

MPKV HAPPENINGS

September 2019



Vice Chancellor greets new Hon'ble Governor of Maharashtra and Chancellor at Rajbhavan, Mumbai



September 11, 2019. Vice Chancellor Dr. K. P. Viswanatha met Shri. Bhagat Singh Koshiyari, the new Hon'ble Governor of Maharashtra and Chancellor at Rajbhavan, Mumbai. Dr. Viswanatha greeted him on behalf of the university. He briefed him about MPKV's achievements in agricultural education, research and extension education. The contribution of university's impact on farmers' income was also highlighted. He presented the Hon'ble Governor with a copy of the university's Golden Jubilee Souvenir.



Vice Chancellor Dr. K. P. Viswanatha felicitated with Prof. S. Kannaiyan Memorial Award-2018

September 25, 2019. Vice Chancellor Dr. K. P. Viswanatha was felicitated with Prof. S. Kannaiyan Memorial Award-2018 in the 11th NABS-National Conference held at Pondicherry University, Puducherry. The award consists of a citation and certificate. Dr. Viswanatha was awarded for his significant contribution in education, research and extension education. Dr. Gurmeet Singh, Vice Chancellor, Pondicherry University, Puducherry, Dr. P. Duraiswamy, Vice Chancellor, Madras University, Chennai and Dr. R. R. Hanchinal, Former Chairperson, Plant Variety Protection and Farmers' Rights Authority, New Delhi felicitated Dr. Viswanatha with this prestigious award. As a Vice Chancellor of MPKV, Rahuri Dr. Viswanatha has initiated many activities which has improved the university's ranking at national level. He has also initiated the cleanliness campaign in the university. He has called for Clean University Green University campaign.





September 30, 2019. Vice Chancellor Dr. K. P. Viswanatha met Chief Secretary Shri. Ajoy Mehta at Mantaralaya, Mumbai and handed over the cheque of Rs 40,40,888/- one day salary of staff of MPKV, Rahuri for flood victims of Kolhapur and Sangli to Chief Minister fund.

September 30, 2019. Vice Chancellor Dr. K. P. Viswanatha, Dr. S. R. Gadakh, Director of Research and scientists had a meeting with Dr. Anil Kakodkar at Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra and got sanctioned Rs 2.85 crore for jaggery research in Kolhapur.



Consultative Workshop organized for quality agricultural higher education



September 23-24, 2019. A Consultative Workshop was organized on Academia-Industry-Government linkages for quality agricultural higher education at MPKV, Rahuri in collaboration with NAARM, Hyderabad. Vice Chancellor Dr. K. P. Viswanatha presided over the inaugural programme. Dr. Narayan Shisode, Director, Extension and Training, M. S. was the Chief Guest for this programme. Dr. A. L. Pharande, Dean, Faculty of Agriculture, Dr. S. R. Gadakh, Director of Research and Extension education, Dr. Surya Rathore, Principal Scientist,

NAARM, Hyderabad, Associate Deans Dr. D. D. Pawar, Dr. S. A. Ranpise, Dr. Y. G. Fulpagare, Dr. V. D. Shende, Nodal Officer, PAHCOA, Halgaon, Dr. M. C. Ahire, Programme Director and Head, Department of Agricultural Extension and Communication and Dr. V. V. Sumanthkumar, Senior Scientist, NAARM, Hyderabad were present on this occasion. Vice Chancellor Dr. Viswanatha in his address said that the main objective of NAHEP is to strengthen education at post graduate and above level. Here the role of industry is vital. Each one need to discuss their needs and expectations. Accordingly the syllabus needs to be modified, he said. Preparedness of SAUs for academia is needed. This workshop will help to bridge the gap between industry and SAUs, he hoped. He further stressed the need for upgrading the capability of staff and human resource. Dr. Shisode in his address expressed the need for change in syllabus. Joint venture of educational institutes and industry is required for future agriculture, he remarked. He hoped that the outcome of this workshop would strengthen higher education. Dr. Ahire gave the welcome remarks. Dr. Sumanthkumar briefed about the workshop. Dr. Rathore proposed thanks. Representatives of industry, entrepreneurs, scientists and students participated in the technical sessions of the workshop.

Teachers Day celebrated



September 5, 2019. The Teachers Day was celebrated in the university. Dr. Sarjerao Nimse, Former Vice Chancellor, Lucknow University and Swami Ramanand Teerth Nanded University delivered the Chief Guest address. Dr. K. P. Viswanatha, Vice Chancellor, MPKV, Rahuri presided over the function organized on this occasion. In his speech Dr. Nimse said that Late Dr. Sarvapalli Radhakrishnan was a great scholar, philosopher, Professor and an expert in *Vedas* and *Bhagwat Gita*. Teaching is the most precious and a valuable profession. There has been an exponential growth in India's education but the quality of education has declined over a period of time, he said. No Indian university has been ranking at the top and hence world class research in science and technology is needed. Education needs to be on par with the global standard, he remarked. Here the role of a teacher is important because it is he who can encourage the students, create passion and inspire them for greater achievements, he said. Vice Chancellor Dr. Viswanatha in his presidential address said that Late Dr. Radhakrishnan was a great philosopher of the 20th century. He said that education is a continuous process and teachers are the building block of the society. The aim of education is not only acquiring of knowledge and skill but also the development of mind and becoming a responsible citizen in the society. At the outset Dr. S. R. Gadakh, Director of Research and Extension Education gave the welcome and introductory remarks. Student Miss. Akankshya Dhapte also expressed her views. Student Kishor Pansare anchored the programme, while, Dr. M. R. Chouhan, Student Welfare Officer proposed thanks. Associate Deans Dr. Y. G. Fulpagare, Dr. S. A. Ranpise, Dr. D. B. Yadav, Dr. V. D. Shende, Prof. Dilip Gaikwad were present on the dais. Staff and students were present for the programme.

National Training Programme organized in Pune



September 17 to October 7, 2019. The Department of Agricultural Meteorology, Centre of Advanced Faculty Training in Agricultural Meteorology (CAFT), College of Agriculture, Pune had organized a National Training Programme on Recent Advances in Crop Micrometeorology which was sponsored by ICAR, New Delhi. The Chairman of the inaugural function was Dr. P. N. Rasal, Associate Dean, College of Agriculture, Pune. The Chief Guest of this inaugural function was Prof. Dr. M. C. Varshneya, Former Vice Chancellor, Kamdhenu Veterinary

University, Gandhinagar, Gujarat. The Guest of Honour was Dr. Kripan Ghosh, Head, Agrimet Division, IMD, Pune. About 25 participants of the rank of Assistant Professor and above from SAUs/Colleges/ICAR Institutes attended the programme. Eight participants were from other states viz., Punjab, Karnataka, Gujarat, Madhya Pradesh, Chattisgarh and five participants from other SAUs of Maharashtra. The resource persons from different states also delivered lectures for this training programme such as Dr. R.H. Patil, Head, Dept. of

Agril. Met., UAS, Dharwad, Dr. V.U.M. Rao, Former P.C.(Agromet), CRIDA, Hyderabad, Dr. S.R. Patel, IGKV, Raipur, Chattisgarh, Dr. V. B. Vaidya, Asstt. Prof of Agril. Met., AAU, Anand, Dr. B. I. Karande, AAU, Anand, Gujarat etc. Dr. Prabhjyot Kaur Sidhu, Head, Climate Change and Agril. Meteorology, PAU, Ludhiana, Punjab was nominated as Observer by ICAR, New Delhi for this National Training Programme. She visited and interacted with the trainee participants. The observer evaluated the training and highly appreciated the lectures, course content, lodging and boarding facilities etc. of the training programme. The valedictory function of the National Training Programme was held under the chairmanship of Dr. K. P. Viswanatha, Vice Chancellor, Mahatma Phule Krishi Vidyapeeth, Rahuri in presence of Dr. P. N. Rasal, Associate Dean, College of Agriculture, Pune and Dr. S. D. Masalkar, Associate Dean, College of Horticulture, Pune. Dr. J. D. Jadhav, Director, CAFT and Head, Department of Agricultural Meteorology, College of Agriculture, Pune and his colleagues took efforts in successful organization of the programme.

Safflower varieties notified at national level

September 2019. Two safflower varieties released by MPKV's All India Coordinated Research Project on Safflower located at Solapur have been notified at the national level. The safflower variety SSF-12-40 has been identified for cultivation in Zone-I (Maharashtra, Karnataka and Telangana) both for rainfed and irrigated conditions. The safflower variety SSF-12-40 (1713 kg/ha) is at par with the best check A1 (1698 kg/ha) in terms of seed yield but has an advantage of 3.5% oil content (32.9 %) over A1 (27.92%) with 19.2 higher oil yield (565 kg/ha) over checks A1 (474 kg/ha). It is moderately resistant to fusarium wilt disease and aphid. Hence, the variety SSF-12-40 is recommended for release by the Varietal Identification Committee meeting held at RARS, Tirupati in May 2019 during Annual Research Workers Group Meeting on Sunflower and Castor for Zone-I (Maharashtra, Karnataka and Telangana) both for rainfed and irrigated conditions.



The safflower variety SSF-31-71 (1999 kg/ha) recorded 9.84 % higher seed yield over check A1 (1820 kg/ha), having oil content 29.2 % with (591 kg/ha) 14.98 % and 18.67 % higher oil yield over checks A1 (514 kg/ha) and PBNS-12 (498 kg/ha), respectively. The variety is moderately tolerant to aphid and tolerant to alternaria leaf spot disease. Hence, the variety SSF-13-71 is recommended for release by the Varietal Identification Committee meeting held during September 4-6, 2019 at CSAUA&T, Kanpur during Annual Research Workers Group Meeting for Zone-I (Maharashtra, Karnataka, Andhra Pradesh and Telangana) both for rainfed and irrigated conditions.



ICAR Farmer FIRST woman farmer Mrs. Savita Vaibhav Nalkar felicitated with the Innovative Farmer Award 2019-20 at NAARM, Hyderabad



September 1, 2019. Mrs. Savita Vaibhav Nalkar, participant woman farmer of Chinchvhire village of ICAR Farmer FIRST programme was felicitated with the Innovative Farmer Award 2019-20 at ICAR-NAARM, Hyderabad. Dr. Trilochan Mohapatra, Secretary, DARE and Director General, ICAR, New Delhi felicitated Mrs. Nalkar with the memento, certificate on the occasion of the foundation day of NAARM. Dr. Chi. H. Srinivasrao, Director, NAARM, Dr. S. K. Soham,



Director, Extension, Dr. Bharat Sontakki, Principal Scientist, Dr. Venkatesh, Shri. Y. Venkateshwar Rao, Padmashree awardee farmer were present on this occasion. Mrs. Nalkar has successfully demonstrated the integrated farming system model through ICAR Farmer FIRST programme on her farm. Her IFS model comprises of dairy, goat rearing, farm pond fishery, backyard poultry apart from crop demonstrations on bajra, red gram, fodder crops and pomegranate cultivation. Dr. K. P.

Viswanatha, Vice Chancellor, Dr. S. R. Gadakh, Director of Research and Extension Education and Dr. P. B. Kharde, PI, ICAR FFP congratulated Mrs. Nalkar for this prestigious award.

Training programme on Backyard Poultry organized under ICAR Farmer FIRST programme



September 20, 2019. An offcampus Training Programme on Backyard Poultry was organized at Chinchvihire village under the ICAR Farmer FIRST programme. Dr. S. R. Gadakh, Director of Research and Extension Education presided over the programme. In his address to the farmers and women, Dr. Gadakh highlighted the significance of backyard poultry as a sustainable enterprise which can give a regular source of income. The poultry owners need to adopt the technologies which can maximize their business. He called for efficient feed management of poultry birds and further hoped for good marketing strategy which can yield good income to the farmers. At the outset Dr. P. B. Kharde, Officer Incharge, Communication Centre and PI, ICAR FFP gave an overview of the success story of backyard poultry during the last two years through this programme. University experts Dr. Ravindra Nimse and Dr. Sunil Adangle guided the poultry farmers on vaccination, diseases and their control measures, water and feed management. One of the successful backyard poultry practicing farmer from Kangar village Shri. Gorakshanath Gade shared his experiences during the training programme. Dr. B. A. Deshmukh, Co-PI anchored the programme, while, Dr. S. S. Sadaphal, Co-PI expressed thanks. Prof. M. M. Desai, Manager, ATIC, farmers and women were present for the training programme. Dr. Gadakh also visited one of the backyard poultry unit on this occasion. ICAR FFP staff Shri. Vijay Shedge, Shri. Kiran Magar and Shri. Amol Gaikwad took efforts in organizing the programme.

Training programme on Chickpea seed production technology organized under ICAR FFP at Kangar

September 26, 2019. A Training Programme on Chickpea seed production technology was organized at Kangar village under the ICAR Farmer FIRST programme in coordination with the State Department of Agriculture. Dr. M. C. Ahire, Head, Department of Agricultural Extension and Communication presided over the programme. Dr. V. D. Shende, Associate Director of Research, Dr. P. B. Kharde, Officer Incharge,



Communication Centre and PI, ICAR FFP, Dr. N. S. Kute, Senior Scientist, Pulses Improvement Project and scientists were present on this occasion. Dr. Ahire in his address hoped that the participant farmers would be benefitted through seed production programme. Farmers would be getting at least 20 per cent more price as compared to market price for seed production. The ICAR Farmer FIRST programme has resulted in enhancing crop production and farmers income, he said. Dr. Shende in his address briefed about the significant research achievements

of the university. He said that MPKV has released high yielding varieties of chickpea which are popular all over the country. Dr. Kharde in his introductory remarks explained about the various activities being implemented under the ICAR FFP in Chinchvhire and Kangar villages. Dr. Kute guided on seed production aspects. The university scientists Prof. L. B. Mhase guided on chickpea production technology, Dr. C. S. Chaudhary on pest control and Dr. S. B. Latke on diseases of chickpea and their control. Shri. Vijay Shedge anchored the programme, while, Shri. Kiran Magar proposed thanks. Farmers in large number participated in the training programme. Visits to various activities of ICAR FFP were organized on this occasion.

Farmers trained on Rabi Sorghum Seed Production Technology under ICAR Farmer FIRST programme



September 6, 2019. A Training Programme on Rabi Sorghum Seed Production Technology was organized at Chinchvhire village under the ICAR Farmer FIRST programme in coordination with the State Department of Agriculture and MAHABEEJ. At the outset Dr. P. B. Kharde, Officer Incharge, Communication Centre and PI, ICAR FFP in his welcome and introductory remarks briefed about the activities of the ICAR FF project. He hoped that the training programme would update the knowledge of farmers on rabi sorghum technologies and help to enhance their production and income. The University scientists Dr. U.K. Kadam guided on the plant protection aspects of rabi sorghum. Dr. Manaji Shinde briefed about the various varieties developed by MPKV as per the soil type and measures for seed production. Prof. Sudam Nirmal explained the five point technology (*Panchasutri*) of rabi sorghum. Shri. Rajjak Shaikh of MAHABEEJ briefed on aspects related to seed production and role of MAHABEEJ. Shri. Vijay Shedge, SRF anchored the programme, while, Shri. Raibhan Gaikwad, Agril. Asstt. proposed thanks. Farmers and farm women of Chinchvhire and Kangar villages participated in this training programme. Field Asstt. Shri. Kiran Magar and Shri. Amol Gaikwad took efforts in organizing the programme.

CAAST- CSAWM programmes

Training programme on Integrated Farming System for climate smart agriculture and water management organized at Pune



September 18-19, 2019. A two days training programme on Integrated Farming System for climate smart agriculture and water management was organized by CAAST-CSAWM project at College of Agriculture, Pune. The programme was inaugurated by Vice Chancellor Dr K. P. Viswanatha. Dr. P .N. Rasal, Associate Dean, College of Agriculture, Pune and Dr. S. D. Masalkar, Principal, College of Horticulture, Pune were present on this occasion. Dr. J. S. Pachpute, Co-PI and Training Organizing Secretary gave the introductory remarks and briefed about the training. During this two days training programme different topics were discussed such as Integrated cultivation practices in problematic soil and rectification through cultivation of essential oil bearing crops, Success story of Integrated Farming System model being implemented under the ICAR Farmer FIRST programme, Climate smart farming system and Climate Smart integrated farming system models recommended by the university. The resource persons for this training programme were Mrs. Vasanti Purohit, Director IMT Tech. Ltd, Pune, Mr. Dnyaneshwar Bodke, Agri. Entrepreneur, Dr. P .B. Kharde, Office In-charge, Communication Center, MPKV, Rahuri, Dr. Santosh Sahane, CEO, Forecast Agrotech, Pune, Mr. Somnath Choudhary, Program Manager, BAIF, Nasik and Dr. U. S. Surve, Chief Agronomist and I/C, IFS Scheme, MPKV, Rahuri. Dr. P. N. Dalavi, Research Associate anchored the programme and Mr. Lingayat Akshay expressed thanks.

Training programme on Climate Resilient Agriculture organized



September 6-7, 2019. A two day training programme on Climate Resilient Agriculture and Smart Village approach was organized by CAAST-CSAWM project at College of Agriculture, Pune. The programme was inaugurated by Dr. A. L. Pharande, Dean, Faculty of Agriculture. He guided the participants about importance of climate resilient agricultural technologies and its applications in the villages. Dr. P. N. Rasal, Associate Dean, College of Agriculture, Pune addressed about use of smart technologies in the PG

Field experimentation. Dr. J. S. Pachpute, Co-PI, CAAST-CSAWM, Sub- campus, Pune welcomed and introduced the dignitaries. Dr. R. P. Andhale, Organizing Secretary and Member, CAAST-CSAWM gave brief introduction on different topics of Climate Resilient Agriculture and Smart Village approach to be covered during the training programme. Topics like Village Development systems, Watershed Management, Digital technologies used in Agriculture, Climate change and crop modeling, contingency

crop planning and Agro advisory services in respect to farming systems were discussed. The resource persons for training programme were Dr. Sachin Kamble, AGM, NABARD, Maharashtra Regional Office, Pune, Dr. Sanjay More, Sr. Manager, Skymet, Pune, Dr. Dhananjay Pandit, Director, WRM, RT International, Pune, Dr. J. D. Jadhav, Head, Dept. of Agril. Meterology and Dr. Kripan Ghosh, Head, Agrimet Division, IMD, Pune. Dr. S. A. Ranpise, Associate Dean, LAE, MPKV, Rahuri, Dr. S. D. Masalkar, Principal, College of Horticulture, Pune and participants were present during this programme. Dr. Andhale proposed thanks. Dr. Snehal Kanade, Dr. Suraj Misal, Dr. Pradeep Dalvi, Dr. Mahesh Khamkar, Research Associate, CAAST-CSAWM project co-ordinated the programme.

Training programme on Fostering Employment and Empowerment through Agriprenureship Development organized



September 12-13, 2019. A two day training programme on Fostering Employment and Empowerment through Agriprenureship Development was organized by CAAST-CSAWM project at MPKV, Rahuri. The programme was inaugurated by Dr. Y. G. Fulpagare, Associate Dean, PGI, MPKV, Rahuri. Dr. M. C. Ahire, Head, Department of Agricultural Extension and Communication and Training Organizing Secretary in his introductory remarks briefed about the training. Dr. S. D. Gorantiwar, Principal Investigator,

CAAST-CSAWM project and Dr. M. G. Shinde, Co-PI, CAAST-CSAWM project were presented on dais. During these two day training programme different topics were discussed such as poultry growth in India, Agri-economy, Agribusiness opportunities for good career, Establishment of primary and secondary agro processing enterprises, Government support schemes and subsidies for establishing Agriprenureship development, Market survey research, methodology, effective market survey plan for agri-enterprises and ring toss exercise. The resource persons for training programme Mr. Shrikrushna Gangurde, Aave Broilers, Nashik, Mrs. Swati Shingade, Woman entrepreneur, Baramati, Mr. U. U. Bhale, Director, Udyam Info Solutions Pvt. Ltd., Aurangabad and Dr. S. B. Sapkal, Department of Agriculture Economics, MPKV, Rahuri guided the trainees. Dr. Sevak Dhenge and Dr. Shubhangi Ghadge, Research Associates co-ordinated the programme. Mr. Padmakumar Patil anchored the programme and vote of thanks was given by Miss. N. B. Yelmule.

Inauguration of IoT based project at Mantralaya, Mumbai



September 17, 2019. CAAST-CSAWM, MPKV, Rahuri in collaboration with Lupin Foundation, NABARD, Incubation Centre, Pune University, Innovation Technology Pvt. Ltd. and Buchkewadi village has implemented the project on IoT to monitor soil moisture and automated irrigation system at Buchkewadi village, Block. Junnar, District. Pune. Buchkewadi village was selected under CAAST-CSAWM, MPKV, Rahuri for diffusion of climate smart agriculture and water management technologies. This IoT based project

was inaugurated at the auspicious hands of Dr. Anil Bonde, Hon'ble Minister of Agriculture, Maharashtra state at Mantralaya, Mumbai. On this occasion Dr. M. G. Shinde, Co-PI, CAAST-CSAWM and Dr. S. A. Dhege, Research Associate presented the report.

Pre-training programme organized



September 26 to October 10, 2019. A two week Pre-training programme was organized on Basics of Drones, AI and Geo-informatics for Climate Smart Agriculture and Water Management” by the CAAST-CSAWM project at CC, Rahuri. The training programme was inaugurated by Dr. D. D. Pawar, Associate Dean, Dr. ASCAE&T, MPKV, Rahuri. During this two week training programme different topics were discussed such as Basics of Remote Sensing and GIS, Introduction to crop mapping using RS and GIS techniques, LULC and Water

Management, drones, UAVs and UASs, Map product from drones, Flight planning software/apps-DJI GS Pro, Pix4D Capture, UAV rules and regulations, Basic Concepts, Principles and applications of Remote Sensing, Global Positioning System (GPS), Principles, Concepts and Applications, ArcGIS: How to go for Geo referencing, create Shape files for creation of thematic data types, Built-in data structures in Python, Control program flow in Python, Basics, Process and Application of Geographical Information Systems etc. The resource persons for training programme were Mr. Ajit Kharjul, Director, Ashtacon Technologies Pvt. Ltd, Nashik, Mrs. Sapna Hosmath, Mr. Bipin Charles, Director, KMS-Group, RS and GIS and AFOLU services, Dr. S. M. Nalawade Head, FMPE and Dr. S. A. Kadam, Asstt. Prof. IDE. Dr. M. G. Shinde, Co-PI, CAAST-CSAWM project, Dr. P. G. Popale, Asstt. Prof., Research Associates and trainees were present for the programme. Research Associates Dr. Rajesh, Dr. Pande, Er. Tamboli, Er. Patil Er. Borse and Er. Dighe co-ordinated the training programme. Research Associates Er. Mangal Patil anchored the programme, while, Er. Mohasin Tamboli proposed vote of thanks.

Expert lecture on Personality Development organized



September 26, 2019. An Expert Lecture on You are the Author of Your Own Destiny was organized at MPKV, Rahuri for PG students under the CAAST-CSAWM project. Er. Rajiv Roy, Founder and Director of Agri-plast Protected Cultivation Pvt. Ltd., Bangalore delivered the lecture for students on personality development. The expert lecture was started with an informal opening-cum-welcome ceremony in the presence of Dr. S. D. Gorantiwar, Principal Investigator, CAAST-CSAWM project and other CAAST members. Er. Mangal Patil, Research

Associate anchored the programme.

Industry-Government-Academicians-Students Interface organized



September 26-27, 2019. A two day Industry-Government-Academicians-Students Interface on Quality, technical and financial aspects of Protected Cultivation Structures was organized by CAAST-CSAWM project at MPKV, Rahuri. The interface was inaugurated by Dr. Prahlad Pokale, Director (Agriculture), Pune. The technical experts Dr. S. D. Gorantiwar, PI, CAAST-CSAWM, Dr. N. N. Firake, Head, Dept. of IDE, Er. Sandip Dere, Dere Agro-industries, Ahmednagar, Mr. Chetan Dedhia, J. J. Overseas, Mumbai, Er. Rajiv Roy, Founder and

Director of Agriplast Protected Cultivation Pvt. Ltd., Bangalore took part in the interactions. Dr. Gorantiwar gave the preamble of this interface and its importance for commercial growth of protected cultivation technologies, employment generation and entrepreneurship development. Mr. H. D. Jagtap anchored the programme and vote of thanks was expressed by Er. Sachin More.

Student-Industry interface organized



September 11, 2019. A one day Student-Industry interface programme on Role of application UAV in precision farming was organized by CAAST-CSAWM project at sub campus College of Agriculture, Pune. The programme was inaugurated by Dr. S. D. Gorantiwar, Principal Investigator, CAAST-CSAWM, MPKV, Rahuri. He briefed about the various ongoing activities of the project. Dr. S. M. Nalawade, Head, Farm Machinery and Power Engineering and Organizing Secretary in his introductory remarks briefed about

the training. Dr. Ramesh Krishnamurthy, Sinsil International Pvt. Ltd, Mumbai, Mr. Aditya Lingolu, Celestrone Technologies Pvt. Ltd., Mumbai and Mr. Swanand Gudhate, Technical Head, Idea Forge Technology Pvt. Ltd., Mumbai guided the trainees. Dr. G. B. Bhanage, Research Associate anchored the programme, while, Dr. Nalawade expressed vote of thanks.

Training cum Workshop programme on Water Budgeting organized



September 20-21, 2019. A training cum workshop on Water Budgeting for Efficient Water Resources Management in Watershed was organized by CAAST-CSAWM project at MPKV, Rahuri. The programme was inaugurated by Dr. S. B. Nandgude, Head, SWCE, MPKV, Rahuri. Dr. M. G. Shinde, Co-PI, CAAST-CSAWM and organizing secretary of programme welcomed and introduced the dignitaries. He gave a brief introduction on different topics of Water Budgeting for Efficient Water Resources Management in

Watersheds to be covered during the training cum workshop. The participants were guided on the importance of water, its social, economic, political meanings, importance of water budgeting and implementation of water budgeting programme at ground level. During this two days training cum workshop different topics were discussed such as Promoting water budgeting through water stewardship, Integrating climate change concerns in water resources planning and management, Importance and challenges in water budgeting in watershed projects, Participatory methods and tools of water budgeting. The resource persons for training programme were Mr. Eshwar Kale, Sr. Scientist, (WOTR), Pune Dr. Sachin Kamble, AGM, NABARD, Maharashtra Regional Office, Pune, Mr. Umesh Lagad, Managing Trustee, SEVA, Ahmednagar, Maharashtra and Mr. Yugandhar Mandavkar, Chief Executive, Yugman Associates, Pune. Dr. A. A. Atre, Prof. SWCE and Co-Convener, CAAST-CSAWM project, Dr. S. M. Nalawade, Head, Dept. of FMPE, Dr. S. A. Kadam, Asstt. Prof. of IDE, Dr. P. G. Popale, Asstt. Prof. of IDE were present during this programme. Research Associates Dr. Vaibhav Malunekar and Dr. Snehal Kanade co-ordinated the programme and vote of thanks were proposed by Dr. M. G. Shinde.

Exposure visit to village Chandakapur



September 17, 2019. The CAAST-CSAWM project, MPKV, Rahuri had organized a visit on Agroclimatic networking at Chandakapur village, Tal. Rahuri, Dist. Ahmednagar. On this occasion the CEO of *Krusha Vikas va Gramin Prashikashan Sanstha* Mr. Amit Naphade, Regional Manager, HDFC, Mr. Gajendra Dixit, scientists Dr. A. D. Kadlag, Dr. G. S. Shelke, State Department of Agriculture officers, farmers and Dr. S. N. Ghadge, Research Associate were present. They visited the farm pond, cropping

system, crop demonstrations, horticulture field, poultry unit, dairy unit, organic fertilizer project, vermi composting project and fishery unit in the village and guided the farmers.



Publisher : Dr. S. R. Gadakh, Director of Extension Education

Editors : Dr. P. B. Kharde, Officer Incharge, Communication Centre
Dr. S. S. Sadaphal, Assistant Professor, Communication Centre
Mr. S. B. Rajmane, Agril. Assistant, Communication Centre