



REFRESHER COURSE:

To enhance & refresh the knowledge of the in-service Technologists and Engineers of the Sugar Industry, five days Refresher Course was organized at the institute from 8th – 12th July, 2013 which was inaugurated by Dr. B. K. Yadav, Managing Director, U.P. Cooperative Sugar Factories Federation Ltd., Lucknow.

During the Refresher Course, fifteen lectures on various topics e.g. process options for making refined sugar, energy conservation, by product utilization & pollution control etc. were delivered by the faculty members of the Institute as well as by the eminent Technologists, Agriculturist & Engineers from the sugar industry and other sugar related organizations. Large no. of delegates from Uttar Pradesh, Bihar, Haryana, Karnataka, Punjab, Gujarat & Maharashtra attended the refresher course.



SECRETARY (F & PD) VISIT TO NSI, KANPUR:-

Shri Sudhir Kumar, Secretary (Food & Public Distribution), Government of India, Ministry of Consumer Affairs, Food & Public Distribution, Department of Food & Public Distribution visited Institute along with Shri T. Jacob, Joint Secretary (Sugar & Sugar Administration) on 17.07.2013. During the visit, the Secretary (F & PD) took a round of the institute including Farm, Experimental Sugar Factory and also

interacted with students and research scholars. He stressed upon for more work on future technologies e.g. Cellulosic Ethanol and Energy Conservation. He also discussed the issues relating to lower productivity of sugarcane and hence sugar, particularly, in the sub-tropical region of the country and called upon the staff members to work hard for the overall development of the Institute.



NATIONAL SEMINAR ON “MECHANIZATION OF SUGAR CANE CULTIVATION”

National Sugar Institute, Kanpur, in association with The Sugar Technologists’ Association of India, New Delhi organized one day All India Seminar on “MECHANIZATION OF SUGAR CANE CULTIVATION” on 30.07.2013 at the institute. The seminar was inaugurated by Prof. Ashok Kumar, Vice Chancellor, CSJM University, Kanpur. In his inaugural address, Prof. Ashok

Kumar stressed upon the need to initiate suitable measures and make concerted efforts to maintain the stability of sugar production as per demand. He appreciated the efforts been made by the institute by organizing seminar on such an important topic when acute shortage of farm labour is being felt.



In his address Dr. G.S.C. Rao, President, Sugar Technologists Association of India, New Delhi expressed concern over slow pace of farm mechanization, particularly, in northern India & detailed about the farm mechanization undertaken in other sugar producing countries.

Welcoming the distinguished guests and participants, Shri Narendra Mohan, Director of the Institute appreciated the gesture of STAI, New Delhi for holding the seminar at the institute. "In our country sugarcane harvesting is mainly done by unskilled labours which takes too much time & also at the same time a long time is lapsed between harvesting and crushing of the sugarcane thus causing loss of sugar in sugarcane due to staling which ultimately results in lower recovery of sugar", he added, This situation can be minimized to a large extent by using mechanical means of harvesting & proper transportation. He also emphasized upon development of high yielding & high sugar containing varieties to improve the farm productivity.

Dr. S. Soloman, Director, Indian Institute of Sugar Cane Research Lucknow also addressed the delegates & shared his experiences on development of mechanical sugarcane harvester. Dr. Arun Agarwal, Director, U.P. Council of Sugarcane Research,

Shahjahanpur also expressed his views on the occasion.



Many sugarcane harvester manufacturers, namely, New Holland, Shrijee Engineering Works also made their presentations during the seminar.

INDEPENDENCE DAY CELEBRATED:-

INDEPENDENCE DAY was celebrated on 15th August at the Institute. On the occasion, Shri Narendra Mohan, Director hoisted the National flag and called upon the staff & students of the institute to work with an honest approach & positive attitude so as to extend better teaching/training to the students and technical services to the sugar and allied industry.



SCIENTIFIC SOCIETY INAUGURAL FUNCTION

The inaugural function of the Scientific Society under the Council of Students' Activities was organized at National Sugar Institute Kanpur on 26.08.2013 at the Institute. During the function, new office bearers of the council also assumed the office.

Shri Narendra Mohan, Director, NSI welcomed and introduced the Chief Guest and Guest of Honour.



The function was inaugurated by Shri R. P. Bhargava, Ex. Chief Director (Sugar) and Dr. Alok Kumar, Director, Government Central Textile Institute Kanpur. In his address, Dr. Alok Kumar reiterated that sugar and textile are two major agro based industries and play an important role in the national economy & hence one should feel proud to be a part of these industries.

Shri R. P. Bhargava Ex. Chief Director (Sugar), Govt. of India, Ministry of Consumer Affairs, Food and Public Distribution New Delhi, gave a detailed presentation about the issues before the sugar industry and changed sugar industry scenario in the post-partly deregulated regime as a result of the recommendations of Rangarajan Committee Report.

In his address, Shri Narendra Mohan apprised about the recent technological advancements. "In addition to increasing the productivity at the factory level, the productivity needs to be increased in the field also", he said.

A poster competition on the topics "Co-generation in Sugar Factories" & "Environment Protection through Waste Management" was also organized and the participating students were awarded.

WORKSHOP/SEMINAR ATTENDED:-

1. A National workshop on "Improving quality & supplies of sugarcane to the factories" organized by The Sugar Technologist's Association of India on 22.8.2013 at Lucknow was attended by Shri Narendra Mohan, Director who also delivered a lecture on the occasion.
2. Shri Narendra Mohan, Director, National Sugar Institute, Kanpur attended the 72nd Annual Convention of STAI, 2013 at Indira Gandhi Pratishthan, Lucknow. He was conferred with prestigious "G. S. Mann Gold Medal" award for the year 2012-13 for his contribution to the sugar industry.



3. 72nd Annual Convention was also attended by Shri Doctor Swain, Asstt. Prof. of Sugar Engineering, Dr. Jahar Singh, Asstt. Prof. of Sugar Technology, Dr. Santosh Kumar, Junior Scientific Officer (Bio Chemistry), Shri J.P. Srivastava, Senior Scientific Officer (Design), Shri A.K. Garg , Junior Technical Officer(Sugar Technology), Shri A.K. Asthana, Senior Technical Assistant (Sugar Technology) & Shri A. K. Shukla, Technical Assistant (Sugar Technology).



4. Dr. Jahar Singh attended the Research Advisory Committee meeting on 23 & 24th September 2013 at U.P. Council for Sugarcane Research, Shahjahanpur, U.P.

5. Dr. Swain delivered a lecture on “Bagasse based Co-generation” at Institution of Engineers (India), U.P. State Centre, Lucknow in All India Seminar on “Bio-fuels-2013” on dated 14.07.2013.

हिन्दी पखवाड़ा, 2013:-

सरकारी काम-काज में राजभाषा के रूप में हिन्दी के प्रति जागरूकता तथा उसके उत्तरोत्तर प्रयोग में गति लाने के उद्देश्य से राजभाषा नीति के कार्यान्वयन एवं सम्यक अनुपालन को दृष्टि में रखते हुये संस्था में कार्यरत अधिकारियों एवं कर्मचारियों के बीच प्रेरणाश्रोत के रूप में दिनांक 01 सितम्बर, 2013 से 15 सितम्बर, 2013 तक हिन्दी पखवाड़ा मनाया गया । हिन्दी पखवाड़ा के अन्तर्गत हिन्दी टिप्पण आलेखन, हिन्दी निबन्ध, हिन्दी टंकण, हिन्दी व्याख्यान एवं सामान्य ज्ञान प्रश्नोत्तरी प्रतियोगिताओं का आयोजन किया गया । जिसमें संस्था के अधिक से अधिक अधिकारियों

INTERACTIVE SESSION FOR IAS PROBATIONERS-

Fourteen IAS Probationers visited the Institute on 13.09.2013 to participate in an interactive session on “ISSUES RELATED TO SUGARCANE PRODUCTION, MILLING, MARKETING, MANAGEMENT COST AND RECOVERY OF SUGAR”.

They also visited Bureau of Sugar Standards & Experimental sugar factory of the institute to get first hand information about processing & sugar quality determination.



तथा कर्मचारियों ने भाग लिया ।

अन्त में दिनांक 17-09-2013 को हिन्दी दिवस संस्था में मनाया गया । जिसमें संस्था के निदेशक श्री नरेन्द्र मोहन ने अधिकारियों एवं कर्मचारियों को कार्यालय के काम-काज में अधिक से अधिक हिन्दी में कार्य करने के लिए प्रोत्साहित किया तथा हिन्दी के महत्त्व से अवगत कराया । इसके साथ ही निदेशक महोदय ने विभिन्न प्रतियोगिताओं में विजेताओं को पुरस्कार वितरित किये । इसके अतिरिक्त सरकारी काम-काज में हिन्दो डिक्टेशन, हिन्दी टिप्पण, आलेखन, हिन्दी आशुलिपि एवं हिन्दी टंकण के लिए प्रोत्साहन योजना वर्ष 2013-14 के लिए गठित कमेटी द्वारा अनुशंसा किये गये अधिकारियों एवं कर्मचारियों को भी पुरस्कार वितरित किये ।

ADVISORY/EXTENSION VISITS:-

During the period July - September 2013, technical services were provided to the following:

1. M/s Kisan Sahakari Chini Mills Ltd., Nanauta, Saharanpur, Uttar Pradesh.
2. M/s Bhavnagar Biomass Power Pvt., Ltd., Mallikarjuna Nagar, Mumbai Highway, R.C.Puram, Hyderabad.
3. M/s Nayagarh Sugar Complex, IDCO Tower 2000, Mancheshwar Industrial Estate, Bhubaneswar, Odisha.
4. M/s Oudh Sugar Mills Ltd., Hargaon, Sitapur, Uttar Pradesh.
5. M/s Brij Sugar Industries Pvt. Ltd., Simbholi, Hapur, Uttar Pradesh.

EXTENSION LECTURES DELIVERED BY EMINENT EXPERTS:-

Eminent experts from the sugar industry delivered lectures at the institute for the benefit of the students & staff:

1. A lecture on "Improvement in Plant Productivity with Minimum Investment" was delivered by Shri A. K. Malik, Technical Adviser, Haryana Co-operative Sugar Factories Fed. Ltd., on 26.07.2013.



2. A lecture on "Water Management in High pressure boilers" was delivered by Prof. S. K. Gupta, Ex. Director, National Sugar Institute, Kanpur on 31.07.2013.



3. A lecture on “Analytical Method Validation and Quality Assurance” was delivered by Smt. Padma S. Vankar., Principle Research Scientist, IIT, Kanpur on 20.09.2013.



LECTURES DELIVERED BY THE INSTITUTE FACULTY MEMBERS :-

Institute faculty members delivered lectures on various topics related to processing & engineering from 10-13 September 2013 at Lal Bahadur Shastri Ganna Kisan Sansthan, U.P., Lucknow for the benefit of Chief Chemists, Dy. Chief Chemists, Dy. Chief Engineers and Assistant Engineers working in sugar factories of U.P. Co-operative Sugar Factory Federation Ltd., Lucknow.

ANNUAL SPORTS 2013:-

Annual Sports under the auspices of Council of Students Activities were organized from 10th to 20th September 2013 at the institute. Besides team events e.g. inter class cricket & volleyball, individual events for chess, table tennis, badminton & athletics etc. were also organized.



RESEARCH PAPERS:

Following research papers were published / sent for publication:

1. "Mechanization of Sugarcane Cultivation- the Key to Success" by S. K. Gupta and Narendra Mohan presented during the All India Seminar on "Mechanization of Sugarcane Cultivation" held at Kanpur on 30th July 2013.
2. "Mechanical Harvesting for Better Cane Management and Sugar Recovery" by Narendra Mohan and A. Bajpai presented during the All India Seminar on "Mechanization of Sugarcane Cultivation" held at Kanpur on 30th July 2013.
3. Treatment of Raw Distillery Effluent by Double Compartment Electrolytic Cell using KCL as Reference Electrolyte-By Vikram Kumar Verma, Rakesh Shrivastava and P. K. Jain. published in the proceedings of the 72nd Annual Convention of STAI, September 2013.

APPOINTMENTS:-

Shri Vivek Pratap Singh joined the institute as Junior Technical Officer (Sugar Technology) on 02.09.2013.

SALE OF SUGAR STANDARDS:-

For the purpose of preparing sugar standards for the next sugar season 2013-14, sugar samples were collected from 19 sugar factories situated in different sugar producing states.

New set of sugar standards comprising 7 grades (l-31 & 30, m-31 & 30, s-31 & 30, ss-31) has been prepared. The set of sugar standards was approved by the Standing Advisory Committee on Sugar Standards during the meeting held on 29.8.2013.



The sale of new set of sugar standards shall commence from 01st October 2013. For details visit us at www.nsi.gov.in