



# PDKV News

*Quarterly Newsletter of*

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

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*From the Vice-Chancellor's Desk. . .*



The Agricultural Universities in the State are imparting their mandate of agricultural education, research and extension education besides quality seed production. Education is a character building process, enhancing one's personality and making an individual more rational, capable, responsive and intelligent. Agricultural education provides a range of educational activities with the primary aim of achieving human resource development throughout the rural economies of almost all nations.

The Dr. PDKV is committed for providing quality and need based education to the students, moreover targeting rural youth, thereby promoting courses that have skill development and entrepreneurship development opportunities for the students. The University is already running such programmes as that of National Agricultural Higher Education Project, certificate course on organic agriculture, *Mali* training etc.

The initiatives like experiential learning that

allow students to gain the application of their knowledge and learning, outside the classroom environment so as to acquire grass-root level experience and entrepreneurship skills. The vast network of Agricultural Universities and Colleges can play a leading role in cultivating self-confidence and capabilities in the students required for taking up agriculture as a profession to make agriculture and rural professions intellectually stimulating and economically rewarding to enable to attract and sustain rural youth in agriculture and allied sectors.

Traditionally, the University has its convocation on 5<sup>th</sup> of February every year, where our under-graduates, graduates, and doctorates are awarded with degrees and the meritorious students gets honored with different awards. During this year, 2640, 378 and 50 students were awarded under-graduates, graduate, and doctorate degrees, respectively. This year, 44 of our students were honored with different medals and awards for the extraordinary performances during their academic programmes.

We are committed to making available the knowledge hub through all the latest technological interventions in Agricultural field by introducing new areas in the area of biotechnology, Agri-business management, organic agriculture, nanotechnology, etc. Dr. PDKV is dedicated to overall development of the students so that he or she can face any and all changes and sustain in this extremely competitive world.

**Dr. Vilas M. Bhale**  
Vice Chancellor



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## Farmers Training Programme Organized by AICRP for Dryland Agriculture



One Day Farmers training programme on theme entitled "*Climate Resilient Rainfed Agriculture: Integrated Management and Improved Technologies*" was conducted on dated 28<sup>th</sup>Feb, 2020 at Committee Hall, Dr. PDKV, Akola. The training programme was chaired by Hon'ble Vice Chancellor Dr. V. M. Bhale with the guest of honor DSAO, State Agriculture Department, Akola Shri. Mohan Wagh, in the presence of Director of Research Dr.V. K. Kharche, Dean Agril Dr. P. G. Ingole, Dean, Faculty of Agriculture Engineering Dr. M. B. Nagdeve, Registrar Dr. P. R. Kadu and Chief Scientist, AICRP for Dryland Agriculture Dr. A. B. Turkhede and Farmers from different villages viz: Warkhed, Kajleshwar, Kanshivni, Redwa, Sesa, Tamshi, Pimpalgaon, Gudadhi, Khandala, Ural and Yawalkhed from Akola district attended the training programme. 145 farmers from these villages participated in this One Day Training Programme.

Chief Scientist has given the preface about the training programme and the best dryland farmers from the adopted village of the project viz; Shri Pundlik Chavan, Shri. Prakash Dange, Shri. Ramrao Shinde, Shri. Mahadeo Dange, and Shri.Sachin Kondankar from Warkhed-Kajleshwar were felicitated by Hon'ble Vice Chancellor and other dignitaries. After felicitation, Hon'ble Vice Chancellor, Resp. Director of Research, Dean Agri., Dean (Agril. Engineering) expressed their reviews about the One Day Farmers Training programme and provided their valuable guidance to all the farmers participated in the training programme.

Chief scientist introduced the farmers about the technologies developed at AICRPDA and real time contingency plan implementation for major crops cultivated by the farmers during the discussion and delivered the presentation about the intercropping systems and answered the queries of farmers regarding intercultural operations, soil moisture conservation and fertilizer application.

Soil Physicist, explained role of Integrated Nutrient Management in cotton and soybean and provided information regarding the experiment conducted at AICRPDA. Also explained the importance of mulching and incorporation of glyricidia in the field.



### 34<sup>th</sup> Convocation



Perseverance sacrifice and continuity in efforts can result into success in and field of life. Agriculture students should aim at success by adopting these values as the country today needs learned farmers just as much as it needs engineers said Governor of Maharashtra Hon'ble Shri Bhagat Singh Koshyari. He was speaking at the 34<sup>th</sup> convocation ceremony of Dr. PDKV, Akola Hon'ble Shri Bhagat Singh Koshyari presided over the programme and Agriculture Minister State Hon'ble Shri. Dadaji Bhuse and Chairman of Agricultural Scientists Selection Committee, new Delhi Shri. Aditya Kumar Mishra, also graced the function along with Vice Chancellor Dr. Vilas Bhale, Registrar Dr. Prakash Kadu were prominently present.

Hon'ble Aditya Kumar Mishra pointed out in his speech that local agricultural problems often turn out to be vital on global level as well Agriculture universities are making continuous effort to find solutions to various problems faced by farmers. But Vidarbha needs sustainable irrigation facilities he said.

At the outset, Dr. Vilas Bhale presented report of the university in its golden jubilee year.

Total 44 students were given away prizes on the occasion at the hands of the guest Gayatri Devi Venugopal a student of B Sc, Agriculture won highest number of medals. Amol Yewale won six medals in M Sc, Agriculture. Total 50 research scholars were awarded doctoral degrees while 10 scientist were honoured for their valuable contribution they included Dr. Archana Thorat, Dr. A.N. Patil, Dr. M.P. Meshram, Dr. V.V. Gauad, Dr. V.R. Gupta, Dr. P.V. Shende, Dr. D.V. Durge, Dr. G.R. Shamkuwar, Dr. N.V. Kayande and Dr. D.N. Fad. Further 2640 students were awarded Bachelor's degree and 378 students were given post graduate degrees during the convocation ceremony. It may be mentioned here that student Sharda Wankhade impressed the Governor with her Sarsawti Vandan recitation and the letter announced a special prize of Rs. 11,000 to her.

### Annual Social Gathering



Annual Social Gathering of College of Agriculture, Akola was organized during January 28-30, 2020. The gathering was concluded in a grand function under Hon'ble Vice Chancellor Dr. V. M. Bhale presided over the and Associate Dean COA Dr. S. S. Mane was the chief guest, Student Welfare Officer Dr. K.J. Kubade were present on this occasion. Dr. Bhale guided the students on this occasion. Various events such as various sports, dance, singing, acting, poster making, quiz, debate, speech, rangoli etc. were organized.

### 20<sup>th</sup> All India Inter Agricultural Universities Sports



20<sup>th</sup> All India Inter Agricultural universities sports & Games meet 2019-20 was organized by Sri Venkateswara Veterinary University, Tirupati, Andhra Pradesh from 1<sup>st</sup> -5<sup>th</sup> March, 2020. A contingent of 40 players (30 boys & 10 girls) of Dr. PDKV participated in the event. Dr. PDKV, Akola reported their remarkable performance in Volley ball (Men/Women), Kho-Kho (Men), Badminton (Men), Athletics (Discuss throw (women), Shotput (Men), High Jump, 100 mtr running) and bagged 4 medals for the university. Dr.K.J.Kubde (Director of Students Welfare), Dr.M.V.Totawar (Nodal Officer ICAR Sports), Team Managers Dr.R.A.Tambe & Smt Swati Deshmukh participated along with the contingent under the encouragement & motivation of Hon'ble Vice Chancellor Dr. V. M. Bhale



## Trainings For Farmers and Students



Indian Council of Agriculture Research, New Delhi had allotted funds under ICAR Scheme “Scheduled Caste- Sub Plan (SC-SP)” under the Strengthening and Development of Higher Agricultural Education in India to College of Horticulture, Akola during 2019-20.

The College of Horticulture has conducted training programmes for farmers at Sahit, Tal. Barshi Takali, Distt. Akola during 2-4<sup>th</sup> March, 2020 under HRD Two Entrepreneurship Development Programmes of three and two days were also organized for 40 selected farmers from Sahit at College of Horticulture and Maharashtra Centre for Entrepreneurship Development, Amravati during 5-7<sup>th</sup> March and 8-9<sup>th</sup> March, 2020 respectively.

Personality development programmes of experts speakers like Mr. Sachin Burghate, Mr. Kushal Raut and Mr. Ramchandra Thombre were organized for thirty seven SC students of UG, PG, and Ph.D. at College of Horticulture, Akola. Under this scheme tutorial classes of eminent experts were also organized for preparing students for different competitive examinations.

These programmes were organized under the guidance of Dr. P. K. Nagre, Dean, Faculty of Horticulture and Associate Dean, College of Horticulture, Akola. Dr. A. M. Sonkamble Programme Coordinator and Head, Department of Vegetable Science, Dr.S.R.Patil, Co-ordinator and Professor (CAS) took sincere efforts for successful organization of above programmes.

### Capacity Building Training Programme

ICAR scheme Scheduled Caste Sub- Plan under the “Strengthening and Development of Higher Agricultural Education In India” approved central assistance to College of Forestry, Dr.P.D.K.V., Akola for training and capacity building programme during the year 2019-20.

The training programme was organized under the



guidance of Hon'ble Vice-Chancellor, Dr. V.M. Bhale. The Inaugural function was held in the presence of Dr. P. G. Ingole, Dean (Agriculture) & Director of Instruction, Dr. S. S. Harne, Associate Dean, College of Forestry and Dr. S. G. Bharad, Nodal Officer (ICAR), master trainers Shri. Khushal Raut and Shri. Sanjeev Rane from the Communicare, Pune. Total 40 beneficiary students of College of Forestry participated (13 girls and 27 boys) in the training.

At the outset, Shri.V.B.Shambharkar briefly addressed the objectives and importance of the training for student's career development. Dr. Bharad in his remarks elaborated the insight of ICAR behind extending financial support for such capacity developmental programmes among the forestry graduates. He further stated that the main purpose of such training is to develop positive attitude among young minds for entrepreneurship. Dr. Harne advised students to change their approach for character enrichment and to suit the changing scenario of higher education at National level. The trainer Shri. Khushal Raut, in his address ignited the minds of young students by giving emphasis on the soft skills as a crucial precursor of personality development. He outlined the sessions to be conducted with students and wished them to be the best in every aspect of life. While addressing the participants at the Inaugural function of training on “Soft Skill & Character Enrichment” on dated 2<sup>nd</sup> March Dr.P.G. Ingole emphasized that today's world is full of challenges and change. Youths are required to be molded, adapt and confront these challenges with a sensible outlook and eternal conscience. He also appealed the students to acquire the skill from the Master Trainer fullest to potential for their future.

The College staff viz., Dr. V. P. Mane, Dr. A. U. Nimkar, Sh. S.W. Choudhari, Sh. V.B. Shambharkar, Smt.Ujwala S. Sirsat, Sh. Anant Deshmukh, Dr. P. R. Damre, Sh.S.M. Sher and other staff members were actively involved for successful organization of the training.



## 20<sup>th</sup> Maharashtra Sinchan Parishad



The 20th Maharashtra Sinchan Parishad will be inaugurated at the hands of Hon'ble Union Minister of State for Information Technology Shri Sanjay Dhotre at Dr. PDKV, Vice Chancellor Dr. Vilas Bhale, will preside over the inaugural programme.

The sinchan parishad is being organized jointly by the University and Sinchan Parishad Sahayog, Akola. The meet will focus on availability and utilization of water resources.

Dr. Madavrao Chitale, President of International Commission for Water Recourses, Dr. Shankararao Magar, former Vice Chancellor, Balasaheb Sawant Konkan Krishi Vidyapeeth, Dr. D. M. More, President of Maharashtra Sinchan Sahayog, Avinash Surve, Secretary of Vidarbha Irrigation Development Corporation, Sanjay Kulkarni Chief of Tapi Basin Development Corporation Dean Education Dr. P. G. Ingole, Director Research Dr. V. K. Kharche, Director of Extension Education Dr. D. M. Mankar, Dean of Agril. Engineering Dr. M. B. Nagdeve will guide the two day meet.

Dr. Sudhir Wadatkhar, Chief of Sinchan Sahayog Akola Dr. Chinmay Wakode, Secretary and their team are taking efforts to make the meet a success.

### Training Programme of Farmers

Three On-campus trainings on "Organic farming & field Visit" and "Management of pink bollworm in cotton through adoption of Integrated Pest Management Packages" were organized by Directorate of Extension Education, Dr. PDKV, Akola during 13<sup>th</sup> -15<sup>th</sup> January, 2020, 10<sup>th</sup> - 11<sup>th</sup> February, 2020 and 27<sup>th</sup> - 29<sup>th</sup> February, 2020 at Dr. PDKV, Akola. The trainings were sponsored by DST, New Delhi through KVK, Durgapur under Bio-tech Kisan Hub

Trainings included lectures on Principles and



prospects of organic agriculture, Composting technologies, Profitable cropping systems in organic farming, Organic vegetable production technology, Plant protection in organic agriculture, Composting for soil health, Integrated nutrient management in paddy crop, Vermicomposting technology, Organic farmers club formation and management, Organic certification, Paddy cultivation technology, Integrated pest management in paddy crop, Integrated disease management in paddy crop, Role of livestock in organic farming, Green manuring techniques. Under 2<sup>nd</sup> and 3<sup>rd</sup> training programme 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 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 practical's 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, Kualkhed Gomase of Akola tahsil were benefitted.

At headquarter training programmes were chaired by Director of Extension Education, Dr. D. M. Mankar, in presence of I/c COART, Dr. PDKV, Akola Dr. A. N. Paslawar and Head, Agronomy and Associate Dean, COB, Yavatmal, Dr. N.D. Parlawar Whereas, Cotton growing farmers of 150 numbers were attended. Extension Training Officer, Dr. N.P. Jangwad, has organized these programmes.



## Felicitated KVK



At Akola on 17.02.2020 Programme coordinator, Krishi Vigyan Kendra Yavatmal - I (Dr.PDKV Akola) Dr. S. U. Nemade & Dr. P.N. Magar, SMS (Plant.Protection) felicitate for successful implemented collaborative Project of pink boll worm management in cotton crop by Hon'ble Central State Agriculture Minister, Govt. of India Shri Rupalaji in presence of Hon'ble Vice Chancellor Dr. V. M. Bhale, Director of Extension Education, Dr. D. M. Mankar, Hon'ble Shri Gowardhan Sharma, MLA, Akola, Distt. Collector Shri Jitendra Papalkar and Managing Director UPL Company Mumbai, Shri Rajjubhai Shroff were present.

## Field Day on Chickpea



On 15th Feb. 2020 KVK Sindewahi, organized Field Day on Chickpea Under project of NFSM Funded by –ICAR-ATARI, Pune at village Chikhali Tal, Mul. Field day conducted under the Chairmanship of Director of Extension Education Dr. D. M. Mankar, In this field day Jaki-9218 variety of Chickpea, (Sole crop) was demonstrated to 50 farmers of Chikhali /Kajalsar/ Lonwahi / Latbori village of Mul & Sindewahi Tq. on this occasion Dr. D.M. Mankar, addressed to the farmers about production technology of Chickpea crop and also performance of Chickpea Jaki- 9218 variety developed by Dr.PDKV he also said that importance of Pulses crop &

Aware to the Farmers about planning of Rabi crop in which importance of soil testing, preparation of land, selection of Variety, fertilizer application and their management, Different Rabi crop Cultivation Practice & Technology used in Chandrapur District. Dr. V. G. Nagdeote, Programme Coordinator, KVK, Sindewahi guided to farmers on ICM of Chickpea. On this occasion Krishisawadini are distributed to the farmers. The program was attended by 102 Farmers from Mul Thasil of the Chandrapur District

## Agricultural Technology Week-2020



Agricultural Technology Week-2020 was celebrated from 12-14, February, 2020 by KVK, Washim. Major focus was to demonstrate location specific, low cost farm technologies In the changing agricultural scenario and provide face to face guidance about newly emerging agricultural technologies to the farmers during Agril. Technology week, special focus was given for doubling farmers income through reducing cost expenses and start agril allied enterprises by farmers. Director Extension Education, Dr. D.M. Mankar chaired the inaugural function. Additional CEO, Zillah Parishad, Washim Mrs. Leena Bansode, inaugurated the programme. Other dignitaries on the dias were Head, Deptt. Of Agril. Economics Dr. B.N.Ganvir, Sub-Divisional Agril. Officer, Dattatray Chaudhari, Agril. Development Officer, V.S. Bandgar, Trustee of host institute, Sanjay Ukalkar, Incahrge Agril. Research Station Dr. Vikas Gaud and Sr. Sci. and Head KVK, Dr. R.L. Kale.

Dr. D.M. Mankar in his presidential address highlighted proven technologies of Dr. PDKV and focused on drought mitigation practices, broad bed and furrow method, crop diversification, integrated farming system etc. While greeting all the farm innovators Dr. Mankar said that due to recognition social responsibility of farmers has increased and appealed these farmers to share their innovative ideas with neighbor hood farmers and they will get satisfaction and joyful life.



### Hon'ble Vice Chancellor Awarded



Dr. Vilas Bhale, honoured with prestigious "Harit ratna award" by AIASA, New Delhi. All India Agriculture Student's Association, New Delhi, the nationally recognized agricultural student's association has confirmed Dr. Vilas Bhale, Hon'ble Vice Chancellor for most prestigious award, "Harit Ratna Award" 2019 for his outstanding contributions in the field of agriculture education, research and extension during last 15 year's that enables strengthening of rural youths especially. The award ceremony was held at Indira Gandhi Krishi Vishvavidyalaya, Raipur (CG) during 5th National Youth Convention on "Agri Innovations for future generations" jointly organized by Indira Gandhi Krishi Vishvavidyalaya, Raipur (CG), All India Agriculture Student's Association, AIASA New Delhi, and Indian council of Agriculture Research, pusa New Delhi on 20th January 2020. The award was received at the hands of Hon. Dr. R.C.Agrawal, DDG., Agril Education, ICAR, New Delhi in the gracious presence of Hon. Col.Dr.S.K.Patil, Vice-chancellor, IGKV, Raipur and others

### Best Centre Award



The Post Harvest Engineering and Technology (PHET) Department has been awarded the Best Centre at the 35<sup>th</sup> annual workshop All India Coordinated Research Project held in Jabalpur recently. The All India Coordinated Research Project aims at giving scope and

inspiration to innovative research work in the post harvest engineering and technology. Research, Publications, participation in national level workshops, MoUs are some of the criteria to select a centre to declare as the Best Centre. The PHET centre at Dr. PDKV fulfilled all the norms qualifying for the award.

Research Engineering PHET, Dr. Prdip Borkar received the award along with his colleagues Saklkar, Mohod and Dhumale at the hands of Dr. Bisen Vice Chancellor of Jawarlal Neharu Krishi Vidyapeeth, Dr. S. N. Zha, Assistant Director General, Dr. S. K. Tyagi, Project Coordinator, at a function held in Jabalpur

### Field Day on Linseed



AICRP and Mustard Research Project, Agriculture College, Nagpur organized Field Day programme under the RKVY, at Magan Sangrahalaya Samiti Girad, Tal. Samudrapur Dist. Wardha. A *Javas Sheti Din* program was held on Thursday 12th March at the farm at Gird, in which the farmers spontaneously participated. Director Extension Education Dr. D. M. Mankar presided over the program. They said that farmers should also look at the good price of oil while harvesting linseed and extract oil and sell it so that their economic condition would improve and the position of the state as well as the country would be strengthened.

Associate Dean of Agriculture College Nagpur, Dr. Devanand Panchbhair, who was present as the Special Guest on the occasion, while guiding the farmers, appealed to the farmers to increase the area under linseed considering the future importance of the crop. Also, as many people know the medicinal properties of linseed, it should be used in our daily life, linseed would be a great alternative as a remedy for the growing diseases in human life.

To see the demonstration all the farmers visited field of linseed. During the visit, Dr. Beena Nair, Dr. Jivan Katore, Jagdish Parbat, Dr. Shilpa Rananaware, Rupali Damdar and Gopal Kavalkar introduced linseed to the farmers.



### Param Computer linked with Dr. PDKV



Dr. PDKV will now be connected with Param Shavak Srushti Param computer. This has been the first linking of agriculture sector with Param Computer. The public dedication ceremony will take place 11 January 2020 at the University.

Linking with the Param Shavak Srushti Super Computer will provide opportunities to the University to provide latest and authentic information to the farmers. Union State minister of Information Technology Hon'ble Shri. Sanjay Dhotre will grace the public dedication ceremony, Director of CDAC Dr. Hemant Darbari will be prominently present. Hon'ble Vice Chacellor Dr. V. M. Bhale, former guardian minister Dr. Ranjit Patil, Mayor Shrimati Archana Masane, EC Member MLC Shri. Gopikishan Bajoria and other dignitaries were prominently present.

The applications in Param Shavak Srushti Computer will simulate dynamic processes in the fields. Other applications provide exact information and updates about rainfall, weather conditions and temperature. Harit Priya Solutions, a an application produced by CDAC will provide micro information about weather conditions. The tango software will help farmers to decide upon the use of fertilizers, pest controls etc.

Addressing the gathering at the Union Minister State Shri. Sanjay Dhotre said It is first in the country that Agro based center for excellence can be established in the University first in the country.

Dr. Vilas Bhale assured the minister that the university will fulfill all the expectations of the Government through shavak srushti computer.

### PDKV Alumni Meet Organized



The National Agricultural Higher Education Project (NAHEP), Innovation Grant (IG), Capacity Building and Skill Development in Renewable Energy, Dr. PDKV, Akola has successfully organized Dr. PDKV ALUMNI MEET -2020 for university alumni on 06.02.2020 at convocation hall. The program was inaugurated at the auspicious hands of Alumnus Hon'ble Cabinet Minister, Animal Husbandry, Dairy development, Sports and Youth Welfare, Govt. of Maharashtra Shri. Sunil Kedar, Alumnus MLA, Morgoan Arjuni, Gondia Shri. Manoharji Chandrikapure, and Alumnus Marathi Film Actor Shri Bharat Ganeshpure, were present as a guest of honour to grace the occasion. The alumni of university, students and all faculties Approx. 1500 were attended the said alumni meet. Hon'ble Vice Chancellor, Dr. V.M. Bhale was the chairman of the inaugural program and chief patron of the alumni meet.

On this occasion Ex. Vice-chancellor, Dr. PDKV, Akola and all Dean, Directors of University and other dignitaries were present during the occasion.

The invited dignitaries delivered various lectures during this meet on important topics for students.

Hon'ble Vice Chacellor, Dr. V. M. Bhale, in his chairman's address said that, he feels proud that the graduates from this university has contributed in the many sectors such as administrative govt. services, agricultural sector, banking, agri-business, private companies, politics and many other sectors.

Printed Matter



From :

**Director, Extension Education,**  
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To,

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