	1KG17EC083	SUDHA K	sudhakrishnamurthy.2000@gmail.com	9663782508	
27	1KG17EC073	SARITHA N	sarithanagaraj27@gmail.com	7019822021	
28	1KG17EC066	S D PAVAN	Pavansd273@gmail.com	8762799355	
29	1KG17EC062	RAMYA B	ramyalakshmi383@gmail.com	9113824204	
30	1KG17EC022	Divya. P	divyapandu1998@gmail.com	8884433360	

Kammavari Sangham (R) 1952
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Department of Computer Science and Engineering
15, Mallasandra, off Kanakapura Road, Bengaluru – 560 109 Phone: 080-28425012,
Fax: +91-080-28425164 www.kssem.edu.in

Three Day workshop on "Design Thinking"
September 23rd - 25th, 2019

Feedback Form

Answer to the following statements by using (√) in appropriate column to indicate the extent to which you agree or disagree with each statement.

Sl. No.	Criteria	Satisfactory	Good	Very Good	Excellent
1	Facilitator stimulated my interest in Empathize, Re-Define, Ideate, Prototype, Test and Presentation.				✓
2	The facilitators demonstrated in depth knowledge of the Design Thinking.				✓
3	The facilitators encouraged discussions and responded to questions.				✓
4	The facilitator motivated the students apply Design thinking steps into mini project.			✓	
5	Hands on session improved my practical knowledge towards Design Thinking				✓
6	Arrangements for workshop were good.				✓
7	Duration of workshop was appropriate.				✓
8	Any other general feedback: Learned more from this workshop. Basically Confidence.				

Signature

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT
Department of Computer Science and Engineering

#13, Mallasandra, off Kanakapura Road, Bengaluru – 560 109 Phone: 080-28425012,
Fax: +91-080-28425164 www.kssem.edu.in

Three Day workshop on "Design Thinking"
September 23rd – 25th, 2019

Feedback Form

Answer to the following statements by using (√) in appropriate column to indicate the extent to which you agree or disagree with each statement.

Sl. No.	Criteria	Satisfactory	Good	Very Good	Excellent
1	Facilitator stimulated my interest in Empathize, Re-Define, Ideate, Prototype, Test and Presentation.				✓
2	The facilitators demonstrated in depth knowledge of the Design Thinking.				✓
3	The facilitators encouraged discussions and responded to questions.				✓
4	The facilitator motivated the students apply Design thinking steps into mini project.				✓
5	Hands on session improved my practical knowledge towards Design Thinking				✓
6	Arrangements for workshop were good.				✓
7	Duration of workshop was appropriate.				✓
8	Any other general feedback: Good !				

K.S. GROUP OF INSTITUTIONS

K S SCHOOL OF ENGINEERING AND MANAGEMENT

#15, Mallasandra, Near Vajarahalli, off Kanakapura Road, Bengaluru-560109

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THREE DAYS WORKSHOP ON

EMBEDDED SYSTEM USING ARM 7

1st -3rd March 2018

in association with

JYOTI EMBEDDED LABS, BENGALURU

Organized by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

in association with

ENCRYPTONITES

Timings: 8.40 am-3.50 pm   Venue: Aryabhata seminar hall, KSSEM

K S School of Engineering & Management
Department of Computer Science & Engineering
Embedded System using ARM 7

Student List   1-Mar-2018 to 3-Mar-2018

Sl. No	USN	NAME	1Mar18 FN	1Mar18 AN	2Mar18 FN	2Mar18 AN	3Mar18 FN	3Mar18 AN
1	1KG15CS099	SHREYA B. SHETTY	P	P	P	P	P	A
2	1KG16CS001	ABHISHEK RAJU N	P	P	P	P	P	P
3	1KG16CS002	AGIN P P	P	P	P	A	P	P
4	1KG16CS003	AISHWARYA BHAT R	P	P	P	P	P	P
5	1KG16CS004	AISHWARYA S	P	P	P	P	P	P
6	1KG16CS005	AKASH PAUL	P	P	P	P	P	P
7	1KG16CS006	AKII YADAV C S	P	P	P	P	P	P
8	1KG16CS007	AKSHATHA M N	P	P	P	P	P	P
9	1KG16CS008	AMULYA P DEV	P	P	P	P	P	P
10	1KG16CS009	ANIRUDH K N	A	A	P	P	P	P
11	1KG16CS010	ARCHANA K S	P	P	A	P	P	P
12	1KG16CS011	ARUN	P	P	P	P	P	P
13	1KG16CS012	ARUN KUMAR M	P	P	P	P	P	P
14	1KG16CS013	ASHOK S	P	P	P	P	P	A
15	1KG16CS014	ASHRITHA K G	P	P	P	A	P	P
16	1KG16CS015	BHAVYA ASHOK K	P	P	P	P	P	P
17	1KG16CS016	BHAVYA P	P	P	P	P	P	P
18	1KG16CS017	BIKESH GUPTA	P	P	P	P	P	P
19	1KG16CS019	CHANDINI A S	P	P	P	P	P	P
20	1KG16CS021	CHITRA V	P	P	P	P	A	P
21	1KG16CS022	DEEPASHREE C	P	A	P	P	P	P
22	1KG16CS023	DHANUSH R	P	P	P	P	P	A
23	1KG16CS024	DIVYA PRIYA V	P	P	P	P	P	P
24	1KG16CS026	DIVYASHREE B	P	P	P	P	P	P
25	1KG16CS027	G HEMA KUMAR	P A	R	P	P	P	P
26	1KG16CS028	G S ASHWINI	P	P	P	P	P	P
27	1KG16CS029	GAGANA K	P	P	P	P	P	P
28	1KG16CS030	GAYATHRI K	P	P	P	P	P	P
29	1KG16CS031	GEETHA P	P	P	P	P	P	P
30	1KG16CS032	GEYA GANAPANENI	P	P	P	P	P	A
31	1KG16CS033	GNANENDRA PRASAD	P	P	P	P	A	P
32	1KG16CS034	HARISH A	P	P	P	P	P	P
33	1KG16CS036	HARSHITA	P	P	A	P	P	P
34	1KG16CS038	HEMA S.	P	P	P	A	P	P
35	1KG16CS039	JAYASHREE S	P	P	P	P	P	P
36	1KG16CS040	JEEVOTTAM LOKURTI	P	P	P	P	A	P
37	1KG16CS041	JYOTHEESH A	P	P	P	P	P	P
38	1KG16CS042	K OOHA	P	P	P	P	P	P
39	1KG16CS043	INDRAJA KADIYALA	P	P	P	P	P	P
40	1KG16CS044	KARTHIKRAJ M N	P	P	P	P	P	P
41	1KG16CS045	KAVYA S	P	P	P	P	P	P
42	1KG16CS046	KEERTHI B	P	P	A	P	P	P
43	1KG16CS047	LOKESHWARI P	P	P	P	P	P	A
44	1KG16CS049	MANASA B	P	P	P	P	P	P
45	1KG16CS050	MANASA M	P	P	P	P	P	P
46	1KG16CS051	MANJUNATHA P	P	P	P	P	A	P
47	1KG16CS052	MEGHANA R	P	P	P	P	P	P
48	1KG16CS053	MOHAK N	P	P	P	P	P	P
49	1KG16CS056	NAGALAXMI M	P	P	P	P	P	P
50	1KG16CS057	NIKITHA B	P	A	P	P	P	P
51	1KG16CS060	PADMASHREE	P	P	P	A	P	P

B
01/03/18

R.S.Geethanjali
02/03/18

R.S.Geethanjali
03/03/18

Report on Embedded System using ARM 7

Department of Computer Science and engineering in association with Encryptonites and Jyothi Embedded labs, Bengaluru had arranged three days of workshop on ARM processors on March 1, 2 & 3, 2018 for 4th semester students. First day session introduced Microcontroller LPC 2148, Writing C code for "Kernel Uvision", and the use of seven segment display for LCD and LED. Second day session explained to controlling microcontroller using Wi-Fi or Bluetooth with the help of mobile phone. Third day session was on HTML PHP program writing.

K.S. School of Engineering and Management
Registration Form for Five-Day Faculty Development Programme on "Oracle Training on Java Fundamentals" from 23-27 April 2018.

Name: …………………………………………

……...

Designation: …………………………………..

…………………………………………………

Organisation: …………………………………..

…………………………………………………

…………………………………………………

Mobile No: …………………………………...

E-mail: …………………………………..

…………………………………………………...

Signature of the   Seal & Signature of
    Candidate   Principal

The registration link with Oracle is attached with the additional document attached with the e-mail sent. In addition to online registration with Oracle also send the duly filled, signed and scanned registration form to hod.cse@kssem.edu.in.

There is no registration fee and you will be given course material and certificate.

Please note that registration starts by 9.00 AM followed by sessions.

CHIEF PATRONS from VTU
Dr. Karisiddappa, Vice Chancellor,
VTU, Belagavi.
Dr. H.N. Jagannatha Reddy, Registrar,
VTU, Belagavi.
Dr. Sandhya R. Anvekar, VTU Nodal Officer
Yuva Yuga, ICTS, Govt. of Karnataka.

CHIEF PATRONS from ICTS
Mrs. Salma Fahim, Managing Director,
Dr. Maulishree, CEO, ICTS.
Ms. Shubha, Yuva Yuga Consultant,

CHIEF PATRONS from KSSEM
Sri. Y. Ramachandra Naidu, President,
K S Group of Institutions.
Sri. K. Venkatesh Naidu, Hon. Secretary,
K S Group of Institutions.
Sri. D. Rukmangada, Treasurer,
K S Group of Institutions.

ADVISORY COMMITTEE
Dr. S. N. Sridhara, Principal / Director,
KSSEM, Bengaluru.
Mrs. Bhanu Dasgupta, Country Manager,
Oracle Academy JAPAC.
Ms. Tarannum Mansuri, Business Analyst,
Oracle Academy.

CO-ORDINATORS
Dr. B.K. Raghavendra, Professor & Head,
CSE, KSSEM, Bengaluru.
Dr. M.T. Gopalakrishna, Professor,
CSE, KSSEM, Bengaluru.
Dr.Karthik P, Professor,
ECE, KSSEM, Bengaluru.

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CSE, KSSEM, Bengaluru.
Mr. Govindaraju G N, Associate Professor,
CSE, KSSEM, Bengaluru.
Mrs. Preethi.P, Assistant Professor,
CSE, KSSEM, Bengaluru.

Department of Computer Science & Engineering

FACULTY DEVELOPMENT PROGRAMME
ON
Java Fundamentals
23rd to 27th April 2018

INSTITUTIONAL PROFILE

K.S. School of Engineering and Management (KSSEM) was established in 2010 by Kammavari Sangham (R) with the objective of providing quality education in Engineering and Management. KSSEM offers B.E. in Civil, Computer Science, Electronics and Communication, Electrical and Electronics and Mechanical Engineering in addition to MBA. PG Programmes are also offered in Civil, Computer Science, Electronics and Communication and Mechanical Engineering. All the courses are affiliated to VTU, Belagavi, and approved by AICTE, New Delhi. Within a short period from inception, KSSEM has been recognized as one of the good institutes offering Engineering and Management courses in Bengaluru. The overall growth is emphasized in all actions of KSSEM and programmes have been incorporated to inculcate humanity and leadership qualities in students. Students of KSSEM participated in many University and State Level Sports and Cultural events and won many prizes.

The alumni of KSSEM have occupied chairs in good corporate and industries. KSSEM encourages research in every field of studies. It has published about 360 research Papers in leading Journals and Conference Proceedings and has bagged research fund of worth Rs. 60 lakh. In continuation of the spirit of encouragement of research in various fields, KSSEM has organized National Conferences, Workshops and Faculty Development Programmes in various streams.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was established in the year 2010 with an approved intake of 60 and increased to 120 from the academic year 2012-13. The department is also offering M.Tech Course in Computer Science & Engineering from the academic year 2013-14 with an intake of 18. The faculty members of Department of CSE are well qualified and have rich experience in teaching and research. The department has excellent state of the art infrastructure in both Hardware and Software Resources. The department is committed to develop the IT leaders of tomorrow. The department is dedicated to education, research & overall excellence.

INTENDS OF YUVA YUGA

"YUVA YUGA" scheme is an industry-led program to encourage and promote skill development for youth throughout Karnataka. It helps youth to take up industry designed quality skill training and become employable.

The objective of this scheme is to:

- Encourage and promote skill trained youths.
- Increase the skill training capacity in Karnataka.
- Mobilize 1,10,000 youth to take up industry designed quality skill training.
- Increase productivity of the existing workforce and align skill training with the actual needs of the State.

Around "Oracle Training on Java Fundamentals"

Java is a set of computer software and specifications developed by Sun Microsystems, which was later acquired by the Oracle Corporation that provides a system for developing application software and deploying it in a cross-platform computing environment. Java is used in a wide variety of computing platforms from embedded devices and mobile phones to enterprise servers and supercomputers.

OBJECTIVES OF FDP

- To prepare and equip the faculty of BE programme in the Core Java subject to the higher level to match the standards opted by VTU.
- Understand fundamentals of programming such as variables, conditional and iterative execution, methods, etc.
- Provide a strong foundation in database concepts, technology and practice.
- Design and build database applications for real world problems.
- Practice SQL programming through a variety of database problems.

IMPORTANT DATES

The FDP is scheduled between the dates 23rd April to 27th April 2018. i.e. Monday to Friday.

REGISTRATION PROCESS

Online registration with Oracle is to be done as per the instructions given in the attached document.

Report on

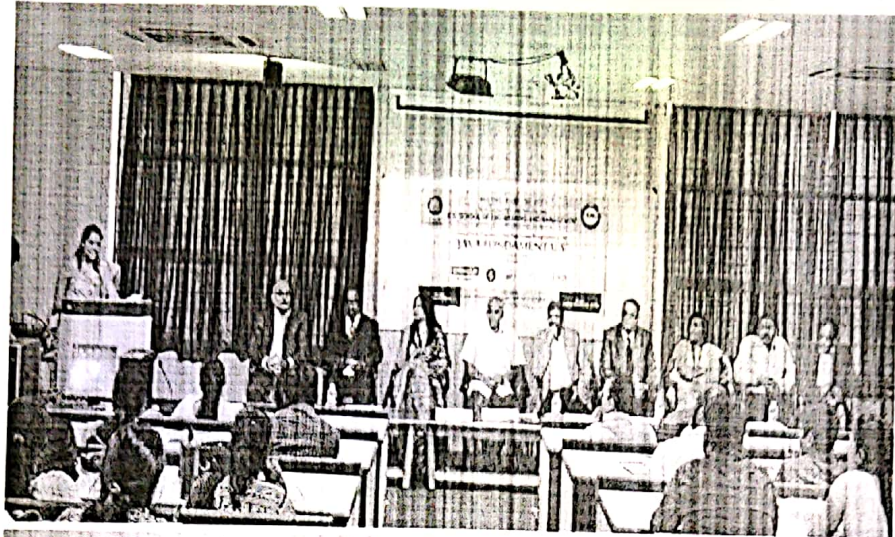# JAVA FUNDAMENTALS

23rd to 27th April 2018

Organized by Computer Science and Engineering

K. S School of Engineering and management

"BY TEACHING WE LEARN AND BY LEARNING WE TEACH", Department of Computer Science and Engineering in association with ORACLE ACADEMY and TRAINING THE TRAINER program by government of Karnataka had been organized from 23/4/2018 to 27/4/2018. The program was inaugurated by Dr.Karisiddappa, Vice-chancellor Visvesvaraya Technological University, Management members of Kammavari Sangham, Dr.V.Balaji, CEO of Kammavari group of institutions, Dr.S.N.Sridhara, Principal of KSSEM and DR.Govindaraju.T.V , Principal of KSIT. Around 30 participants registered among which 26 are from the various colleges like BMS Institute of Technology, City Engineering college, KS Institute of Technology , Sapthagiri College of Engineering, Dayananda Sagar College of Engineering, East west College of Engineering, AMC College of Engineering and Many more.

The curriculum for five days included, Basic introduction, features of java and Development of small banking application. The last day participants registered for Quiz followed by a test on concepts learnt to enumerate themselves with the grade.

Department of Computer Science and Engineering, KSSEM thanked all the participants and organizing committee for their support in completing Faculty development program.

HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

KS SCHOOL OF ENGINEERING AND MANAGEMENT

BANGALORE-560062

Attendance for Faculty Development Program
On
Java Fundamentals

Venue: Aryabhatta Seminar Hall

Date: 23rd to 27th April 2018

Sl.No	Faculty Name	23/4 (FN)	23/4 (AN)	24/4 (FN)	24/4 (AN)	25/4 (FN)	25/4 (AN)	26/4 (FN)	26/4 (AN)	27/4 (FN)	27/4 (AN)
1	Ms. Kusama Kv										
2	Mr. Damodaram S										
3	Mr. Deepak m d										
4	Mr.Preetham B										
5	Ms. Vandana.K										
6	Mr. Srinivas Kumar										
7	Ms. Keerthana										
8	Ms.Manjula.S										
9	Ms.chitra. M.										
10	Sandhya.										
11	Mr. Ramesh										

12	Mr. Vishruth						
13	Mrs. Padmini						
14	Mr. Manoj						
15	Ms. Swatha						
16	Ms. Shalini						
17	Mr. Chandrashekar						

Program Coordinator
HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062.

KS SCHOOL OF ENGINEERING AND MANAGEMENT

BANGALORE-560062

Ref:KSSEM/CSE/FDP/2017-18

Date:09/04/2018

CIRCULAR

We are pleased to inform you that the Department of Computer Science & Engineering is organizing half a 5 days FDP on "**JAVA FUNDAMENTALS**" for the faculty of KSSEM on 23rd April 2018 to 27th April 2018 in Aryabhata Seminar Hall. We request all the HODs to depute the faculty members for this FDP.

FDP Coordinator

HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062.