

# 1. HISTORY AND DEVELOPMENT OF INSTITUTION

## 1.1 Historical Background

Agriculture education in Maharashtra was initiated by establishment of two agricultural colleges at Pune and Nagpur. After the independence, it was observed that these were insufficient to educate the large group of students. Hence, it was felt necessary to establish new colleges in different regions.

The College of Agriculture, Kolhapur was established in the year 1963 under the Shivaji University, Kolhapur and started at Kasaba-Bavada, about four kilometer away from Central Bus Stand, Kolhapur. In 1968, after formation of Maharashtra Agricultural University; this College was transferred to the University. Subsequently on formation of Dr. Punjabrao Deshmukh Krishi Vidyapeeth, Akola and Mahatma Phule Krishi Vidyapeeth, Rahuri in 1969, the College was transferred as a constituent College of Mahatma Phule Krishi Vidyapeeth, Rahuri and has become a regional headquarter for Kolhapur, Satara and Sangli districts. The College is located at old Pune-Bangalore National Highway No. 4 with different well equipped sectional buildings. The average rainfall of this area is 1024.1 mm, with average maximum temperature of 36.9 °C and minimum temperature of 9.4 °C in the months of May and December, respectively. This region comes under 7 Sub Montane Zone at 16° 41' N latitude and 74° 16' E longitudes with a height of 548 m MSL.

At the outset annual system of imparting education was modified as trimester system (1970-74) which was subsequently introduced by semester system in year 1975-76. The 10+2+3 pattern was followed from 1979 to 1984 and now a day's 10+2+4 pattern was introduced since 1984 which comprises one Semester (VII) of Rural Agriculture Work Experience (RAWEX) programme and Experiential Learning Programme for VIII semester from the academic year 2007-08.

## 1.2 Growth of the Institution

Initially, undergraduate college was started in temporary structures and with very limited hostel facility. Today each and every section of college is headed and staffed with well qualified and highly experienced faculty were appointed by university. Several of them were students of this institution, in which they were nurtured and trained. It is



the pride of the institution that its own alumni have come to occupy positions of responsibilities as teachers to teach the science and art of agriculture, which they have themselves learnt here.

The Gymkhana building and play ground for each game are available near new students' hostel. In the year 1977-78, Boys' Hostel building was constructed with the mess facility and a TV hall. From the year, 1998-99 there was reservation of 30 per cent seats for admission to girls. The construction of new girls' hostel building for 192 girl students was completed in the year 2005. The post graduate hostels having a capacity for 48 boys and 30 girls are being constructed during the year 2012-13.

At the beginning of college, very limited residential facilities were provided in temporary structures. Existing situation of residential accommodation facilities is summarized as given below (Table 1.1)

**Table 1.1** Situation of residential accommodation facilities

Sr. No	Category	Quarters available		
		Numbers	Type	Remarks
1	Associate Dean	-	-	Not available
2	Professors	5	A	Vacant
3	Associate Professors	20	B	Converted into guest house and PG students' hostel
4	Assistant Professors			
5	Senior and Junior Research Assistant	10	C	Vacant
6	Agricultural Assistant / Clerk			
7	Class IV	16	D	Vacant
	<b>Total</b>	<b>51</b>		

Considering the limited well irrigation facilities available with College Farm, Panchaganga Lift Irrigation Project (PLIP) has been installed during 1981 on the Panchganga river having discharge capacity of 6.6 cusec with a command area of 85.55 ha. However, the old pipeline is in pathetic condition. Moreover, there are leakages in the pipeline in second and third phase. Hence, only 43.16 ha. area is under irrigation. The lift Irrigation Scheme on Rajaram Tank is commissioned with 20 H.P. submersible pump set, which supplies irrigation water to quarry behind boys' Hostel, as alternative arrangement for PLIP during the year 2012.



Out of eight classrooms two are well equipped with audio-visual facilities. The examination cell is located in students' academic building. An old lecture hall in the Agricultural Extension Education section has been converted into auditorium-cum-seminar hall with air-conditioners, audio-visual facilities and all modern amenities. Video conferencing hall is established in the year 2011.

### 1.3 Academic Institutions and Programmes at a Glance

The college offers following undergraduate and postgraduate programmes. The academic curricula of the said academic programmes are already revised as suggested by 4<sup>th</sup> Dean's committees report of ICAR.

**Table 1.2:** Information of academic program

S.N.	Educational Program	Duration (Years)	Semesters
1	B.Sc. (Agri.)	4	8
2	M.Sc. (Agri.)	2	4

### 1.4 Student Intakes (yearly) and Turnout

The initial admission capacity was 60 students per year; subsequently increased to 201 (181 state level + 20 ICAR quota) students. Since inception of this college 6880 students have been graduated till 2012-13. The year wise information of the students secured the B.Sc.(Agri.) and M.Sc. (Agri.) degree from this college is presented in Table 1.3.

**Table 1.3 :** B.Sc.(Agri.) and M.Sc. (Agri.) degree who secured degree from College of Agriculture, Kolhapur (2007-08 to 2012-13)

Sr. No	Year	Students enrolled	Students passed	Sr. No.	Year	Students enrolled	Students passed
	<b>B.Sc. (Agri.)</b>				<b>M.Sc. (Agri.)</b>		
1.	2007-08	198	191		2007-08	-	-
2.	2008-09	198	184		2008-09	-	-
3.	2009-10	181	183		2009-10	15	09
4.	2010-11	193	*		2010-11	43	39
5.	2011-12	199	*		2011-12	42	*
6.	2012-13	195	*		2012-13	40	*

\* Indicates the batch is in continuation at present



## 1.5 Present Status of the Institution

The college has full-fledged ten departments wherein undergraduate programmes are conducted in all departments effectively and postgraduate programme in eight departments with all the requisite facilities for fulfilling the mandatory objectives. Presently, out of 346 statutory posts of staff members sanctioned 213 posts have been filled and 38 percent are vacant. The details have been given in the chapter under “faculty and human resources”.

### 1.5.1 Facilities and infrastructure at the college campus

1. Well-equipped meteorological observatory for recording weather data in Agronomy.
2. Well-equipped tissue culture laboratory at Agricultural Botany Section.
3. Commercial production unit of Entomopathogenic fungi and nematodes at bio-control laboratory Entomology section
4. Medicinal and aromatic plants’ garden at Agricultural Botany section of this college.
5. Dairy section of this college has sizable herd of 31 cattle and 98 goats for teaching, research and extension education. The average milk production on dairy farm is around 3000 litres per month. Milk produced on the dairy farm is sold in the campus to staff and students. However, rest of the milk is being converted into different milk products viz. ‘Lassi’ and flavored milk.
6. Central Instrumentation Cell is established at Soil Science and Agricultural Chemistry Section.
7. Computer Laboratory with 32 computers is established in Agricultural Engineering Section for imparting computer application teaching.
8. Internet and e-mail facility have provided in Library for the students. All Campus is connected in Local Area Network for sharing of data, information and internet facility through V-SAT, ERNET and BSNL Broadband Connection.
9. The ‘Phule Cold Drinks’ Project has been started at Horticulture section, since September, 2005.
10. Video-Conferencing Hall for transfer of technology and e-learning with Reliance Internet Connectivity is initiated at Extension Education Section.
11. Greenhouses have been constructed for commercial floriculture and conducting practicals of the undergraduate and postgraduate students.
12. Soil Science and Agricultural Chemistry section carries out analysis of soil and water samples by charging reasonable fees through experiential learning



programme. However, every year soil samples brought by RAWE students from the host farmers' and progressive farmers field are analyzed for various chemical parameters free of cost. During last six years near about 7978 soil and water samples have been tested and guided the farmers accordingly.

13. The College farm is well-planned with equal sized plots and accessible roads. Modernization of college farm with micro-irrigation system has been effected for efficient irrigation management.
14. Extension Blocks comprises of eight centres with 62 villages from Radhanagari, Bhudargad and Hatkanangale tahsils of Kolhapur district and act as field laboratory for under graduate and post graduate students for transfer of improved technologies developed by university.
15. Nursery of fruit crops supplies saplings of Lemon, Guava, Mango and Custard apple to farmers. Sizeable area is under the orchards of Mango, Aonla, Sapota and Coconut for education and research purpose.
16. Faculty members of the different disciplines guided the students appearing for Junior Research Fellowship (JRF) examination. During last six years, 140 students have passed this competitive examination and 47 students were successful in obtaining fellowship from ICAR and other universities.
17. College gymnasium is well equipped for exercise.
18. Seed production programme is undertaken by Agronomy and Agril. Botany Sections.
19. The seven wells are available for irrigation at farm. Recently, as an alternative arrangement Rajaram Tank Lift Irrigation Scheme is commissioned by college.
20. Automatic Weather Station is installed at College Meteorological Observatory.
21. Water coolers with Aqua-guard for boys' and girls' hostels, lecture halls, sectional buildings and at central office are installed.
22. Computer and internet facilities with 10 mbps VPN connectivity from BSNL have been provided to all the library, sections and administrative office.
23. Scholarships under different categories are made available to students every year.
24. Students' council is formed every year by selecting the students' representative from each class on the merit basis only. The Chairman of students' council is selected from Semester V on merit basis.
25. Very effective students' counselling system is operated at this college. Twenty students are allotted to each faculty member for counselling and the students are guided in academic and the other matter during the period of their degree course.
26. The facility is provided to faculty members for attending the national and



international seminars, symposia, workshops and summer/winter refresher training courses for updating the knowledge.

27. Funds for the purchase of textbooks of different subjects for the use of SC and ST students are received from Special District Social Welfare Officer, Kolhapur (M.S.) under 'Book Bank Scheme' of Central and State Government. As on day, College library has 36604 books, 62 technical journals, 5910 bound volumes (since 1982), 10 newspapers and 21 general magazines. The library also has research CD-ROMS and LAN.
28. The N.C.C. sub-unit of this college is under 56 MAH Battalion NCC, in which 52 students are admitted every year. Progress of N.C.C. cadets for last 6 years is given below. During last six year 148 NCC cadets secured B certificate and 147 cadets successfully passed C certificate examination.
29. This college also has National Social Service (NSS) unit. Every year social camps for 125 students are organized in selected villages, enriching students with the experience of the social works, social living and leadership etc. The intake capacity of NSS volunteers is 250 students every year.
30. The receipts generated through the sell of the seeds of various field crops and sugarcane during last five years are to the tune of Rs. 74.57 lakhs.
31. Seed processing unit is established in 2010, every year nearly 40 tonnes seed of Paddy and Soybean crops are processed and about Rs.1.50 lakhs receipt is generated.
32. Bio-fertilizer unit has generated Rs. 12.79 lakhs receipts and benefiting 3000 farmers in the region.

### 1.5.2 Awards / Certification received to the college and faculty

- Dr. P.B. Mohite, Associate Professor of Agril. Entomology, received Best Scientist / Technologist Award in BHIMA KRISHI-2010 Exhibition.
- Dr. B. S. Kadam, Assistant Professor of ACSS, received Best Scientist / Technologist Award in BHIMA KRISHI-2010 Exhibition.
- Er. A. B. Deshpande, Assistant Professor of Agril. Engineering (IDE) , received Best Scientist / Technologist Award in BHIMA KRISHI-2010 Exhibition.
- Dr. R. V. Kulkarni, Associate Professor of SSAC , received Best Scientist / Technologist Award in BHIMA KRISHI-2011 Exhibition.
- Dr. A.A. Pisal, Extension Agronomist REC , received Best Scientist / Technologist Award in BHIMA KRISHI-2011 Exhibition.



- Dr. A.B. Mohite, Associate Professor of Agronomy, received Best Scientist / Technologist Award in BHIMA KRISHI-2011 Exhibition.
- Dr. M.S. Kamble, Assistant Professor of Aril. Botany, received Best Scientist / Technologist Award in BHIMA KRISHI-2012 Exhibition
- Dr. D.D. Patange, Assistant Professor of AHDS, received Best Scientist / Technologist Award in BHIMA KRISHI-2012 Exhibition
- Dr. D.K Kamble, Associate Professor of AHDS, received Best Agril. Extension Worker Award in BHIMA KRISHI-2012 Exhibition
- Shri. S.S. Bhingardive, SRA in Extension Education section received Best Agril. Extension Worker Award in BHIMA KRISHI-2012 Exhibition

### **1.5.2 Organization of state/national level seminars/workshops/training programmes**

- On the occasion of Golden Jubilee Year of the College, 10 workshops, seminars/trainings for farmers and students were organized during June 2012 to June 2013.

### **1.5.3 Visit of VVIP dignitaries to the college**

- His Excellency Shri. D.Y. Patil, Governor of Tripura/Bihar State.
- Hon'ble Shri. Radhakrishna Vikhe Patil, Minister for Agriculture, Maharashtra State
- Hon'ble Shri. Harshvardhan Patil, Minister for Co-operation and Parliamentary Affairs of Maharashtra.
- Hon'ble Shri. Satej alias Bunt D. Patil, Minister of State for Home, Govt. of Maharashtra
- Dr. S.A. Patil, Member, High Power Review Team of ICAR, New Delhi for analysis of SAU's development grants.
- Hon'ble Shri. Vijay Kolte, Vice-President, M.C.A.E.R., Pune
- Shri. Sadashivrao Mandalik, Member of Parliament
- Smt. Kadambari Kawale, Mayor of Kolhapur
- Dr. S.S. Magar, Ex. Vice Chancellor, Dr. BSKKV, Dapoli
- Dr. S.S. Kadam, Ex. Vice Chancellor, MAU, Parbhani
- Dr. V. M. Mayande, Ex. Vice Chancellor, Dr. P.D.K.V., Akola
- Dr. B .R. Mulik, Member, MCAER, Pune.

