

### ■ An Engineers Day programme

An ISTE Chapter of our Institute organized an Engineers day programme in our Institute on 1<sup>st</sup> October 2015. The Chief Guest of the programme was Prof. Dr. V. V. Mahajani (Ex. Prof. ICT Mumbai and an Advisory Member of K. K. Wagh Education Society). During this programme, 38 Engineering Teachers were felicitated from different departments of our Institute who presented their research publication at International level. Also faculty who completed their Ph.D. and employee who served institute for 30, 20 and 10 year were felicitated by offering gifts. In his speech while guiding to faculty of the institute, Dr. Mahajani said K. K. Wagh Institute of Engineering Education & Research honed a culture for providing quality education to the students. He focused on role of engineers and developments in engineering field. The critical elements of successful engineers are art, passion, intuition and Inspiration. The President of the K. K. Wagh Education Society Hon. Shri. Balasaheb D. Wagh along with Vice President Hon. Shri. Kashinath Tarle with Principal Dr. K. N. Nandurkar, all heads of Institute and staff were present for the programme.



The Engineers day programme was organized in our Institute on 1<sup>st</sup> October 2015

### ■ Visit by Mr. Vivek Sawant

Mr. Vivek Sawant, Managing Director, MKCL visited the Institute on 10<sup>th</sup> October 2015. He was felicitated by Hon. Shri. Balasaheb Wagh, President, K. K. Wagh Education Society. He had a meeting with Trustees, Principals and HODs of various departments to review the progress of various institutes.



Meeting with Mr. Vivek Sawant.

### ■ Local Managing Committee Meeting

Meeting of Local Managing Committee of the Institute was held in the Central Office of K. K. Wagh Education Society on 23<sup>rd</sup> October 2015. Dr. Omprakash Kulkarni, Prof. Suraj Jhawar was present along with Hon. Shri. Balasaheb Wagh, President, K. K. Wagh Education Society, other Hon. Trustees and elected members.

### ■ Karmaveer Kakasaheb Wagh Jayanti

Karmaveer Kakasaheb Wagh Jayanti was on 26<sup>th</sup> October 2015. On this occasion Principal Dr. K. N. Nandurkar and Head of various departments offered flowers and garland to photograph of Kakasaheb Wagh.



Karmaveer Kakasaheb Wagh Jayanti on 26<sup>th</sup> October 2015

**Felicitation of Hon. Shri. Balasaheb D. Wagh on occasion of his Birthday**

On 19<sup>th</sup> October 2015, the 83<sup>rd</sup> birthday of Hon. President Shri. Balasaheb Wagh was celebrated with full honour. On this occasion Prof. Dr. S. S. Sane felicitated Shri. Balasaheb Wagh on behalf of the institute. Heads of various departments and staff expressed their best wishes to the President Hon. Shri. Balasaheb Wagh.



Felicitation of Hon. Shri. Balasaheb Wagh on his 83<sup>rd</sup> Birthday

**“Vigilance Week” programme in association with Bank of India, Adgaon Naka Branch, Nashik**

An institute organized an awareness programme & elocution competition on account of Vigilance week (26 to 31 October 2015) in association with the Bank of India, Adgaon naka branch, Nashik on 30<sup>th</sup> October 2015. Principal Dr. K. N. Nandurkar delivered the welcome speech in which he discussed about the importance of this week and asked the students to be alert in their transactions and report the incidences if they come across any unethical practices. During this programme a video on vigilance awareness prepared by AICTE, New Delhi was shown to the audience. An elocution competition on the topic “Preventive Vigilance as a Tool of Good Governance” was conducted. Around 20 students participated and 3 winners were

selected. These students spoke on the different aspects of vigilance. From the BOI representatives Mr. Dhananjay Wadherkar, Officer, ACS, BDM office gave details on many preventive measures while doing the bank transactions in online and Mobile banking. The Mr. C. T. Reikhi detailed about the vigilance in all sectors and its importance in day to day life. For these programme representatives from BOI, Adgaon naka branch, Principal Dr. K. N. Nandurkar, Heads of departments, staff members and students were present.



“Vigilance week” programme in the Institute

**Gymkhana Activities**

- Nashik district Inter-Collegiate football tournament was organized by our College on 26, 27 and 28 October 2015. Total 35 teams participated in this tournament. This tournament was divided in two groups A & B. Tournaments of group ‘A’ were conducted on our college campus ground. Our K. K. College team reached quarter-final and final won by L.V.H. Panchvati College with Bytco College Nashik.
- Ms. Ankita Kshatriya selected in Savitribai Phule Pune University team for All India basket ball tournament.
- In football Mr. Milind Nerlekar & Mr. Nikhil Patil are selected in Nashik zone football team for Inter-Zonal football tournament.



Football tournament was organized in the Institute

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**Expert Lecture/Seminar/Courses/Worshop Organized:**

- Computer engineering department organized One day Workshop on “Virtual LAB” by Prof. Dr. S. D. Agashe (COEP) on 5<sup>th</sup> October 2015.
- E&TC department organized an expert lecture on “Personality Development” by Mrs. Sapana Karia, Head (Corp and Public Relations), NEC, Nashik for students on 01/10/2015 and expert lecture on “Project Development Stages” by Prof. Polgavande from Akola for students on 16/10/2015. Same department also organized an expert lecture on “Recent trends in coherent optical fiber communication” by Prof. Dr. P. S. Patil, HOD, SSVPS College of Engineering, Dhule 30/10/2015.
- MCA department organized an expert lecture of Mini Project Competition on 01/10/2015 and same department also organized an Alumni Meet 2015 on 03/10/2015.
- MBA department organized an expert talk on “Consumer protection Act” by an expert Mr. Vilas Deole (Secretary, Consumer Forum) during 03/10/2015 and an expert lecture “Supply Chain Management” by Mr. Manoranjan Nayak (Mahindra and Mahindra) on 10/10/2015. Same department also organized an expert lecture on “Opportunities in Smart cities” by Mr. Jayesh Pai (Ex GM at Central tool room and training centre, Kolkata) on 17/10/2015.
- Training programme of Fire and Safety was organized for teaching and non teaching staff on 27/10/2015 in our Institute. Mr. Pradeep Ghare (Trainer) gets felicitated by the hands of Principal Dr. K. N. Nandurkar.
- Distribution of Offer letter to students selected by KPIT at Dr. A. P. J. Abdul Kalam Career Centre of our Institute was arranged on 28<sup>th</sup> October 2015.

**Seminars/Workshop/Training attended by Staff:**

- Principal Dr. K. N. Nandurkar attended the Global Business Forum (GBF) meet organized by IIT Bombay Alumni association at S. P. Mukharjee Stadium, Goa during 16-18 Oct. 2015.
- Computer Engineering Department Staff Prof. Banait S. S. attended Workshop on “Big Data Computing” at Sandip Institute of Technology & Research Centre, Nashik during 23<sup>rd</sup> to 27<sup>th</sup> October 2015. Same department staff Prof. Ms. Chaitali R. Patil attended “Dead stock Management workshop” at K. K. Wagh Polytechnic, Nashik on 21<sup>st</sup> October 2015 & Prof. Ms. Jyoti R. Mankar of same department attended workshop on “Teaching skill development Programme” during 28-29 October 2015 organized K. K. Wagh Education Society, Nashik.
- Chemical Engineering staff Prof G. B. Daware & Prof. T. B. Mahale attended two days “Teaching skill development Programme” on 28 & 29 October 2015 organized by K. K. Wagh Education Society, Nashik.
- Prof. U. K. Gaikwad, Prof. Ms. S. R. Deshmukh, Prof. Ms. S. N. Chaudhari, Prof. S. K. Badjate and Prof. Ms. N. P. Rane from IT Department attended half day workshop on “Introduction to Virtual Laboratory Concepts” by COEP, Pune on 4<sup>th</sup> Oct. 2015 organized by Computer Department, of our Institute. Same department staff Prof. Ms. A. Y. Kothawade, Mr. D. D. Pardhi and Mr. Mane attended training of “Fire & Safety” on 27<sup>th</sup> Oct. 2015 organized in our Institute. Mrs. Seema Patil and Mr. Tushar Mate of same department attended a “Teaching skill development Programme” on 30<sup>th</sup> Oct. 2015 organized by K. K. Wagh Education Society, Nashik.



Selected students with staff and Company Officials

**Training & Placement :**

| Name of Company       | Name of the Dept. | No.of students selected |
|-----------------------|-------------------|-------------------------|
| L & T Infotech        | Computer Engg.    | 11                      |
|                       | IT                | 03                      |
|                       | E & TC Engg.      | 05                      |
|                       | Electronics Engg. | 02                      |
| Omni Payments, Nashik | ME Computers      | 02                      |
|                       | Computer Engg.    | 17                      |
| KPIT Technologies     | IT                | 08                      |
|                       | Computer Engg.    | 03                      |
| FIN IQ                | Computer Engg.    | 03                      |
|                       | IT                | 03                      |

- nVidia company visited campus on 14<sup>th</sup> and 15<sup>th</sup> of October and selected two students Mr. Prashant Bhende and Ms. Sandhay Parwani from Computer Engineering department with a package of 7.0 lacs per annum.



Selected students with staff and Company Officials

#### ■ Other Achievements

- Institute has signed MoU with True Copy Ltd., Pune to provide online transcript services for students who wish to go abroad for higher studies.

#### ■ Abstracts of papers presented during Oct. 2015:

##### Role of hoops on seismic performance of reinforced concrete joints

Prof.P. D. Dhake

(Published in international journal entitled 'Structural and Building', Vol. 168, Issue 10.)

**Abstract:** Four exterior reinforced concrete beam-column joint specimens with varying amounts of joint hoop reinforcement are constructed and tested under reverse cyclic loading to assess their performance during earthquakes. Headed bars are used in all the specimens. Various parameters such as crack pattern, hysteresis behaviour, modes of failure, energy dissipation, displacement ductility, stiffness degradation and maximum shear strength are studied. The effectiveness of headed bars with short embedded length terminating in the exterior beam-column joint is assessed. As

headed bars have the advantage of transferring a more uniform distribution of compressive stress to the concrete at the headed end, they enable the development of a wider compressive strut in the joint, which enhances the joint shear strength under seismic loading. This makes it possible to reduce transverse reinforcement in joints when using headed bars as longitudinal beam reinforcement.

#### ■ QB-Processor- High performance computing using cubie board

Prof. Dr. Mrs. Preeti Bhamre, Prof. Mrs. Rupali Bora & Prof. Mrunal Patil

(Presented paper in Seminar on Innovative Trends in Engineering Annual Technical Meet 2015 Organized by Institute of Engineers at Pune Local Chapter on 10<sup>th</sup> October 2015)

**Abstract:** In the fast changing world, computation of information demands a lot of processing power for quick results. For this reason, the concept of High Performance Computing (HPC) can be studied. Currently existing systems use Intel processors to enable computation and extraction of data from database. These systems consume lot of power and generate large amount of noise while processing the data. The processing speed of the processors is comparatively low and these processors are quite expensive. As a possible solution to this, a system with RISC based architecture is taken into consideration to compare if it performs better than a system with CISC based architecture. An Intel x86 computer acts as the system with CISC architecture. The implementation of RISC based processor is done with the help of Cubieboard2 which supports the ARM processing architecture. ARM is a family of architecture for computer processors based on RISC architecture. Cubieboard2 is a single-board computer. A comparative analysis of both the systems will be performed. These comparative tests will be based on a variety of parameters such as power consumed, time taken to retrieve query results, request handling by the servers, response time of the systems.

**Keywords:** High Performance Computing, Cubieboard2, RISC, CISC, ARM

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

