



KAMMAVARI SANGHAM (R), 1952
K.S. School of Engineering and Management

Approved by AICTE-1-5279601, Affiliated to VTU, Belagavi
#15, Near Vajarahalli, Mallasandra, off Kanakapura Road,
Bengaluru - 560 109, www.kssem.edu.in
Tel : +91 80 28425012/013/163, Fax : +91 80 2842 5164, Mob : 8884444408

MEMORANDUM OF UNDERSTANDING

BETWEEN

K S SCHOOL OF ENGINEERING AND MANAGEMENT

AND

V I SOLUTIONS

This Agreement made and entered into on this 29th day of July 2016 between **K S SCHOOL OF ENGINEERING AND MANAGEMENT, Bengaluru- 560109** and **V I SOLUTIONS** (hereinafter called " V I Solutions" which expression shall include its successors and permitted assignees) with its registered office at Bengaluru.

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. to promote interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **VI Solutions** in mutually beneficial areas.
- b. to provide a formal basis for initiating interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **VI Solutions**.

2. PROPOSED MODES OF COLLABORATION

K S SCHOOL OF ENGINEERING AND MANAGEMENT and **V I SOLUTIONS** propose to collaborate through

- a. Supporting R&D projects, which may be carried out wholly at **K S SCHOOL OF ENGINEERING AND MANAGEMENT**.
- b. Any other appropriate mode of interaction agreed upon between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **V I SOLUTIONS**.

3. FORMS OF RESEARCH AND DEVELOPMENT PROGRAMS

The form of any of the said Research and Development Program (hereinafter referred to as "Research Program") will be subject to a separate Research Agreement entered into by the Parties but may also include the following:

- a. **In their own existing facilities** - The performance of research individually by each Party or concurrently by both Parties in mixed groups at their own facilities with regular exchanges of results.
- b. **In a separate research and development facility** - The performance of research by the technical personnel of both Parties working together in the facilities of one Party or in mixed groups at the facilities supported/ sponsored by either Party.
- c. **Third parties** - The performance of research by the Parties together with one or more third parties.

4. TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **V I SOLUTIONS** will be as Communications, Signal Processing and Image Processing.



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5. AGREEMENTS FOR RESEARCH COLLABORATION

Research undertaken by the K S SCHOOL OF ENGINEERING AND MANAGEMENT, the treatment of intellectual property and data rights, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) will be remains to the original inventors and in the college name.

6. CONFIDENTIALITY

- a. During and for a period of three years from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in written or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.
- b. The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:
 - is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
 - is already known or become known to the receiving party
 - is received from a third party having no obligations of confidentiality to the disclosing party,
 - is independently developed by the receiving party; or
 - is required to be disclosed by law or court order.

7. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular research agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

8. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 3 years after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Research Agreement, Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

9. RELATIONSHIP

Nothing in this MOU shall be construed to make either party a partner, an agent or legal representative of the other for any purpose.

- (a) **Curriculum:** The College will introduce a lab-based course using the National Instruments Platform in their undergraduate/Postgraduate engineering curriculum. The college will also explore other ways to introduce Virtual Instrumentation in their curriculum. VI Solutions will help the college in framing Course outline and experiment list.
- (b) **Hands-on-Workshop:** VI Solutions will organize at least one hands-on-workshop on "Embedded System Design" for students and its faculty members as agreed terms and conditions every year. The College will provide the infrastructure facility for conducting such workshop in the campus. VI Solutions will provide certificates for the participants for workshops authorized by National Instruments.



KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

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- (c) **Internship:** VI Solutions will shortlist candidates for internships immediately after the 3 day workshop based on their performance and willingness to work on projects.
- (d) **Workshops/Events:** If the College wishes to organize a national event in the area of the MSP430/Wireless Sensor Network, PCB Designing, Signal processing, Image Processing. VI Solutions will provide speakers.
- (e) **Training Programs:** VI Solutions will assist the college in organizing training programs /tutorials on topics related to MSP430 and Wireless Sensor Network. Faculty members from the college who have undergone train-the-trainer program and who are certified by National Instruments as trainers may run paid VI Solutions certified training programs.

VI Solutions will provide certificates for the participants of such programs.

10. ASSIGNMENT

It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

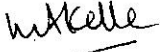
11. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of



**K S SCHOOL OF ENGINEERING
AND MANAGEMENT, BENGALURU**

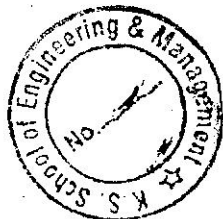
By : 
Name : Dr. Vijayalakshmi Akella

Title : ~~Principal~~ Director

Date : 29-07-2016
K.S. School of Engineering & Management
Bangalore-560 062


Witness :

1. 
Dr. G. Vishu VA
2. 
DR. P. KARTIK



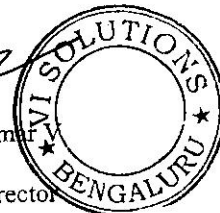
on behalf of

VI SOLUTIONS, BENGALURU



By : 
Name : Mr. Sunil Kumar

Title : Managing Director

Date : 29-07-2016



Witness :

1. 
(Gopalakrishna Murthy CR)
2. 
(Swati Sarkar)

ACTIVITIES UNDER MOU

41

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K S SCHOOL ENGINEERING & MANAGEMENT

Bengaluru – 560109

Department of Electronics and Communication Engineering

The HOD, Faculty, Staff & Students are cordially invites you for

Inaugural Function

of 4 Days Workshop on

“PCB Design using Multisim Tools”

(from 16-08-2017 to 19-08-2017)

Chief Guest

Mr. SUNIL KAMBE

CEO VI Solutions / Resource Person

Dr. S.N. SRIDHARA

Principal / Director, KSSEM

will preside over the function

Dr. GIRISH V. ATTIMARAD

Professor & Head, Dept. of ECE, KSSEM

will grace the occasion

Dr. KARTHIK P

Professor, Dept. of ECE, KSSEM

Venue: Aryabatta Seminar Hall

Time: 8.50 am

Date: 16-08-2017

K S School of Engineering & Management
Department of Electronics & Communication

Circular

14/08/2017

All the staff members and faculty members are informed (those who don't have classes) to attend the inaugural function of "4 Days work shop on PCB Design Using MultiSim Tool" on 16/8/2017 Wednesday at Aryabhata Seminar Hall at 8.50AM.

Workshop Schedule

Sl No	Date	Semester/Section	Timings
1	16/08/2017	3 rd A	9.15 am to 3.50pm
2	17/08/2017	3 rd B	8.45 am to 3.50pm
3	18/08/2017	5 th A	8.45 am to 3.50pm
4	19/08/2017	5 th B	8.45 am to 3.50pm

All the staff members are also requested to attend workshop (any one day) & make use of it.

Note: On above dates only respective section classes will not be there. All other classes will run as per time table.

ENCL: Invitation.

Vinay R - ~~Vinay R~~
 Dinesh - DK

Devika-N B
 Manthik R

Swati - SS

Gopalakrishna

Shanthakumar

Mohan K Jayaraj
 Sanjay N.
 Suresh K V

~~Shilpa~~ - Gunasheela

BARU

~~Shilpa~~ (DND)

Chethan

P - t - Poncelet's

Chaitani Shiravan

SHILPA

Pratibha S.N

Rajal (Renuka V. S)

~~Shilpa~~

MA
 14/8/17

Vidhyak-R.

PCB Design using Multisim Tools in association with V I solutions

Attendance

3rd A 3rd B 5th A 5th B

Sl. No.	Name	Roll No.	3 rd A	3 rd B	5 th A	5 th B
1	ARAVIND.K	KSSEM	Aravind			
2	HARTSH.P	KSSEM	Hartsh			
3	DARSHAN.H.N	KSSEM	Darshan			
4	KARTHIK.B	KSSEM	Karthik			
5	Dhanush	KSSEM	Dhanush			
6	ABHILASH.N.R.	KSSEM	Abhilash			
7	Anurag/Raj Kumar.K	KSSEM	Anurag			
8	AKSHAY WAMPATREY	KSSEM	Akshay			
9	Abhilash.H	KSSEM	Abhilash			
10	Kiron Kumar B.S	KSSEM	Kiron			
11	Hemant Kumar	KSSEM	Hemant			
12	Jayant K.	KSSEM	Jayant			
13	Pranav Sai Chavan	KSSEM	Pranav			
14	Karthik J	KSSEM	Karthik			
15	Jeevitha.G.P	KSSEM	Jeevitha			
16	Aarsha.K	KSSEM	Aarsha			
17	Chetana.T.S.	KSSEM	Chetana			
18	Bhargavi S. Adiga	KSSEM	Bhargavi			
19	Dharsani.D.S	KSSEM	Dharsani			
20	Meghana.S. Atreja	KSSEM	Meghana			
21	K.Teja	KSSEM	K.Teja			
22	A.Bhavya	KSSEM	A.Bhavya			
23	Anurag Varshini.P	KSSEM	Anurag			
24	Mary Menisha	KSSEM	Mary			
25	Kusumashree.A	KSSEM	Kusuma			
26	Meghana Nataraj	KSSEM	Meghana			
27	Bindu.S.R	KSSEM	Bindu			
28	Lakshmi Shavya Parimi	KSSEM	Lakshmi			
29	Garla Anika	KSSEM	Garla			
30	Adithya.S	KSSEM	Adithya			
31	Jay S.P. K	KSSEM	Jay			
32	LAVANYA.R	KSSEM	Lavanya			
33	ARPIHA.M	KSSEM	Arpiha			
34	Bhavany A.V	KSSEM	Bhavany			
35	Mamatha.C	KSSEM	Mamatha			
36	K.Surekha	KSSEM	K.Surekha			
37	Rhodomika.D.S	KSSEM	Rhodomika			
38	Deepthi.B	KSSEM	Deepthi			
39	Prasanna	KSSEM	Prasanna			
40	Lakshitha.P	KSSEM	Lakshitha			
41	DIVYA.D	KSSEM	Divya			
42	Ashalatha.A	KSSEM	Ashalatha			
43	Paola.M.R	KSSEM	Paola			
44	ATIYA FATIMA	KSSEM	Atiya	Atiya		poorva
45	Alekha	KSSEM	Alekha	Alekha		
46	Pooja palu.s	KSSEM	Pooja	Alekha	Alekha	
47	P Bindushree	KSSEM	Bindu	Bindu	Bindu	
48	Kavilha.G.N	KSSEM	Kavilha	Bindu	Bindu	
49	Aishwarya T	KSSEM	Aishwarya	Bindu	Bindu	
50	Anuska.R	KSSEM	Anuska	Bindu	Bindu	

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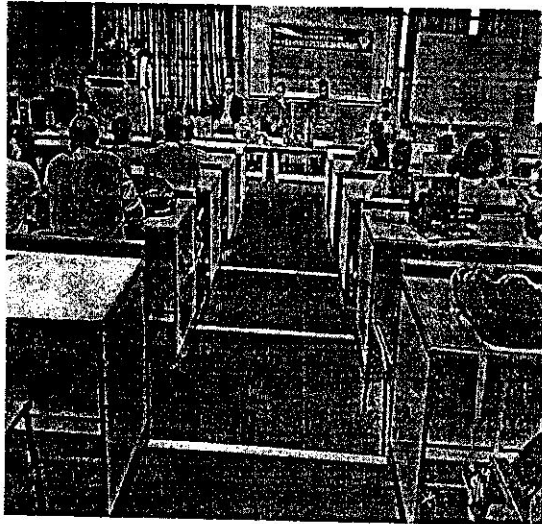
**K S School of Engineering and Management
Bengaluru-560109**

Department of Electronics and Communication

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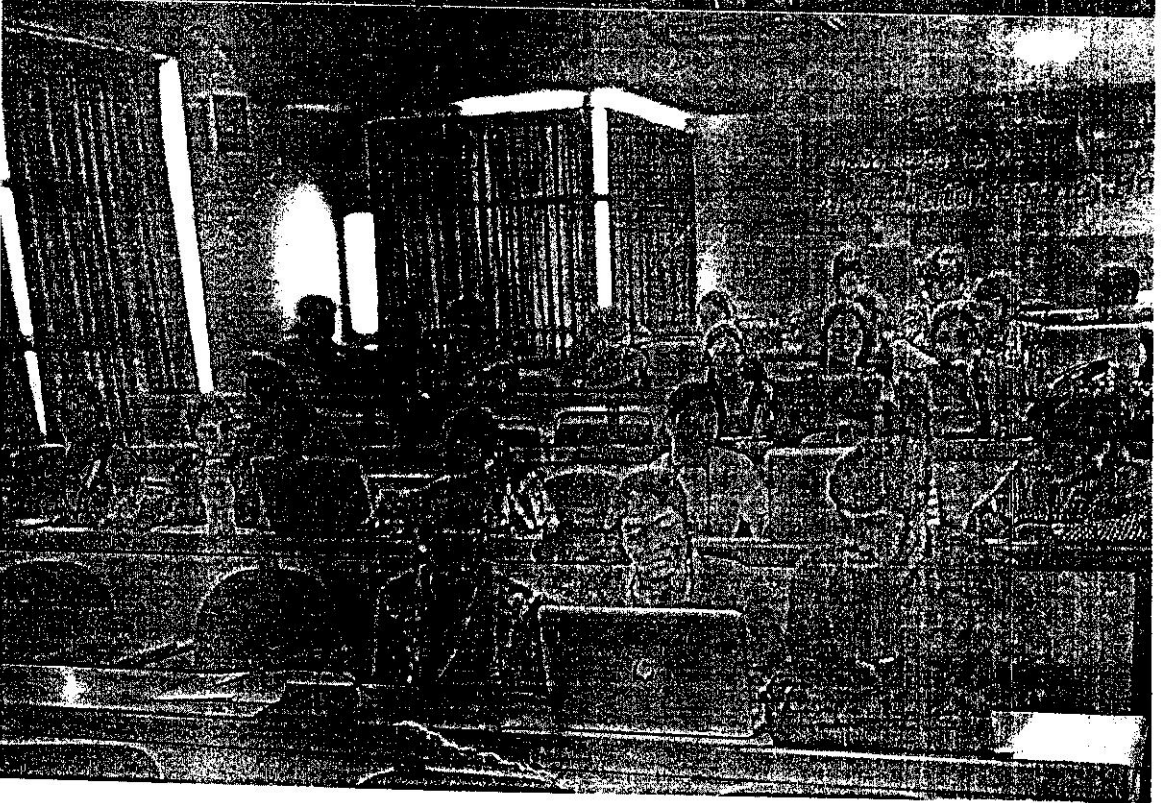
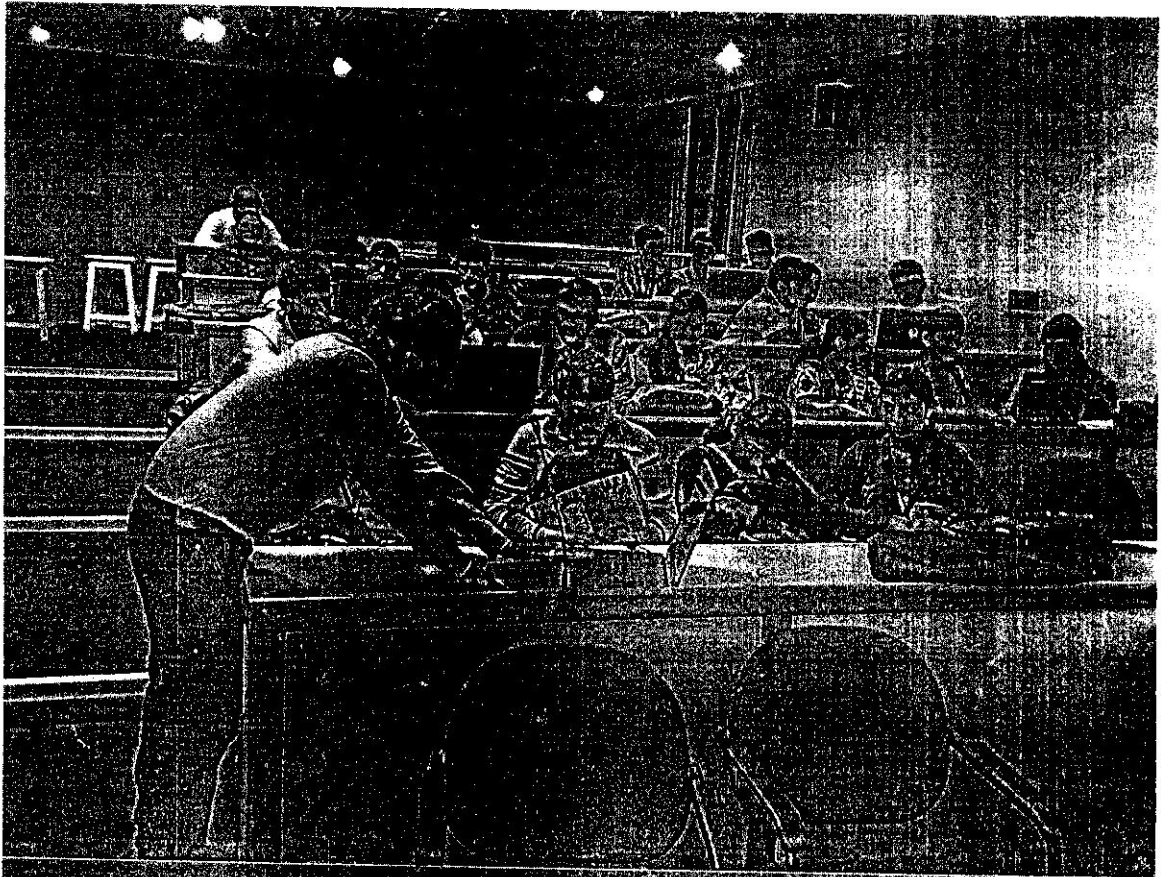
**Four Day Work Shop on PCB Design using Multisim Tools
in association with VI Solutions, Bengaluru
(from 16-08-2017 to 19-08-2017)**

The Program was inaugurated by Chief Guest **Mr. Sunil Kambe CEO VI Solution**, **Dr. Girish V. Attimarad, Professor & Head, Department of ECE, KSSEM** coordinated by **Dr. Karthik P, Professor, Department of ECE, KSSEM** and supported by all the faculty members of the department.



The program offered an intensive hands-on experience on design of electronic circuits using MULTISIM Tool from National Instruments. The program focused to familiarize students to learn the virtual lab concept in electronic circuit design and develop a PCB design out of it. The program helped the students of 2nd year and 3rd year to develop Projects right from Design It was an extremely successful event of the department.

hmr
A/A



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Date: 19.08.2017

To Whom So Ever It May Concern

NI Multisim & Ultiboard Workshop Certificate

This is to confirm that the NI Multisim & Ultiboard Workshop has been successfully completed from **16.08.2017 to 19.08.2017** by Mr. **Prashanth A** at **K S School of Engineering & Management** located at **Kanakapura Road, Bangalore-560062**

Yours sincerely,

Acknowledged By,

For
VI Solutions

Name of the Trainer:

Prashanth A

Designation:

Applications Engineer

Sign:

For

Dept. of ECE, KSSBM, Bengaluru

Name

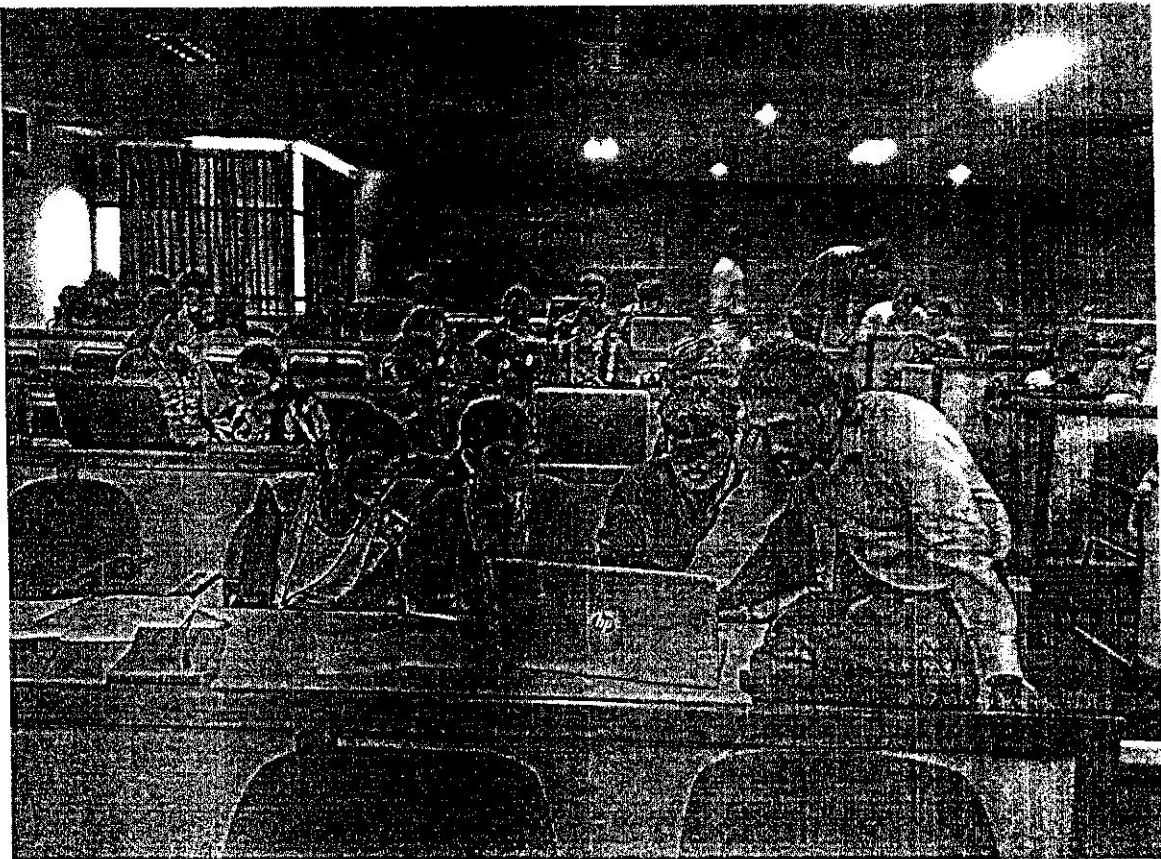
Dr. Girish V. Attimarad

Designation:

Professor & Head

Sign and Seal.


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



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KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

K. S. GROUP OF INSTITUTIONS

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

No. 15, Mallasandra, off Kanakapura Road, Bangalore - 560 109

Ph : 080 - 2842 5012, 013, 163 E-mail : principal@kssem.edu.in Web : www.kssem.edu.in



65
Years

1952-2017

CERTIFICATE

This is to certify that Mr./Ms. Abhilash N.R has participated in the 4-Day Workshop on "PCB Design Using Multisim Tools", conducted by VI Solutions and National Instruments, and organized by the Department of Electronics & Communication Engineering from 16th to 19th August, 2017 held at K. S. School of Engineering & Management.



CHIEF CO-ORDINATOR

Dr. Girish V. Attimarad, Professor & HOD

CONVENOR

Dr. S. N. Sridhara, Principal / Director