TECHNICAL NEWS LETTER

■ Public Lecture By Hon. Dr. Sadanand More

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A public lecture by Hon. Dr. Sadanand More (Ex President of Akhil Bhartiya Marathi Sahitya Sammelan) was organized by our Institute on 29th Feb. 2016 at Parshuram Saikhedkar Natyamandir, Nashik. Dr. M. S. Gosavi, Secretary, Gokhale Education Society, Nashik presided over the function. Principal Dr. K. N. Nandurkar delivered welcome speech. Prof. M. B. Murugkar introduced the speaker. Dr. More compared the Modern Literature with the literature written by saints for almost five centuries. He said that the literature by Saints is still relevant because it included people from all walks of life as readers as well as writers. It touched upon various aspects of life which guided the masses towards peaceful living. Its influence on people is still visible. The programme was attended by Hon. Shri. Balasaheb Wagh, President, K. K. Wagh Education Society, Shri. K. B. Tarle, Vice President, K. K. Wagh Education Society, Shri. C. B. Holkar, Trustee, Ex. Minister Shri.

Tukaramji Dighole, teachers from various institutes, students and Nashikites were presented in large member.

■ 'ASCEND-2K16'

Department of MCA has organized State Level Technical Symposium 'ASCEND-2K16' during 5th - 6th February 2016. Mrs. Apporva Jakhadi, Space Educator was the chief guest for the inauguration function. Mr. R. B. Karmase, Divisional General Manager of BSNL, Nashik was the guest of honor and Mr. N. B. Patole, Assistant General Manager of BSNL, Nashik was the dignitary for the inauguration function. Around 600 students from various colleges of Maharashtra like Jalgaon, Bhusawal, Dhule, Satana, Aurangabad etc. were participated in ASCEND-2K16.

Winners of ASCEND-2K16 with faculty and Guest

■ Expert Lecture/Seminar/Courses/Worshop Organized:

- Computer engineering department organized an expert talk on "Fundamentals of Machine Learning" by Ms. Surabhi Mutha on 20th February 2016 and an expert talk on the topic "Control unit design" by Prof. Dr. Anagha Khedakar on 22nd February 2016.
- E & TC Engineering Department organized Seminar on "Non Destructive Testing Systems " for BE (Electronics &

Telecommunication) and BE (Electronics) by Mr. Vasant Pravin Kumar, Mumbai on 14/02/2016 and Mock NBA by Dr. N. R. Gilke, Vice Principal, K. J. Somaiya College of Engineering, Mumbai on 18/02/2016. Same department also organized workshop on "C and C++ programming" for TE (Electronics & Telecommunication) by Shri. Tiwari. Nashik during 4-12th Feb., 2016 and Poster presentation for SE (Electronics & Telecommunication) students on 09/02/2016. Same department also organized Personality development session on "Resume writing, Interview skills & professional ethics" by Mr.Vishal Jategaonkar, PT Education on 12/02/2016, workshop on "Hands on Experience in Electronics" by Mr. Sahastrabudhe on 14/2/2016 & 21/02/2016 and guest lecture on "Introduction to NOFN" by Mr. Shailesh Dhande on 23/02/2016.

- Production Engineering Department organized an expert talk on the topic "Environment Management System" by Mr. Girish Thuse on 06/02/2016 and an expert talk on the topic "Stores Management" by Mr. Rajendra N. Muthal on 13/02/2016.

- Electrical Engineering Department organized Two Days Workshop on "Disruptive innovation and recent trends in energy research and energy storage technologies" from 26/02/2016 to 27/02/2016. It was inaugurated by the hands of Chief guest Dr. O. G. Kulkarni. The resource persons were Dr. R. Venkatesh, Mr. Tushir Malik, Dr. O. G. Kulkarni and Prof. Dr. B. E. Kushare.

Workshop on "Disruptive innovation and recent trends in energy research and energy storage technologies"

- Chemical Engineering Department organized an expert talk on "Cavitation Phenomenon" by Dr. Parag Gogate, Faculty of ICT Mumbai on 04/02/2016 and seminar on "TOFEL & GRE" by Rohit Mehra, Asst. Manager, ETS, USA, Learning Links Foundation, Gurgaon on 08/02/2016. Same department also organized seminar on "Personality Development" by Prof. Subhash D. Rajguru, Assistant Director, Maharudra Career Academy, Nashik on 11/02/2016.

- Information Technology Department had organized a workshop on "Map reduce in Hadoop and Hadoop Eco System" by Mr. Kunal Sharma, Cognizant Technology, Pune and Mr. Pramod Patil, Molla Technologies, Pune on 13th February 2016. Same department also conducted one day workshop on "Java programming-Collections Class" under KPIT Pace Program for Oracle 10g training on 13th February 2016. Prof. U. K. Gaikwad worked as resource person for the workshop.

- MCA department organized an expert lecture on "Cyber Security" by Mr. Rajendra Kute, Police Inspector, Commissioner office, Nashik on 11th Feb. 2016 and an expert lecture on 'Blog' by Dr. Mahesh Sanghavi, Head of Computer Department, SNJB's College of Engineering, Chandwad on 18th Feb 2016. Same department also organized an expert lecture on "Personality Development" by Mr. Subhash Rajguru, Assistant Director, Maharudra Career Academy, Nashik on 20th Feb. 2016 and an expert lecture on "Web Application Development" by Mr. Pritesh Chaudhari, Software Developer, Clover Infotech, Mumbai on 27th Feb 2016.

- MBA Department organized expert lecture on "Preparation for Placement Interviews" by Mr. Anushu Ghosh on 4th Feb. 2016 and an expert lecture on "Employability skills for cut throat Competition" by Mr. Purushottam Thombare (Ex. VP- Graphite India Ltd.) on 6th Feb. 2016. Same department also organized a lecture on "Logistics: The Rising Industry" by Mr. Atul Kulkarni (President, Ports Committee MACCIA) of Dr. Moonje Institute, Nasik on 11th Feb. 2016 and an expert lecture on "Import Export Management" by Mr. Satish Gaidhani

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(Executive Director, Karmyog Engineers) on 27th Feb. 2016. .Same department also organized an expert lecture on "Entrepreneurship opportunities in financial sector" by Mr. Chandak (Director, Udyogvardhini) on 29th Feb. 2016.

- Science & Math Department organized Lecture on "Calculus" by Mr. Chandrashekhar Halai for FE students on 13/02/2016. Ex. Principal of our Institute Dr. V. D. Barve was also present for lecture. Same Department also organized F.E. Teacher Parent Meet on 30 January 2016.

Lecture on 'Calculus' by Mr. Chandrashekhar Halai

■ Seminars/Workshop/Training attended by Staff:

- Computer Engineering Department staff Prof. L. A. Patil attended workshop / training at Department of Computer Engineering, SNJB's K. B. Jain College of Engineering, Neminagar, Chandwad from 4th to 6th Feb 2016.

- Production department Staff Prof. Amol S. Kamble & Prof. Amol Arun Sonawane attended one week Short Term Training Programme on "Advances in Manufacturing Technology and Management" organized by Veermata Jijabai Technological Institute Mumbai from 22nd to 27th February 2016.

- Electrical engineering Departmental staff Prof. Dr. R. K. Munje attended one day Workshop on "Energy Audit of AG Pumps" on 27/02/2016.

- Chemical Engineering staff Prof. S. N. Derle & Students of B. E. Chemical Mr. Murtza Merchant and Mr. Mukesh Patidar attended workshop on "Computational Fluid Dynamics" organized by VIT, Pune from 15th to 19th Feb 2016. Prof. G. B. Daware attended workshop on Recent Development in Heat Transfer organized by NDMVP, K. B. T COE, Nashik from 4th & 5th Feb 2016.

■ Industrial Visits Organized For Students:

Date	Class	Name of Company
05/02/16 to 06/02/16	S.E. ELTX	Aplab Pvt., Ltd., Thane
10/02/2016	S.E. IT	ESDS Software Solution Ltd., Nashik
12/02/2016	T.E. Chemical	Hindustan Coca-Cola Ltd., Nashik
15/02/2016	S.E. Chemical	Activated Sludge Treatment Plant,Panchak, Nashik
16/02/2016	S.E. E & TC	All India Radio Station, Nashik
17/02/2016	B. E. Chemical	Spectrum Ethers Pvt., Ltd., Rasegaon, Nashik

■ Training & Placement :

Name of Company	Name of the Dept.	No.of students selected
Rishabh Instruments	E & TC	02
	Electronics Engg.	01
	Computers Engg.	05
Amazon India	E & TC	04
	Electrical Engg.	03
Wipro Technologies	MCA	01
	Computer Engg.	02
CMS IT Systems, Kalyan	Electronics Engg.	02
	Electrical Engg.	01
	E & TC	01
Shriram Transport	Mechanical Engg.	01
	Electrical Engg.	01
Wiksate Conducted an Internship drive for TE students	Computer Engg.	03
	Civil Engg.	03
	Electrical Engg.	01
	IT	01
	MCA	01

■ Sport Activities

Following students (Players) are selected for All India University Tournament:

- Mr. Sandip Ranive - Fencing
- Mr. Digvijay Sonawane – Fencing
- Mr. Sarvesh Chandratre – Table-Tennis
- Mr. Nilesh Gaikwad – Para-Badminton (Won National Bronze Medal)

■ Other Achievements

- Principal Dr. K. N. Nandurkar was invited as Chief Guest for the valedictory function of two days function on "Competitive Manufacturing Technologies". He also delivered an expert lecture on "Simulation for Manufacturing Competitiveness" on 2nd Feb. 2016 at Gokhale Education Society's R. H. Sapat College of Engineering and Management Research, Nashik. He was also invited as Chief Guest for the inauguration of two days program on 'Research Methodology' organized by S. N. D. College of Engineering, Yeola on 18/02/2016.

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■ Abstracts of papers presented during Feb. 2016:

Smart car parking system using FPGA and E-application

Prof. Dr. S. S. Morade

(Published in International Research Journal of Engineering and Technology (IRJET), Vol. 3 Issue 1, Jan. 2016)

Abstract: This smart car parking system using FPGA and application paper proposes an advanced software application for parking services and the hardware module for the showing actual interfacing between software and hardware. Smart car parking system is the embedded system which allows user to reserve or book the parking slot in advance from home itself and hardware module shows the real time processing at the parking area. For security purpose an image processing technology for Number Plate Recognition is used which identify the vehicle from number (license) plate and compare it with the previously saved data if match found then only allow driver to park their car so that security will be maintain.

■ Real–Time Intelligent Transportation System based on VANET

Prof. Dr. M. R. Admane (Satone)

(International Research Journal of Engineering and Technology (IRJET), Vol. 3, Issue 1, Jan. 2016)

Abstract: There is a rapid growth in the field of Vehicular Ad-hoc Networks (VANET) as they are being used for many applications. One of the important applications of VANET is in Intelligent Transportation systems (ITS). It consists of vehicle-to-vehicle and vehicle-to-infrastructure communications based on wireless local area networks. Traffic accidents and congestion problems are becoming worse these days. Because of vast number of vehicles on road, transportation sector is significantly stressed; this leads to more accidents and fatalities, and adverse environmental and economic impact.

One of the solutions to all these problems is to have intelligent transportation systems, which will help to avoid traffic related problems and can make our life easier. Many techniques have been developed in the field of vehicular ad hoc networks, but they are not that efficient and face a lot of problems at the time of implementation. This paper gives an overview of the past few techniques in this field and presents a real–time intelligent transportation system based on VANET, which addresses the issues of earlier techniques. This technique is based on the RFID and ARM controller to minimize the traffic congestion particularly at the signal nodes, at the same it is providing the vehicles with suitable path having minimum traffic with the help of android mobile application.

Felicitation of Prof. Dr. K. S. Holkar by Hon. Vice Chancellor Dr. Vasudev Gade

Opening of Karmaveer Sport Fest

Prof. Dr. K. N. Nandurkar
PRINCIPAL