



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

KAMMAVARI SANGHAM (R) - 1952  
K.S. GROUP OF INSTITUTIONS

# K. S. SCHOOL OF ENGINEERING & MANAGEMENT

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## ONE DAY WORKSHOP ON MULTI CORE PROGRAMMING

11<sup>th</sup> Dec 2014

Organized by  
DEPARTMENT OF COMPUTER SCIENCE  
&  
ENGINEERING

Timings: 8.40 am-3.50 pm

Venue: Aryabhata seminar hall, KSSEM

kssem/5.1.3/8c/10.15/10/7

**A REPORT ON**

**On**

**“MULTICORE PROGRAMMING”**



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

**Department of Computer Science & Engineering,  
K. S. School of Engineering and Management.  
#15, Mallasandra, off Kanakapura Road,  
Bengaluru – 560 062.**

**A REPORT ON**  
**On**  
**“MULTI CORE PROGRAMMING”**

K. S. School of Engineering and Management (KSSEM) convey its sincere thanks to Dr Sathyadhyan Chickerur, Professor, Department of ISE, BVB college of Engineering and Technology, Hubli for conduction of one day workshop on Multicore Programming.

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.

The programme was started with Inauguration on 11<sup>th</sup> December 2014. Dr Sathyadhyan Chickerur, Professor, Department of ISE, BVB college of Engineering and Technology, Hubli was invited as resource person for the programme and Dr S.N Sridhara, Principal/Director, KS School of Engineering and Management presided over the function. Dr. Aswatha Kumar M, Professor and DEAN, coordinator of the programme has highlighted the importance of Multicore Programming. Dr B.K Raghavendra Professor and Head of Computer Science and Engineering department welcomed the dignitaries and participants to the programme. HoDs and faculty members of various departments were present during the programme.



## **DAY-1 (11<sup>th</sup> December 2014)**

### **Session 1:**

Dr Sathyadhyan Chickerur, Professor, Department of ISE, BVB college of Engineering and Technology, Hubli, began the first session day. He delivered a talk on basics of Multicore Programming, Subroutines in Pthreads and different issues related to threads. He supported his talk with many real time examples. The outcome of his talk was that, the delegates were able to understand what Multicore Programming is.



### **Session 2:**

The second session was also handled by Dr Sathyadhyan Chickerur, Professor, Department of ISE, BVB college of Engineering and Technology, Hubli. He delivered a talk on basics of OPEN MP programming model and OPEN MP runtime environment routines. He supported his talk with example's on OPEN MP. The session was ended by Hands-on OPEN MP programs.

KSSGM/5.1.2)BC/14-15/CS/9

1A-15

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K S School of Engineering & Management  
Department of Computer Science & Engineering  
Workshop on "Multi Core Programming"

Student List

Sl. No.	USN	NAME	11-Dec-14 FN	11-Dec-14 AN
1	IKG14SCS01	ABNISH SINGH	P	P
2	IKG14SCS02	ASHWINI B	P	P
3	IKG14SCS03	DAMODARAM S	P	P
4	IKG14SCS04	DEEPA M	P	P
5	IKG14SCS05	KAVYA N L	P	P
6	IKG14SCS06	KAVYASHREE K	P	P
7	IKG14SCS07	MEGHA M R	P	P
8	IKG14SCS08	SATHYA SHEELA D	P	P
9	IKG14SCS09	SHRUTHI B GOWDA	P	P
10	IKG14SCS10	THEJASHWINI C	P	P

*[Signature]*  
11/12/2014