



PDKV News

Quarterly Newsletter of

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola-444104 (M.S.)

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From the Vice-Chancellor's Desk. . .



Extension education plays a vital role in disseminating agricultural technologies to its end users, the farmers. The University, so far has developed 1408 technologies including 171 crop varieties/hybrids for the benefit of the farmers in the region besides farm tools, implements and machineries. Extension Education wing of the University is disseminating these technologies through several innovative methods like “*Shetkari Dilasa Abhiyan, Kirtankar Melawa, Sarpanch Melawa, Krushak Vigyan Manch, Mahila Sakshmikaran Melawa, Shivar Pheri, Kharif Poorv Melawa, AGROTECH - State Level Agro-Exhibition*”.

During this quarter, the University regularly organizes *ShivarPheri* in the month of October and *AGROTECH* in the month of December where lakhs of farmers from all 11 districts of Vidarbha and

adjoining states visits Dr. PDKV and gets updated with the agricultural information, knowledge and technologies. Our Pink Bollworm Management at mass level has already proved a mega success and we are continuing our extension services via our adopted villages, regular trainings to farmers as well as government officials, diagnostic visits, etc. Latest addition is the entrepreneurship development for the rural youth through our innovative and commercial technologies. University has also started Incubation Center for several such technologies and will be supporting technically and financially to the budding Agri-entrepreneurs of the region.

Besides our education and research mandates, we are equally committed to extend our extension education services so that our technologies and all the latest happenings in agricultural sector including recommendations can reach to each and every farmers of the different corners of the region. I take this opportunity to appeal to the farmers and end users of this region and State as a whole to visit University various events & peak period of the seasons and get updated in recent advances in the field of agriculture & allied sectors.

Dr. Vilas M. Bhale
Vice Chancellor

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Varsity Scientist Invited as an Expert Speaker in an International Seminar in Indonesia



The 29th Asian International Network Seminar on “Education to Raise People from Poverty and to Develop Community Leaders in Asia” was organized by Japan Asian Association and Asian Friendship Society (JAFS), Asian Friendship Society (AFS) International Coordinating Office between 7th to 12th October 2019 and which was hosted by AFS – Indonesia and University of Dhyana Pura, Bali Chapter, Indonesia with an objectives to celebrate the 40th year of JAFS work with its Asian partners in promoting international cooperation for the eradication of poverty and sustainable development and to create opportunity for Asian people to exchange experiences, best practices, and local wisdom to promote sustainable development in Asian countries.

Dr. Varsha V. Tapre, a scientist from Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, allowing her for her sizeable work in the field of medicinal plants had been invited as an expert speaker on the theme “Traditional Medicine and Healing”. Her presentation was highly applauded by the dignitaries and delegates present at the seminar, as she has brought in limelight on international platform, the great Indian tradition and effectual practice of herbs as medicine in the Country. She has received a distinct honor for the same also.

Dr. Tapre is presently working as the Head, AICRP, Medicinal and Aromatic Plants at the Nagarjuna Medicinal Plants Garden of the Varsity. During her career as a scientist, a teacher and an extensionist, she has taken every effort to achieve excellence in her work and has received many accolades as recognition of significance of her work.

She was congratulated by, Dr. V. M. Bhale, Hon'ble Vice Chancellor, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola and appreciated for her rare achievement of being invited as an expert speaker abroad. She is also being congratulated at all the strata of the Varsity for her splendid attainment.

“It has been a matter of uncommon honour for me to represent the University, and the Country as a whole at the international platform to throw light on rich Indian tradition and operative practice of Ayurveda and other therapies and major indigenous medicine systems that has been appreciated by all the scientific community present in the seminar”, Dr. Tapre exclaimed.

Training for Cotton Growing Farmers



Three On-campus and two Off-campus trainings on “Management of pink bollworm in cotton through adoption of Integrated Pest Management Packages” were organized by Directorate of Extension Education, Dr. PDKV, Akola. The trainings were sponsored by DST, New Delhi through KVK, Durgapur under Bio-tech Kisan Hub

Trainings included lectures on Cotton Pink bollworm life cycle and identification, Cotton sucking pest identification and Integrated management, Integrated Weed Management in Cotton, Use of Extension services and mobile App in management of Cotton Pink bollworm, Integrated management of Pink bollworm on Cotton, Cotton Pink bollworm recent status scientific and judicious, Use of Insecticides on Cotton Pink bollworm, Importance of use of Bio-control agents on Cotton Pink bollworm etc. coupled with demonstrations, field visit and laboratory visits. The lectures were delivered by Scientists along with practicals on scientific methods of spraying of Insecticides. Under the project 50 demonstrations were distributed to the selected Cotton growing farmers, A total 50 Cotton growing farmers representing their five selected villages i.e Gaigaon, Redwa, Ural, Paras, Kulkhed Gomase of Akola tahsils were benefitted.

At headquarter training programmes were chaired by Hon'ble Vice-Chancellor, Dr. V.M. Bhale in presence of Director of Extension Education, Dr. D. M. Mankar. Whereas, the off-campus training programmes were chaired by Director, Extension Education Dr. D.M. Mankar, the Sarpanch, Dy. Sarpanch and Cotton growing farmers of 200 numbers were attended. Dr. N.P. Jangwad, Extension Training Officer has organized these programmes.

Farmers Training At COART



Two days trainings for farmers from Gujarat state were organized at Centre for Organic Agriculture Research and Training (COART), Department of Agronomy, Dr. PDKV, Akola. The trainings were sponsored by Project Director, ATMA, Bardoli, Dist. Surat (Gujarat) and were arranged in two separate batches consisting of male and female farmers held during 14-15 and 25-26 November, 2019, respectively.

Trainings included lectures on concerned topics viz. principles and prospects of organic agriculture, composting technologies, profitable cropping systems in organic farming, organic vegetable production technology, plant protection in organic agriculture etc. coupled with demonstrations, field visit and laboratory visits. The lectures were delivered by Member Scientists and practical and demonstrations, field visits were conducted by Senior Research Fellows. A total 27 male farmers and 45 female farmers representing their blocks and tahsils were benefitted.

With the multidimensional work and accomplished amenities for organic farming COART has become focal point for farmers not only from the university jurisdiction and localities nearby but also from the other states too. We have already conducted several trainings in collaboration with ATMA, Department of Agriculture, Akola for farmer groups engaged in organic farming from all 07 talhsils in Akola district under PKVY Scheme and also have plan intended for all districts in Vidarbha that will be implemented soon, added Dr. Adinath N. Paslawar, Chief Scientist, COART.

A Field Trip - Shivar Pheri



The annual *Shivar Pheri* (A Field Trip) programme was organized by the University on 5 to 7 November 2019 on the eve of University foundation day.. This year *Shivar Pheri* 2019 was inaugurated at the auspicious hands of Shri. Wasudeorao Raut from Kaulkhed Gomase and Smt. Durga Taori, a woman farmer from Telahara. The farmers who are the first to register their name for the *Shiwar Pheri* are given an honors to inaugurate the farmers' visit and training programme Hon'ble Vice Chancellor Dr. V. M. Bhale presided over the inaugural function while Hon'ble Shri. Ganesh Kandarkar, member of Executive Council of University, Shri. Mahadeorao Bhuibhar, Appa Gunjekar, Namdeorao Adhau, Director of Extension Education Dr. Dilip Mankar Director of Research Dr. Vilas Kharche, Dean Agriculture Engg. Dr. Mahendra Nagdeve, Registrar Dr. Prakash Kadu were chiefly present on the occasion.

Around 1,500 farmers from Akola, Buldana, Yavatmal, Washim and Amravati districts were present. After the formal inauguration, a bus carrying the first batch of the farmers left to visit various departments and fields. The visits included sites like of organic farming, Department of Horticulture, Cotton Research Centre, AICRP fruits, Dr Panjabrao Deshmukh Memorial Centre Cereals Research Centre, Oilseeds Research Centre, Agriculture Engineering and technology college, Nagargun medicinal plants, Nursery, Dairy Technology Department and tools and equipments exhibition.

MOU with Jindal Crop Science Ltd.,

A very essential and important MOU between Dr. PDKV., Akola and Jindal Crop Science Ltd., Jalna was signed under the Public Private Partnership policy of Government of India today on dated 26th December, 2019. The signed in ceremony was undertaken with remarkable guidance of Hon'ble Vice Chancellor, Dr. V. M. Bhale . The MOU was done with a view to supply quality onion seed/bulb of University released variety Akola safed to the farmers of Maharashtra.



On this occasion, Director of Research, Dr. V. K. Kharche, Managing Director, Jindal Crop Science Ltd., Jalna, Shri. Anand Jindal, Dean., Faculty of Horticulture, Dr. P. K. Nagare, Assistant Director of Research Dr. R. N. Katkar, In-charge, Chilli and Vegetable Research Unit, Dr. S. M. Ghawade, Dr. D.S. Phad and Dr. Shriram Palve from Jindal Crop Science Ltd., Jalna were also present.

MoU with Value Agro Hyderabad



The Agro Processing Centre (APC) creates the employment opportunity to youth, farmers and women to join agriculture sector to augment the economy of rural areas. Under the guidance of Hon'ble Vice chancellor, Dr. V. M. Bhale, Dean, Agricultural Engineering, Dr. Mahendra Nagdeve, and Research Engineer, AICRP on PHET Dr. Pradip Borkar signed MoU between Dr. PDKV, Akola and Value Agro Hyderabad. Under this MoU Value Agro will provide some financial assistance to the selected farmers/SHG/ NGO for establishment of Agro Processing Centre. Under this activity, AICRP on PHET, Dr. PDKV Akola established the APC at Mr. Rajendra Deshmukh, Madsur under the guidance of Dr. Pradip Borkar, RE, PHET and his team. The chairpersons of the program were Mr. Krishana Kumar, Secretary, Value Agro. Mr. Hemsundar, Ms. Neharika and Mr. Shashikant. Mr. Vilas Anansane, Manufacturer Dr. PDKV Akola showed their auspicious presence.

World Soil Day Celebrated



Krishi Vigyan Kendra, Sakoli (Bhandara) Celebrated World Soil Day, Farmer's Melawa and Exhibition on 5th December, 2019 at Swagat Lawn, Lakhani Dist. Bhandara. 35 Exhibition stall were participated in exhibition. On this occasion Hon. Shri. Nanabhau Patole, Speaker of the Maharashtra Legislative Assembly presided over the function and distributed Soil Health Cards to the farmers and appealed for Soil Testing and follow the Soil Health Card. Fertilizer Management to the farmers. Shri. Rajesh Dongre, Chairman, Zilla Parishad Bhandara, Shri. Hindurav Chavan, DSAO, Bhandara, Dr. N. S. Wazire, Programme Coordinator, KVK, Sakoli and Dr. G. R. Shyamkuwar, A.R.S., Sakoli were also present on this occasion.

Fertilizer Application and Web telecast programme



KVK Yavatmal organized awareness programme on Fertilizer Application and Web telecast programme of Hon'ble Shri Narendrasing Tomar, Cabinet Minister of Agriculture, Govt. India, on dated 22.10.2019. The Web telecast programme was inaugurated by Shri. Navnath Kolapkar, DSAO, State Dept of Agriculture, Yavatmal, & Chaired by Dr. S.U. Nemade, Programme Coordinator. Auspicious presence by chief guest Shri. K. K. Chavan, District Soil Testing Officer, Yavatmal Shri. R. D. Pimparkhede, Deputy Director, State Dept of Agriculture, Shri. Rahul Padole, Project Coordinator, AFARM, Shri. Mahesh Sadatpure, Project Manager, AFARM, and farmers were present

Farmers Climate Awareness Programme



KVK, Buldhana has been conducted Farmers Awareness Programme on Climate Resilient Agriculture at KVK, Buldhana on dt. 17th October, 2019. On this event Mr. Manesh P. Yadulwar, SMS- Agrometeorology (DAMU) addressed the farmers on Climate Change and its impact on Agriculture Sector. Simultaneously, he has emphasizes the need to mitigate climatic vulnerabilities by means of adoption of strategies on priority basis viz., short duration, drought tolerant and disease resistant varieties, irrigation scheduling and natural resource management etc.

Meanwhile, Agromet. Advisory Bulletin generated bilingually (Marathi and English) by DAMU, KVK, Buldhana twice in a week i.e. Tuesday and Friday for all talukas belongs to Buldhana district according to crops grown, realized weather conditions and weather conditions forecasted.

Field Day



On 5th Oct. 2019 KVK Sindewahi, organized Field Day on Soybean at village Jewja Tal. Korpana. Dist. Chandrapur. Under project "Crop Diversification towards Soybean in Tribal Districts of Eastern Vidarbha" Tribal Sub Plan Funded by -ICAR-Indian Institute of Soybean Research, Indore. In this field day MAUS- 158 variety of Soybean, (Sole crop) was demonstrated to 40 Tribal farmers. Dr. Vijay Sidam, SMS (Extension Education) guided farmers about importance of Oilseed crop. The program was attended by 113 Farmers.

Inaugurated APC at Dongargan Dist. Ahmadnagar



All India Co-ordinated Research Project on Post harvest Engineering and Technology has established another Agro Processing Centre (APC) namely 'Kusumae Agro Processing Centre' at Dongargan Dist. Ahmednagar. The owner of the centre is Mrs. Kusum Shinde. The programme was inaugurated by Chairperson Dr. Pradip Borkar, Research Engineer, AICRP on PHET, Akola and Mrs. Kusum Shinde and members present were Mr. Kailas Patare, Sarpancha, Dongargan, Mr. S. R. Surang, Dist Rural Industries officer, Ahmednagar, Mr. Raosaheb Mate, Chairman, Society, Dongargan, Mrs. Vrushali Karosiya, Mandal Adhikari, Jeur, Mr. Raviraj Bhalerao, M.C.E.D. Ahmednagar, Mr. Kolte, Progressive farmer, Latur and Trupti Dhakate, Mushroom Trader etc. The APC was established by installing equipments like PKV Dall Mill, PKV Screw polisher, PKV cleaner grader, Oil mill, Pulsed packaging machine, Shewai machine, Neem seed decorticator, Pulverizer, Sugarcane crusher etc. and other activities like fishery, poultry farming and Agriculture waste management through Black Soldier fly were also being carried in the centre. Shri Rajendra Shinde offered vote of thanks at the end.

Inaugural Ceremony of Dr PDKV NCC Office

The proud moment for Dr PDKV University, the inauguration of NCC office as a comemorial day celebrated on 10 Dec 2019. CO. Col. Sanjay Pandey and AO Rajeev Bakshi, PI staff of 11 Mah BN Akola, also the Dean Agriculture, Dr. P.G. Ingole, Associate Dean, PGI, Dr. Y.B. Taide., The ANO of Dr PDKV University Res. D.R. Rathod Sir, DSW officer R.G. Deshmukh, Security Incharge Res Charate, Care Taker Officer Mrs. Shirsat were the chief guest for the opening Ceremony. All the senior rank holders, colour code holders and all the cadets of Dr. PDKV NCC unit lead this auspicious occasion. The office was well proliferated and propaganda was been conducted by our energetic cadets. Total 66 cadets showed their presence for the remembrance of the day. Out of 66 cadets 13 colour code holders staggered their own achivements. The day was



also follow up with the plantation programme by chief guest besides Swathcha mission was also covered in association Dr. PDKV NCC company. Regarding the adventurous achivements NCC Gaurav was been explained exploring our sub unit.

Advance Leadership Camp in Agartala, Aasam



The 10-day 'Advance Leadership Camp' with 281 Senior Wing Cadets from Maharashtra, Karnataka & Goa,NER and Gujrat Directorates took place at 13 Tripura Bn Ncc, Agartala from 17 Nov 2019 to 28 Nov 2019. Sgt Roshan Bhagwat, Sgt Sadhana Ingle and CPL Sachin Madan from 11MAH BN,Dr.PDKV NCC Unit Akola were selected for the camp.All these cadets have already attended TSC Delhi-2018.

Cadets from all three wings of NCC i.e Army, Navy and Air Force were present at the camp."The training given in the camp will empower Cadets with leadership, management and other personality skills to take challenges in all walks of life."

Col S.K.Sharma , Commanding officer of 13 TRIPURA BN NCC , Agartala was present at the opening ceremony of camp.On the 3rd day of camp motivational lecture was given by Saju Vaheed, IAS officer.Dronachary Awardee Bishweshwar Nandi and Commonwealth Games Bronze Medalist and an Olympian Gymnast Deepa Karmakar also visited the camp and guided the cadets.

Avishkar 2019



Research in agriculture should relate to the sustainability in farming asserted Hon'ble Vice Chancellor Dr. V. M. Bhale, at the inauguration ceremony of "Avishkar 2019". The annual research contest for colleges affiliated to the university was inaugurated at the hands of Dr. V. M. Bhale at the agriculture college auditorium. Director of Extension Education Dr. D. M. Mankar, Dean Agriculture Engineering Dr. M. B. Nagdeve, Dean Horticulture, Dr. P. K. Nagare were chiefly present on the occasion. The projects related to the cowdung processing machine, making amino acid from human hair, unna gram and others. The best research projects will be chosen for state level event. Student Welfare Officer Dr. Rajendra Deshmukh, Associate Dean PGI Dr. Yayati Tayade introduced the contest.

10 Day Training programme



A training programme on Issues of Entrepreneurship in Agriculture and Technology has been organized under National Agricultural Higher Education Project (NAHEP) was inaugurated at the hands of Hon'ble Vice Chancellor Dr. V. M. Bhale. Total 40 delegates, mostly scientists of the University, are taking part in the 10-day training programme.

Dr. V.M. Bhale said that the training will help in capacity building of the scientists at the University. At the outset Coordinator of NAHEP Dr. S. R. Kalbande, gave details of the training programme. Director of Research Dr. V. K. Kharche, Dean Agricultural Engineering Dr. M. B. Nagdeve, Nodal Officer of National Agricultural Higher Education Project Dr. S. S. Harne were prominent among those present for the inauguration ceremony.

All India Inter University Kho-Kho (Women) Tournament



All India Inter University West Zone Kho-Kho (Women) tournament was held during 19th-23rd November 2019 at Dr. PDKV, Akola. Inauguration of the tournament was held at the hands of Hon'ble Vice Chancellor Dr. V.M. Bhale. Chief Guest of the inaugural function was Dr. Muralidhar G Chandekar, Vice Chancellor, Sant Gadge Baba Amravati University Amravati. In all 600 players of 50 universities from 5 states (Rajasthan, Madhya Pradesh, Gujarat, Maharashtra & Goa) participated in the said event. University of Mumbai, Mumbai received first Rank, Savitribai Phule Pune University, Pune received second Rank, Shivaji University, Kolhapur & Sant Gadge Baba Amravati University, Amravati, received third and fourth rank respectively. These four teams from west zone will further participate in the All India level going to be held at Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur.



“Agrotech” State Level Mega Agril Exhibition- 2019



A State Level Agriculture Exhibition was organized on the eve of 121st Birth Anniversary of Bhausaheb alias Dr. Panjabrao Deshmukh, First Agricultural Minister of Central Government of Independent India, during 27-29 December 2019, where in the All Agriculture Research Unit participated and arranged a stall for exhibiting the demonstrations and technologies developed by the unit and which are most useful to the farmers. The inaugural function of Agrotech 2019 graced by the presence of Hon'ble Shri. Eknath Dawale, state secretary of agriculture and water conservation, Hon'ble Shri. Prakash Pohare, Chairman Dr. Panjabrao Deshamukh Organic Farming Mission inaugurate the *Padma Bhushan* Dr. Vijay Bhatkar the guest of honor, Vice Chancellor Dr. Vilas Bhale, Shri. Jainuddin Javheri, Shri. Ganesh Kandarkar, Shri. Vinayak Sarnaik, Shri. Moreshwar Wankhade and Archana Barabde Executive Council Member of Dr. PDKV, Dean Agriculture Dr. P. G. Ingoole, Director Research Dr. V. K. Kharche and Organizer and Director of Extension Education Dr. Dilip Mankar, Registrar Dr. Prakash Kadu, Registrar, and Shri. Mohan Wagh, DSAO Akola were present.



The exhibition being held in five domes with around 350 stalls. Besides discussions and seminars the agrotech also includes informative programmes for the visitors. Around 30 stalls raised outside the domes by women self help groups. During the exhibition farmers from the domain districts viz Akola, Amravati, Buldhana, Washim, Yavatmal, Gondia, Gadchiroli, Chandrapur, Wardha, Nagpur and Bhandara and all over Maharashtra has visited the exhibition. The scientists have provided the valuable guidance to the farmers regarding different technologies developed at University was disseminated to the farmers.

Scientists also solved the queries of the farmers regarding different intercropping systems, intercultural operations, in-situ and ex-situ rainwater conservation, integrated nutrient management. Large number of farmers from different regions of Vidarbha and Maharashtra visited the exhibition.

Farmers, students, stakeholders, officers from Agriculture Department of Maharashtra State, reporters, and other dignitaries visited the stall of AICRP for Dryland Agriculture and got acquainted with the technologies developed by the research unit.

Printed Matter



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To,
