K. S. School of Engineering and Management

Department of Electronics and Communication Engineering

Presents

2-Day Workshop
On

Image Processing & Natural Interfaces Using Matlab & Simulink

conducted by

World Serve Education, Bangalore

8-9 September, 2015

Venue

Aryabhatta Seminar Hall

Two Day Workshop on Image Processing and Natural Interfaces Using MATLAB and SIMULINK

(In Association with World serve Education)

Sir/ Madam,

GREETINGS FROM K S SCHOOL OF ENGINEERING AND MANAGEMENT

I am pleased to inform you that, the Department of Electronics and Communication Engineering of our Institute is organizing **Two Day Workshop on "Image Processing and Natural Interfaces Using MATLAB and SIMULINK"** on 8th and 9th of October 2015.

The main objective of the workshop is to make the **students BE/ M.Tech /Research Scholars** understand the importance of Natural user interfaces (NUI's) and their importance in day to day life with advances in technology.

The workshop gives hands on experience to the participant on NUI's by making the student design and develop his/her own NUI using MATLAB/ SIMULINK..

Also workshop gives an insight into Image Processing in MATLAB/SIMULINK and its importance.
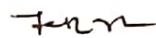
We hence request you to encourage students from your esteemed organisation to make this event grand success. Kindly circulate the invitation and schedule among the students of your department to make them aware about this event.

The complete schedule in detail is attached.

The Speakers:

1. **Mr. Sudhir Rao Rupanagudi,**
   MS in Digital FPGA Design, Res. Assoc - IISC, CEO - WorldServe Education.
2. **Ms. Varsha G Bhat**
   Senior Technical Research Assoc. - WorldServe Education.

Warm Regards,

Permitted

HOD
Professor & Head
Dept. of Electronics & Communication Engineering
K.S. .... Institutions
........ng & Management
Bangalore-560 062

Principal 24|9|15

Principal / Director
K S School of Engineering & Management
Bangalore-560 062

K S School of Engineering and Management
Bangalore 560062

Department of Electronics and Communication

Two Day Workshop on Image Processing and Natural Interfaces Using MATLAB and
SIMULINK
(In Association with World serve Education)

Complete Schedule in Detail

	Time	Event
Day 1 **8th October 2015**	9.00 AM – 9.30 AM	Inauguration
	9.30 AM – 11.15 AM	Introduction to Image Processing and Challenges faced in Processor Designing
	11.15 AM – 11.30AM	Tea Break
	11.30 AM – 12.15 PM	Introduction to NUIs
	12.15 PM - 1 PM	Lunch Break
	1.0 PM – 3.30 PM	Basics of Image Processing in MATLAB/SIMULINK
DAY 2 **9th October 2015**	9.00 AM – 12 AM	Mini Project on NUIs
	12 PM - 1.00 PM	Lunch Break
	1.00PM – 3.00 PM	Mini Project on NUIs
	3.00 PM – 3.20PM	Q&A Round
	3.20PM – 3.30 PM	Vote of Thanks

Note: All Students are instructed to bring the laptops. No Lunch will be provided

Fees

Student (BE/ M.Tech)	200/-

Contact Person:

Mr. Puneeth S, Assistant Professor, Dept. of ECE Ph No: 9164812059	Mr. Suresh K, Assistant Professor, Dept. of ECE Ph No:9060357999	Mr. Syed Waseem Tabraiz Assistant Professor, Dept. of ECE Ph No:9740391814

From,

Date: 05/10/2015

HOD,
Department of ECE
KSSEM,
Bangalore-560062

To,
The principal
KSSEM,
Bangalore-560062

Sub: Budget Estimate for "Two Day Workshop on Image Processing and Natural Interfaces Using MATLAB and SIMULINK"

Respected Sir,

As mentioned above the details of budget estimated for Two Day Workshop on Image Processing and Natural Interfaces Using MATLAB and SIMULINK in our department is as follows.

Sl No	Particulars	Amount(Rs)
1	Flower Bouquet	300
2	Remuneration (2 days)	10,000
3	Refreshment	2000
4	Lunch	500
5	Mementos	1000
6	Banners	1000
7	Miscellaneous	1000
8	Certificate	1000
	Total (Rs)	16800.00

Thank You

HOD 5/10/15

Expenses may be borne by department through student registration

Principal

7/10/15

From,
HOD,
Department of ECE
KSSEM,
Bangalore-560062

To,
The principal
KSSEM,
Bangalore-560062

Date: 14/11/2015

Sub: Expenditure for "Two Day Workshop on Image Processing and Natural Interfaces Using MATLAB and SIMULINK"

Respected Sir,

As mentioned above the details of expenditure for "Two Day Workshop on Image Processing and Natural Interfaces Using MATLAB and SIMULINK" in our department is as follows.

SI No	Particulars	Amount(Rs)
1	Remuneration (2 days)	10,000
2	Snacks	680
3	Coffee, Tea and Lunch	2000
4	Mementos	1200
5	Banners and Certificates	2110
6	Flower and Flower Bouquet	550
	Total (Rs)	16540.00
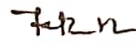
Number of participants registered- 97, Amount collected per Participant – Rs 200/-

Total Amount Collected = 97 x 200   = Rs 19,400/-

Amount spent   =Rs 16,540/-

Amount Remaining   = Rs 2,860/-

Co-ordinator
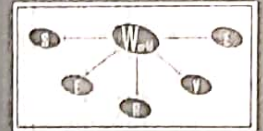
HOD
Professor & Head
Dept. of Electronics & Communication Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bangalore-560 062.

Principal
Principal / Director
K.S School of Engineering & Management
Bangalore-560 062

STUDENT DEVELOPMENT PROGRAM ON IMAGE PROCESSING & NATURAL USER INTERFACES USING MATLAB & SIMULINK

Get ready for the Innovation ! ! !

In Association With

WorldServe Education®

OBJECTIVE:

Imagine a world where computers could be controlled just by waving your hand in the air, where calculations done on a piece of paper can be computed in real time, where eye blinks can be used to communicate with people, where plastic or glass sheets can be used as displays... The main objective of the SDP is to make the student understand the importance of Natural user interfaces and their importance in day to day life with the advances in technology. The course gives complete hands on experience to the participant on NUI's by making the student design and develop his/her own NUI using MATLAB/SIMULINK. The course also gives an insight into Image processing (a major backbone for developing NUI's), image processing in MATLAB/SIMULINK and also basics of the software. The workshop also includes the VLSI perspective of the same. The conference concludes by giving participants a host of case studies highlighting the importance of MATLAB and Simulink in the field of Digital Image Processing!

TYPE OF AUDIENCE:

Current 5th Semester students of EC, TE, EEE and IT branches.

OUTCOME OF THE SDP:

Participants will have a thorough exposure and hands-on experience into MATLAB and gain practical exposure in industry standard tools such as Simulink. The same platforms will be used to develop an NUI. A certificate of participation will also be provided to students.

COMPLETE SCHEDULE IN DETAIL

KSSEM|5·13|BC|15-16|2C|04

Day 1:
09:00 AM – 09:15 AM – Inauguration
09:15 AM – 09:45 AM – Introduction to WorldServe Education and What we do!
09:45 AM – 11:15 AM – Introduction to Image Processing and Challenges faced in Processor Designing
11:15 AM – 11:30 AM – Tea Break
11:30 AM – 12:15 PM – Introduction to NUIs
12:15 PM – 01:00 PM – Lunch
01:00 PM – 4:30 PM –Basics of Image Processing in Matlab and Simulink

Day 2:
09:00 AM – 12:15 PM – Mini-Project on NUI
12:15 PM – 01:00 PM – Lunch
01:00 PM – 4:00 PM – Mini-Project on NUI (Contd...)
04:00 PM – 4:30 PM – Conclusion and Q&A Round.

The Speakers:

1) **Mr. Sudhir Rao Rupanagudi**
(MS in Digital FPGA Design, Sweden; Res. Assoc – IISc; CEO - WorldServe Education)

2) **Ms. Varsha G Bhat.**
(B.E. in EC from YDIT; Senior Technical Research Assoc. – WorldServe Education)

3) **Mr. Vaishnav Ram**
(B.E. in EC from KSSEM; Technical Research Assoc. – WorldServe Education)

And other team members from Major Multi-national companies across Bangalore.

About Us:

Established in 2009, WorldServe Education is one of India's top most premier VLSI Design and software training institutes. We boast of providing World class Education with a difference, to several colleges across the globe!

Currently over 1000 students from various colleges across Bangalore have successfully completed mini-project & FPGA design courses and we have achieved 100% placement with a lot of appreciation from top VLSI industries for our course. We have also developed 60 innovative projects and have produced 21 IEEE papers. All training carried out in WorldServe Education is led by a dedicated team of industry specialists from various organizations including IISc and IIT.

Contact Details:

Head Office:
Mr. Sudhir Rao R.,
WorldServe Education,
Jayanagar,
Bangalore - 560082

Phone:
India (Head Office):
Mobile : +91 96864 54991/53991
Office : +91-80-42067717

Website: www.worldserve.in
Email: training@worldserve.in

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K. S. GROUP OF INSTITUTIONS
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

No. #15,Mallasandra, Off KanakapuraRoad, Bangalore-560062.

KSSEM

60 Years 1952-2012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate
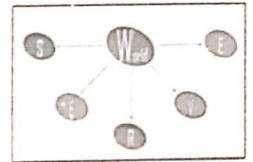
This is to certify that Mr. / Ms. _____ participated in a

of _____

Two Days Workshop on **Image Processing & Natural Interfaces Using Matlab & Simulink**

conducted by **World Serve Education** on 8th and 9th October, 2015.

Mr. Sudhir Rao Rupanagudi
CEO, World Serve Education

Dr. Fathima Jabeen
Prof & Head, Dept of ECE

Dr. S N Sridhara
Principal/Director, KSSEM

K S School of Engineering and Management
Bangalore-62
Department of Electronics and Communication
Two Day Workshop on MATLAB and SIMULINK
Registration Details

Date: 29/9/2015

Sl No	Name	Department	College	Fee Paid	Date	Signature
1.	Usha	EC	KSSEM	200	30/9/15	
2.	Rohith	EC	KSSEM	200	''	Rohith
3.	Ramya.R	EC	KSSEM	200	''	
4	Sundari.PM	EC	KSSEM	200	'	
5	Sandeep Mani	EC	KSSEM	200	1/10/15	Sandeep
6.	Rakshitha G.	EC	KSSEM	200	30/09/15	Rakshitha G
7.	Vyshnavi · B.L.	EC	KSSEM	200	30/9/15	Vyshu
8	Parinitha M	EC	KSSEM	200	1/10/15	Parinitha
9.	Siddharth Nambiar	EC	KSSEM	200	30/9/15	Sidharth
10.	Rojitha.G.N.	EC	KSSEM	200	30/9/15	Roja.g
11.	Rajesh.S	EC	KSSEM	200	30/9/15	Rajesh.S.
12.	Lokesh.S.H	EC	KSSEM	200	1/10/15	Lokesh
13.	SUHAS.R.M.	ECE	KSSEM.	200	1/10/15	Suhas.R.M
14	Allu Gnana prasuna	ECE	KSSEM	200	30-9-15	A.Gnana Prasuna
15	Kavya.G.R	ECE	KSSEM	200	30-9-15	Kavya G.R
16	A.Bhargavi	ECE	KSSEM	200	30/9/15	Bhargav
17	L.Mounika	ECE	KSSEM	200	30/9/15	L.Mounica
18	B.Dileep kumar	ECE	KSSEM	200	30/9/15	Dileep.
19	Priyanka.PG.	ECE	KSSEM	200	3/10/15	Priyanka
20	V.Sivani Manisha	ECE	KSSEM.	200	3/10/15	Manisha
21	P.MANI RAJ	ECE	KSSEM	200	7/10/15	Mani
22	MANJUNATH GANIGA	ECE	KSSEM.	200	7/10/15	Manj
23	Haripriya	ECE	KSSEM	200	30/9/15	Haripriya
24	Priyanka G	ECE	KSSEM	200	30/9/15	Pri
25	Sushma L·H	ECE	KSSEM	200	30/9/15	Sushma
26	Varsha K·R	ECE	KSSEM	200	30/9/15	Vesh
27	V.Suvetha	ECE	KSSEM	200	30/9/15	Suvetha

$$1000 \times 1 = 1000$$
$$500 \times 9 = 4500$$
$$100 \times 88 = 8800$$
$$50 \times 2 = 100$$
$$\overline{14400}$$

62

No.	Name	Branch	College	Amount	Date	Signature
28	VinuthaShree T.K.	ECE	K.S.S.EM	200	30/9/15	Vinutha
29	Vishwaprasad.S	ECE	K.S.S.EM	200	30/9/15	Vishwa
30	Vidyadhar T.S.	ECE	K.S.S.EM	200	30/9/15	Vidhyadhar
31	Prudhvi.P	ECE	K.S.S.EM	200	30/9/15	P.Prudhvi
32	Ujwal.L	ECE	K.S.S.E.M	200	30/09/15	P.Budhi
33	Vijay Kumar M.C	ECE	K.S.S.EM	200	8/09/15	
34	Suraj.S	ECE	K.S.S.EM	200	30/09/15	
35	Rajetha Nanda Prasad.	ECE	K.S.S.EM	200	8/09/15	Nanda
36	Sumukh.Y. Chavan	ECE	K.S.S.E.M	200	30/09/2015	Sumukhy
37	Pramod B	ECE	K.S.S.EM	200	30/09/2015	Pramod.B
38	ABDUL ALEEM	ECE VII	KSSEM	200	30/09/2015	
39	Chethan	ECE VII	KSSEM			
40	NIKHIL TEJA.V	ECE V	KSSEM	200	30/09/15	V.N.T
41	Nagendra.V	ECE V	KSSEM	200	30/9/15	Nagendra.V
42	Sunil Kumar S	ECE V	KS SEM	200	1/10/15	
43	Rahul Srinivasan	ECE V	KS SEM	200	1/10/15	
44	Sumanth Kamath	ECE V	KS SEM	200	1/10/15	
45	Prashanth.D	ECE V	KS SEM	200	23/10/15	
46	Harsha.K.M	ECE V	KSSEM	200	1/10/15	Har
47	Harish.P.Kumar	ECE V	KSSEM	200	1/10/15	Harish
48	RAJESH.C.S.	ECE V	KSSEM	200	1/10/2015	
49	Raghav.R.Bhadkan	ECE V	KSSEM	200	1/10/2015	
50	Sanjay I.S	ECE V	KSSEM			
51	K.Murali Krishna	ECE VII	KSSEM	200	1/10/15	k.mu
52	Jayanth.S	ECE VII	KSSEM	200	1/10/15	
53	Charishma.A	ECE VII	KSSEM	200	1/10/15	Chari
54	Sanjana.S	ECE VII	KSSEM	200	1/10/15	Sanj
55	Meghana.S	-11-	KSSEM	200	-11-	
56	Raghuvees	-11-	KSSEM	200	-11-	Ragha
57	Swaroop Dixit	-11-	KSSEM	200	-11-	Swarup
58	Noothetti Kavya	-11-	KSSEM	200	6/10/15	Kavya
59	Shreeyutha.R	M.Tech (VLSI & ES)	KSSEM	200	1/10/15	Shy
60	Karthik.P.N	-11-	-11-	200	-11-	Karthik.P.N
61	Sandeep.N.J	-11-	-11-	200	-11-	Sand
62	Neethu.R	-11-	-11-	200	3/10/15	Neethu

63	Chaithra. H.M	MTech (EC)	KSSEM	200	5/10/15	Chaithra H.M
64	Akhila. M.A	-11-	-11-	200	5/10/15	Akhila M.A
65	Nesara. R.	ECE	KSSEM	200	6/10/15	Nesara P.
66	Jeevitha. S	ECE	KSSEM	200	6/10/15	Jeevitha
67	Pooja Yadav. S	ECE	KSSEM	200	6/10/15	Pooja
68	Tejashwini. N.C	ECE	KSSEM	200	7/10/15	Tejashwini N.C
69	Arpitha. D Apthi	ECE	KSSEM	200	7/10/15	Arpitha.
70	B. Vaishnavi	ECE	KSSEM	200	7/10/15	B. Vaishnavi
71	chaithra T.P	ECE	KSSEM	200	7/10/15	chaithra
72	Bhavya. S	ECE	KSSEM	200	7/10/15	Bhavya.S
73	manushri. K.U	ECE	KSSEM	200	7/10/15	ma.
74	Divya. R	ECE	KSSEM	000	7/10/15	Divya
75	Amitch A.S	ECE	KSSEM	200	7/10/15	Amitch
76	B Lavya A.D	MTech DCB	KSSEM	200	7/10/15	
77	R. Harshitha	ECE	KSSEM	200	7/10/15	R.Harshitha
78	L. Divya.	ECE	-11-	200	7/10/15	Divya.
79	Sandhya. N	ECE	KSSEM	200	7/10/15	Sandhya
80	Rekha. G.S	E.C.E	KSSEM	200	7/10/15	Rekha
81	V. Gauthami	E.C.E	KSSEM	200	7/10/15	V. Gauthami
82	Sahana J. Rao	ECE	KSSEM	200	7/10/15	Sahana
83	Shilpa K	MTech DCB	KSSEM	200	7/10/15	
84	Shabuddin	-u-	-u-	-u-	-u-	
85	Basavalingappa	-u-	-u-	-u-	-u-	
86	DIVYA SHREE. AL	ECE	KSSEM	200	7/10/15	Shri
87	DEEKCHITHA.S.U	ECE	KSSEM	200	7/10/15	Diva
88	Vasudha D	ECE	KSSEM	200	7/10/15	Vas
89	YOGESH. K	ECE	KSSEM	200	8/10/15	
90	M. Akhil naidu	ECE	KSSEM	200	8/10/15	Akhil
91	M. revathy.s	ECE	KSSEM	200	8/10/15	Mrevy
92	M. Maheswari	ECE	KSSEM	200	8/10/15	Maheswari
93	M.V Hemanth	ECE	KSSEM	200	8/10/15	Hemanth
94	BASAM DHANAMJAYUY	ECE	KSSEM	200	8/10/15	Dhanu.
95	G. HARSHA VARDHAN	ECE	KSSEM	200	8/10/15	Harsha
96	VINDHU V.D	ECE	BNMIT	200	8/10/15	Vindh
97	SEEMA A	ECE	BNMIT	200	8/10/15	Seema
98	NAGALAICHMI	ECE	BNMIT	200	8/10/15	S.Nagalakshi
99	NAVYA G.V	ECE	BNMIT	200	8/10/15	

K.S. GROUP OF INSTITUTIONS
K.S. SCHOOL OF ENGINEERING & MANAGEMENT

No. #15, Mallasandra, Off KanakapuraRoad, Bangalore-560109.

KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT

63 YEARS
1952-2015
Kammavari Sanghama(R) 1952

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

KSSEM/5.1.3/BC/15-16/EC/07

EXCELTRON

Certificate
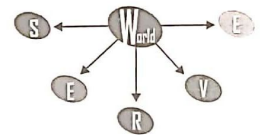
This is to certify that Mr. / Ms. _____

of _____ participated

in Two Days Workshop on **Image Processing & Natural Interfaces Using MATLAB & Simulink**
conducted by **World Serve Education** on 8th and 9th October, 2015.

Mr. Sudhir Rao Rupanagudi
CEO, World Serve Education

Dr. FathimaJabeen
Prof & Head, Dept of ECE

Dr. S N Sridhara
Principal/Director, KSSEM

KSSEM|5·1·3| BC| 15-16| EC|08   20

From,   Date: 23/9/2015

HOD(ECE)
KSSEM,
Bangalore-560062

To,
The principal
KSSEM,
Bangalore-560062

Sub: Budget Estimate for "Two Day Workshop on Image Processing and
Natural Interfaces Using MATLAB and SIMULINK"

Respected Sir,

As mentioned above the details of budget estimated for Two Day Workshop on
Image Processing and Natural Interfaces Using MATLAB and SIMULINK in our department
is as follows.

Sl No	Particulars	Amount(Rs)
1	Flower Bouquet	300
2	Remuneration (2 days)	5000
3	Refreshment	1500
4	Lunch	500
5	Mementos	1000
6	Banners	1000
7	Miscellaneous	1000
	Total (Rs)	10300.00

HOD

Professor & Head
Dept. of Electronics & Communication Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bangalore-560062.

Principal 24/9/15

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