



JNKVV NEWS

Official Newsletter of
Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Celebration of 52nd Foundation Day of JNKVV



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Published by

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On October 1, 2015 the 52nd Foundation Day of JNKVV was celebrated with glorious memories. A very impressive programme was organised at Jabalpur. On the occasion, Shri Gauri Shankar Bisen, Minister, Department of Farmer Welfare & Agriculture Development, Government of Madhya Pradesh was the Chief Guest. Dr. Narendra Singh Rathore, Deputy Director General (Education) was the Special Guest. The function was presided over by Prof. V.S. Tomar, Vice Chancellor, JNKVV, Jabalpur.

Shri Gauri Shankar Bisen, proudly reminded the contributions of JNKVV and appreciated the role of scientific technologies developed for various farming-system prevailing in the different agro-climatic regions of the State. He gave the full credit to the University in bringing out the 'Yellow Revolution'. The world famous series of Jawahar Soybean (JS) varieties are being grown in 92 percent geographical area in the country. He also mentioned the varieties of chickpea and wheat that have secured a positive prominent place in farmers-mind. The contribution of development of high yielding varieties are the architect of 'Green Revolution' in central India.

Prof. V.S. Tomar, recalled the various steps for the improvement of teaching, research and extension activities. He discussed the various matching technologies and packages for soil-water nutrient and pest

management in different crops that ultimately enhanced the production. He also discussed the positive and farmer-friendly policies for the supply of seed, fertilizer and pesticides. He concluded that the cumulative effect triggered the journey towards the recognition at national level and helped in 'Krishi Karmana Award' for consecutively three years.

On the occasion, Dr. Narendra Singh Rathore, Deputy Director General (Education) ICAR, New Delhi delivered the Foundation Day Lecture on 'Renewable Energy Sources for Agriculture'. At the outset, he congratulated the scientists and students for the glorious contributions. He expressed his satisfaction towards the human resource development programme at JNKVV, Jabalpur. He also signified the importance of higher-quality education towards the gradual upgradation in agriculture and allied subjects.

While discussing with status, impact and possibilities of energy utilization in Indian agriculture, he concluded that use of renewable energy can contribute to slowing climate change by providing heat, cooling, power generation and fuel for transportation with no or only marginal direct and indirect carbon dioxide and other green house gas emissions. He added renewable energy improves supply security, provides greater flexibility and offers a broad portfolio of applications, sources and

technology solutions. He urged the exploration of current technical potential for renewable use that is six time higher.

During the function, Dr. G.P. Verma, former Director Research Services & former Professor, Department of Soil Science & Agricultural Chemistry, JNKVV, Jabalpur was felicitated and honoured for his pioneer work in Dryland Farming, Ravine management and water harvesting for long term conservation.

Dr. S.K. Mehta, Soybean Plant Breeder and former Professor, Department of Plant Breeding & Genetics, JNKVV, Jabalpur was also facilitated and honoured for the outstanding contribution towards the 'Yellow Revolution' in

central India. The word famous series of Jawahar Soybean plant varieties (JS) was initiated by him. The soybean crop has demonstrated the spectacular impact on economy of the agriculture in the State.

JNKVV - 'Farmer Fellow Award - 2015' was given to three progressive farmers. Adoption of new technology for enhancing production with innovative approaches by Shri Jiyalal Rahangdale (Village Bagadmara, Kirnapur, Dist. Balaghat), Shri Ayodhya Prasad Bhojar (Village Kanchna, Barghat, Dist. Seoni) and Shri Dashrath Kushwaha (Village Kakarbel, Hotegaon, Dist. Narsinghpur) was appreciated.

Celebration of National Seed Day Programme



Concurrently the 'National Seed Day' was organised at Seed Breeding Farm, JNKVV, Jabalpur. The exhibition-cum-technology-demonstration-fare was inaugurated by Shri Gauri Shankar Bisen, Minister, Deptt. of Farmer Welfare & Agriculture Development, Govt. of Madhya Pradesh, in the gracious presence of 500 progressive farmers. In the exhibition-fare, the various technological development, their impact were demonstrated. The Seed Day also exhibited the importance of quality seed and created awareness among the farmers. There were several stalls that provided the information of technologies for seed treatment, seed storage, seed moisture, seed

health, seed vigour, seed germination and quality enhancement Representatives of all the 20 KVKs spread over seven agro-climatic zones also demonstrated the technology adoption by progressive farmers in their respective zones.

Farm-machinery, seed treatment device, Jawahar Seed sale counter, Mushroom cultivation, Bee-keeping, vermicompost and bio-pesticide sale counter were the centre of attraction. On the spot, solution for the management of insect-pest-diseases and weed plants were provided. Equal number of farm women also participated.

Celebration of World Soil Day - Soil Health to Prosperity

On December 5, 2015 World Soil Day was observed at JNKVV, Jabalpur, Considering the significance of the mother-earth, United Nations has declared the Year 2015 as International Year of Soils. Intensive-extensive-farming with non-judicious and indoctrinate application of fertilizers and agrochemicals has adversely affected the soil health. The ill health has resulted in stagnation of capabilities in terms of soil fertility.

On the occasion of World Soil Day, Prof. V.S. Tomar, H'ble Vice Chancellor has reminded the degrading soil. He enumerated the various factors that have adversely affected the fertility of soil. He suggested to boost up the

physical, chemical and biological condition of the soil in various ways. Application of non-hazardous pesticides, enriching the soil through organics botanicals, mulching and balance use of nitrogen's fertilizers is the key factors. Soil-water relationship is very important for the purposes.

Mr. Rakesh Singh, Member of Parliament, Jabalpur has also expressed his concern for the disturbances in soil conditions. Expressed his cultivation, mono-cropping and indiscriminate use of eroding factors is the main cause for





stagnation in crop yield. He advocated the Organic-Farming for good soil health. He urged the agricultural scientists of initiate and provide a good road-map, so that the ill-soil can be made health. In his view, Awareness for soil health among farmers is the need of the day.

In connection with the international Year of Soil (2015) and World Soil Day a glorious programme was organised at JNVV, Jabalpur where Shri Rakesh Singh, Member of Parliament was the Chief Guest while MLA, Shri Sushil Kumar Tiwari, President of Jila Panchayat, Smt. Manorama Patel, Jabalpur, Collector Shri S.N. Rupla, Janpad Member Sharda Yadav, Member Board of Management, Dr. A.K. Khatri, Joint Director Agriculture Department Shri N.K. Netam, Deputy Director, Dr. Anand

Mohan Sharma graced the function. Director Research Services Dr. S.K. Rao and other officers of the University were also present.

At the occasion, a special commemorative volume of JNKVV Research Journal on Soil Health was released. Soil health cards were also distributed to farmers. The preparation and distribution of soil health would be continued process by the University.



RESEARCH

Resource Generation

Products (seeds, fertilizers, insecticides, weedicide, PGR etc.) of different chemical firms/agencies were received for testing and funds of Rs 1,10,17,750/= (Rupees one crore, ten lakhs, seventeen thousand, seven hundred fifty only) have been received as internal resource under Consultancy Processing Cell of JNKVV, Jabalpur.

Varietal Development

Release proposals of 22 varieties of different crops viz. linseed, sesame, niger, castor, rice, maize, kutki, millet, sugarcane, vegetable crops and fruits have been received from respective breeder for identification at Vishwa Vidyalaya level prior to submission to SVRC.

New Projects Sanctioned

Nine *ad-hoc* project proposals worth Rs. 68.78 lakhs have been sanctioned by ICAR and other agencies of Government of India as under:

- *Shuttle Breeding for Developing Wheat Genotypes of warmer areas.* Powarkheda. P.I. - Dr. P.C. Mishra, Principal Scientist (PB), ZARS, Powarkheda. Financial outlay: Rs. 4.98 lakhs, duration: three year (vide No. 9-84IIWBR/SB/2015-16/6807-10 dated 14.8.2015).
- *Shuttle Breeding for Developing Wheat Genotypes of warmer areas.* Jabalpur. P.I. - Dr R.S. Shukla, Principal Scientist, JNKVV, Jabalpur. Financial outlay: Rs. 4.98

lakhs, duration three year (vide No. 9-84IIWBR/SB/2015-16/6807-10 dated 14.8.2015).

- *NICRA - Phenotyping and genetics enhancement for tolerance to prioritized abiotic and biotic stress in wheat.* P.I. - Dr. P.C. Mishra, Principal Scientist (PB), ZARS, Powarkheda. Financial outlay: Rs. 9.60 lakhs, duration: 2 years by IIWBR (ICAR), Karnal, Haryana.
- *Biotic stress in wheat under changing climatic scenario.* P.I. - Dr. K.K. Mishra, Senior Scientist (PI. Pathology), ZARS, Powarkheda. Financial outlay: Rs. 13.00 lakhs, duration: 3 years (2015-2018) (vide No. 9-79/IIWBR/ BS/ 2015-16/6718-19 dated 14.8.2015).
- *Network project on enhancing the barley production and quality under changing climatic conditions.* P.I. - Dr. A.K. Singh, Principal Scientist (Plant Pathology), College of Agriculture, College of Agriculture, Rewa. . Financial outlay: Rs. 1.66 lakhs (2015-16) (vide No. F.9(85)/ Fin/EBP/IIWBR/2015-16 dated 10.9.2015).
- *Tribal Sub Plan (TSP).* P.I. - Dr. R.S. Shukla, Principal Scientist (PB), JNKVV, Jabalpur. Financial outlay: Rs. 3.50 lakhs (2015-16) by IIWBR-AICW & BIP.
- *CRP on Agro-biodiversity PGR II.* P.I. Dr. A.K. Bhowmick, Professor & Head, Department of Entomology, JNKVV, Jabalpur. Financial outlay: Rs. 2.00 lakhs, duration: 1 year (2015-16) by NBPGR, New Delhi.
- *CRP on Hybrid Technology on Wheat.* P.I. - Dr. R.S. Shukla, Principal Scientist (PB). Financial outlay: Rs. 17.60 lakhs (e-mail dated 14.9.2015).

- CRP on **Hybrid Technology** on Rice. P.I. - Dr. G.K. Koutu, Principal Scientist (PB). Financial outlay: Rs. 18.10 lakhs.(vide e-mail dated 14.9.2015)

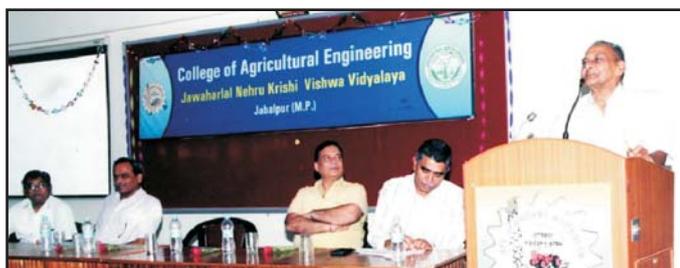
EXTENSION ACTIVITIES

- "Jai Kissan Jay Vigyan" week was celebrated during 28 December 2015 to 1 January 2016. During the programme technical staff and students participated in debate and poster making competition on the topic "Present education is basic cause of migration of rural youth".
- Engineer Day was organized on 15 September 2015 at



College of Agricultural Engineering, Jabalpur. On the occasion, lectures were delivered by "Prajapati Eswariya Vishwavidyalaya" on 'how to keep calm and cool from the stressed conditions of mind'. The dignitaries present were Rohit Bhai, Dr. Shyam Ji Rawat (Cancer Specialist), sister Sweta Didi and sister Versha Didi.

- Review Meeting of State Plan/Tribal Sub Plan projects under operation in JNKVV has been organized under the Chairmanship of Prof. V. S. Tomar, Hon'ble Vice Chancellor, JNKVV, Jabalpur on 10th July 2015. All the Project Incharge of State Plan/Tribal Sub Plan Project have attended the meeting. Dr. S. K. Rao, Director Research Services, Dr. D. K. Mishra, Director Farms, Dr. Dev Kant, Dean, College of Agricultural Engineering, JNKVV, Jabalpur were present in the Meeting.



- Dr. Govind Nema 'Manas Ratna' delivered his lecture on 14 September 2015 for "Hindi Diwas" at College of Agricultural Engineering, Jabalpur. Students and technical staff participated in different competition like Poster Making, Short Message Writing Slogan and Debate.
- An interactive Session on "Career Opportunities and Agricultural Administrative Reforms in India and Role of AIASA" was organized by All India Agricultural Students Association (AIASA), Jabalpur in collaboration with JNKVV, Jabalpur on 19 August, 2015 in the auditorium of

College of Agriculture, Jabalpur. In this programme Dr. S.K. Rao, Dean Faculty of Agriculture, Dr. (Smt.) Om Gupta, Dean, College of Agriculture, Jabalpur, Dr. V.K. Pyasi, Dean Students Welfare, Senior officers, teachers and students attended the session.

PERSONALIA

- Dr. P.K. Mishra has assumed the charge of Dean Faculty of Agriculture, JNKVV, Jabalpur on November 7, 2015.

ACADEMIC ACTIVITIES

- An on-line off-campus joint counseling for admission in B.Sc. (Ag.)/B.Sc. (Forestry)/B.Sc. (Horticulture) and B. Tech. (Agricultural Engineering) during the academic session 2015-16 for both the Agricultural Universities of the State i.e. JNKVV, Jabalpur and RVSKVV, Gwalior was organized by JNKVV, Jabalpur from 15 July to 23 September 2015 in four rounds.
- A counseling for admission in Horticulture Diploma Course in two subjects "Nursery Management" and "Seed Production" during the academic session 2015-16 was organized on 27-28 July 2015 at Horticulture Vocational Education Institute, DHRTC, Garahakota, District - Sagar in three rounds.
- The University received an amount of Rs. 191.61 lakh towards the Strengthening & Development of Higher Agricultural Education during 2015-16 as first Installment of Development Grant from Deputy Director General (Education), Indian Council of Agriculture Research, New Delhi in the month of September-2015.

VISITS OF DIGNITARIES

- Dr. N.S. Rathore, Deputy Director General (Education), ICAR, New Delhi visited College of Agricultural Engineering on 1 October 2015 and appreciated about progress of the college and advised measures to be taken for improvement of education standard.

STUDENT ACTIVITIES

- Sixteen students were selected in IIT and NIT institutions through GATE (Graduate Aptitude Test in Engineering) by securing third and ninth All India Ranking and others.
- Under ICAR Fellowship Programme, 14 students got Junior Research Fellowship and two students got Senior Research Fellowship .
- Mr. Rupesh Jairam Patil, PG student, Department of Soil & Water Engineering under the guidance of Dr. S.K. Sharma was selected for Ph.D. degree programme at Charchil College, Cambridge University, UK. He got scholarship of Rs. 37 Lakh per annum.
- In Soil Conservation Department, Govt. of Rajasthan fourteen students were selected as Junior Engineer.