

# JNKVV NEWS

Official Newsletter of  
Jawaharlal Nehru Krishi  
Vishwa Vidyalaya, Jabalpur



## Dr. V.S. Tomar - our new Vice Chancellor



Dr. Vijay Singh Tomar joined as Vice Chancellor, JNKVV, Jabalpur on November 23, 2012. He is widely acclaimed as an agriculture scientist, teacher, research manager and

administrator. Born on July 1, 1946, Dr. Tomar started his professional carrier in agriculture in 1972 after obtaining Ph.D. degree from Govind Ballabh Pant University of Agriculture & Technology (Pantnagar) in Soil Science, Masters from JNKVV, Jabalpur and Bachelor from College of Agriculture, Gwalior: Post-Doc from International Rice Research Institute, Manila, Philippines (1978 - 80).

Prior to joining the present position, Dr. Tomar was the founder Vice Chancellor of Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior (21.8.2008 to 20.8.2012). Dr. Tomar served Govind Ballabh Pant University of Agriculture & Technology, Pantnagar as Assistant Professor and Associate Professor, Soil Science (5.8.1972 to 27.4.1985); he joined JNKVV, Jabalpur as Professor in 1985 and served as Professor and Head (25.11.1992 to 26.7.1996); Dean, RAK College of Agriculture, Sehore (27.7.1996 to 1.12.2001); Director Extension (3.12.2001 to 9.6.2003); Director Research (10.6.2003 to 30.6.2008) and Dean, Faculty of Agriculture (11.6.2004 to 30.6.2008).

Dr. Tomar established UNDP/ICAR Centre of Advanced Studies in Soil Science and Biotechnology Centre with advanced facilities at JNKVV, Jabalpur. He has published more than 95 scientific papers in national and international journals, eight books and manuals, more than 30 popular articles and several

bulletins. He also helped in planning and establishment of College of Horticulture, Mandsaur; Colleges of Agriculture, Tikamgarh and Ganjbasoda; and Dryland Horticulture Research Centre and Centre of Vocational Education in Horticulture, Garhakota (Sagar) in Madhya Pradesh.

He received Jawaharlal Nehru Award of ICAR (1974); Biennial Best KVK Award of ICAR (2002), and Golden Jubilee Best Agricultural Scientist Award (1997) of Government of M.P. as well as Best Agricultural Scientist Award (2007) from State Bank of India. He was Councilor of Indian Society of Soil Science and Indian Society of Water Management. He is Fellow of National Academy of Agricultural Sciences and Indian Society of Soil Science. He visited several countries on various official assignments.

In the field of agriculture as an administrator, he gave new dimensions to teaching, research and extension in the State of Madhya Pradesh. He was instrumental in the development of many institutes. Development of agricultural technology for marginal and poor farmers, enhancement of production with reduction in cost of cultivation, management of soil and water for enhancement of productivity, achieving high yield from the rainfed agriculture in tribal areas, development of farmers friendly technologies, dissemination of improved technologies and quality improvement in agricultural education. He is a member of various Institute Management Committee, Research Advisory Committee, Board of Directors, Quinquennial Review Team and various committees of ICAR. Dr. Tomar took over the charge of Vice Chancellor from Dr. N.N. Pathak, Officiating Vice Chancellor, JNKVV, Jabalpur (w.e.f. 12 July 2012 to 22 November 2012). JNKVV welcomes new Vice Chancellor.

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## RESEARCH ACTIVITIES

### New Varieties Released

- **MP 3336 (Wheat):** Variety MP 3336 has been released by Central Varietal Release Committee, New Delhi in December 2012. It matures in 95-105 days, *aestivum* semi-



Thermal heat tolerant wheat variety MP 3336

dwarf, good tillering, bold and shiny grains with better *Chapati* making quality, rich in micro-nutrients, tolerant to terminal heat and rusts of wheat. It gives yield of 48 to 52 q/ha under irrigated late sown condition of Central zone.

- **MP3288:** *Aestivum* wheat (released in October 2012) for rainfed and restricted irrigated



Management responsive wheat variety MP 3288

areas of Central zone, matures in 120-122 day, tolerant to heat, semi-dwarf, bold and shiny grain with good *chapati* making quality. It gives 35-38 q/ha yield under one irrigation. Responsive to fertilizer and irrigation.

## NEW PROJECTS SANCTIONED

- Baseline survey of flora and fauna around atomic power plant at Chutka, Dist. Mandla. P.I.: Dr. S.D. Upadhyaya, Professor (Crop Physiology), College of Agriculture, Jabalpur. Funding agency: Govt. of India (BARC), financial outlay: Rs. 24.33 lakh, duration: two year.

- Development of farm equipment and machinery testing, training and demonstration facility at JNKVV, Jabalpur. P.I. Dr. Atul Shrivastava, Professor (FMP), JNKVV, Jabalpur. Funding agency: State Govt. (under RKVY), financial outlay: Rs. 160.00 lakh, duration: 2 year.

## EXTENSION ACTIVITIES

- A five day training programme on quality assurance for better productivity was organized in the Department of Plant Breeding and Genetics, JNKVV, Jabalpur from December 3-7, 2012. The programme was sponsored by National Seed Research and Training Centre, Varanasi. The event was inaugurated by the Chief Guest Dr. V.S. Tomar, Vice Chancellor, JNKVV, Jabalpur and Dr. P. Masilamani, Director, National Seed Research and Training Centre, Varanasi in the presence of Dr. S. S Tomar, Director of Research Services and Dr. S. K. Rao, Dean, Faculty of Agriculture, JNKVV, Jabalpur. Thirty participants representing the



Group Photo of training programme sponsored by NSRTC, Varanasi

States of Bihar, Chhittigarh, Tamil Nadu, Manipur and Madhya Pradesh have participated from various agencies of Seed Certification, Seed production, Department of Agriculture, Seed Research and teaching faculty of Seed Technology.

- A training programme on "Improved Crop Production Techniques" was conducted for the officials of Department of Agriculture and Horticulture from October 4-9, 2012 at the Directorate of Extension Services, JNKVV, Jabalpur.

- National Mathematics Day 2013 was celebrated at JNKVV by the Department of Mathematics & Statistics, during December 22-28, 2012 involving students, teachers, staff and experts. The event was sponsored by M.P. Council of Science and Technology, Bhopal to create awareness of mathematics among school children, B.Tech., M.Tech., B.Sc.(Ag) and M.Sc.(Ag) students through various programmes, i.e. popular lecture, quiz competition,



Celebration of National Mathematics Day sponsored by MPCST, Bhopal

puzzle and chart preparation. A popular lecture was delivered by Dr. Prajneshu, Professor and Head, Deptt. of Biostatistics and Modeling, IASRI, New Delhi, who had provided the applied knowledge to the scientists of

JNKVV, Jabalpur, Directorate of Weed Science, TFRI and SFRI. The activities were coordinated by Dr. H.L. Sharma, Professor & Head (Maths) and Dr. R.B. Singh, Professor (Maths).

- TV Programme recorded for mass communication on different aspects like production technology of rice, soybean, maize, mushroom, cultivation rejuvenation of mango orchards and techniques for production of genuine planting material and pest management of soybean, rice were telecast by Doordarshan Kendra, Bhopal.

- More than 1500 farmers and farm women were made aware



Training of farmers at Krishi Vigyan Kendra, Jabalpur

through organizing 72 training programmes at Krishi Vigyan Kendra, Jabalpur on various aspects of crop production and protection, soil management, women empowerment, cultivation of horticultural crops as well as seed production technology of important crops.

- Four Vocational training programmes were organised by Krishi Vigyan Kendra, Jabalpur on stitching and tailoring, vegetative propagation, handicraft and nursery management for school drop-outs, unemployed women and rural youths in order to generate employment. A total of 71 people were benefitted through the



Vocational training programme conducted by KVK, Jabalpur

vocational trainings.

- Training on "Advances in agro-technologies for improving soil, plant and atmosphere system" was organised under Centre for Advanced Faculty Training (CAFT) programme during October 11-31, 2012 by the Department of Soil Science & Agricultural Chemistry. 20 scientists across the country participated in the training programme.

## ACADEMIC ACTIVITIES

- The Rural Agriculture Work Experience (RAWE) / Forest Work Experience (FWE) programme for the final year students of B.Sc. (Ag)/ B.Sc. (Forestry) was commenced in the month of June 2012 with 267 students. These students were placed in different Krishi Vigyan Kendra / Zonal Agricultural Research Stations / Rural Agricultural Research Stations of JNKVV under village stay programme. Collegewise students participated in RAWE and FWE programme during 2012-13 were 39 girls, 57 boys from College of Agriculture, Jabalpur; 18 girls, 59 boys from College of Agriculture, Rewa; 4 girls, 30 boys from College of Agriculture, Tikamgarh; 2 girls, 42 boys from College of Agriculture, Ganjbasoda and 3 girls, 13 boys under FWE programme from College of Agriculture, Jabalpur.



Participation of undergraduate students in RAWE programme

- B.Sc. Forestry IV year students visited National Research Centre on Agro-forestry and Indian Grassland and Fodder Research Institute, Jhansi from March 27-29, 2012 and participated in practical training on agro-forestry models, i.e. agri-horticulture, silvi-pastoral and agri-silviculture systems etc. Students were exposed about the seed production farm, various grasses to be grown for getting green fodder in summer season to enhance the milk production and learnt about on-going research activities under forestry work experience programme.

- Lovit Bharti, B.Sc. (Forestry), Ex-student, Department of Forestry has been selected for Indian Forest Services 2012. He was the first student selected for IFS from the Department of Forestry.

## MEETINGS

- Experts from Japan visited JNKVV, Jabalpur during November 26 to December 2, 2012 under JICA and discussed the progress of ongoing projects of JICA for eastern and western part of Madhya Pradesh with the Principal Investigators of respective projects.

## AWARDS

- Er. V.K. Tiwari, Associate Professor, College of Agricultural Engineering, Jabalpur received the

Best Paper Award on paper entitled "Studies on water uptake ratio of brown rice" and Dr. A.K. Rai, Bharati Dass, R. Sahu and A. Raghuwanshi received the Best Paper Award on paper entitled "Use of Information Technology for Integrated Weed Management" during National Seminar on Modernization and Monitoring of Irrigated Commands organised at College of Agricultural Engineering, JNKVV, Jabalpur during November 21-22, 2012.

- Ku. Niharika Shukla, Ph.D. Scholar (Plant Breeding and Genetics) got second best poster paper presentation award on "Selection and screening of stable chickpea genotypes against high temperature tolerance" in the National Seminar on Agricultural Production and Protection in context of Climate Change held at Bihar Agricultural University, Ranchi from November 3-5, 2012.

## PERSONALIA

- Dr. S.K. Rao, Dean, College of Agriculture, Rewa has taken over the charge as Dean Faculty of Agriculture, JNKVV, Jabalpur on November 6, 2012, appointed by His Excellency the Governor of Madhya Pradesh and Chancellor of the University.

- Dr. N.N. Pathak, Professor & Head (Forestry) has taken over the additional charge of Director Farms on November 19, 2012.

- Dr. T.K. Bhattacharya, Dean, College of Agricultural Engineering, JNKVV, Jabalpur was nominated as Member of the Editorial Board, Journal of Agricultural Engineering, Indian Society of Agricultural Engineering, New Delhi.

- Dr. Atul Kumar Shrivastava was

nominated as Member of Editorial Board, International Journal of Rangeland Science (JRS), 518 Borujerd, Lorestan, Iran and Associate Editor, Journal of Agricultural Engineers (ISAE), Pusa, New Delhi.

## PLACEMENT, SPORTS AND CULTURAL ACTIVITIES

- 92 students got employment through campus interviews conducted by the University Placement Cell in Pradan (NGO) (16), Central Bank of India (5), Mahindra (4), SPS Indore (5), Srijan (14), ETG Tanjania (4), Watershed Project (IWMP) (40) and NCML, Mumbai (4).

- A special camp on National Service Scheme was organized at village Umaria Choubey, Panagar, Jabalpur during November 17-22, 2012 by the NSS Unit, College of Agriculture, Jabalpur. 70 UG Students actively participated in the camp. During the camp, a number of activities including sanitation of village, school, hospital, panchayat bhavan, anganwadi premises etc. were conducted jointly by students and villagers. A special programme for awareness of villagers through writing of slogans was also organised and more than 25 slogans were used to create awareness among the villagers. To create awareness about the



Participation of students in National Service Scheme

*Matdata Jagarukta Abhiyan, Balika Bachao Abhiyan, Jal Sanrakshan aur Sudhi Karan, Plantation, Jaivik Kheti* etc. activities were organised. Rallies were arranged for the purpose at village Umariachoubey, Panagar and Bhedaghat. Five large scale programmes on animal health, human health, yoga, aids awareness as well as krishak sangosti at the site of the camp. With these programmes, a large group of people were made aware about *Jal, Jungle, Jameen, Janseva and Jan Swasthya*. About 2000 people participated in the programmes.

## VISITS ABROAD

- Dr. (Mrs.) Anita Babbar, Principal Scientist attended Integrated Breeding Multi Year visited Course (1B-MYC) scheduled from October 15-27, 2012 in Wageningen, Netherland



under Generation Challenge Programme.

## PUBLICATIONS

- A book entitled "Three decades of Nematology in Madhya Pradesh", S.P. Tiwari, Jayant Bhatt and Usha Bhale has been published by the Department of Plant Pathology, JNKVV, Jabalpur.

- A technical bulletin entitled "Betelvine Production Technology" Sanjeev Kumar, Swati Barche, U.K. Khare and Om Gupta, has been published by the Dept. of Plant Pathology, JNKVV, Jabalpur.