



**K.K. Wagh Education Society's  
K.K. Wagh Institute of Engineering  
Education and Research, Nashik.**

October-November 2016

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■ **Celebration of Birth Anniversary of Kakasaheb Wagh**



Karmaveer Kakasaheb Wagh Jayanti on 26<sup>th</sup> October 2016

Karmaveer Kakasaheb Wagh birth anniversary was on 26<sup>th</sup> October 2016. On this occasion Principal Dr. K. N. Nandurkar and Head of various departments offered flowers and garland to photograph of Kakasaheb Wagh.

■ **Visit by Dr. Subhash Bhamre, Minister of State For Defense**



Speech by Dr. Subhash Bhamre

Dr. Subhash Bhamre, Minister of State for Defense visited our institute on 4<sup>th</sup> October 2016. On this occasion he was felicitated by President Hon. Shri. Balasaheb Wagh. He guided all faculties of the Institute. On this occasion Hon. Laxman Savaji, Trustee Changdevdada Holkar, Mr. Narendra Pawar, MLA from Kalyan, Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar were present.

■ **Think Tank Meeting**



Think tank meeting

First Think Tank meeting was arranged in the institute on 8<sup>th</sup> October 2016 in the presence of Prof. B. M. Naik and Shri. N. A. Joshi. Principal Dr. K. N. Nandurkar felicitated both the members on this occasion. In this meeting, Prof. B. M. Naik and Shri. N. A. Joshi provided valuable suggestion on the Vision and Mission statements. Overall session was arranged in brainstorming method. For this meeting, all the Head of departments and senior faculties of the institute were present.

■ **वाचन प्रेरणा दिन-speech by Shri.Swanand Bedarkar**



Speech by Shri. Swanand Bedarkar

The birthday Anniversary of Ex-President of India, Late Dr. A. P. J. Abdul Kalam was celebrated as Reading Inspiration Day on 15<sup>th</sup> October 2016. Shri. Swanand Bedarkar, a well known speaker and Ex. Deputy Editor of "Gavkari" was invited as speaker on this occasion. He delivered a lecture on the topic of "Inculcating the reading culture". In his lucid flow of presentation, he emphasized the need of reading habits by quoting the advantages of reading in developing logical thinking, personality development and oratory development. Shri. Swanand Bedarkar took the review of reading culture in India since ancient era. He also, suggested some new modes of developing reading culture in the present era of digital revolution. He was introduced by Prof. Dr. Sunil Kute. The function was preceded by Principal K. N. Nandurkar and attended by staff and students.

#### ■ Felicitation of Hon. Balasaheb D. Wagh on his 84<sup>th</sup> Birthday



Felicitations of Hon. Balasaheb Wagh

On 19<sup>th</sup> October 2016, the birthday of Hon. Chairman of K. K. Wagh Education Society Shri. Balasaheb Wagh was celebrated in the institute with full honor. Principal Dr. K. N. Nandurkar felicitated President Hon. Shri. Balasaheb Wagh. On this occasion all Heads of department were present.

#### ■ LMC Meeting

Local Managing Committee meeting was held in the institute on 21<sup>st</sup> October 2016. Chairman Shri. Balasaheb Wagh, Trustee Mr. Sameer Wagh, LMC Member Prof. Dr. Vishwas Pangarkar (Ex. Professor of ICT Mumbai), Dr. Omprakash Kulkarni and elected staff members of the Institute were present. Principal Dr. K. N.

Nandurkar welcomed all members. All members gave their valuable suggestions for the overall development of the institute.

#### ■ Syllabus Revision Workshop



Department of Production Engineering organized T. E. Production Syllabus (2015 Course) revision workshop in the institute on 10<sup>th</sup> October 2016 in association with SPPU Pune. Around 40 faculties from various Colleges and industries and from our College participated in the workshop. Principal Dr. K. N. Nandurkar who is also Co-ordinator, BOS (Production and Industrial Engineering) addressed to all the members present and expressed the need for change in syllabus to make it more relevant to the industries. Head of Production Engineering Prof. Dr. P. J. Pawar coordinated the workshop.

#### ■ Expert Lecture/Seminar/Courses/Worshop Organized:

- Mechanical Engineering Department organized an expert talk on "Performance Assessment of Electrical Utilities" by Er. Devkar (Certified Energy Auditor) on 17/10/2016.
- Electrical Department 1<sup>st</sup> shift organized Expert lecture on "Fuzzy Logic Control" by Prof. Dr. N. J. Patil on 05/10/2016 and Expert lecture on "Fuzzy Logic Toolbox in MATLAB" by Prof. Dr. R. M. Nagarale on 15/10/2016.
- Information Technology Department organized a session with external project guide for "Project design phase" by Mr. Mohan Kulkarni, Honeywell Tech., Pune on 8<sup>th</sup>



October 2016. Same department had also organized a workshop on “Project Design phase” for final year students on 24<sup>th</sup> October 2016 by Mr. Anil Wale, Sr. Developer, PSPL, Pune. The objective of the workshop was to review final year projects.

- MCA department organized Expert lecture on “Awareness Session for start-up” by Mr. Girish Pagare, Kumbhathon, Nashik on 17/10/2016. Same department also organized Paper Presentation Competition on 5<sup>th</sup> October 2016. This Competition provides the MCA students with opportunities to exercise and improve both written and verbal communication skills.
- MBA Department organized expert lecture on topic of “How to analyze financial statement and report financial affairs” by CA Vibha Agrawal on 15/10/2016.
- Applied Science & Math Department arranged FE students Parent Teacher Meet on 06/10/2016.
- Meeting with DCP – Mr. Patil and other police officers was organized for demo of Software prepared by students on 19/10/2016.

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

- Chemical Engineering Department staff Prof. Abhijit S. Kshirsagar have attended Five days workshop on “Advances in Membrane Developments & hands on experience” organized by Sardar Vallabhbhai National Institute Of Technology (SVNIT), Surat, Gujrat from 17/10/2016 to 21/10/2016.

■ **Industrial Visits Organized For Students:**

Date	Class	Name of Company
01/10/2016	BE Civil	Sewage Treatment Plant, Nashik
01/10/2016	SE (E&TC)	Railway Traction workshop , Nashik Road
01/10/2016	BE Civil	Sewage Treatment Plant, Nashik
08/10/2016	SE (ELTX)	Railway Traction workshop , Nashik Road
07/10/2016	BE (ELTX)	Sahyadri FMCG, Mohadi, Nashik
10/10/2016	BE Production	M/s. Summit Engineers and Consultants Pvt., Ltd., Satpur, Nashik
13/10/2016	BE Civil	Retaining wall at Dwarka, Nashik
13/10/2016	BE Civil	PSC Bridge construction for Darna River, Nashik

■ **Training & Placement :**

Name of Company	Name of the Dept.	No.of students selected
Wisdom Labs Mumbai	Computer Engg.	02
	MCA	01
Cybage Software Pvt., Ltd., Pune	IT	03
Karda constructions	MBA	14
	MBA	04
ICICI	IT	01
	Computer Engg.	01

■ **Abstracts of papers presented during Oct. 2016:**

**Material flow optimization of flexible manufacturing system using real coded Genetic Algorithm (RCGA)**

Bhosale K. C. and Dr. Pawar P. J.

(Presented in Conference organized by SGGS Institute of Engg. & Technology, Nanded during 6-7 October 2016.)

**Abstract:** In flexible job shop manufacturing system ‘n’ number of jobs are manufactured on ‘m’ machines in the ‘s’ stages. Each product has its predefined sequence. Material processing is scheduled by following alternate process plans. The optimal path to complete the jobs optimise the material flow in the system. Material flow consists of the total completion time which comprises of travel time, waiting time and processing time, etc. So, it is a crucial part in the flexible manufacturing system of decision making to optimize a material flow in the system. In this paper, a Real Coded Genetic Algorithm (RCGA) has implemented on flexible jobshop manufacturing system problem to optimise material flow of the system. The results shows that RCGA can be well applied to solve problems of flexible job shop manufacturing system with better performance in terms of accuracy of solution when compared with genetic algorithm.

**Keywords:** Material flow, Real Coded Genetic Algorithm (RCGA), flexible manufacturing system

■ **November 2016**

■ **Visit by Hon. Shri. Nitin Gadkari**



Felicitation of Hon. Shri. Nitin Gadkari

Hon. Nitinji Gadkari, Union Minister of Road Transport & Highways and Shipping visited our institute on 5<sup>th</sup> Nov. 2016. He was felicitated by President of K. K. Wagh Education Society Shri. Balasaheb Wagh. On this occasion, he guided all staff and students of the various institutes of K. K. Wagh Education Society. He appreciated the development of K. K. Wagh Education Society Nashik.

In a grand function held in the campus, he laid the foundation of many new projects in Nashik Region on behalf of National Highways Authority of India (NHAI). The flyovers currently ending at K. K. Wagh College will be extended to Jatra Hotel for the safety of Staff and students. Several MPs and MLAs in the region and Government Officials were present on this occasion.

■ **Alumni Meet at Bangalore**



Alumni Meet Group Photo

Alumni Meet was held on 26<sup>th</sup> Nov. in The President Hotel, Bangalore. It was attended by 51 Alumni from earlier batches which passed out during 1990 to 2016. The program started with the registration between 6.30 to 7.00pm followed by welcome speech and presentation by Principal, Dr. K. N. Nandurkar. This was followed

by presentation of documentary on K. K. Wagh Education Society, K. K. Wagh IEER and Power Point Presentation by Prof. Dr. S. S. Sane. He shared the objectives of Alumni meet in Bangalore and probable areas of mutual cooperation. Trustee of K. K. Wagh Education Society Shri. Sameer Wagh and Secretary Prof. K. S. Bandi were present for the meet. Subsequently Alumni members expressed their views and introduced themselves and shared their experiences while studying in K. K. Wagh. Alumni meet was summarized by Dr. B. E. Kushare and vote of thanks was proposed by Dr. Pramod Shahabadkar. Many alumni members have expressed their interest to help the institute in the areas like: Delivering Expert lectures, Placement, Career counseling and Training to students.

■ **HR Meet**



Presentation by Prof. Dr. K. N. Nandurkar at HR Meet

The HR Meet was held on 25<sup>th</sup> Nov. in Taj West End Hotel, Bangalore with an objective of providing a platform for an interaction between K. K. Wagh and industry representatives of Bangalore. The focus was on enhancing the existing relations and connecting with new industries. The idea was to get the inputs from industry leaders for enhancing capabilities of our students and making them more employable. Hon. Trustee Shri. Sameer Wagh, Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, Prof. Dr. S. S. Sane, Prof. Dr. B. E. Kushare, Prof. Dr. P. K. Shahabadkar, Prof. Umesh Gaikwad attended the meet. Participants from Manufacturing, IT as well as Service Sector attended this meeting. Some of the prominent members were from

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BOSCH, HAL, Winjit, TMEIC, UE Development India Pvt., KPIT Technologies, ABS India Pvt., Ltd., Astutix Learning Pvt., Ltd., Balpharma and Element 14, Professional bodies like IIFE and IET were also represented by their office bearers.



Group Photo of HR Meet



Views by Participants

### ■ Visits to Corporate Offices in Bangalore



Visit to Ashok Leyland Bangalore

Visit to corporate offices were held during 28<sup>th</sup> to 30<sup>th</sup> Nov. 2016 by two teams of K. K. Wagh. In all they visited 11 corporate offices with an objective of enhancing interactions. These includes: IBM,

EPCOS, Times Group, CGI, Oracle, VMWARE, Schneider R & D Center, Mindtree, ABB, Amazon and Ashok Leyland.

### ■ Inter-collegiate Football Tournament



K. K. Wagh IEER Football team

Inter-collegiate Football tournament was organized in Institute Playground on 30<sup>th</sup> November 2016. KKWIEER players displayed excellent team spirit and won the title among 29 participating colleges. The team was guided by Prof. T. K. Kandekar (Physical Director) , Prof. J. P. Shah (Electrical Department) was mentor the team.

### ■ “Vigilance Week” Program

K. K. Wagh Institute of Engineering Education & Research, Nashik is one of the leading institutes in the state of Maharashtra. The institute organized an awareness program. The function was organized on 16<sup>th</sup> Nov. 2016 in Sir. P. C. Ray Hall (Chemical Department) of the institute. Initially Prof. Prajakta Vispute, Faculty Advisor, ISTE Students’ Chapter delivered the welcome speech in which she 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 program a video on vigilance awareness prepared by AICTE, New Delhi was shown to the audience. Dr. K. N. Nandurkar briefed on the different aspects of vigilance. He provided insight to vigilance week celebration and gave idea about different preventive measures for minimizing the frauds. For this program Principal Dr. K. N. Nandurkar, HOD’s, Prof. Ms. Prajakta Vispute, Faculty Advisor, ISTE Students’ Chapter and Section heads of different departments, staff members and students were present.

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

- Electronics and Telecommunication Department organized Workshop on “Basics of Linux operating systems”. Experts were Prof. K. S. Navale, Prof. S. S. Ansari, Prof. S. A. Karpe, Prof. S. A. Zalte and Prof. D. D. Khartad on 22/11/2016.
- Health Check up camp in association with Abbott was organized on 16<sup>th</sup> November 2016 in the institute. Over 60 students and staff members participated in the Camp and got guidance about Skin Care and Healthy habits.

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

- Electrical Engineering Department Second Shift staff Prof. Tanuja Date has attended event as title of Women Conclave organized by CII (Confederation of Indian Industry) on 25/11/2016.
- Chemical Engineering Department staff Prof. G. B. Daware & Prof. S. S. Shinde have attended Intensive course on “Adsorption Separation” at MIT Alandi Pune on 18<sup>th</sup> Nov. 2016.

■ **Congratulations**

Computer engineering third year student Mr. Vishal Prakash Pattar has been awarded Internshala VTC young achiever scholarship based on his good academic performance. As a winner of this scholarship the student gets free online winter training 2016 on Android App development.

■ **Training & Placement :**

Name of Company	Name of the Dept.	No.of students selected
KPIT	M. E. Computer	01
FinIQ	M. E. Computer	01
Cybage, Pune	M. E. Computer	01
ABB Ltd.	Electrical Engg.	03
Abraca Dabra Pvt., Ltd., Nashik	MCA	04

■ **Other Achievements**

- Hon. Trustee Shri. Sameer Wagh, Principal Dr. K. N. Nandurkar and Prof. Dr. Shirish S. Sane visited Pune on 15<sup>th</sup> November 2016 to attend a meeting with representatives of various Israel Universities at Sakal International Learning Centre. They signed the documents for possible subjects of interaction in future.

■ **Abstracts of papers presented during Nov.2016:**

**Dynamic machine layout for press tool operations using real coded genetic algorithm**

Kailas V. Chandratre, Padmakar J. Pawar and Keshav N. Nandurkar

Production Engineering Department, K.K Wagh Institute of Engineering Education and Research, Panchavati, Nashik 422003,

(International Journal of Metaheuristics, Vol. 5, No. 2, 2016, page: 91-114)

**Abstract:** In today’s economy, manufacturing plants must be able to operate efficiently and respond quickly to changes in the product mix and demand. Layout design has a significant impact on manufacturing efficiency. A static plant layout if possible to be converted to dynamic layout may improve the efficiency of the plant significantly. Dynamic layout is a layout, which can be rearranged with respect to time as per variation in product design, quantity and change in product mix. Dynamic layout problem is a quadratic assignment problem and is of non-deterministic polynomial-time hard problem. In this work, an attempt is made to solve this problem using real coded genetic algorithm (GA), which overcomes some of the limitations of traditional GA. This algorithm has been applied to the dynamic layout benchmark problems to prove its effectiveness. In addition, a real life example is considered to validate the presented approach.

**Keywords:** dynamic layout; press working; real coded genetic algorithm.



Alumni Meet

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

