VNMKV

PROFILE

ICAR Accredited 'A' Grade University

Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani - 431402 (Maharashtra) India
www.vnmkv.ac.in

College of Agriculture,
Parbhani

College of Agriculture,
Latur

College of Agriculture,
Badnapur

College of Agriculture,
Dharashiv

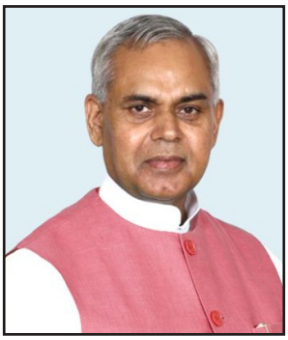
VNMKV PROFILE

ICAR Accredited 'A' Grade University

शेतकरी देवो भवः

Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani - 431402 (Maharashtra) India

वसंतराव नाईक मराठवाडा कृषि विद्यापीठ,
परभणी ४३१ ४०२ (महाराष्ट्र)



Shri. Acharya Devvrat

Hon'ble Governor of Maharashtra

& Hon'ble Chancellor, VNMKV, Parbhani

Shri. Dattatray Bharane

Hon'ble Minister of Agriculture, Maharashtra State

& Hon'ble Pro - Chancellor, VNMKV, Parbhani

Prof. (Dr.) Indra Mani

Hon'ble Vice-Chancellor

Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani

Vasantrao Naik Marathwada Krishi Vidyapeeth Parbhani
A PROFILE

Agriculture is a primary occupation in Maharashtra, the second most populous state in the country, heavily relying on this sector. The state economy is significantly dependent on agriculture. Maharashtra agriculture is diverse and complex with varying topography, soil types and rainfall pattern. The real transformations of agriculture in the Maharashtra State has its seed in the establishment of Maharashtra Krishi Vidyapeeth way back in 1968. The very importance of agro-climatic zones was understood and implemented by the State Government and as a result Mahatma Phule Krishi Vidyapeeth for Western Maharashtra and Dr. Punjabrao Deshmukh Krishi Vidyapeeth for Vidarbha region, Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani for Marathwada region and Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli for Kokan region were established during the period 1969-72.

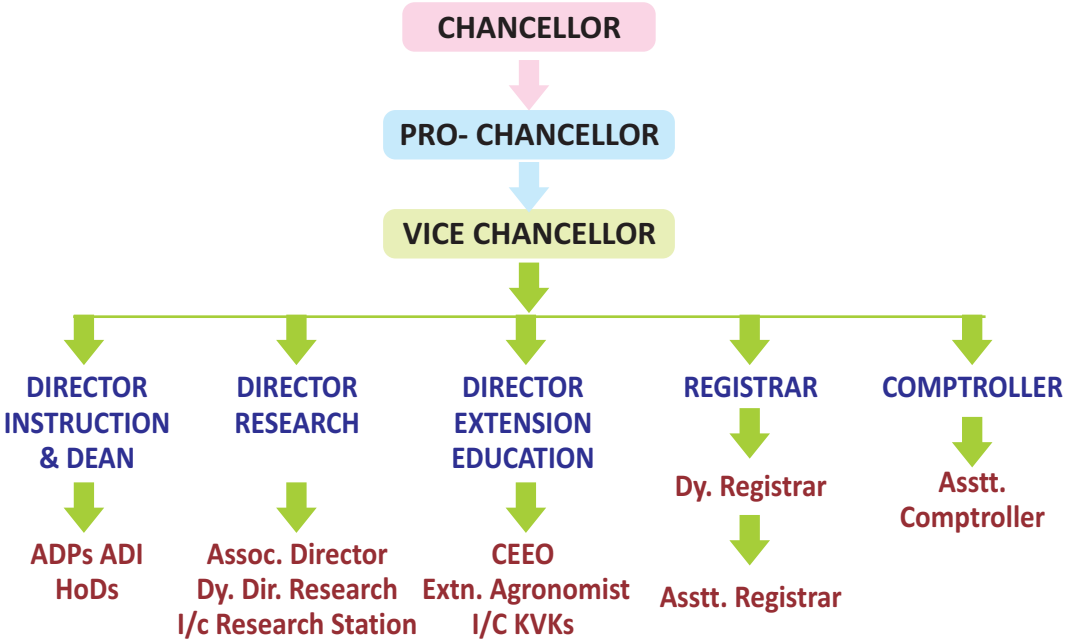
The agricultural research at Parbhani has a glorious legacy of more than 108 years. Cotton Research Station, *Maheboob Baugh* Farm is one of the oldest research stations established in the year 1918 especially for genetic improvement of *desi* cotton. The establishment of College of Agriculture at Parbhani in 1956 marked the beginning of the agriculture education in Marathwada. Maharashtra has the distinction of having Agricultural Technical Schools (ATSs) that offer diplomas in agriculture for training and skilling farm-level technical manpower such as *gramsevaks* and village level workers. The first Agricultural School in Marathwada was established in the year 1960. After the establishment of VNMKV, all agricultural schools were brought under the university. The objectives of the University include education in agriculture and allied sciences, research based on regional needs, to develop appropriate plans for conservation of natural resources for their sustainable use and technology transfer. VNMKV, Parbhani has been accredited with an 'A' grade by ICAR, New Delhi (3.21/4). The constituent UG, PG & Ph.D. programs in various faculties are accredited by Peer Review Team of ICAR New Delhi. The University stands at 33rd position at National level & 2nd State Rank in Indian Institutional Ranking Framework (IIRF) 2025.

Mandates of the University

- Provide education in agriculture and allied sciences by integrating and coordinating teaching in different faculties and examine the students, confer degrees, diplomas, certificates and other academic distinctions.
- Provide research base to improve the productivity of agri-horticulture, livestock, fisheries and agri-allied activities in Marathwada region through adaptive, basic and applied research for attaining economic self-sufficiency.

- Develop appropriate plans for conservation of natural resources for their sustainable use.
- Undertake and guide extension education programmes, extend services of training, conduct demonstrations and develop appropriate communication network.
- Standardize technologies for crop production, protection, harvesting, marketing, postharvest utilization, livestock and fisheries for improving the living standard of farmers, farm workers and women in Marathwada.
- Provide necessary production support of nucleus, breeder and foundation seed of important crops of the region and generate revenue through large farms for sustainable growth of the University.

Organogram



Education

Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani imparts education leading to Bachelors, Masters and Doctoral degree programmes under the faculties of Agriculture, Food Technology, Agricultural Engineering, Community Science, Agricultural Business Management and Agricultural Biotechnology. The agricultural colleges are located at Parbhani, Latur, Ambajogai, Badnapur, Dharashiv and Golegaon. Agricultural Engineering, Food Technology and Community Science Colleges are located at Parbhani. College of Agricultural Biotechnology is located at Latur while Post Graduate Institute of

Agricultural Business Management is located at Chakur. During the year 2023, Government of Maharashtra approved 3 new colleges of Agriculture at Nanded, Sillod (Ch.Sambhaji Nagar), and Parli (Beed) and 1 new college of ABM. The University has 43 private non granted affiliated colleges. In addition, there are 6 constituent and 51 affiliated agricultural technical schools offers two years Marathi medium diploma in agricultural technology.

Educational Milestones of VNMKV

2023: College of ABM, Parli

2023 : Three Colleges of Agriculture, Nanded, Sillod, Parli

2012: College of Agriculture, Golegaon

2002 to 2014-15: Establishment of Non Grant Affiliated Colleges - 43

2008: Agricultural Business Management, Chakur

2006: Colleges of Agril. Bio-tech, Latur

2000: Colleges of Agriculture Badnapur, Osmanabad, Ambejogai

1987: College of Agricultural Engineering, Parbhani

1987: College of Agricultural, Latur

1984 : Colleges of Horticulture, Parbhani

1976: College of Home Science, PBN

1976: College of Food Technology, PBN

1972: Establishment of Marathwada Agricultural University, Parbhani

1970 : Post graduation in Agriculture was started in 9 disciplines

1956: College of Agriculture, Parbhani only UG Programme was started

The University offers various undergraduates programmes viz. B.Sc. (Hon.) Agriculture, B.Sc. (Hon.) Horticulture, B. Tech. (Agril. Engineering), B.Sc. (Hon.) Home Science, B.Tech (Food Technology), B.Sc. (Biotechnology) and B.Sc. (Hon.) (ABM). The annual intake of students in the university of all the Bachelor's degree programmes during academic year 2024-25 was 5450 students (1170 for constituent + 4280 for affiliated colleges) while it is 411 and 88 for masters and doctoral programmes respectively. The total 4511 students are on roll in constituent colleges and 9486 students are on roll in affiliated colleges. The students passed std. 12 (Science group) are admitted to all these degree programmes. From the total admission capacity, 70 per cent seats are filled in by the students, who have passed the qualifying examination from the jurisdiction of university area (U quota) and the remaining 30 per cent seats are kept open for all students of the state (M quota) plus ICAR quota. All the degree programmes are of 4 years duration i.e. 8 semesters. There is common examination system for all the four Agriculture Universities of this state.

The university offers post graduate programme leading to M.Sc. (Agriculture), M.Sc. (Horticulture), M.Sc. (Molecular Biology & Biotechnology), M.Tech. (Agril. Engineering), M.Tech. (Food Processing Technology), M.Sc. (Community Science) and MBA (ABM). The students having basic degree in the concerned discipline are admitted on the basis of merit in CET, for masters degree programme and for Ph. D. programme, on the basis of merit at PG. The Ph. D. programme is offered in all disciplines of Agriculture, Agriculture Engineering and Food Technology.

Rise in Girls Students : The enrollment of girl students is increasing in agriculture and allied sciences, with 31% at the undergraduate level, 45% at the postgraduate level and 55% at the Ph.D. level during the academic year 2024-25.

27th Convocation of VNMKV :

During the 27th convocation of the University scheduled on 11th December, 2025, University will award Bachelors' degree to 2591 candidates i. e 1945 B. Sc. (Agriculture), 36 B. Sc. (Horticulture), 247 B. Sc. (Agric. Biotech), 261 B. Tech. (Food Technology), 49 B. Tech. (Agril Engineering), 16 B. Sc. (Community Science) and 37 B. Sc. (Agri. Business Management) graduates. Similarly, University will also award Masters' degrees 229 M. Sc. (Agriculture), 38 M. Sc. (Horticulture), 14 M. Tech. (Food Technology), 03 M. Tech. (Agril. Engineering), 07 M. Sc. (Community Science) and 32 M.B.A. (Agri.) i.e. total 333 post graduates with 28 Doctorate of Agriculture, 12 in Food Science, 01 in Home Science and 03 in Agril Engineering. The total eligible candidates of Bachelors', Masters' and Doctoral degrees for 27th convocation is 2968.

Skilled Manpower Developed by VNMKV : Fostering Excellence for Over Half a Century : With 53 years of dedicated service to the nation, the university has achieved a remarkable milestone by awarding 68,987 degrees across undergraduate, postgraduate, and doctoral levels, including those being conferred today. In addition, 56,870 agricultural diplomas and 1391 gardening course certificates have been awarded, collectively contributing to the creation of 1,27,248 skilled professionals. Our alumni have made significant contributions to national and state development, excelling in diverse roles across sectors. Many have become successful entrepreneurs, establishing enterprises that not only drive economic growth but also generate valuable employment opportunities for others, reflecting the university's enduring impact on society.

Student READY Programme

Student READY programme (Rural Entrepreneurship Awareness Development Yojana) is a new initiative of Indian Council of Agricultural Research to reorient graduates of Agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture. Introduction of the programme in all the Agricultural Universities as an essential prerequisite for the award of degree to ensure hands on experience and practical training depending on the requirements of respective discipline and local demands. This programme includes five

components i.e. Experiential Learning, Rural Awareness Works Experience (RAWE), In-Plant Training / Industrial attachment, Hands-on training (HOT) / Skill development training and Students Projects. All these components are interactive and are conceptualized for building skills in project development and execution, decision-making, individual and team coordination, approach to problem solving, accounting, quality control, marketing and resolving conflicts, etc. with end-to-end approach.

The Rural Awareness Works Experience (RAWE) helps the students primarily to understand the rural situations, status of technologies adopted by farmers, prioritize the farmers problems and to develop skills and attitude of working with farm families for overall development in rural area. The programme will help in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby, preparing the pass-out for self-employment and Experiential Learning (EL) helps the student to develop competence, capability, capacity building, acquiring skills, expertise and confidence to start their own enterprise. RAWE and AIA program consisting of four components is implementing for 24 weeks. In plant Training and Experiential Learning programmes are introduced in VII & VIII semesters in the UG programmes. The evaluation and gradation for various courses is on 10 points scale.

New Education Policy 2020

During academic year 2024-25, the University has implemented NEP 2020 and adopted the recommendations of the 6th Dean Committee at the undergraduate level, making concerted efforts to foster agricultural entrepreneurship among agriculture graduates. During the academic year 2022-23, the University has implemented the BSMA recommendations at the postgraduate and doctoral levels to address challenges and seize opportunities across various disciplines of agriculture and allied sciences, and to align with the various provisions of the National Education Policy (NEP) 2020. The University has initiated steps toward the implementation of the National Education Policy (NEP) 2020 viz., ABC (Academic Bank Credit), Digilocker system, AMS (Academic Management System), Blended Learning Platform (BLP) etc. The university is endeavouring to enhance the skills of students to compete with the international standard and to encourage innovative research through collaborations with renowned institutions both nationally and internationally.

National & International Exposure

During the year 2023-24, through the National Higher Agricultural Education Project (NAHEP), 51 students and 24 faculty members completed their training from leading international universities around the world (12 countries), including the USA, Spain, Hungary, Australia, Malaysia, Brazil, Thailand, Canada and other countries, marking a historic moment for the university. In addition to this, efforts have been made over the past one and a half years to provide training for students and faculty at IITs and various leading research institutions within the country. This is expected to aid in improving the educational and research standard of the university.

Students Counseling and Placement Cell

There is Student Counseling Cell at all the constituent colleges for guiding students in their academic and co-curricular activities for enhancing their overall personality development and achievement. The Student's Placement Cell is established at the main campus of the University. The university invites various employer / agencies for the recruitment of UG and PG students.

Sports and Co-Curricular Activities

University is actively engaged in various activities which improve the sports, arts, leadership etc. skills of the students by organizing inter-college sports tournament, inter-college cultural competition, yoga day, inter-college research festival, disaster management training and various programs of NSS. This office has excellent facility of out-door and in-door games, theater and gymnasium. This office has experienced faculty members to train students for sports and cultural activities.

Gymnasium Facility

In main campus of the university, modern gymnasium facility is provided to UG, PG and Ph.D. students of five agricultural and allied colleges viz; College of Agriculture, College of Horticulture, College of Community Science., College of Food Technology and College of Agricultural Engineering and Technology. Separate gymnasium facility is established at Rajmata Jijau hostel for girls' students. This facility will improve students' health and physical strength and enhance their performance in sports and cultural activities.

Outdoor Sport facilities

In the University sports complex below mentioned sports facility are available for boys and girls students.

Sr.No.	Types of Sports / Event	No. Ground / Court
1.	Kabaddi	04
2.	Volleyball	04
3.	Kho-Kho	04
4.	Basketball	02
5.	Running Track 400 M with 10 line	01
6.	Auditorium	01
7.	Badminton court	02
8.	Yoga ground	01

Indoor games facilities

This office has excellent auditorium for all cultural activities. In-door facilities viz; Badminton, Table Tennis, Chess, Carom etc are also available for students. All inter-college tournaments are regularly held at this office. These in-door facilities are utilized during all major sports and cultural events like Krida Mahotsav, Indradhanushya, Avhan and Avishkar.

Youth Festival

Student Welfare Office annually organizes inter-college youth festival. During this year festival was organized at College of Agriculture, Selu. During the youth festival, students have participated in five major categories viz, Folk dance, Fine art, Music, Theater, Literary.

Sports Meet Organization

Student Welfare Office annually organizes inter-college sports festival. During this year inter college sports competition for boys and girls was organized in table tennis, badminton, kho-kho, kabaddi, chess, basketball, Athletics, volleyball at various government and private agriculture and allied colleges.

Achievements Participation in Sports and Cultural Activity

Indradhanush - 2024
(Bronze Medal in Fine Art)

Indradhanush - 2024
(Silver Medal in Installation)

First prize in the "National Conference on Data Science for Climate Resilience"
Dr. Homi Bhabha State University, Mumbai.

First prize in Zonal II student elocution on Frontier science and Technologies in Agriculture at MAFSU, Nagpur

National Service Scheme

In the year 2024-25, total 3100 volunteers were registered from 52 Agriculture and allied colleges in Marathwada region. These volunteers have conducted very useful programs which are beneficial for societies especially for rural youth, farmers and women. The majors program were transfer of improved agricultural technologies to farmers, yoga day, disaster management training programme, personality development training programme, tree plantation, blood donation camp, clean campus-green campus etc.

Student Hostels- 18 hostels with good facilities are made available for both Boy's and Girl's students at all the constituent colleges.

International Students Hostel

Girls Hostel at CoA, Latur

'Indradhanusha', Sports Hostel

PG Girls Hostel at CoA, Latur

Centre of Excellence on Digital Farming at VNMKV

The Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani has taken initiatives to promote the digitalization of agriculture. The "Centre of Excellence for Digital Farming solutions for Enhancing Productivity by Robots, Drones and AGV's (DFSRDA)" under Centre for Advanced Agricultural Science and Technology (CAAST) has been established under World Bank sponsored National Agricultural Higher Education Project (NAHEP) of Indian Council of Agricultural Research (ICAR), New Delhi, Government of India, since 2019. The centre has established an advanced basic engineering hardware and software setup such as Mechatronics, CAD/CAM/CAE, 3-D Printers and Instrumentation Laboratories for Agri-bots, Agri-drones and Agri-AGVs. Recently, the University has received the sanction of Centre of Excellence in Digital and Sustainable Agriculture from Dept. of Science and Technology (DST).

Promotion of Drone Technology : VNMKV's initiative to foster the use of drone technology A six month professional Agri Drone Course has been started by the University, specifically designed to foster skills and entrepreneurship among agricultural graduates, farmers and rural youth. In addition, the university has established a Custom Hiring Centre to provide drone services for insecticide spraying to farmers at a reasonable price. Furthermore, it has collaborated with the drone industry to set up Remote Pilot Training Organization (RPTO) Centre, offering training and drone pilot license facility.

Drone Demonstration

Grafting Robot Demo

University Library

The University has developed well equipped and maintained libraries in all the constituent colleges as well as one Central Library at VNMKV campus. The University Library is committed to provide an easy and ready access to library resources for updating the knowledge base of the students and staff. Our endeavor is to keep the users of our library abreast of the state- of-the art inputs in respect of their discipline, so that they can face confidently challenges thrown open by 21st Century.

University Library

Dr.APJ Abdul Kalam Inspiration centre

The Central Library has 87933 books, 70 e-books, 17142 periodicals, 105 print journals, 2880 e-journals cera, 8 types CD ROM and 9016 theses. With the increasing impact of ICT on higher education, the library has adopted ICT tools for the effective library services. The library is computerized with Koha library management software. With the installation of RFID, the libraryhas moved one more step towards modern library. The grants received form ICAR for strengthening of library has been effectively utilized for the creation of modern facilities in the library.

Presently, this library is providing information network and CAB-CD ROM, Agris, FSTA CD ROM, EBSCO's Academic search premier CD-ROM database facility and openj-gate, cera.jccc.in, indiastat.com service for information services. Indices and abstracts can be provided on Agriculture and related subjects by these databases. Researchers are provided documentation and information service by these databases. Subject-wise Indices and Abstracts are provided to the students and staff. VNMKV received Best Usage J-gate Discovery Platform appreciation certificate in 2022

Research

The University has been consistently involved in the mission of generation of research outcome congruent with the agro-climatic conditions of the region and the needs of farmers. Meticulous care is taken to ensure that the developed research technologies should be technically feasible, economically viable and acceptable to the farmers.

The University has 19 research stations funded by Govt. of Maharashtra established at various locations in the Marathwada region based on crops and agro-climatic zone. There are 23 AICRPs in major areas of research like cotton, sorghum, bajra, rice, pulses, soybean, oilseeds, vegetables, dryland, water management and cropping system, etc. The University has collaborative research projects with ICRISAT, Hyderabad, ICAR-CRIDA, Hyderabad, ICAR-NIASM, Baramati, NIPHM, Hyderabad, DBT, New Delhi, CICR, Nagpur and TERI, Mumbai. Since establishment, the University released 160 varieties of different crops, 60 farm implements and 1146 recommendations for crop production, crop protection, natural resource management, animal husbandry, social sciences, food processing, agricultural engineering and soil conservation and home sciences. The University takes pride in releasing crop varieties such as Parbhani Kranti in okra, NHH 44 (Bt) in hybrid cotton, Cotton PA-740, Pigeaon pea BSMR 736, BDN 711 and BDN 2013-41, Soybean MAUS 71, MAUS 81, MAUS 158, MAUS 162, MAUS 612, MAUS 725 and MAUS 731 in soybean and Parbhani Shakti in sorghum for Kharif and Parbhani Moti, Parbhani Jyoti, and Parbhani Super Moti in Rabi sorghum, Pratishthan in tamarind and many others, which are popular.

Desi cotton varieties having longest staple length (30-31 mm), fibre strength (27-28 g/tex) and fine micronaire (4.3 – 4.7 u/inch) have been released recently (PA 812, PA 810, PA 785, PA 740), with excellent fibre properties reported for first time at International level. Similarly, a great accomplishment has also been achieved in American Cotton, as the first Bt cotton hybrid from public sector has been released in Maharashtra by Joint venture of VNMKV, Parbhani – MSSC Ltd, Akola i.e. NHH-44 (BG II) during 2018 followed by release of three straight varieties viz., NH 1901 Bt, NH 1902 Bt and NH 1904 Bt during 2023.

The Agriculture Research Station, Badnapur is famous in the country for development and release of Sterility Mosaic and wilt resistant Pigeon pea varieties viz., BSMR 736, BDN 2, BDN 711 and BDN 13-41 which are the most popular varieties not only in Marathwada but in other parts of the country. Apart from collection of wild species of green gram and wilt screening nursery are unique in the country. Marathwada is recognized as the 'Bowl of Pulses' in the country because of significant increase of area under these high yielding varieties released by VNMKV, Parbhani.

The India's first Bio fortified kharif sorghum variety Parbhani Shakti (PVK1009) was released during 2017-18. The yield potential of this variety is 38.00 q/ha. which is 28.86 % higher than PVK 801 and 27.58% higher than PVK 809 over check varieties. The iron and zinc contents of this variety are 45 ppm and 32 ppm, respectively. AICRP on Pearl Millet,

Vaijapur, developed Pearl Millet Bio-fortified hybrids AHB-1200 Fe (89 ppm Fe and 45 ppm Zn) in 2017 and AHB-1269 (91 ppm Fe and 43 ppm Zn) in 2018 and released at National Level in collaboration with ICRISAT, Hyderabad. Hybrid AHB-1200 Fe is India's first bio fortified Pearl Millet hybrid which is high iron and zinc with high yielding providing high stover yield, which was tested at 35 locations of ICAR center constantly for three years. Due to its bio-fortification with iron and zinc content, these hybrids are helpful for curing of Anaemia disease and helpful for issues related to Malnutrition under child and women specially pregnant women which is helpful for maintaining hemoglobin level in anemic patients.

The hybrid pigeon pea variety BDNPH 18-5, has been recommended for the central zone of India, including Maharashtra. Notably, it is the first hybrid pigeon pea variety ever developed by any Agricultural Universities in Maharashtra. The productivity of this variety ranges from 1759 to 2159 kg/ha, and it matures in 155 to 170 days. The variety shows moderate resistance to the major diseases of pigeon pea, such as wilt and sterility mosaic disease, and is also less susceptible to pests.

Prominent Varieties / Hybrids Released by VNMKV

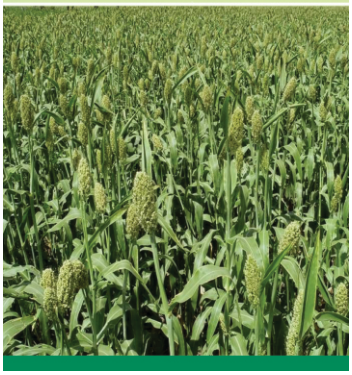
Cotton	:	PA-255 (Turab), PH-348 (Yamuna), NH 452, PH 93, PA-402 (Vinayak), NH 615, PHH 316, PA-740, NH 677
Bt Cotton	:	NHH–44 (Bt.), NH-1901 Bt, NH-1902 Bt, NH-1904, NH-22037 BT, NH 22038 BT
Sorghum	:	PVK-1009, PVK-801(Parbhani Sweta), PVK-809, SPV-1411 Parbhani Moti), CSV-18, SPH 1567, CSH 25, Parbhani Shakti
Bajra	:	ABH-1666, ABPC 4-3, AHB-1200 (Fe), ABH-1269 (Fe), PVRSG-101 Parbhani Vasant (Hurda)
Maize	:	PMH-19
Paddy	:	Parag, PBNR-93-1 (Avishkar), Sugandha, Ambika
Pigeonpea	:	BSMR-736, BSMR-853, , BDN-711, BDN-716 BDN 2013-41
Urdbean	:	BDU-1
Mungbean	:	BM 4, BPMR-145, BM-2002-1, BM-2003-2
Chickpea	:	BDNG-797, BDN 9-3, Parbhani Chana 16
Soybean	:	MAUS-47, MAUS-71, MAUS- 81, MAUS-158, MAUS-61, MAUS-162, MAUS 612, MAUS 725, MAUS 731
Groundnut	:	LGN-1, LGN-2, TLG-45
Safflower	:	PBNS-12, PBNS-40, PBNS-86 (Purna)
Sunflower	:	LSH-1, LSF 8, LS-11, TWCH 245, LSFH 35
Sesame	:	TLT 10
Okra	:	Parbhani Kranti, Parbhani Bhendi (OK-1)
Chilli	:	Parbhani Mirchi (PBNC-1) PBNC 17
Tomato	:	PBNT 20
Tamarind	:	Pratishtan, No. 263, Ajintha (Sweet Tamarind), Shiwai
Mango	:	Niranjan, Parbhani Bhushan
Custard Apple	:	TP-7, Dharur-6
Kagzi lime	:	Vikram, Pramalini

SORGHUM
Parbhani Super Moti (SPV-2407)

Year of release	: 2019
Duration	: 118-120 days
Grain Yield	: 32-34 q/ha
Fodder Yield	: 112-114 q/ha

Salient Features

- Developed by hybridization followed by pedgree selection from cross SPV-1411 x SPV-720
- Lustrous pearly white grains
- Moderately tolerant to shoot fly and stem borer and charcoal rot disease
- Recommended for cultivation under rainfed condition of Marathwada region in *rabi* season



SORGHUM
Parbhani Vasant (PVRSG -101)

Year of release	: 2021
Duration	: 95-98 days (For *hurda*), 115-120 days (For grain)
Grain Yield	: 33-35 q/ha (Tender grain) 7, 17-20 q/ha (Dry grain)
Fodder Yield	: 131-133 q/ha (Green fodder)

Salient Features

- Selection from local land race Parbhani gulabhendi
- Tender grains are soft, sweet and easily threshable
- Moderately tolerant to shoot fly, stem borer insect pests and charcoal rot disease
- Recommended for cultivation in Marathwada region under rainfed condition in *rabi* season

SORGHUM
Parbhani Shakti (PVK-1009)

Year of release	: 2018
Duration	: 115-118 days
Grain Yield	: 35-38 q/ha
Fodder Yield	: 112-115 q/ha

Salient Features

- Zn (25 mg/kg) and Fe (42 mg/kg) rich variety
- Released for kharif growing areas of Maharashtra State
- Moderately tolerant to grain mold, shootfly and stem borer, Hybrid look
- Better *bhakri* and fodder quality

SOYBEAN
MAUS 612

Year of Release	: 2016
Growth Habit	: Semi - determinate
Days to Maturity	: 95-100
Yield Potential (q/ha)	: 32-35
Salient Features	: Moderately resistant to girdle beetle, stem fly and diseases (rust, charcoal rot, alternaria leaf spot). Tolerant to moisture stress
Recommended Region	: Southern Zone, Maharashtra

SOYBEAN
MAUS 725

Year of Release	: 2021
Growth Habit	: Semi - determinate
Days to Maturity	: 90-95
Yield Potential (q/ha)	: 25-32
Salient Features	: Moderately resistance to pest & diseases, High number of pods and 20-25% four seeded pods
Recommended Region	: Marathwada

SOYBEAN
MAUS 731

Year of Release	: 2021
Growth Habit	: Semi- determinate
Days to Maturity	: 90-95
Yield Potential (q/ha)	: 28-32
Salient Features	: Moderately resistance to pest and diseases, Mostly three seeded pods
Recommended Region	: Marathwada

PIGEONPEA
BDN 716

Year of release	:	2017
Yield	:	18-20 q/ha
Test weight	:	11.5-12g
Days to Maturity	:	165 - 170 days

Salient Features

- Developed by pedigree method from cross BSMR 736 x BSMR 198
- Released for the medium and black soils of Maharashtra state
- Resistant to wilt and sterility mosaic diseases
- Green stem, yellow flower and green pods as a distinguishing marker character useful in quality seed production
- Bold red seeded variety

PIGEONPEA
BDN 2013-41 (Godawari)

Year of release	:	2021
Yield	:	19.5 - 24.5 q/ha.
Test weight	:	11 g
Days to Maturity	:	160 - 165 days

Salient Features

- Developed by pedigree method from the cross BDN 2 x ICP 7035
- Released for cultivation in light to medium black soils of Maharashtra
- Resistant to wilt and sterility mosaic diseases
- Escapes terminal drought stress
- Unique marker characteristics of whitish cream color flower and reddish brown streaks on green pods
- White seeded variety

PIGEONPEA
BDN 2013-2 (Renuka)

Year of release	:	2022
Yield	:	18.70 - 21.46 q/ha
Test weight	:	11.70 g
Days to Maturity	:	165-170 days

Salient Features

- Developed by pedigree method from the cross BSMR 736 x ICP 11488
- Released in 2022 for cultivation under rainfed condition of central zone of India.
- Moderately resistant to wilt and sterility mosaic diseases.
- Unique marker characteristics of green stem, green pod and red seed color.
- High protein content of 26.68%

BT COTTON VARIETY
NH 1901 Bt

Year of release	:	2023
Productivity (q/ha)	:	14-16
Ginning Outturn (%)	:	35-36
Fiber Length (mm)	:	25-26
Duration (days)	:	160-170

Salient Features

- Tolerant to sucking pests
- Tolerant to Bacterial blight and *Alternaria* leaf spot

BT COTTON VARIETY
NH 1902 Bt

Year of release	:	2023
Productivity (q/ha)	:	15-17
Ginning Outturn (%)	:	35-37
Fiber Length (mm)	:	25-26
Duration (days)	:	160-170

Salient Features

- Tolerant to sucking pests
- Tolerant to Bacterial blight and *Alternaria* leaf spot
  Suitable for High Density Planting system

BT COTTON VARIETY
NH 1904 Bt

Year of release	:	2023
Productivity (q/ha)	:	15-16
Ginning Outturn (%)	:	36-37
Fiber Length (mm)	:	25-26
Duration (days)	:	160-170

Salient Features

- Tolerant to sucking pests
- Tolerant to Bacterial blight and *Alternaria* leaf spot
  Suitable for High Density Planting system

BT COTTON HYBRID

NHH 44 BG II

Year of release	:	2018
Average Yield (q/ha)	:	20-22
Ginning Outturn (%)	:	37-38
Fiber Length (mm)	:	25-26
Spinning Counts	:	40' - 60'
Duration (days)	:	160-165

Salient Features

- Tolerant to drought and sucking pest
- High productivity
- Rejuvenation capacity

CHILLI

Parbhani Mirchi (PBNC-1)

Year of Release	:	2015

Salient Features

- Height of Plant : 88.02 cm
- Length of Fruit : 12.94 cm
- Girth of Fruit :3.06 cm
- Yield Green : 129.57 q/ha
- Capsicin : 0.24%
- Tolerant to Churda-Murda & Anthracnose

SAFFLOWER

PBNS - 154

(Parbhani Suvarna)

Year of Release	:	2023
Seed yield	:	15-17 q/ha (Irrigated)
	:	10-12 q/ha. (Rainfed)
Maturity	:	134-136 days
Oil Content	:	30.90%

Salient Features

- Tolerant to wilt and alternaria diseases
- Tolerant to aphids
- Suitable for both rainfed and irrgiated conditions

Record Yield of Pigeonpea (Godavari) & Gram (Parbhani Chana) VNMKV Varieties on farmer's field

Bioagent Production of VNMKV

Biomix :

It is one of the most popular Bioagent product of VNMKV consisting 14 types beneficial microorganisms, effectiveness in managing plant health, biological control of diseases, & enhancing crop yields (turmeric, ginger, garlic, & sweet orange). Increase 10% in crop production, quality. 2.70 lakh acres area, & benefitted more than 2 lakh farmers, receipts + 17 Cr Rs since last 5 years. (Receipts + 5.75 Cr Rs. during 2024-25).

Biomix

- Bioagent Consortia useful in Management of Plant Health with Boost in Crop Yield
- It act as biological control of disease & insect in various crops
- It contains a mixture of 14 types of beneficial microorganisms.
- Overall crop production increases by about 10% in various crops with quality improvement
- Mainly turmeric & ginger are widely used in the region

HOLDEO - VNMKV Developed Crossbreed Cattle

HOLDEO (HF x Deoni) CROSSBRED CATTLE

Holdeo (Holstein Friesian X Deoni)

- Milk Yield - 2200 litre / lactation
- Age of First Calving - 3.5 Years
- Lactation Period - 270 days
- Intercalving Period - 350-400 days
- Dry Period -120 days

Newly sanctioned Research Projects

The University has received the sanction of Centre of Excellence (CoE) in Digital and Sustainable Agriculture from Dept. of Science and Technology along with two collaborative research projects. One project (National Agricultural Science Fund - NASF), eight (8) CM assistance funded projects, five (5) RKVY and 10 (RGSTC) projects have been sanctioned. Nano Fertilizers Network Project is functioning with IFFCO.

VNMKV developed Equipment / Implements

The University has developed 60 farm implements which are groundnut digger, groundnut stripper, seed drill, stubble collector, community drier, lemon grader, power weeder, bullock drawn tractor sprayer, pedal operated maize thresher, bullock drawn raised bed turmeric digger, MAU single bullock drawn twin ferti hoe, VNMKV five row BBF (Broad Bed Furrow) planter cum sprayer, Three type hoe with furrow opener for BBF sowing, bullock drawn solar operated high clearance sprayer and MAU single bullock drawn planter, bullock drawn turmeric interculture cum earthing up implement, bullock drawn mulch laying machine, bullock drawn MPTC for planter cum solar sprayer, etc.

Innovative farming techniques like broad bed furrow (BBF) serves the purpose of in-situ moisture conservation. VNMKV developed 5 row Broad Bed Furrow (BBF) planter with sprayer (4 in 1) with an adjustable seed covering device used for sowing, fertilizer application, seed covering and weedicide application in one go. Multiple operation at a time in kharif season helps in timely operation saving in time, input and increase in yield. Sowing in raised bed protect crop from excess rainfall and long dry spell, furrow help in excess water drainage and soil moisture conservation. The crop was recorded to tolerate the draught spell of 15-22 days during kharif season. Increase in yield was recorded to be as high as 22-25% when compared to conventional method of sowing with row seed drill. About 10-15% saving in seed and fertilizer and 20-25% saving in cost of cultivation was observed as compared to conventional practice.

5 row BBF planter demonstration on farmers' field

Slurry applicator

Farms

VNMKV has 3906 ha land being utilized for research, higher and lower education and seed production programmes. Parbhani campus has 2425 ha of land and under the central farm total 1893 ha land is available with 4 major blocks. In addition, 1093 ha land is utilized for research purpose and 769 ha cultivable land is available with the colleges and 151 ha land is available with agricultural schools.

Enhancing University's Seed Production - Seed to Seed Mechanization :

The seeds of varieties / hybrids developed by the university are in greater demand among farmers. The University has set a target is to increase the seed production upto 50,000 quintals in next three years. Therefore, the University has taken a major lead in increasing the area under breeder seed production. During 2022 to 2024, more than 2500 acres of barren / denuded land were brought under cultivation. The seed production has increased from 6000 quintal (2022-23) to 12000 quintal (2024-2025). The VNMKV, Parbhani has purchased fleet of 18 tractors of different models for farm operations.

Natural Resource Management- Rainwater Harvesting

University has taken a step to harvest the rainwater from the research farms and farm ponds of capacity 9 crore litters have been constructed. The harvested water is being utilized for providing a protective irrigation using micro irrigation method to crops.

Organic and Natural Farming Research and Training Centre (ONAFRTC)

ONFRTC has taken major initiatives to promote natural farming through research, demonstrations, and training. The centre maintains a 30-ha organically certified farm, Red Kandhari cow unit, Ten-Drum bio-input production system, vermicompost units, and model natural farms. It conducts research on Jeevamrut, Beejamrut, botanicals, soil health, crop performance, and natural pest management, while developing organic packages for soybean, gram, cotton, pigeon pea, and vegetables.

The centre has become a regional training hub, providing capacity building to 24,950 farmers through offline, residential, and extensive online programmes, including weekly Farmers–Scientist Interface sessions. Under NMNF and state schemes, KVKs of VNMKV have established Bio-Input Resource Centres and trained over 27,000 farmers across 7,600 ha. Through continuous outreach, demonstrations, and Krushi Sakhi training, OFRTC has significantly strengthened natural farming adoption in Marathwada.

International Awards & Recognitions

International Green
University Award 2023
in New York on 15 Sept, 2023

ISO 14001 : 2015
(Environmental
Management)

ISO 50001 : 2018
(Energy Saving & Cost
Effective Electrical
Appliances & Equipment)

ISO 21001:2018
(Educational
Organizations –
Management System
Standard)

Dr. Indra Mani, VC Fellowship of iAABE (USA) in CIGR International Conference at Kyoto, Japan System Standard

Dr. Indra Mani, VC, awarded with Eminent Engineer Award from institution of Engineers (India) 2024

Hon'ble VC Dr. Indra Mani honoured with the
prestigious "Prof. Gajendra Singh ISAE Education Gold Medal 2025"

Awards & Recognitions (National and International)

'Vice Chancellor of the Year for Exceptional Leadership Award' to Prof.(Dr.) Indra Mani

'Pani Foundation Award' to Prof.(Dr.) Indra Mani

Best performing AICRP centre - AICRP Centre on Pearl Millet, Ch. Sambhaji Nagar (Aurangabad)

Best Research Centre - AICRP Oilseed Research Station (Sunflower), Latur

Most Responsive Centre Award - AICRP for Dryland Agri., VNMKV, Parbhani received during ICAR-CRIDA

Best AICRP Oilseed Centre Award & Certificate of Excellence - AICRP on Safflower, VNMKV, Parbhani System Standard

AICRP on Integrated Farming System received recognition on development of IFS model

Award received to Cotton Research Center, Nanded

Grand Success in Organization of National & International Events

12th National Seed Congress 2023

The 12th National Seed Congress on "Innovations and Challenges in Quality Seed Availability under Changing Climate" was organized in collaboration with Indian Society of Seed Technology (ISST), New Delhi & National Seed Research & Training Center (NSRTC), Varanasi (UP) under the aegis of Dept. of Agri. & Farmers Welfare, MoA&FW GoI during 11-13 Dec., 2023 at Chhatrapathi Sambhajinagar (Aurangabad) Maharashtra.

An overwhelming response from Scientists and students from all the corners of India numbering more than 400 was received. Leading experts in the area of seed technology and climate change were participated and shared their experiences.

Sixth Annual Zonal Workshop of KVKs of ATARI Zone-VIII

The 6th Annual Zonal Workshop of Krishi Vigyan Kendras (KVKs) of ATARI Zone-VIII, held in Chatrapati Sambhaji Nagar from 28-30 July 2023, was a monumental success. Bringing together 82 KVKs from Maharashtra, Gujarat & Goa. This congregation of KVKs has been instrumental in devising region-specific strategies to enhance agricultural productivity and sustainability through extension work.

Two-Day Brainstorming Workshop on Pulses

Two Day Brainstorming Workshop on 'Redefining plan type in pigeonpea & vigna pulses for Central & South India & product profile development' (8-9, Jan., 2024) was organized. It was recommended to redefine plant type for those characters viz. Root behaviour which can withstand waterlogged conditions for sustaining weather is high rainfall Focus should be on plant type which are suitable for mechanical harvesting & intercropping.

Brainstorming workshop on Management of Non-traditional and Important horticultural crops

A Brainstorming workshop on Management of Non-traditional and Important horticultural crops was organized on 31st August , 2024 at Fruit Research Station, Ch. Sambhaji Nagar . Prof. (Dr.) Indra Mani, Hon. Vice-Chancellor chaired the programme. Dr. Prabhat Kumar, Central Horticultural Commissioner was the Chief Guest for the function. Dr.K.S. Baig, Director of Research, Dr. Tukaram Mote, Joint Director of Agriculture, Govt. of Maharashtra, Dr. G.M. Waghmare, Dr. V.S. Khandare and Dr. Prakash Patil, Central Project Director graced the function. During the workshop, the scope for plantation of traditional fruit plantation in Marathwada region was discussed thoroughly.

One Day Workshop of FPO and Soybean Day

A one day workshop of Farmers Producing companies and Soybena day was organized on 29th September 2024 at VNMKV, Parbhani. Prof. (Dr.) Indra Mani, Hon. Vice Chancellor was the chairman of this programme. Dr. D.K.Yadava, ADG(Seeds), ICAR, New Delhi was the Chief Guest. Dr. Sanjay Kumar, Director (Seed), ICAR, New Delhi and Dr. Dilip kumar Srivastawa, Dt. Commissioner (Agri) Govt. of India were the Guest of Honour. Dr. K.S .Baig, Director of Research was also present during this event. Discussion was held on role of FPO in quality seed production.

International Symposium and the 58th Annual Convention of the ISAE

A three-day international conference on "Agricultural Engineering Education for Aspiring Youth in Transforming Agriculture" and the 58th Annual Convention of the Indian Society of Agricultural Engineers on "Engineering Innovations for Next-gen Digital Agriculture" was organized from November 12 to 14, jointly by Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, and the Indian Society of Agricultural Engineers, New Delhi.

XIX Annual Group Meeting of AICRP on Dryland Agriculture

The XIX Annual Group Meeting of AICRP on Dryland Agriculture and XII Annual Review Meeting of AICRPDA-NICRA was organized during 6-8 January, 2025 at VNMKV, Parbhani. The Programme was chaired by Prof. (Dr.) Indra Mani, Hon. Vice Chancellor, VNMKV, Parbhani. The Chief guest of the Annual Group Meet was Dr. Suresh Kumar Chaudhari, Deputy Director General (Natural Resource Management) ICAR, New Delhi. The Dr. V.K. Singh, Director, ICAR-CRIDA, Hyderabad and Dr. JVNS Prasad, Project Coordinator, AICRPDA, ICAR-CRIDA, Hyderabad were the Guest of Honour. During the annual group meet, the discussion was held on location specific adoptable and implementable dryland technologies. Similarly more emphasis was given on farm pond technology for rainwater harvesting and its efficient use during dryspell condition in kharif season and also during rabi season for enhancing crop productivity. Future strategies were discussed for climate resilient agriculture.

Indian Delegation Study Tour to Germany to Boosts Indo-German Collaboration in Agri-Photovoltaics Technology

A high-level Indian delegation has successfully concluded a study tour to Germany from June 29 to July 5, 2025, aimed at strengthening Indo-German cooperation in the field of Agri-Photovoltaics (Agri-PV) technology. Hon'ble Vice Chancellor of VNMKV, Parbhani, Dr. Indra Mani actively participated in the delegation and made presentations on the university's ongoing Agri-PV initiatives. As per the MoU signed between VNMKV, the German international agency GIZ, and Sunseed Pvt. Ltd., an Agri-PV research project is currently being implemented near Manwath in Parbhani district. This innovative technology, being adopted in developed countries like Germany, Japan, and Italy, enables simultaneous solar energy generation and crop cultivation on the same agricultural land.

Organization of the 53rd State-Level Joint Agresco-2025 Meeting :

The 53rd State-Level Joint Agricultural Research and Development Committee (Joint Agresco-2025) Meeting was jointly organized by VNMKV, Parbhani and the MCAER, Pune from 29th to 31st May 2025 at VNMKV, Parbhani. The event was inaugurated at the hands of Hon'ble Shri Devendra Fadnavis, Chief Minister of Maharashtra. The programme was presided over by Hon. Adv. Manikraoji Kokate, Minister of Agriculture and Pro-Chancellor of the University. The event was graced by Hon. Smt. Meghnatai Sakore-Bordikar, Minister of State and Guardian Minister of Parbhani District, & Hon. Adv. Ashish Jaiswal, Minister of State for Agriculture, who attended as the Chief Guest. Distinguished dignitaries present on the occasion included Hon. MP Shri Sanjay Jadhav; Executive Council Members MLC Hon. Satish Chavan, MLA Hon. Dr. Rahul Patil, MLA Hon. Dr. Ratnakar Gutte, MLA Hon. Shri Rajesh Vitekar, EC Members Shri. Pravin Deshmukh, Dr. Aditi Sarada, Shri Bhagwat Devsarkar; Principal Secretary (Agri.) Shri Vikas Chandra Rastogi (IAS); Director General, MCAER, Pune Shri Raosaheb Bhagde (IAS); Agriculture Commissioner Shri Suraj Mandhare (IAS); Project Director (PoCRA) Shri Parimal Singh; & Dr.Indra Mani (VC, VNMKV, Parbhani), Dr. Sharad Gadakh (VC, PDKV, Akola & MPKV, Rahuri), & Dr. Sanjay Bhave (VC, BSKKV, Dapoli). The valedictory session was graced by Hon. Shri Pasha Patel, Chairman, State Agricultural Prices Commission. The meeting witnessed active participation from more than 300 agricultural scientists. After thorough discussion and presentation of the scientists, a total of 25 new crop varieties, 18 farm machines and implements, and 225 crop production technologies were officially released by the four SAU of Maharashtra for the benefit of farmers.

Organization of 17th IAUA National Symposium :

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani, Maharashtra, in collaboration with IAUA, New Delhi, hosted the 17th IAUA National Symposium during September 25–26, 2025. The theme of the symposium was “Farm Mechanization and Agricultural Robotics for Small and Marginal Farmers: Challenges and Opportunities.” This theme had been chosen with a focus on bridging the mechanization gap through innovations in low-cost robotics and precision farming tools aimed at improving productivity, reducing drudgery, and ultimately enhancing income and resilience among

small and marginal farmers. The major objectives of the symposium were to provide a common platform for policymakers, academicians, industry professionals, farmers, and other stakeholders to deliberate on key issues and identify practically feasible solutions for improving mechanization and digital technology adoption in agriculture.

The symposium was inaugurated by the Hon. Mrs. Meghna Sakore-Bordikar, Hon'ble Minister of State for Public Health and Family Welfare, Water Supply and Sanitation, Energy, Women and Child Welfare, Public Works and the Guardian Minister of Parbhani District. Prof. (Dr.) Indra Mani Vice Chancellor, was in the chair. On this occasion, Member of the Legislative Assembly and Member of the Executive Council Hon. Mrs. Sreejaya Chavan extended her greetings through virtual medium. The programme was inaugurated in presence of Dr. M.S. Chauhan, Hon. Vice chancellor, GB Pant University of Agriculture and Technology, Pantnagar, Dr. Karbhari Kale, Hon. Vice Chancellor, Dr. Babasaheb Ambedkar Technical University, Lonere, Dr. Dheer Singh, NDRI, Karnal, Dr. R.C Agrawal, Former, DDG (Education) ICAR, New Delhi, Shri. Dinesh Kumar, Secretary, IAUA, New Delhi, Dr. J.L. Katkade, Executive Council Member, MCAER, Pune, Shri. Chandrakant Varpudkar, Progressive Farmer and Dr. B.V. Asewar, DI & Dean, VNMKV, Parbhani

Agri-PV: Cultivating Green Energy, Growing Futures

The University has signed MoU with German based company GIZ for collaborative research on AgriPV. The scope of AgriPV extends beyond sustainable agriculture and green energy production, offering a transformative approach to land use that simultaneously enhances food security, energy independence, and climate resilience.

Extension

The Directorate of Extension Education through Regional Agricultural Extension Education Centres (4), Extension Education Unit (1), Krishi Vigyan Kendras (3) and Agricultural Technology Information Centre (1), undertake the pivotal and designated activity of Dissemination of latest agricultural technologies evolved by the University. Directorate of Extension Education is making tremendous efforts to reach the farmers' through various extension programmes viz. Monthly District Workshops, Trainings, Farmers' Rallies, Field Visits, Diagnostic Team Visits, Crop Demonstrations, Adaptive/On Farm Trials, Exhibitions, Field Days, Group Discussions, Use of Electronic Media, SMS, Voice Mail, Touch Screen Facilities, Mobile Crop Clinic, Publications, Telephone Help-lines, Kisan Call Centre, Press, etc.

Four ICAR funded Krishi Vigyan Kendras located at Ch. Sambhaji Nagar, Tuljapur, Khamgaon and Badnapur are under the direct control of the University and 8 private KVKs located in all domain eight districts of Marathwada region demonstrating the various improved and advanced agricultural and allied technologies on farmers field for its wide scale adoption. The KVKs also impart training programmes to farmers on various agricultural practices for enhancing the crop productivity and impart knowledge on rainwater conservation and its reutilization.

Majha Ek Divas Majhya Balirajasobat - Farmer Centric Extension

Farmers connect is the top priority of the University, *'Majha Ek Divas Majhya Balirajasathi'* program was started from 1st September, 2022. The programme is being continuously organizing in every month on 2nd Wednesday. So far, more than 300 villages and about 11386 farm families have been benefitted.

Viksit Krishi Sankalp Abhiyan

Implementation of "Viksit Krishi Sankalp Abhiyan" in 584 Villages : The Ministry of Agriculture and Farmers' Welfare, Govt. of India, under the visionary leadership of the Hon'ble Union Minister Shri. Shivraj Singh Chouhan, implemented the *Viksit Krishi Sankalp Abhiyan* across the country from **29th May to 12th June 2025**. In Maharashtra, the campaign was inaugurated at **VNMKV, Parbhani**, with a grand ceremony marked by the flagging off of the *"Chitrarath"* campaign vehicle by the Hon. Chief Minister, Shri Devendra Fadnavis. On this occasion, Hon. Shri Manikrao Kokate, Minister of Agriculture; Hon. Mrs. Meghna Sakore-Bordikar, Minister of State and Guardian Minister of Parbhani District; and Hon. Adv. Shri Ashish Jaiswal, Minister of State for Agriculture, and senior officials from the state government and Dept. of Agriculture were also present. VNMKV, Parbhani through its Regional Agriculture Extension Education Centres and Krishi Vigyan Kendras (KVKs) across

the Marathwada region, undertook extensive outreach activities. Extension teams visited 584 villages, providing guidance and technology demonstrations to 93,072 farmers. This large-scale initiative reflects the Government's strong commitment to empowering farmers, enhancing agricultural productivity, and promoting sustainable farming practices in alignment with the national vision of *"Viksit Bharat @2047."*

Farmer fair (Shetkari Malawas)

Every year, the university is organizing three major farmers' fair viz., Women Farmers Fair on 3rd January (on the occasion of birth anniversary of *'Krantijoyti Savitribai Phule'*), *Kharif* Farmers Fair on 18th May (on the occasion of university foundation day) and *Rabi* Fair on 17th September (on the occasion of *'Marathwada Mukti Sangram Din'*). The seed of the prominent varieties of *kharif* and *rabi* crops developed by the University were sold to the farmers.

Kharif Farmer Fair

Rabi Farmer Fair

Women Farmer Fair

Krishi Sakhi Trainings on Natural Farming :

A five-day residential training programme for Krushi Sakhis under the National Mission on Natural Farming (NMNF) was successfully conducted by almost all centres (KVKs, Colleges and Various Research Centers) across the Marathwada region. The training aimed to empower rural women by enhancing their knowledge and skills in natural farming practices, including preparation and use of bio-inputs, soil health management, crop protection through natural methods, and farm-based value addition. Participants were also oriented on the principles of Dr. Panjabrao Deshmukh Natural Farming, the importance of farm biodiversity, and the role of women in promoting sustainable agriculture. These trainings not only strengthened the technical capacity of Krushi Sakhis but also encouraged them to act as master trainers and motivators for adopting natural farming practices at the grassroots level. In all total 960 Krushi Sakhis/CRPs were trained in all eight districts of Marathwada region on Natural farming.

Online Farmers–Scientists Interaction Programme

VNMKV regularly organizes the Online Farmers–Scientists Interaction Programme and *Shetkari Devo Bhavo* every Tuesday and Friday. During the current year, 120 episodes were conducted.

CROPSAP and HORT-SAP

The university is implementing CROPSAP and Hort-SAP Projects for monitoring the pest incidence on major crops of the region in order to avoid the outbreak of pest. Similarly management advice is also given twice in a week for each taluka. This is an unique ICT based programme involving different government agencies and have made positive impact amongst the farmers in adoption of latest technologies. The socio-economic status of the farming community of the region has been improved.

Organization of Western Regional Agricultural Fair (RAF) -2024

VNMKV, Parbhani organized Western Regional Agriculture Fair (RAF) 2024 during February 21-23, 2024 at Parbhani on a theme “Farmers’ Prosperity through Climate-Friendly Sustainable Agriculture” under the aegis of department of Agriculture and Farmers welfare, Ministry of Agriculture. Govt. of India, New Delhi in collaboration with Indian Council of Agricultural Research, New Delhi, Agricultural Technology Management Agency, Parbhani and Dept. of Agriculture, Govt. of Maharashtra.

In this Fair, 400 stalls were exhibited showcasing climate resilient the technologies, organic and natural farming, Micro-irrigation, farm mechanization, digital farming technologies, agro-export services, bio-fertilizers and bio-pesticides, Horticulture, food processing, animal husbandry and dairy technology were demonstrated for farming community. FPO's, Agro-Industries, Irrigation companies, Tractors and farm implements companies, banks and financial institutes participated in this fair. The thousands of farmers, extension workers, policy makers, and students from six states viz., Maharashtra, Gujrat, Rajasthan, Madhya Pradesh, Chhisgarh, Goa, including Daman-Diu and Dadra nagar Haweli were participated in this mega-event.

Collaborations and Memorandum of Understandings (MoUs)

The university has entered into MoU with reputed national and international organizations, ICAR institutes, industries, FPOs, NGOs, Foundations, and universities.

MoU with Cansas State University, USA

MoU with GIZ (Germany)

MoU with IARI, New Delhi

MoU with Western Sydney University, Austrlia

MoU with MAFSU Nagpur

MoU with Sant Kavi Kalidas Sanskrit University Ramtek

S.N.	Categories	Description
1	Collaboration/Partnerships with industries/startups /FPOs	**Industries, FPO's & Foundations : 264** Industries : 14 (CNH, TAFE, MAHYCO etc) Startups : 02 FPOs : 246 Foundations : 02 (PANI, GVT)
2	MoUs with ICAR (Model MoU) & other national & international organizations	**National Organization : 40** IARI, IIOR, DBT, DFR, NRCP, NRCG, NIPHM, ISRO, IISR, CIRCOT, NBSS&LUP, CICR, NAARM, IISS, CFTRI, Mysore, MANAGE, Hyderabad, PNB-FWT, ICAR-IISS, CRIDA, ICAR-NIASM, ICAR-NRCP, ICAR - DOFR, ICAR-DOGR, ICAR-NBPGR, ICAR-NSRI
3	MoUs with collaboration with International Organization	**International Organization : 09** Universitat Politecnicade, Valencia, Spain; Washington State University, (USA); Belarus State Uni. of Informatics; University of Florida (USA); Kansas State University, (USA); GIZ (Germany), ICRISAT, Western Sydney University (Australia), Purdue University (USA)

CSR initiatives

This CSR Initiative push the nation towards achievement of sustainable development goals and public-private partnership in transforming India. The University has registered under Corporate Social Responsibility (CSR). The University has received Rs. 3 Crore from J-FARM TAFE for establishment of Maharashtra Mechanization Centre for skill development of the students and rural youth. With the help of Rs. 0.50 Crore CSR funding by CNH (India), 1500 farmers are being trained on use, repair and maintenance of agro-machinery in the last year. The Marathwada Farmers Training Centre will be established at Agriculture Technical School, Chhatrapati Sambhaji Nagar through CSR funding of Panjab National Bank – Farmers Welfare Trust.

Maharashtra Mechanization Centre (J FARM)

Unnat Kaushal Training in Farm Mechanization (CNH)

College of Agriculture, Ambejogai

College of Community Science, Parbhani

PG Institute of ABM, Chakur

V.D. College of Agril. Bio-Tech., Latur

College of Agril, Engg. & Tech., Parbhani

College of Food Tech., Parbhani

Website : www.vnmkv.ac.in

youtube.com/user/vnmkv
promkvparbhani.blogspot.com
twitter.com/vnmkv
facebook.com/vnmkv/

University Authorities

Prof. (Dr.) Indra Mani
Vice-Chancellor

Dr.B.V. Asewar
Director of Instruction & Dean

Dr. K.S. Baig
Director of Research

Dr.R.D. Ahire
Director of Extension Education

Shri.Santosh Venikar
Registrar

Shri. A.R. Kadam
Comptroller

Shri. D. Kashalkar
University Engineer

Compiled by : Dr.P.S. Kapse and Dr.M.S. Pendke