

■ **First Meeting of Krishi Sangam organizing Committee**

CII Western region is organizing for first time a farmer's mela titled as "Krishi Sangam-2017" with an objective of making the farmers aware about new and best practices in agricultural field so that income of the farmers can be doubled by 2022. This Krishi Sanagam will be held on 21st and 22nd September and K K Wagh is the venue partner. First meeting of organising committee of CII Western Region of this Krishi Sangam was held on 21st June 2017 at K K Wagh IEER. Meeting was attended by Mr Ashwin Malahotra, MD of Weikfield Foods Pvt., Ltd., Mr Sudhir Mutalik, CEO Positive Metering and other 20 CII delegates of Western region. On the behalf of K. K. Wagh, Meeting was attended by Shri. Balasaheb Wagh, all the trustees and Principals of colleges run by K K Wagh Education Society. Principal Dr K N Nandurkar presented an overview of K. K. Wagh Education Society and President Shri Balasaheb Wagh felicitated Mr Ashwin Malahotra, Chairman of the Organizing Committee, CII. Meeting was anchored by Prof P. K. Shahabadkar and Prof. V. M. Sewlikar, proposed vote of thanks.



Meeting with CII Delegates

■ **Lecture by Dr. Madhavrao Chitale**

Guidance lecture by Dr. Madhavrao Chitale (Recipient of Stockholm water prize and Past Advisory Committee Chairman of our institute) was organized for faculties of the institute on 19th June 2017. On this occasion he was felicitated by Hon. President of K. K. Wagh Education Society Shri. Balasaheb Wagh. For this program Principal Dr. K. N. Nandurkar, All heads of the departments and faculties were present. At the outset Dr. Keshav N. Nandurkar presented a review of various activities carried out by K. K. Wagh Education Society in last 2 years. Dr. Madhavrao Chitale presented the comparison of other developing economies like China, Brazil etc. and the challenges to be faced in future. He suggested that 'Sustainability' will be major issue at global level and our institute should plan to participate in the International conferences which will be held in future.



Expert lecture by Dr. Madhavrao Chitale

■ **Governing Body Meeting**

On 23rd June 2017 Governing Body meeting of the Institute was held in Central Office under the chairmanship of Hon. Shri. Balasaheb D. Wagh, President, K. K. Wagh Education Society Nashik, Trustee of K. K. Wagh Education Society Shri. Ashok R. Mechant and Shri. Changdeorao B. Holkar, Shri. D. P. Nathe, Joint Director, Technical Education

Regional Office, Nashik, Mr. Shrikant R. Karode, Senior Consultant, Principal Dr. K. N. Nandurkar, Prof. Dr. S. S. Sane and other members were present for the meeting



Governing Body Meeting

■ Seminar on 'FE Admission Process'

Seminar on 'FE Admission Process' was organized on 02/06/2017 at Parshuram Saikhedkar Natyagraha, Nashik. Principal Dr. K. N. Nandurkar presented the information about the Institute. Prof. Dr. D. M. Chandwadkar explained the admission procedure to be adopted by DTE in details. All queries raised by the students and parents were answered by Principal and HODs.



Seminar on 'FE Admission Process'

■ NIPM Nashik Chapter Meeting

Meeting of National Institute of Personnel Management (NIPM), Nashik Chapter was held in K. K. Wagh IEER on 16th June 2017 with an objective of connecting and enhancing relations with the industrial managers. Principal Dr. K. N. Nandurkar welcomed the NIPM members and gave the presentation about K. K. Wagh Education Society and details of institutes run by it. Mr. Janardhan Shinde, Chairman, NIPM Nashik chapter, briefed about NIPM activities and its objectives. Dr. Uday Kharote, Secretary, NIMA appreciated the effort of Trustees and Principal in developing the skills of the students. Dr P. K. Shahabadkar, TPO presented plan for "Enhancement of Students Employability

Programs at K. K. Wagh IEER". President, Shri Balasaheb Wagh shared Employee Engagement practices at K. K. Wagh and invited the industry managers to K. K. Wagh for enhancement of Industry-Institute Interactions. Vote of thanks was proposed by Mr. Sudhir Patil, NIPM secretary and programme was anchored by Prof P. S. Vispute. Meeting was followed by training by Gajendra Medhi (Director of Momentum Training & HR Consultant) on subject "Employee Engagement". Meeting was attended by HR Managers of prominent industries like: Mahindra and Mahindra, Mahindra Sona, Sudal Industries, Samsonite, Precision Auto, Lear Corporation, Caprihans. Meeting was also attended by Hon Trustee Shri. Sameer Wagh, Principals of various colleges run by K. K. Wagh Education Society and HODs of K. K. Wagh IEER.



Felicitation of Gajendra Medhi along with Mr. Uday Kharote



President Shri. Balasaheb Wagh along NIPM Office Bearers, Principal and TPO

■ Celebration of International Yoga Day



Celebration of International Yoga Day

International Yoga Day was celebrated on 21st June 2017 by our Institute at Late Meenatai Thakare Stadium in association with Patanjali Yoga Samiti, Nashik. On this occasion all staff of various institutes of K. K. Wagh Education Society performed the Yoga under the guidance of experts from Patanjali Yoga Samiti, Nashik.

NSS Activities

Civil Hospital, Nashik awarded Trophy and Certificate to NSS unit of our institute as 'Best Blood Donation Camp Organizer' for collecting highest blood bags in the year 2016-17. Prof. N. B. Gurule NSS Program officer of the institute received the same on behalf of the institute.



NSS Co-ordinator receiving the award

On 1st July 2017 NSS unit of our institute had organized Tree Plantation activity in association with Forest Department at Take-Ghoti Tal. Igatpuri. In this activity 108 NSS volunteers planted 2500 plants.



Tree plantation

On 9th July 2017 Prayas and NSS of our institute had jointly organized Trekking and Cleanliness activity at Bramhagiri (Trambakeshwar). In this activity 40 volunteers had collected 450 kg plastic waste from Bramhagiri.



Participants in Trekking and Cleanliness activity

Expert Lecture/Seminar/Courses/Worshop Organized:

- Department of Computer Engineering organized One day training on "Language Lab" by Ms. M. J. Patil on 14th June 2017. Same Department organized Two days' workshop on "Problem solving using C" by Prof. S. K. Gondhalekar and Prof. C. R. Patil on 16th and 17th June 2017.
- Department of Electronics & telecommunication organized an expert lecture on 'Education and career opportunities in Singapore' by Sai Kulkarni (Alumni of dept.), Owner, Camellia Solutions, Singapore on 23/06/2017.
- MCA Department has organized a workshop on "Web Development using PHP, MySQL" in association with NEC- TATA Trusts Skill Development Initiative. Twenty Six students were enrolled for the workshop. Web Development theory and practical sessions were conducted by Mr. Ravindra Varpe, Trainer at NEC. Soft Skill session was conducted by Mr. Devdatta Gokhale, Trainer at NEC. Examination of NEC was supervised at MCA department by Ms. Nilesa Salunkhe, Representative of NEC.

Seminars/Workshop/Training attended by Staff:

- Computer Engineering staff Prof. L. A. Patil attended FDP on 'Computer Networks Laboratory' organized by Kashibai Navale COE, Pune on 13th June 2017. Same department staff Prof. I. Priyadarshini and Prof. A. V. Taware attended FDP on "MongoDb and PLSQL" at International Institute of Information Technology, Pune. Also same department staff Prof. J. R. Mankar has attended Public Training program on 'Patent Proceedings, Patent Specification and Patent search Exercise' organized by Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur from 6th to 8th June 2017.
- Electronics & Telecommunication department

Head Prof. Dr. D. M. Chandwadkar and same department staff Prof. P. J. Mondhe attended Faculty development Programme for new syllabus under SPPU Pune on 'Mechtronics' for Third Year engineering organized by AISSMS Institute of Information Technology Pune from 23-24th June 2017. Same department staff Prof. S. R. Chaudhari and Prof. Ansari S. J. also attended Faculty development Programme for new syllabus under SPPU on 'ESD' of Third Year engineering organized by Sinhgad College of Engineering, Warje, Pune. from 23-24th June 2017.

- Chemical Engineering Staff Prof. Tejmal B. Mahale attended five days Faculty development Programme on "Utilization of Computer Techniques in Chemical Engineering" at Dr. D. Y. Patil Institute of Engineering Management & Research Pune from 6-10th June 2017.

■ Other Achievements:

Dr. S. A. Patil (Ugale) was invited on 30/6/2017 as Resource person for STTP on "Hands on Digital and Analog circuits design using VLSI tools" organized by Department of ECT, Jawaharlal Nehru Engineering College, Aurangabad from 27th June to 2nd July 2017.

■ CONGRATULATIONS



Mr. Kailash V. Chandratre completed Ph. D. in Production Engineering from Savitribai Phule Pune University (Research Center: K. K. Wagh IEER, Nashik) under the guidance of Principal Dr. K. N. Nandurkar on the topic "Optimization of Plant Layout under Dynamic conditions using Real coded Genetic algorithm".

■ Abstracts of papers presented during June 2017: Autonomous Wearable Device for Health Monitoring

Vivek V. Mali & Dr. Dinesh M. Chandwadkar

(Presented paper in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 6, Issue 6, June 2017)

Abstract: The growing demand for wearable devices is imposed by the ability to monitor in real-time critical situations in the different areas

of daily life. In many cases, communication is the limiting factor for such devices. One aspect with the fitness bands is that it introduces limitation in range of communication that too a mobile has to be connected continuously via Bluetooth. In this paper, a proposed wearable device with an energy harvesting module has been designed for the measurement of vital signs. The energy-harvesting module is implemented to directly power the electronic circuit board by a chargeable battery power bank. This paper describes the proposed instrumented autonomous T-shirt powered by the battery applied directly on the T-shirt. The instrumented T-shirt is capable of measuring heartbeat, temperature of the body. If the heartbeat or temperature of the person rises above normal limit, an SMS is sent to his near ones indicating the alarming situation. Along with the sms the person's location is also sent using GPS module so that immediate and appropriate help can be provided to save the person's life

Keywords: Wearable Device, Flexible solar panel, GPS & GSM

■ Design and Implementation of BPSK Audio Transmitter & Receiver Using SDR

Prof. Mrs. M. P. Joshi, Prof. Dr. S. A. Patil & Prof. Mrs. D. C. Shimpi

(Presented in International Journals of Advanced Research in Computer Science and Software Engineering ISSN:2277-128X, Volume-7, Issue-6)

Abstract: To meet the requirements of wireless communication industry Software-Defined Radio (SDR) provides an efficient, re-configurable and high performance platform to integrate all individual functions for various modulation and demodulation techniques. The key design step is to determine the digital hardware components of a software radio. This system consists of the BPSK Modulated Radio transmitter and receiver using Linux based GNU radio system. This work presents how the GNU Radio Companion (GRC) and USRP have been used to transmit/receive signals for a wide range of frequencies. The main advantage of this project is that we can implement any transmitter or receiver system without changing the hardware. We have to just change the parameters of software blocks [2] and the low bit error rate.

Keywords: GNU Radio, USRP, BPSK Modulation.

Prof. Dr. K. N. Nandurkar
PRINCIPAL

