कृषि महाविद्यालय, परभणी Millee of Agriculture Parana

COLLEGE OF AGRICULTURE, PARBHANI

#### College of Agriculture, Parbhani

Yearbook

M.Sc. (Agri.) 2022 Batch

#### College of Agriculture, Parbhani

Yearbook M.Sc. (Agri.) 2022 Batch

Edited and compiled by



Prashil Kamble M.Sc. (Agri.) Student (2022A/79M) Dept. of Agricultural Extension Education College of Agriculture, Parbhani Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani

Approved by Associate Dean and Principal, College of Agriculture, Parbhani Year of Online Publication: 2024

#### Acknowledgements

The idea for this yearbook originated when I encountered an Alumni book in the Department of Agricultural Extension Education. This inspiration led me to propose the creation of a yearbook for the M.Sc. (Agri.) 2022 batch to respected **Dr. Syed Ismail, Associate Dean and Principal, College of Agriculture, Parbhani.** With his approval, I began developing the concept. Through thorough discussions with ADP sir, we finalized the format of the yearbook, which was subsequently approved. I then invited yearbook entries from all students of the M.Sc. (Agri.) 2022 batch to prepare the yearbook.

I would like to express my heartfelt gratitude to **Dr. Syed Ismail, Associate Dean and Principal, College of Agriculture, Parbhani**, for his invaluable guidance and support throughout this process. Without his encouragement, this idea would not have transformed into an actual book. I extend my sincere thanks to him for his unwavering support of students. I express my sincere thanks to Dr. Santosh Phulari, Incharge, Central Computer Centre, VNMKV, Parbhani for his cooperation and help.

I am also grateful to Mr. Bharat Hingne, Agricultural Assistant, College of Agriculture, Parbhani for his cooperation and assistance during the preparation of the yearbook. Additionally, I would like to thank my friend Aachal for her support and encouragement during this endeavour.

I sincerely appreciate all the students of the M.Sc. (Agri.) 2022 batch for their time and contributions; this yearbook would not have been possible without their input. I would also like to acknowledge everyone who directly and indirectly assisted in the preparation of this yearbook.

Finally, on behalf of the M.Sc. (Agri.) 2022 batch, I would like to convey our deep gratitude to the College of Agriculture, Parbhani, for everything it has provided us. *"We love our college"*.



Prashil Kamble (2022A/79M) Dept. of Agril. Extension Education College of Agriculture, Parbhani *Yearbook* create students' sense of belonging and community. It help in fostering a feeling of unity and pride among students.

### **STUDENTS' PROFILE**

College of Agriculture, Parbhani





### **Department of Agronomy** 2022A/01M

2022A/01M

**Research title**: Response of jeevamrut with and without FYM on growth and yield of sweet corn (*Zea mays saccharata L.*)



Nanu G. Chopkar

Department of Agronomy 2022A/03M

**Research title**: Studies on effect of foliar application of Fertilizers on Growth and Yield of Upland Paddy (*Oryza sativa L.*)



#### Sachin G. Pawar

**Department of Agronomy** 2022A/06M

**Research title:** Yield enhancement of Bt cotton through canopy management under rainfed condition



#### Jyoti S. Thakare

### **Department of Agronomy** 2022A/10M

**Research title:** Performance of French bean (*Phaseolus vulgaris L.*) varieties for grain purpose under different dates of sowing during rabi season

#### College of Agriculture, Parbhani





**Department of Agricultural Meteorology** 2022A/13M

Research title: Study of thermal regimes in black gram



Vaibhav H. Salwan

### **Department of Agricultural Meteorology** 2022A/18M

**Research title:** Ecoclimatic study of rabi sorghum under different bio fertilizers and organic manures





**Department of Genetics and Plant Breeding** 2022A/22M

**Research title:** Studies on heterosis and combining ability in desi cotton (*Gossypium arboreum L.*)



Shital E. More

### **Department of Genetics and Plant Breeding** 2022A/27M

**Research title:** Genetic diversity and variability studies in sesame *(Sesamum indicum L.)* 

#### College of Agriculture, Parbhani





**Department of Genetics and Plant Breeding** 2022A/28M

Research title: Stability analysis for yield and fodder quality traits in Brown midrib Sorghum [Sorghum bicolor (L.)Moench]



Vaishnavi V. Shinde

#### **Department of Genetics and Plant Breeding** 2022A/32M

Research title: Variability and character association studies in dicoccum wheat (Triticum dicoccum L.)

Research title: Morpho-physiological studies of 'B' and 'R' lines of



**Dnyaneshwar Badhe** 

Aniket H. Biradar

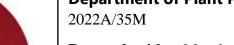


#### **Department of Plant Physiology**

**Department of Plant Physiology** 

kharif sorghum (Sorghum bicolor (L.) Moench)

Research title: Morpho-physiological analysis of Rabi Sorghum [Sorghum bicolor (L.) Moench] genotypes under drought tolerance



2022A/33M

#### College of Agriculture, Parbhani





### **Department of Plant Physiology** 2022A/38M

**Research title:** Evaluation of upland rice genotypes for growth and yield performance



#### Suraj Kayasth

### **Department of Seed Science and Technology** 2022A/40M

**Research title:** Morphological and molecular characterization in Safflower genotypes



#### Prasad S. Choudhari

**Department of Agricultural Economics** 2022A/45M

**Research title:** Impact of changes in rainfall pattern on agriculture in Jalna district of Maharashtra - An Economic Analysis



S<mark>andeep K. Kayand</mark>e

### **Department of Agricultural Economics** 2022A/47M

**Research title:** Economic impact of improved Safflower variety PBNS-12 released By VNMKV, Parbhani

#### College of Agriculture, Parbhani



**Department of Entomology** 2022A/55M

**Research title:** Evaluation of different readymix insecticides against giant African snail

Mahadev P. Gadekar



Nagesh P. Malewar

**Department of Entomology** 2022A/58M

Research title: Pest management in Gaillardia

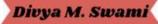


#### Pranjali H. Patil

**Department of Animal Husbandry and Dairy Science** 2022A/69M

**Research title:** Studies on effect of feeding sunflower cake on growth performance of Osmanabadi weaned kids





### **Department of Animal Husbandry and Dairy Science** 2022A/70M

**Research title:** Effect of feeding Guar meal (*Cyamopsis tetragonoloba*) on growth performance of broiler chicken

#### College of Agriculture, Parbhani





Gaurav D. Giri



**Research title:** Adoption of sorghum variety developed by VNMKV, Parbhani

**Department of Agricultural Extension Education** 2022A/78M

**Research title:** Impact of transfer of technology under Rahstriya Krishi Vikas Yojana (RKVY) on KVK beneficiaries



Prashil Kamble

**Department of Agricultural Extension Education** 2022A/79M

**Research title:** Knowledge and adoption of liquid biofertilizers among the soybean growers



Pratik N. Madake

**Department of Agricultural Extension Education** 2022A/80M

Research title: Attitude of turmeric Growers towards the use of biomix

College of Agriculture, Parbhani



**Department of Agricultural Extension Education** 2022A/83M

**Research title:** Impact of farm mechanization scheme on beneficiaries

Ka<mark>ustubh N. Mohark</mark>ar



Radhesham S. Pate

**Department of Agricultural Extension Education** 2022A/85M

**Research title:** Adoption of drudgery reducing technologies developed by VNMKV, Parbhani among the farmers



#### Nikhil N. Munde

**Department of Plant Pathology** 2022A/91M

**Research title:** Studies on Pea wilt caused by *Fusarium oxysporum f.sp.pisi* Synd and Hans



Sanket P. Shinde

### **Department of Plant Pathology** 2022A/93M

**Research title:** Evaluation of biopolymer based trichoderma and actinomycetes against root rot causing complex of Safflower

#### College of Agriculture, Parbhani



Amruta L. Shrike

**Department of Plant Pathology** 2022A/94M

**Research title:** Studies on Alternaria Leaf Blight of summer groundnut caused by *Alternaria alternata* 

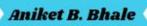


Rakesh D. Raut

### **Department of Soil Science and Agricultural Chemistry** 2022A/104M

**Research title:** Effect of foliar application of nitrogenous fertilizer on soil properties, quality and productivity of wheat (*Triticum aestivum L.*)





**Department of Genetics and Plant Breeding** 2022A/115 M

**Research title:** Genetic variability, correlation and path analysis in Bt genotypes of cotton (*Gossypium hirsutum L.*)



Shridhar Belase

### **Department of Agronomy** 2022A/110M

**Research title:** Response of soybean varieties to graded level of control release fertilizer

#### College of Agriculture, Parbhani





**Department of Agricultural Economics** 2022A/119M

**Research title:** Market integration and price behaviour of selected onion markets in Maharashtra



Sanjana Meena



#### Rohit B. Adsul

### **Department of Plant Pathology** 2022A/121M.

**Research title:** Host resistance studies against biotic stress induced by *Alternaria carthami* in Safflower

#### **Department of Horticulture (Fruit Science)** 2022HT/01M

**Research title:** Studies on planting geometries in Banana (*Musa paradisiaca .L.*) Cv. Grand naine



#### Chetan C. Jagtap

**Department of Horticulture (Fruit Science)** 2022HT/04M

**Research title:** Effect of Seed treatment on germination and survival of papaya cv. Red baby

#### College of Agriculture, Parbhani







Yukta P. Petkule

#### **Department of Horticulture (Fruit Science)** 2022HT/05M

**Research title:** Studies on bioagents and consortium of bioagents (biomix) in banana (*Musa paradisiaca L.*) cv. Grand naine

#### **Department of Horticulture (Fruit Science)** 2022HT/06M

**Research title:** Studies on pruning and application of paclobutrazol on growth, yield and quality of mango (*Mangifera indica L.*) cv. Kesar



#### Pruthviraj A. Sabale

**Department of Horticulture (Fruit Science)** 2022HT/07M

**Research title:** Studies on preparation of toffee and syrup of karonda (*Carissa cara das L.*)



**Department of Horticulture (Vegetable Science)** 2022HT/09M

**Research title:** Studies on heterosis and combining ability in cucumber (*Cucumis sativus L.*)

Gajanan R. Gadgile

College of Agriculture, Parbhani



Dipali R. Jadhao

**Department of Horticulture (Vegetable Science)** 2022HT/10M

**Research title:** Genetic Studies of F4 Generation in chilli (*Capsicum annum L.*)



Vijaya R. Pawar

**Department of Horticulture (Vegetable Science)** 2022HT/14M

**Research title:** Effect of fertilizer levels on growth and yield of turmeric + drumstick intercropping system



Pratik P. Hinge

**Department of Horticulture (Floriculture and Landscaping)** 2022HT/17M

**Research title:** Effect of plant densities and GA3 on growth, yield and quality of Golden rod (*Solidago canadensis L.*)



**Department of Horticulture (Fruit Science)** 2022HT/20M

**Research Title:** Studies on seed germination in khirni (*Manilkara hexandra L.*)

N. Niranjan

College of Agriculture, Parbhani





**Department of Agronomy** 2022A/05

**Research title**: Assessment of integrated management technology in Bt-cotton (*Gossypium hirsutuam L.*) under drip irrigation



Niranjani V. Sawane

**Department of Agronomy** 2022A/08M

**Research title**: Effect of foliar application of major plant nutrients on growth and yield of rabi Sorghum





**Department of Agricultural Meteorology** 2022A/16M

**Research title:** Simulation of growth, development and yield of soybean using Infocrop model at Parbhani



Swati S. Pashawar

### **Department of Agricultural Meteorology** 2022A/17M

**Research title:** Calibration of InfoCrop Pigeonpea *(Cajanus cajan (L.) millisp)* model at Parbhani condition

College of Agriculture, Parbhani



D<mark>akshata V. Kambl</mark>e

### **Department of Genetics and Plant Breeding** 2022A/24M

**Research title**: Studies on heterosis and combining ability for yield, yield contributing and fibre quality traits in Bt (BG I) cotton (Gossypium hirsutum L.)



Durga R. Ghandge

### **Department of Plant Physiology** 2022A/36M

**Research title**: Evaluation of physiological traits in common bean *(Phaseolus vulgaris L.)* under rainfed conditions



Aboli A. Khatal



**Research title:** Impact of dry spell at different growth stages on morpho-physiology and yield of soybean



Sona M. Chavan

### **Department of Agricultural Economics** 2022A/44M

**Research title:** Price behaviour of Chickpea in Maharashtra - An Economic Analysis

#### College of Agriculture, Parbhani



**Department of Agricultural Economics** 2022A/46M

Research title: Performance of Agrochemicals in Maharashtra





Mayuri V. Narsale

**Department of Entomology** 2022A/59M

Research title: Management of major insect pests of brinjal



Aarti M. Jadhao



**Research title:** Studies on effect of Curry leaves supplementation on growth performance of broiler chicken



**Department of Animal Husbandry and Dairy Science** 2022A/68M

**Research title:** Effect of feeding different cereal forages on growth performance of Deoni calves at stallfed condition



#### College of Agriculture, Parbhani



Pranav Aundhkar



**Research title**: Studies on Preparation of Barnyard Millet *(Echinochloa esculenta)* Kheer



#### Shraddha C. Shelkande

**Department of Animal Husbandry and Dairy Science** 2022A/75M

**Research title**: Studies on preparation of Shrikhand using encapsulated chia seed oil



Anuradha C. Bhosale

**Department of Agricultural Extension Education** 2022A/77M

Research title: Impact of Pradhan Mantri Krishi Sinchayee Yojana



Anjali N. Madaswar

**Department of Agricultural Extension Education** 2022A/81M

Research title: Impact of MGNREGA on its beneficiaries

#### College of Agriculture, Parbhani



Mayuri K. Mhaske

**Department of Agricultural Extension Education** 2022A/82M

Research title: Adoption of improved Sericultural production practices



Nikita B. More

**Department of Agricultural Extension Education** 2022A/84M

Research title: Attitude of beneficiaries about PM-KUSUM scheme



#### Arun S. Kelgandre

**Department of Plant Pathology** 2022A/89M

**Research title:** Studies on management of Charcoal rot of soybean caused by *Macrophomina phaseolina (Tassi.)* Goid



Darshan B. Yadav

**Department of Plant Pathology** 2022A/96M

**Research title:** Studies on management of Bt-cotton caused by *Colletotrichum gossypii* 

College of Agriculture, Parbhani



**Department of Soil Science and Agricultural Chemistry** 2022A/101M

**Research title**: Studies on effect of controlled release fertilizer on nutrient dynamics, yield and quality of soybean





Anushka B. Naikwadi

**Department of Soil Science and Agricultural Chemistry** 2022A/102M

**Research title**: Digital soil mapping of Adgaon village in Parbhani district for site specific diagnosis of nutrients by using remote sensing and GIS techniques



#### Shubhashree Jena

**Department of Soil Science and Agricultural Chemistry** 2022A/105M

**Research title:** Effect of different microbial cultures and their consortia on performance of soybean in vertisol



Shahaji D. Dhole

**Department of Horticulture (Fruit Science)** 2022HT/02M

**Research title:** Studies on evaluation and performance of selected induced mutant genotype of banana var. Grand Naine

College of Agriculture, Parbhani





#### Kalyani B. Kande

#### **Department of Horticulture (Fruit Science)** 2022HT/03M

**Research title**: Studies on preparation of toffee and composite millet cookies from jamun (*Syzygium cumini L.*)

### **Department of Horticulture (Vegetable Science)** 2022HT/11M

**Research title**: Effect of dates of planting and plant spacing on growth and yield of broccoli *(Brassica oleracea L. var. italica)* cv. Green Magic under Marathwada condition



#### Kanchan G. Mhaske

#### **Department of Horticulture (Vegetable Science)** 2022HT/13M

**Research title:** Studies on effect of different levels of fertilizer and plant spacing on growth, yield and quality of selected taro *(Colocasia esculenta L.)* genotype under Marathwada condition



**Department of Horticulture (Vegetable Science)** 2022HT/22M

**Research title:** Evaluation of F2 population of genotypes in bitter gourd

M. Kumarswamy

College of Agriculture, Parbhani



**Department of Horticulture (Vegetable Science)** 2022HT/23M

**Research title**: Studies on effect of foliar application of growth stimulants on growth and bulb yield of onion (*Allium cepa L.*) cv. Agrifound dark red

#### M<mark>anjunath Mendol</mark>e



Nachiketh G. S.

**Department of Horticulture (Vegetable Science)** 2022HT/24M

**Research title**: Study on effect of foliar application of nutrients on growth and flowering of marigold

