



MPKV HAPPENINGS

August 2020

74th Independence Day celebrated



August 15, 2020. The nation's 74th Independence Day was enthusiastically celebrated in the university. Vice Chancellor Dr. K. P. Viswanatha hoisted the national flag. Dr. Viswanatha in his address said that the university has made spectacular progress in the fields of agricultural education, research and extension education since its establishment. MPKV organized thirty three online training programmes, ten webinars through CAAST-CSAWM project which benefitted more than twelve thousand students, staff and more than five thousand farmers. The students of the university have excelled in various competitive exams, he said. This year MPKV has developed seven varieties of various crops, three improved implements and several crop production technologies for the farmers. MPKV has successfully organized different programmes like *Vanmahotsav*, *Krishi Din*, *Krishi Sanjivini Saptah*, *Ranbhajya mahotsav* in coordination with the Agriculture Department. The ICAR Farmer FIRST programme has benefitted the farmers through

implementation of integrated farming system components and it has been further extended to one more year by the ICAR, he added. Prof. Sunil Fulsawange, NCC Officer and Incharge, Security Officer gave an oath of tobacco ban on this occasion. Dr. A. L. Pharande, Dean, Faculty of Agriculture, Dr. S. R. Gadakh, Director of Research and Extension Education, Comptroller Er. Vijay Kote, University Engg. Er. Milind Dhoke, Associate Deans Dr. D. D. Pawar, Dr. Y. G. Fulpagare, Dr. D. D. Pawar, Dr. S. A. Ranpise, Dr. M. C. Ahire, Heads of Departments, Chief Scientist (Seed) Dr. A. V. Solanke and staff were present for the programme. Vice Chancellor Dr. K. P. Viswanatha inaugurated the Exhibition display and Mali Training hall at Horticulture nursey and released packet of Phule Vegetable Seed for kitchen garden on this occasion.



MPKV participated in *Ranbhajya Mahotsav*



August 9, 2020. MPKV, Rahuri participated in the *Ranbhajya Mahotsav* organized by the Agriculture Department of Govt. of Maharashtra on eve of the World Tribal Day. The university KVKs, Regional Extension Centres participated in the exhibitions at district level in coordination with the Agriculture Department. Total eleven programmes were organized in ten districts of university jurisdiction with the involvement of sixty one scientists. A total of 1310 farmers visited the exhibition stalls. Vegetables and medicinal plants grown by the tribal farmers attracted the visitors.

Distribution programme of fish fingerlings under ICAR FFP organized



August 24, 2020. The distribution programme of fish fingerlings was organized at Chinchvihire and Kangar villages at the hands of Dr. S. R. Gadakh, Director of Research and Extension Education under ICAR Farmer FIRST Programme. The university is implementing the integrated farming system model in these villages through the ICAR FFP. Twenty farm ponds have been selected for farmpond fishery component this year. A total of one lakh fish fingerlings of *Rahu* and *Katla* breed of fish was distributed to the selected farmers on this occasion. Dr. Gadakh while guiding the farmers hoped that this enterprise could give an additional income to the farmers. The programme was conducted on farm pond of farmers Shri. Macchindra Shete (Chinchvihire) and Shri. Baburao Ghadge (Kangar). Dr. P. B. Kharde, Officer Incharge, Communication Centre and PI, ICAR FFP briefed about the demonstration component. Dr. B. A. Deshmukh, Co-PI anchored the programme, while, Dr. S. S. Sadaphal, Co-PI expressed thanks. Dr. Gadakh visited the PKV Mini Dal Mill at Kangar village and demonstrations of vermicompost, soyabean, bajra and red gram crops. Shri. Vijay Shedge, Shri. Kiran Magar and Shri. Rahul Korhale took efforts in organizing the programme.

Off campus training programme on Farmpond Fishery organized under ICAR FFP



August 20, 2020. A one day off campus training programme on Farmpond Fishery was organized at Chinchvihire village under the ICAR Farmer FIRST programme in coordination with Department of Agriculture. Shri. Chandrakant Date, Farm Manager of KVK, Baramati guided the farmers on this occasion. Shri. Date emphasized on the five point formula of farmpond fishery. He said that the farmers need to ensure good quality fish fingerlings for fishery,

also need to acquire the technique of putting the fish fingerlings into the ponds, feed management as per the weight of fish, knowledge on the Ph and oxygen level of pond water and protection of fish in pond for achieving success in this business. He further said that the customers demand live fish for consumption purpose. Farmers could earn a sizeable income through this enterprise, he added. Dr. P. B. Kharde, Officer Incharge, Communication Centre and PI, ICAR FFP at the outset gave the welcome and introductory remarks. He said that twenty farm ponds have been selected for farmpond fishery component this year. Farmers need to learn the related information and acquire skills and techniques for making this activity a successful one, he hoped. Shri. Waghmode, Agriculture Officer briefed on the Government schemes for farmers. Dr. B. A. Deshmukh, Co-PI anchored the programme, while, Dr. S. S. Sadaphal, Co-PI expressed thanks. Twenty farmers from Chinchvihire and Kangar villages participated in this training programme. The support staff Shri. Vijay Shedge, Shri. Kiran Magar and Shri. Rahul Korhale took efforts in organizing the programme.

Dr. P. B. Kharde bagged the BEST ORAL PRESENTATION AWARD in National Conference



August 20-21, 2020. Dr. P. B. Kharde, Associate Professor of Agril. Extension and Officer Incharge, Communication Centre, MPKV, Rahuri bagged the BEST ORAL PRESENTATION AWARD in the National Conference on Transformation of Agricultural Extension- Strategies for Effective Reformation (TAESERE 2020) organized in online mode. This National Conference was organized by Acharya N. G. Ranga Agricultural University, Agricultural College, Bapatla (Andhra Pradesh) on the occasion of its Platinum Jubilee Celebrations in co-ordination with ICAR, New Delhi, NAHEP and NABARD. The award consisted of a

Certificate and Memento. There were nine themes in the Conference. Dr. Kharde who is also the PI of ICAR Farmer FIRST programme presented the paper (Oral) on the topic entitled Economic impact of ICAR Farmer First Programme on farmer participants. Around 240 scientists from across the country participated in the Conference. The award certificate was awarded to Dr. Kharde during the valedictory function in presence of Chief Guest Dr. Y. G. Prasad, Director, ICAR-ATARI, Hyderabad, Dr. P.V. Krishnayya, Chairman, Dr. P.V. Satya Gopal, Organizing Secretary and other delegates. Vice Chancellor Dr. K. P. Viswanatha, Dean, Faculty of Agriculture Dr. A. L. Pharande, Director of Research Dr. S. R. Gadakh and Associate Dean, PAHCOA, Halgaon Dr. M. C. Ahire congratulated Dr. Kharde for this achievement.

CAAST-CSAWM programme activities

The Centre for Advanced Agricultural Science and Technology (CAAST) on Climate Smart Agriculture and Water Management (CSAWM), MPKV, Rahuri had organized various need based online training programmes for the farmers, students and scientists, faculty during the lockdown period in view of Coronavirus disease (COVID-19) pandemic situation.

Online training programme on Competitive Examination AIEEA (PG) JRF, AICE-JRF/SRF (Ph. D.) organized



July 2 to August 9, 2020. A five week online training programme on Competitive Examination: AIEEA (PG) JRF, AICE-JRF/SRF (Ph.D.) and ICAR-NET /ARS was organized by CAAST-CSAWM, MPKV, Rahuri. The inaugural function was carried in presence of Dr. R. C. Agrawal, National Director, NAHEP and DDG (Education), ICAR, New Delhi. In his Chief Guest address he briefed the role of ICAR in agricultural development in India. He also narrated the ARS scientists' contribution in agricultural development. The Guest of honour Dr. Prabhat Kumar, National Co-ordinator, CAAST, NAHEP-ICAR, New Delhi was also present in inaugural function. Dr. A. K. Misra, Chairman, ASRB, New Delhi was the Chief Guest for valedictory function. He said that the ASRB regularly recruit scientists at national level. The scientists and agricultural graduates need to understand farmers problems, post-harvest losses in fruit crops, cold storage, supply chain management, value addition, advance marketing for agriculture produce etc. These problems are effectively needed to be solved in present scenario. Chairman of the valedictory programme Vice Chancellor Dr. K. P. Viswanatha said that MPKV, Rahuri has developed Integrated Farming System Model on the basis of climatic region for Western Maharashtra farmers which is very beneficial to farmers which can generate sustainable income from their farm produce. Dr. A. L. Pharande, Dean, Faculty of Agriculture and Dr. S. R. Gadakh, Director of Research and Extension Education were also present for the valedictory programme. Dr. S. D. Gorantiwar, Principal Investigator, CAAST-CSAWM was the Convener, while, Dr. M. G. Shinde, Co-Principal Investigator, CAAST-CSAWM was Co-Convener of the training programme. Dr. M. C. Ahire, Associate Dean, Punyasholk Ahilyadevi Holkar College of Agriculture, Halgaon was Organizing Secretary of the training programme, Dr. S. B. Nandgude, Nodal Officer-ICAR and Head, Department of SWCE and Dr. A. A. Atre, Procurement Officer, CAAST-CSAWM and Professor of SWCE were Co-organizing Secretary of the training programme. About 936 students registered for JRF examination and 825 students registered for the SRF, NET and ARS Examination. Lectures on Social Science, Agril. Engineering, Agril Botany, Horticulture, Plant Protection, Natural Resource Management, Livestock Management were organized. Total 94 experts delivered lectures. This included 27 experts from ICAR institutes, 21 other agricultural universities and 40 experts from MPKV,

Rahuri. Twenty lectures were delivered by successful students. Total 9598 students participated in this training programme. The overall training programme was coordinated by Dr. S. S. Sadaphal, Assistant Professor and Research Associates Dr. S. N. Ghadge and Dr. S. A. Dhenge.

National Webinar on PPVFRA and Commercialization of varieties organized



August 11, 2020. A one day National Webinar on Present Status of Protection of Plant Varieties and Farmer's Rights Act 2001 (PPVFRA) and Commercialization of Varieties Registered under PPVFRA 2001 was organized by Seed Technology Research Unit (STRU) and CAAST-CSAWM, MPKV, Rahuri in online mode. In this webinar Dr. K.V. Prabhu, Chairperson, Protection of Plant Varieties and Farmers' Rights Authority, New Delhi was the chief guest and Key note speaker. Vice Chancellor Dr. K.P. Viswanatha chaired the programme in presence of Dr. A.L. Pharande, Dean, Faculty of Agriculture and Dr. S.R. Gadakh, Director of Research and Extension Education. At the beginning Dr. M. G. Shinde, Co-PI, CAAST-CSAWM gave the preamble about CAAST project. Dr. Gadakh introduced the chief guest. Dr. Prabhu delivered his talk on PPVFRA and guided the participants regarding how to register a crop variety under PPVFRA 2001. Around 735 students, faculty and scientists from different organizations across India participated in the webinar. Vice Chancellor Dr. Viswanatha briefed about various varieties developed by MPKV and its significant contribution. At the end Dr. V. R. Shelar, Seed Research Officer, STRU proposed vote of thanks. Dr. S. R. Zanjare, Senior Scientist, Seed Pathology, STRU and Research Associates Er. K. S. Borse and Er. M. A. Tamboli were the programme coordinators.

National Webinar on Higher Education and Research in NRM organized



August 14, 2020. A National Webinar on Higher Education and Research in Natural Resources Management for Environmental Sustainability was jointly organized by CAAST-CSAWM and Rahuri chapter of Indian Society of Soil Science, MPKV, Rahuri under the chairmanship of Vice Chancellor Dr. K. P. Viswanatha. Dr. S. D. Gorantiwar, Head, Dept. of Agril. Engineering and PI, CAAST-CSAWM was the Convener and Dr. M. G. Shinde, Co-PI, CAAST-CSAWM was the Co-convener of this

webinar. Dr. B. D. Bhakare, Head, Dept. of Soil Science and Agril. Chemistry and President, Rahuri Chapter of Indian Society of Soil Science was Organizing Secretary and Dr. M. C. Ahire, Associate Dean, Punyashlok

Ahilyadevi Holkar College of Agriculture, Halgaon and Head, Dept. of Agril. Extension and Communication and Dr. N. J. Ranshur, Secretary, Rahuri Chapter of Indian Society of Soil Science were the Joint Organizing Secretaries of this webinar. Dr. S. K. Chaudhari, DDG (NRM), ICAR, New Delhi was the Chief Guest and Key Note Speaker of this webinar. Preamble of CAAST-CSAWM project was given by Dr. Gorantiwar. Dr. Bhakare elaborated about the national webinar series. Dr. A. L. Pharande, Dean, Faculty of Agriculture welcomed and introduced the chief guest. Dr. Chaudhari in his address covered all aspects of sustainable management of natural resources, integrated approach of resource management, impact of changing climate on soil organic carbon and sustainable soil health management. He highlighted the soil salinity management, irrigation and conservation agriculture, steps to improve soil health and sustainable agriculture for future generation. Vice Chancellor Dr. Viswanatha in his presidential address stressed on the importance of organic carbon for sustainable crop production. Also awareness on this aspect is very much needed, he said. Dr. S. R. Gadakh, Director of Research and Extension Education proposed vote of thanks. This webinar was coordinated by Dr. S. R. Shelke, Treasurer, Rahuri Chapter of Indian Society of Soil Science. Research Associates Dr. Nilam Kondvilkar, Dr. Shubhangi Ghadge and Er. Mohsin Tamboli coordinated the programme. Total 675 participants including farmers, staff and students participated in this webinar.

Online International training programme on Perspectives of present and future weed research under climate smart organized



August 17 to 20, 2020. A four days online International training course on Perspectives of present and future weed research under climate smart agriculture was organized by the CAAST-CSAWM project, MPKV, Rahuri. The training session started with preamble by Dr. B. D. Bhakare, Head, Dept. of Soil Science and Agril. Chemistry and Organizing Secretary of training programme. Dr. U. S. Surve, Associate Professor, Dept. of Agronomy was Joint organizing Secretary of e-training programme Dr. S.

D. Gorantiwar, PI, CAAST-CSAWM was the Convener and Dr. M. G. Shinde, Co-PI, CAAST-CSAWM was the Co-Convener of the e-training programme. Dr. N. T. Yaduraju, Former Director, ICAR-Directorate of Weed Research, Jabalpur, National Coordinator, National Agriculture Innovation Project (ICAR) and Principal Scientist, ICT4D, ICRISAT, Hyderabad, Dr. Nimal Chandrasena, Principal Ecologist/Consultant, Nature Consulting, Australia, Former Associate Professor (Weed Science) Deptt. of Botany, University of Colombo, Sri Lanka, Dr. J. S. Mishra, Head, Division of Crop Research, ICAR Research Complex for Eastern Region, Patna, Bihar, Dr. Sushil Kumar, President, Indian Society of Weed Science (ISWS) and Principal Scientist, ICAR-Directorate of Weed Research, Jabalpur, Madhya Pradesh, Dr. J. P. Deshmukh, Agronomist and Principal Investigator, AICRP on Weed Management, Dr. PDKV, Akola, Dr. M. V. Deshpande, Director, Prestige Institute of Engineering Management and Research, Indore, Dr. S. D. Lohokare, Agriculture Automation Consultant, Thane were the invited resource persons for this online International training course. Dr. P. K. Ghosh, Founder Director and Vice Chancellor, ICAR-National

Institute of Biotic Stress Management, Raipur, Chhattisgarh was the chief guest for valedictory function and Dr. N. T. Yaduraju, Former Director, ICAR-Directorate of Weed Research, Jabalpur, National Coordinator, National Agriculture Innovation Project (ICAR) and Principal Scientist, ICT4D, ICRISAT, Hyderabad, Dr. P. K. Singh, Director, ICAR-Directorate of Weed Research (DWR), Maharajpur, Jabalpur and Dr. Prabhat Kumar, National Co-ordinator, CAAST-National Agricultural Higher Education Project, ICAR, New Delhi were the guests of honour. Vice Chancellor Dr. K. P. Viswanatha chaired this function in presence of Dean, Faculty of Agriculture Dr. A. L. Pharande. Dr. Gorantiwar briefed about CAAST-CSAWM and review of the training programme was taken by Dr. Bhakare. Dr. Pharande gave preamble of the session. Dr. Ghosh guided and enlightened the participants about strategies of present and future weed research under climate change, herbicide resistance and rotation of herbicide. Dr. Viswanatha in his presidential address focused on medicinal importance of weeds and role of weeds to maintain the biodiversity. Dr. Yaduraju, Dr. Singh and Dr. Prabhat Kumar also addressed the participants. This International training programme was coordinated by Research Associates Dr. Rohit Sonwane (Agronomy), Dr. Sunil Thorat (Agronomy), Dr. Nilam Kondvilkar (SSAC) and Er. Mohsin Tamboli (Comp.). Dr. Shinde proposed thanks. Dr. Kondvilkar anchored the programme. The online training programme benefitted more than 500 farmers, scientists and students across the globe.

e training programme organized on Soft Skills to enhance professional efficiency and effectiveness



August 17-22, 2020. A one week online training programme on Soft Skills to Enhance Professional Efficiency and Effectiveness was organized by CAAST-CSAWM and Department of Agriculture Extension and Communication, MPKV, Rahuri. Dr. M. C. Ahire, Associate Dean, Punyashlok Ahilyadevi Holkar College of Agriculture, Halgaon and Head, Department of Agriculture Extension and Communication was the Organizing Secretary, while, Dr. S. D. Gorantiwar, PI, CAAST-CSAWM was the

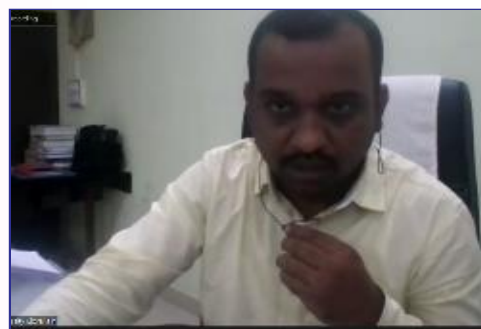
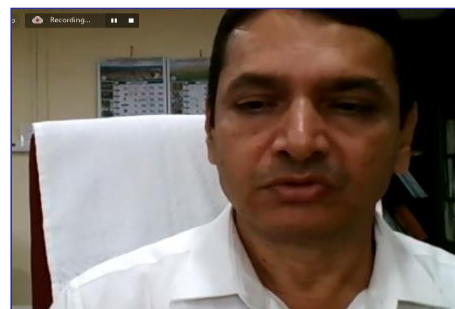
Convener and Dr. M. G. Shinde, Co-PI, CAAST-CSAWM was the Co-Convener of the programme. Dr. S. S. Sadaphal, Assistant Professor of Agril. Extension and Dr. M. B. Dhadwad, Assistant Professor of Agril. Extension were the Joint Organizing Secretaries of the training programme. Vice Chancellor Dr. K. P. Viswanatha in his presidential address in the valedictory programme said that the soft skills are personal attributes, typically linked to how you work and interact with others which are necessary for success and your career development for students and faculty. Dr. D. D. Pawar, Associate Dean, Dr. ASCAE&T welcomed the dignitaries. Dr. Ahire delivered lecture on how to face interview and Dr. B. Kumar Former Dean, GBPAUT, Pantnagar and Emeritus Professor, Dr. Rajendra Prasad Central Agricultural University, Bihar delivered lecture on public speaking skills. Mr. Prashant Joshi, IT and Soft Skills Trainer, Nagpur delivered lecture on self-motivation and self-management, Mr. Sushil Dhanawde, Life Coach and Hypnotist, Thane delivered lecture on emotional intelligent skills, Prof. Kushal Raut Director, Communi Care Training and Content Solutions, Pune on motivational and innovative thinking skills, Mr. Thomas



Viviane, Former Faculty, College of Agriculture, Pune on time management, Dr. Sheejan Thomas, Principal, Chavara Junior College, Dhule on active listening habits, Mr. Mahesh Zagade IAS and Ex-Principal Secretary to Government of Maharashtra on decision making and creative problem solving skills, Mrs. Manjusha Bhaskarwar, Director at Bon Debut, Career Transition Expert, Trainer, Motivational Speaker-Parenting, Global Education, Life Skills, Pune on Business Etiquettes and

Presentation Skills and Mrs. Radha Shankarnarayanan, CEO, SMART Series, Bangalore delivered lecture on Goal Setting and Achieving. Total 620 participants participated in the training programme. Dr. Sadaphal and Research Associate Dr. S. N. Ghadge anchored the programme. Dr. Dhadwad proposed thanks.

e training programme on Effective Utilization of New Age e-Resources Technologies



August 13-14, 2020. The CAAST-CSAWM, MPKV, Rahuri had organized a two day online training programme on Effective Utilization of New Age e-Resources Technologies in Agriculture. Dr. Prakash Chand, Head of ICI, Ex. Scientist of NISCARE, New Delhi, Mr. Adarsh Kumar Singh, Product Trainer, ICI, New Delhi, Mr. Surjya Prasad Rath, Product Manager, ICI, New Delhi, Mr. Mayank Dedhia, Training and Business Development Manager, Informatics Publishing Ltd., Bengaluru, Mr. Sumit Shobha Pal Jain, Director, New India Publishing Agency, Pvt., New Delhi, Mr. Shafeeq Rehman, Manager, Research, Detanet India Pvt., New Delhi, Mr. Bhupendra Singh, Manager, Marketing and Subscription, Detanet India Pvt., New Delhi were the resource persons for this training programme. The training programme covered topics on Research Performance Measurement Significance of Citation; Live Demonstration of Indian Citation Index; Live Demonstration of Indianjournals.com; Indiaagristat.com-A web portal providing statistical information for agricultural Sector; Assessing Online Test Series and E-Books with



Remote Access; Introduction to DILSeIPL and workshop on J-gatePlus@CeRA. The training was started with the short inaugural function in which Dr. M. C. Ahire, Associate Dean, PAHCoA, Halgaon and Head, Dept. of Agril. Extension and Communication was the Chief Guest. A preamble was given by Dr. S. D. Gorantiwar, Head, Dept. of Agricultural Engineering and PI, CAAST-CSAWM. Dr. B. M. Panage, Ex. University Librarian, Jaykar Library, Savitribai Phule Pune University, Pune was the Chief Guest for valedictory programme. Dr. A. L. Pharande, Dean, Faculty of Agriculture chaired the function. Dr. D. D. Pawar, Associate Dean, Dr. ASCAE&T welcomed all the dignitaries. Dr. Panage enlightened the function and registered the importance of the e-resources in Agriculture. Dr. Pharande guided on digitalization of library and importance of online e resources. Dr. M. G. Shinde, Co-PI, CAAST-CSAWM extended the vote of thanks. Research Associates Dr. N. J. Deshmukh, Dr. P. B. Kale and Er. M. A. Tamboli were the Programme Co-ordinators.

Online training programme organized on Agricultural Drainage for Waterlogged and Salt Affected Soils

August 24-29, 2020. An agricultural drainage system is a system by which water is drained on or into the soil to enhance agricultural production of crops. It may involve any combination of storm water control, erosion control and water table control. The water is transported by gravity, in a non-erosive manner in surface or subsurface channels. The aim is to control the specific moisture content for each type of crop and avoid losses resulting from excess water in extreme situations. However, for successful agricultural drainage systems, one needs to understand the concepts of agricultural drainage, its need, physical and agro-hydrological principles underlying drainage of agricultural land and role in agricultural water management. With this view, a one week online training programme on Agricultural Drainage for Waterlogged and Salt Affected Soils was organized by CAAST-CSAWM. This programme was designed to keep in mind the aim to teach how to design and implement effective drainage systems in agriculture. Whole training was divided into eleven sessions on different topics related to Agricultural drainage system. Eminent experts were invited to deliver lectures. During this training programme participants developed an overall understanding of waterlogged soils, drainage needs and benefits, different types of drainage systems, reclamation methods of waterlogged soils, design of effective drainage systems and its requirements, different agronomical practices, installation, operation, repair and maintenance of drainage systems etc. This training was attended by 233 participants including students and scientists.

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