

# FOR 1<sup>st</sup> CYCLE OF ACCREDITATION

# K K WAGH COLLEGE OF AGRICULTURE

SURVEY NO. 240/1, SARASWATI NAGAR, PANCHAVATI, NASHIK 422003 agri-bsc.kkwagh.edu.in

#### Submitted To

# NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL BANGALORE

August 2024

# 1. EXECUTIVE SUMMARY

#### 1.1 INTRODUCTION

K K Wagh Education Society is a leading educational trust in the state of Maharashtra. It was established in 1970 by the visionary leader Padma Shri Late Karmaveer Kakasaheb Wagh. He realized the importance of education for the upliftment of rural masses and started with a girls' school in Niphad Tehsil. A small sapling planted by Karmaveer Kakasaheb Wagh has grown into a full tree with 30 institutes having over 22,000 students engaged in studies from K.G. to Ph.D. in various fields. There are over 1,800 dedicated employees following Indian ethics and striving hard towards developing world-class institutes.

With the vision of empowering students through quality education, K.K. Wagh Education Society established K.K Wagh College of Agriculture in 2005. The college is situated in a lush green educational campus at Saraswatinagar, Panchavati, in Nashik the place famous for its religious and agricultural hub of Maharashtra. The Nashik is important background where Kumbh Mela is held once in 12 years. The college is affiliated to Mahatma Phule Krishi Vidyapeeth, Rahuri. The college aims to cater the upcoming demands of the Agrarian economy by generating young workforce with knowhow of future ready technology in agriculture and allied fields. The curriculum delivery is well planned, systematic and effectively done through state of the art infrastructure comprising of spacious, well equipped laboratories with sophisticated instruments, classrooms with full of amenities, well stacked library with e-resources, high speed internet connectivity and latest IT facilities and developed agricultural farms. Besides core agricultural education the students are also trained in their soft skills, communication skills and personality development. Industry institute interaction is the routine practice through various expert sessions, internship programs and industrial visits. Student and faculty development is the integral part towards excellent educational standards and college offers facilities and financial assistance to promote teaching learning experience. The use of ICT tools by faculty for teaching and learning, encourages students to enhance their ICT literacy. In order to inculcate ethics and moral values among students, extension activities under NSS and RAWE programme are organized. Such activities help the students for their all-round development and upliftment.

#### Vision

Excellence in Agricultural Education for Sustainable Agriculture Development

#### Mission

- 1. To produce agricultural graduates with high knowledge and competence by imparting practical technical education
- 2. To provide the opportunities of experiential learning environment for helping the students to be an entrepreneur for the growth engine of the society
- 3. To create and cultivate valuable manpower for sustainable development in agriculture practices, industry and contribution to the society.

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## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

#### **Institutional Strength**

- K.K. Wagh is reputed brand name.
- Proactive, devoted, committed and visionary management.
- Green campus with well-equipped infrastructure including Wi-Fi facility for teaching learning.
- Fully equipped library with latest editions of books, journals, e-books/e-journals of national and international repute and utilization of cutting-edge softwares.
- Qualified, devoted and experienced Teaching and Non-teaching staff.
- The effective teaching learning process with adequate ICT infrastructure with Round-O-Clock internet facility.
- Good exposure through educational visits & experts lectures.
- Meritorious students, which help to create a brand of college.
- Development of organizing skills, leadership qualities, and social empathy in students through activities such as blood donation, awareness programmes on current issues on the platforms like Sports, NSS and RAWE programme.
- Spacious playground giving opportunities for sports and gymnastic activities.
- Active Alumni association.

#### **Institutional Weakness**

- Insufficient consultancy work and research contributions.
- Limited industry institution interaction.
- Being permanently unaided, it is difficult to get the funds from government funding agencies.
- Since we are affiliated college, the syllabus set of university is to be followed.
- Less placement opportunities.

#### **Institutional Opportunity**

• Growing demand for Agriculture graduate.

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- Campus placements can be improved.
- Opportunity to develop industrial rapport.
- Interdisciplinary research opportunities, possibility for joint research projects with stakeholders.
- Scope for the introduction of new courses under NEP 2020.
- Enhanced support from alumni in institutional development and placement opportunities.

#### **Institutional Challenge**

- Reimbursement of Scholarship from Govt. of Maharashtra is very slow process.
- Limited financial resources.
- To meet the ever-growing expectations of various stakeholders.
- To increase resource mobilization.
- To offer carrier guidance to students as against fast-changing fields of employment/ research.
- Strengthening the placement cell and Alumni Association.

#### 1.3 CRITERIA WISE SUMMARY

#### **Curricular Aspects**

The college is affiliated to Mahatma Phule Krishi Vidyapeeth, Rahuri. It follows the curriculum prescribed by the University. The college offers U.G. programme B.Sc. (Hons.) Agriculture degree with duration of four years. It prepares semester-wise academic and extra-curricular events in tune with University academic calendar.

Teaching - schedule of course with defined credit load is prepared by teacher for effective delivery of the lessons. Academic timetable is prepared to facilitate smooth academic operations, including the allocation of courses, continuous internal assessment and the use of ICT tools for teaching and learning, field visits, examination etc.

Each faculty is entrusted with task of counselling (mentoring) about twenty students every year on academic and personal issues to strengthen the bond between teachers and students. The faculty actively participates in various activities, such as workshops, question paper setting and Central Assessment Programmes.

The principal conduct meetings at least once in a month with teachers to review the curriculum delivery process. Principal addresses to the students periodically to get feedback from them and rectify the problems, if

any, regarding curriculum delivery

Guest lectures on current trends on respective subjects are organized for students. Additionally, students are assigned experiential learning projects to further enhance their educational experience. Value added/certificate courses are also offered to enhance students skills and capabilities.

Curriculum of the courses are designed by the University and modified time to time in view of crosscutting issues like sustainability and environment, climate change, human values, gender issues, professional ethics etc.

As a part of extra-curricular activity, the college celebrates various important days like International Youth Day, International Yoga Day, International Women's Day, *Krishi Din* etc. to inculcate ethics and spirit of nationality amongst students.

Students participate in various awareness programs under NSS, including environmental protection, ecological preservation, voter rights campaigns and *Swachha Bharat Abhiyan*. Feedback system on curriculum has been devised using certain important criteria like professional competency, practical exposure, life skills etc. Analyzed feedback leads to timely improvements in curriculum delivery.

Library facilities are provided to the student according to their need and record of the same is maintained through UTS.

#### **Teaching-learning and Evaluation**

The college adopts efficient teaching- learning process. The admission of students are made on the basis of merit list in the Common Entrance Test conducted by the State CET Cell. The admissions are allotted as per the reservation policy of the Government of Maharashtra and as per rules of Maharashtra Council of Agriculture Education and Research (MCAER). Orientation programs are held for new students to brief them on the semester system and evaluation process. Teaching plans of each course to be taught in the semester are provided to the students.

Student-centric methods, including field practicals, surveys, ICT-enabled classrooms, remedial classes, and guest lectures, enhance teaching and learning. Teachers assess students through presentations, tests, assignments and internal exams, using ICT tools. Co-curricular and extracurricular activities promote positive thinking and social awareness. The college organizes educational, field, and industrial visits for practical exposure and maintains a well-resourced library with books, e-books, journals, magazines, and e-resources. A counseling system assigns groups of students to teachers for guidance on classroom issues to improve examination performance. Specialized support is provided for students aiming for higher education through tests like JRF, CET, CAT etc.

#### **Evaluation at different levels:**

- Student Level: Quizzes and discussions are held in class.
- Mid-Semester: Internally conducted exams account for 20% of the total marks.
- Semester End: University-conducted theory exams, in collaboration with the college, account for 80% of theory marks.
- Practical Work: Includes records, manuals, and assignments (20%), with a semester-end practical exam (80%).

- Centralized Assessment Process: Both college and university follow a centralized assessment approach.
- Mid-Term Copies: Students can review their evaluated mid-term exam papers for clarification.
- Results: Timely declared, uploaded on the RMS link, and displayed on notice boards. Grievances are addressed promptly and course-wise result analysis is conducted, with feedback provided to teachers as needed.

The faculty are dedicated, experienced and include NET-qualified and Ph.D. holders. The attainment levels of Program Outcomes (POs) and Course Outcomes (COs) are higher (3), reflecting the quality of education. The college has well established IQAC with purpose of continuous analysis of teaching learning process to improve the standard of teaching-learning modules of institution.

#### Research, Innovations and Extension

The college has Research Committee which guides faculty in initiating and publishing research activities and inculcate a supportive research environment. Seven faculties have been awarded Ph.D. degree. The college conducts various workshops on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship Development Programme (EDP) etc. for students. The faculty members have published 13 research papers in NAAS rated journals, 12 research papers/abstracts in conference proceedings and one patent on design granted. The college has undertaken research project 'Advance Varietal Trial' on wheat. This activity is funded by Indian Institute of Wheat and Barley Research (IIWBR), Karnal under ICAR-All India Coordinated Research Programme (AICRP). Multi-disciplinary project on Geranium crop was also undertaken in last two years. Students participated in research Festival-AAVISHKAR organized by MPKV to inculcate research culture amongst them.

Under the Rural Entrepreneurship Awareness Development Yojana (READY) program, final-year students participate in the Rural Awareness Work Experience (RAWE) and Agro-Industrial Attachment (AIA) for one semester. During RAWE, students are grouped and assigned to villages for 24 weeks, where they interact with farmers and engage in crop production and farm activities. Extension activities include demonstrations, group discussions, soil testing and *Shetkari Melava* to transfer agricultural technology and gather feedback for improvements. Faculty also contribute through radio talks, articles and expert lectures. Students visit agricultural institutions to gain insights into recent trends and practical applications, enhancing their knowledge and engagement with scientists.

There is an active & functional NSS unit in the college. Every year 50 students are participated in NSS. Seven days special residential NSS camp is organized by college in identified villages. Various Social, National and Community based activities including Tree Plantation, *Gram Swachhata Abhiyan*, Voters awareness, Street plays etc. are organized during these seven days. Awareness activities such as World Environment Day, International Yoga Day etc. are organized, along with social initiatives like plastic waste collection and ecofriendly Ganesha idol workshops. A total of 31 MoUs are signed with different organizations to promote extension and research activities. Additionally, college organized live crop demonstrations including exhibitions providing innovative ideas among the students to enrich the techniques of the crop production.

#### **Infrastructure and Learning Resources**

The college has land of 40 Ha with well-equipped buildings with all amenities. Total built-up area is 3346.15 sq. mtrs. The college is located with natural surroundings and pollution-free environment. The premises have

proper lighting, seating and ventilation arrangements, generator backup, CCTV surveillance. The ambience provided positive impact on teaching learning process and students, staff and visitors enjoy the natural ambiance on the campus. Parking facility is available for all staff members and students. The college has sufficient infrastructure with 4 ICT enabled classrooms, auditorium, well-equipped 22 Laboratories including Computer Laboratory and other support facilities. At present computer ratio is 13:1. The college has well laid-out facilities for indoor and outdoor games and sports such as Volleyball, Basketball, Badminton, Table tennis, Carom board, Chess, *Kho-kho*, *Kabaddi*, Cricket, Gymnasium and Green gym. The college encourages students to participate in Intercollegiate and University Level Sports Tournaments.

All departments are equipped with computer systems with internet facilities. The computer lab is well equipped with 28 computers. All laboratories are well equipped with required instruments, glasswares, chemicals and other consumables. Regular maintenance of IT infrastructure, laboratory equipments, farm machinery made as per maintenance policy of college. All classrooms, exam control room, office, library etc. are under CCTV surveillance. In the library, there are 4,541 text and 4,324 reference books along with 16 magazines, 7 journals and 5 newspapers.

The college also have separate hostel for boys and girls, accommodating in all 176 boys and 94 girls, with dining facility. Additionally, the campus features a well-equipped cafeteria catering to the dietary requirements of both students and faculty. Other amenities include transportation with two buses, a cultural stage, a yoga center, centralized water purification system, fire fighting system, health care centre etc. Facility of ramp, elevator and wheel chair is available for Differently Abled students. Additionally, at farm site cattle sheds, goat shed, two polyhouses and two shading net structures for nursery are provided.

#### **Student Support and Progression**

The college has established a support system for nurturing students. A Student Council looks after various activities including library services, sports, cultural events, plantation programs, days and festival celebrations, training & placement etc. Additionally, expert lectures are organized on topics such as personality development, health and hygiene, computing skills, career guidance and competitive examinations. The college actively encourages students to pursue higher education.

The college has various committees for guidance and safety of students like Anti-ragging, Women Grievance Redressal Committee, Student Grievance Redressal Committee, Student Council etc.

The college has Training & Placement Cell which conducts training programs and expert lectures for employment opportunity to students. Career counseling is also organized for placements. Students have secured placements in various reputed companies. Around 25% of the students have chosen higher education.

Students receive scholarships and fee reimbursements from both state and central governments. Remedial classes and career guidance sessions facilitates the students to secure good scores and academic performance in their study and also to prepare themselves for appearing JRF/ CET / competitive examinations. Students from the college have actively participated and achieved commendable ranks in various inter-collegiate and inter-university tournaments, including AAVISHKAR, debates, elocution as well as sports such as cricket, badminton, hockey, chess, volleyball and more.

The Cultural Club organizes a variety of programs, including annual social gatherings, theme based days and competitions, aimed at the all-round development of students. The college has registered Alumni Association

where they contribute to the colleges development.

#### Governance, Leadership and Management

The college is governed by Board of Directors of K K Wagh Education Society and Mahatma Phule Krishi Vidyapeeth, Rahuri. College has Governing Body committee that guide to undertake various academic and developmental activities. Important decision like sanctioning of college budget, teaching learning evaluation, farm development activities, starting new courses etc. are sanctioned in the Governing Body committee meeting and then approved by Management. To ensure the effective operation of a college, various policies are implemented. The administrative set up of college includes Principal, Vice-Principal, Teaching and other supporting staff. Academic staff includes teachers and lab assistant. The Principal heads administration and provides leadership for the activities of the college in consultation with section In-charge.

For smooth working and conducting college activities, various committees are formed. These are consisting of teachers, supporting staff and students including most important committees such as student grievance redressal, women grievances rederssal, anti-ragging, student council etc. The college has well designed annual Appraisal proforma for teaching and non-teaching staff for monitoring their performance on regular basis. On the basis of annual feedback analysis necessary action is taken for improvement of academic performance by faculty.

The Society follows the rules and regulations of MPKV and Government of Maharashtra for the recruitments of teaching and non-teaching staff. The finance of the college is managed by principal and finance department of Society. The account of the college is audited by CA as per government rules. Since the college's income is derived solely from student fees and a small amount from its agriculture and dairy farms, efforts are made to prudently allocate funds to various areas such as teaching and infrastructure. IQAC is constituted to suggest and monitor teaching and learning progression of the students as well as it acts as guide to the teacher for effective delivery of teaching methods/ material etc. Regular academic and administrative audits are conducted internally by the AAA committee and externally by MPKV, Rahuri. The college follows all rules, regulations and guidelines provided by K. K. Wagh Education Society, Nashik, MPKV, MCAER and Government of Maharashtra for smooth functioning and administration of college.

#### **Institutional Values and Best Practices**

The college is very sensitive and alert for safety and security of the students and staff. Efforts are taken by college to create awareness about gender equity and safety measures by providing facilities such as compound for prevention from external issues, Installation of CCTVs in college premises. College has common room and washrooms for boys, girls and faculty. 24 hours security is provided in college premises and at the entrance gate. The Women Grievance Redressal Committee (WGRC) has been constituted in the college. WGRC meets on need basis to address any complaints from students, teaching and non-teaching members and takes necessary action. Anti-ragging committee is formed as per the UGC guidelines. Various awareness programs are organized by college such as Women Empowerment, Health and Hygiene etc. Training programmes has organized for girls to enhance their employability and boost their confidence. First aid box is provided for students and staff. Safe drinking water and sanitation facilities are also available in the college. Facility of ramp, elevator and wheel chair is available for Differently Abled students.

The college maintains an eco-friendly campus with ornamental plants and strives for carbon neutrality through

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tree planting, recycling biodegradable waste via vermicomposting and using one-sided pages for printing. Energy audits and green audits have been completed, with steps taken to save energy through renewable resources and the use of LED lighting. The college implements effective waste management with solid waste collected by Nashik Municipal Corporation and biodegradable waste used for composting and vermi-composting. Liquid waste is directed to well-constructed drainage systems and closed collection tanks. The college celebrates national and international commemorative days. The college organizes several extension activities and awareness programme among the rural people and farming community. These activities include demonstrations, group discussion, field surveys, awareness campaign etc.

The college has coined two best practices namely 'Empowering local farmers through Soil Analysis and customized fertilizer recommendations: A student-led initiative' and 'The Expert Lecture Series: Advancing Knowledge and Career Opportunities'. Under Institutional distinctiveness, Shetkari Melava - Enhancing Agricultural Knowledge and Practices through Community Engagement.

# 2. PROFILE

# 2.1 BASIC INFORMATION

Name and Address of the College						
Name	K K WAGH COLLEGE OF AGRICULTURE					
Address	Survey No. 240/1, Saraswati Nagar, Panchavati, Nashik					
City	Nashik					
State	Maharashtra					
Pin	422003					
Website	agri-bsc.kkwagh.edu.in					

Contacts for Communication									
Designation	Name	Telephone with STD Code	Mobile	Fax	Email				
Principal(incharge)	Satishkumar Murlidhar Hadole	0253-2555221	9422534228	-	principal-bscagri@kkwagh.edu.in				
IQAC / CIQA coordinator	Satish Santosh Bornare	0253-2555237	8600339807	-	ssbornare@kkwagh .edu.in				

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution					
By Gender	Co-education				
By Shift	Regular				

Recognized Minority institution	
If it is a recognized minroity institution	No

# Establishment Details

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State	University name	Document
Maharashtra	Mahatma Phule Krishi Vidyapeeth	View Document

Details of UGC recognition							
Under Section Date View Document							
2f of UGC							
12B of UGC							

_	nition/approval by stati MCI,DCI,PCI,RCI etc(o	• •	odies like	
Statutory Regulatory Authority	Recognition/Appr oval details Instit ution/Department programme	Day,Month and year(dd-mm- yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Mahatma Phule Krishi Vidyapeeth
Date of recognition	09-02-2023

Location and Area of Campus									
Campus Type Address Location* Campus Area in Acres Sq.mts.									
Main campus area	Survey No. 240/1, Saraswati Nagar, Panchavati, Nashik	Urban	1.38	3346.15					

# 2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)									
Programme Level	Name of Pro gramme/Co urse	Duration in Months	Entry Qualificatio n	Medium of Instruction	Sanctioned Strength	No.of Students Admitted			
UG	BSc(Agricult ure),Faculty Of Agriculture,	48	HSC with MHTCET or NEET	English	120	118			

# Position Details of Faculty & Staff in the College

Teaching Faculty												
	Profe	Professor				Associate Professor			Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0			0			0					
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0			0				
Sanctioned by the Management/Soci ety or Other Authorized Bodies	0			0				26				
Recruited	0	0	0	0	0	0	0	0	12	14	0	26
Yet to Recruit	0	,		,	0			0				

	Non-Teaching Staff					
	Male	Female	Others	Total		
Sanctioned by the UGC /University State Government				0		
Recruited	0	0	0	0		
Yet to Recruit				0		
Sanctioned by the Management/Society or Other Authorized Bodies				35		
Recruited	32	3	0	35		
Yet to Recruit				0		

	Technical Staff						
	Male	Female	Others	Total			
Sanctioned by the UGC /University State Government				0			
Recruited	0	0	0	0			
Yet to Recruit				0			
Sanctioned by the Management/Society or Other Authorized Bodies				15			
Recruited	7	8	0	15			
Yet to Recruit				0			

# Qualification Details of the Teaching Staff

	Permanent Teachers									
Highest Qualificatio n	Professor				Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	1	0	3
UG	0	0	0	0	0	0	0	0	0	0

	Temporary Teachers									
Highest Qualificatio n	Professor				Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	2	0	5
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	6	11	0	17
UG	0	0	0	0	0	0	0	0	0	0

	Part Time Teachers									
Highest Qualificatio n	Professor				Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty	Male	Female	Others	Total	
engaged with the college?	1	1	0	2	

# Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	323	0	0	0	323
	Female	139	0	0	0	139
	Others	0	0	0	0	0

# Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	11	7	7	6
	Female	4	6	5	6
	Others	0	0	0	0
ST	Male	5	4	3	1
	Female	3	3	4	6
	Others	0	0	0	0
OBC	Male	43	34	40	34
	Female	12	12	12	11
	Others	0	0	0	0
General	Male	7	17	14	18
	Female	2	4	6	7
	Others	0	0	0	0
Others	Male	23	20	16	19
	Female	8	11	13	12
	Others	0	0	0	0
Total		118	118	120	120

## Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The syllabi and the course structure is framed and implemented by the affiliating university MPKV, Rahuri as per the ICAR guidelines. Being an affiliated college, we are following this syllabi. Our teachers and leaders are carving out the way for the fruitful implementation of multidisciplinary and interdisciplinary education, which will definitely
	enable our students to develop the skills required in 21st century. Our affiliating university is playing a proactive role in implementation of the multidisciplinary and interdisciplinary approach to education in line with NEP. Change in the syllabi is as per NEP and the college work within the framework set up by MPKV.

#### 2. Academic bank of credits (ABC):

Academic Bank of Credit (ABC) is an innovative change proposed in the NEP. It provides multiple entry and exit to students during completion of degree. The College has positively responded to the new Academic Bank of Credits concept and provided the link of the same on the institutional website and students were asked for registration. The existing students are now registered on this portal and availing this facility and new entrants admitted in every year are also registered. The data of registration is available on the college website. The College shall act in accordance with guiding direction received from relevant authorities and will implement ABC for credit transfer of the students.

#### 3. Skill development:

In the light of today's need for the skilled work force, NEP has given an onus on skill development. Like other higher education institutions across the country we also have taken a cognizance of it and are designing their curriculum accordingly. Our college is concern and has implemented certificate courses for skill development. College also organizes activities like; a) developing workplace related skills & attitudes through internship. b) Collaborating with industries for imparting practical skills & hands on experience. c) Collaborating with agencies for conducting training workshops for personality and soft skill development of students e.g., SURYA, GTT & Mahindra Pride Classroom etc. d) Introducing new learning methods/ hybrid methods for the students to strengthen and make teaching-learning process, a joyous process. e) We have compulsorily enrolling our students of VII and VIII semester for Experiential Learning Modules (ELM) and Rural Awareness Work Experience (RAWE) to enable students to explore future employment pathways after graduation for their prosperous career. Besides, this we regularly organizes workshops on EDP, IPR, Research Methodology, making Eco-Friendly Ganesha Idols every year, as well as sessions on Computer skills, ICT tools, Financial Planning etc.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

India being multilingual country we have adopt and include Marathi, a vernacular language of Maharashtra during issue of Circulars/ Notices/ Programmes. We organize Marathi Bhasha Diwas every year for preserving and promoting language culture. In these days, emphasis is given on entire

	teaching learning in these colloquial languages, as a unique feature. Many of the signages in campus and college, as well as notices and correspondences day to day are in Marathi language at college, society, university and social welfare department levels. The college initiates and conducts all of its operations in accordance with Indian customs and culture. To promote Indian culture, numerous events are held, like debate, elocution, commemoration of important days and events celebration also remembrance of legends on their anniversaries.
5. Focus on Outcome based education (OBE):	OBE is a dialectic pedagogy which focuses on student centric teaching learning methods. According to the OBE approach, it is expected that each student would attain a level of proficiency after completion of course and thereby attain a set level of accomplishment in a specific program. This approach, also known as performance-based education, aims to gauge the efficacy of education by looking at outcomes rather than inputs like amount of time spent in class. For this reason, course teachers prepares course outcomes for the relevant course in accordance with the course objectives and goals. Programs, course objectives and attainment are mapped. The college has organized expert talks, lectures, industrial visits and field visits for bridging the gaps between course outcomes and program outcomes.
6. Distance education/online education:	Recent pandemic has shown the world the importance of online education. The college overcame all the challenges during pandemic to facilitate learning and impart knowledge. The college provided all facilities required to promote online teaching, learning and assessment to avoid academic loss of the students. The college campus is Wi-Fi enabled. Required support is provided to the faculties to facilitate online learning, ensuring that no student is deprived of learning opportunities. During COVID pandemic, our college switched over to virtual mode of teaching through various platforms viz. ZOOM, Google Meet, Google Classroom, Google Quiz/From, YouTube, Lumen5, Padlet etc.

# **Institutional Initiatives for Electoral Literacy**

1. Whether Electoral Literacy Club (ELC) has been set up in the College?

With the primary objective of sensitizing students of the college about important and integral part of the democratic system of governance like exercising their voting rights which is an integral part of the democratic system of governance, the college established ELC (Electoral Literacy Club) in 2022.

2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?

An Electoral Literacy Club is a platform to engage college students through interesting activities. Eight students from SY and TY class representing the club. ELC is active and functional. Mr. S.S. Bairagi, Assistant Professor SSAC is Nodal officer and Ms. S. K. Sonawane, Mr. D. R. Patil are staff representatives on ELC.

3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.

The college organizes various programme to show respect to our Constitution. Preamble is an important part and functions are being organized on 26th November every year to celebrate Constitution day. Also, 25th January is celebrated every year as Voter's Day. Also cooperation from college authorities are given to local civic bodies during election process for smooth conduction of the process. Youths and the students of college are encouraged to register their names as voter. The institutional ELC is mainly focused on voter's awareness, information sharing and motivating them to cast their votes.

4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.

A special awareness drive under 'No voter be left behind' program was conducted by ELC. The college conducts a rally on voter's day in which the teachers and students actively participate.

5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.

In an attempt to find out students above 18 years of age, ELC of the college is given a task of collecting data of such students. A special voter registration drive was conducted under ELC in college campus.

# **Extended Profile**

#### 1 Students

#### 1.1

#### Number of students year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
462	513	563	491	502

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

### 2 Teachers

# 2.1

#### Number of teaching staff / full time teachers during the last five years (Without repeat count):

# Response: 40

0	File Description	Document
	Upload Supporting Document	<u>View Document</u>
	Institutional data in prescribed format	View Document

#### 2.2

### Number of teaching staff / full time teachers year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
24	22	22	19	23

## 3 Institution

#### 3.1

### Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
406.90	400.71	325.91	266.68	248.73

File Description	Document
Upload Supporting Document	<u>View Document</u>

# 4. Quality Indicator Framework(QIF)

# **Criterion 1 - Curricular Aspects**

#### 1.1 Curricular Planning and Implementation

#### 1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

#### **Response:**

#### A. Effective planning of curriculum delivery system

K. K. Wagh College of Agriculture, Nashik is affiliated to Mahatma Phule Krishi Vidyapeeth, Rahuri, follows the syllabus set by the Maharashtra Council of Agricultural Education and Research (MCAER) & MPKV. Within this established academic framework, our college strives to adopt innovative methods in curricular planning and implementation of effective curriculum to ensure the holistic development of our students. At the start of each academic year, the Principal convenes a general staff meeting to discuss the planning and implementation of the curriculum. At the end of the academic year, feedback is collected from the stakeholders namely students, teachers, employers and alumni on the Curriculum and analyzed. Action is taken on the suggestions recommended from stakeholders.

#### **B.** Implementation

#### • Academic Calendar and Time table

Academic calendar and time table is designed by the Academic Committee in accordance with the university's academic calendar and approved by the Principal. The academic and administrative responsibilities of the college are formulated and executed through various committees, aligned with the academic calendar. Individual staff member prepares the teaching plan for the assigned courses. Staff members adhere to time table for effective implementation and smooth functioning of delivery. Staff members maintain attendance records and monitor student's progress. Every semester, the Academic Incharge and Principal review completion of the courses.

#### • Use of ICT tools

The integration of ICT tools significantly enhances our curriculum planning & implementation. Tools such as Google Classroom, Google Meet, Google Forms/Quizzes, Zoom, Webinars, WhatsApp, YouTube, Padlet and Lumen5 play a crucial role for effective delivery of the content. Especially during the COVID-19 pandemic, these tools facilitated effective online sessions. Topic-specific recorded videos were created by staff members for each course and distributed to students via YouTube and they are also advised to search related videos available.

#### • Initiatives beyond syllabus

In addition to above, field visits and guest lectures are organized for students as part of experiential

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learning, providing opportunities for interaction with industry experts. Students conduct projects,

assignments, seminars and field surveys, certificate courses under the guidance of their teachers allotted for it.

#### • e-Library Facilities

The availability of library facilities to students underscores our commitment to educational excellence. The library has comprehensive collection that includes 4,541 text and 4,324 reference books, along with 16 magazines, 7 journals, and 5 newspapers. It is also equipped with open-source software like KOHA for library management, a User Tracking System (UTS) and access to online books and journals through J-Gate with Wi-Fi facility. Additionally, 38 computers, featuring high- speed internet at 200 Mbps for student's use.

#### C. Internal Assessment

Students are assessed for their performances through internal and University end semester exams. Continuous Assessment involving mid-semester exams, assignments, timely submission of practical manuals, viva-voce, quiz, seminars etc. The academic quality and progress of students is reviewed with the help of class coordinators and includes student attendance records, syllabus completion report.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

#### 1.2 Academic Flexibility

#### 1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 20

Page 23/89

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files	
1	<u>View Document</u>

#### 1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 33.47

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
260	168	169	0	250

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

### 1.3 Curriculum Enrichment

#### 1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

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#### **Response:**

Our goal is to foster holistic growth and intellectual development, shaping graduates into ethical professionals who are productive, competent, gender-sensitive, environmentally conscious and committed to human values and social responsibilities. We achieve this by integrating relevant concepts into the curriculum and reinforcing these values through practical applications in campus life.

**Professional Ethics** enables the students to use specific capacities and skills to make moral decisions in professional life. "Comprehension & Communication Skills in English", "Communication Skills and Personality Developments" and "Entrepreneurship Development and Business Communication" courses emphasize ethical behaviour in business and finance.

**Gender** equity is an essential character of curricula that sensitizes students on gender related problems. Students are encouraged to address and discuss gender issues and women empowerment through courses, such as Human Values & Ethics, Environmental Studies & Disaster Management and Fundamentals of Genetics.

**Human Values** education promotes tolerance and understanding above and beyond our cultural and religious differences, putting special emphasis on the defense of human rights and conservation of environment. Communal harmony, dignity of labour and concern for the Differently Abled are the human values that the institution tries to inculcate in the minds of the students through the courses *viz.*, Agricultural Heritage, Human Values & Ethics, Democracy, Elections & Good Governance and Intellectual Property Right.

Environment and Sustainability education is a promising pathway towards the goals of boosting environmental responsibility and sustainability among every segment of society. The courses focusing on environment and sustainability are Environmental Studies and Disaster Management, Introductory Agrometeorology and Climate change, Soil and Water Conservation Engineering, Rain fed Agriculture and Watershed Management, Agri-Informatics, Environmental Studies and Disaster Management, Farming System and Sustainable Agriculture, Principles of Organic Farming, Renewable Energy and Green Technology, Geo-informatics and Nano-technology and Precision Farming.

#### **Activities:**

Various activities are organized to reinforce the crosscutting issues into curriculum.

- The soft skills and personality development programs, as well as training and placement initiatives are conducted to help students to cultivate **professional ethics**.
- The **Gender equality** is promoted through events like International Women's Day celebration, and other gender-focused programs. Over the past five years, the college has conducted gender audit which emphasized girls' participation, with 19.18% in sports and 53% in the National Service Scheme. Enrolment is 31.37%, exceeding 40% in certificate courses. Women comprise 51.16% of faculty, though only 18.52% of non-teaching staff, highlighting areas for continued growth
- The National Service Scheme (NSS) is instrumental in the organization of extension activities, like blood donation drives and guest lectures, promoting **human values** and social responsibility. The NSS takes initiatives such as tree plantation drives, village cleanliness campaigns, plastic free campus efforts and participation in the Swachha Bharat mission. The green energy practices

and eco-friendly initiatives, including the creation and collection of eco-friendly Ganesh idols are adopted which inculcate spirit of dedication, workmanship and belongingness towards national as well as global issues in the students, so that they can contribute for the development of the society as a whole.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

#### 1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 98.92

#### 1.3.2.1 Number of students undertaking project work/field work / internships

Response: 457

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	<u>View Document</u>

#### 1.4 Feedback System

#### 1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

**Response:** A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

# **Criterion 2 - Teaching-learning and Evaluation**

#### 2.1 Student Enrollment and Profile

#### 2.1.1

#### **Enrolment percentage**

Response: 99.17

# 2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2023-24	2022-23	2021-22	2020-21	2019-20
118	118	120	120	119

#### 2.1.1.2 Number of sanctioned seats year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
120	120	120	120	120

File Description	Document
Institutional data in the prescribed format	<u>View Document</u>
Final admission list as published by the HEI and endorsed by the competent authority	View Document
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

#### 2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 98.33

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2023-24	2022-23	2021-22	2020-21	2019-20
58	58	60	60	59

# 2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
60	60	60	60	60

File Description	Document
Institutional data in the prescribed format	<u>View Document</u>
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

#### 2.2 Student Teacher Ratio

#### 2.2.1

Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 19.25

#### 2.3 Teaching- Learning Process

#### 2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

#### **Response:**

Efforts are made to realize the potential of students, with staff members enhancing the teaching and learning process by incorporating modern ICT-based tools alongside traditional methods. The college has implemented instructional strategies aimed at raising students learning levels by emphasizing conceptual clarity in their courses. The activities apart from curriculum are designed in order to bridge curricular gaps.

#### **Experiential Learning:**

**Educational, Industrial and Field Visit:** The college often arranges educational, industrial and field visits for the students. Through these events, students learn firsthand about how agricultural enterprises and other organizations operate, witnessing knowledge implemented in practice.

**Agro Industrial Attachment (AIA):** The college promotes participation of students in internship in different Agro- industries during RAWE program.

**Project:** Project planning and writing skills are major parts of the experiential learning programme (ELP). The entrepreneurship skills acquired by the students during the ELP are reflected in their project reports.

**Certificate Course-** The college often conducts certificate course of 30 to 36 hrs. for the students on various current and fundamental topics such as Vegetable Grafting-Concept and application, Analytical Instrumentation.

#### **Participative Learning:**

As the primary participants in the college, students are its greatest asset, representing all facets of the institution.

- 1. Seminars, Sports, NSS, cultural and other activities where students collaborate in social groups are encouraged. The college also organizes various competitions like Poster making, Sketch, *Rangoli* and *Mehandi* etc.
- 2. Assignments are given on areas like Herbarium, album on disease, Insect and Pest collection.
- 3. Interaction with the alumni for guidance of career and competitive examinations.
- 4. Involvement in various Agricultural Exhibitions by industry collaborative.
- 5. Participation in University/ State level research competitions like AAVISHKAR.
- 6. Method Demonstrations on various agricultural issues by RAWE students.

#### **Problem Solving Methodologies:**

Students are assigned a counselor for both personal and academic issues. The counselor support students to overcome their problems.

The college arranges expert talks regularly on various burning and concurrent issues to widen the horizon of the subject/field and to keep pace with current trends. These talks are followed by question answer session to solve the difficulties/ the part which needs more attention. Feedback is also collected. Additionally, Entrepreneurship Development Program also emphasizes on problem solving approach.

#### ICT Tools -

The college uses ICT-enabled smart classrooms where platforms like YouTube channels, Google Classroom, Google Meet, Google quiz/ Google Forms, Zoom Meet, PPT's, WhatsApp groups, Padlets and Lumen5 are widely used.

- Each classroom is equipped with LCD projector and high-speed internet connection. Teachers use these facilities with provision of smart board in one classroom for effective course delivery.
- Teachers conducted lectures with the help of tools like Google Meet and Zoom during the COVID-19 Pandemic.
- Study materials are offered in the PowerPoint slides with notes (PDF format).
- Access is available to various online library softwares and tools available in library. They can
  utilize J-gate for online journals, NIPA access and Astral e-books, ICAR e-courses, NDLI,
  SWAYAM tools.
- The college promotes training programs related to ICT utilization.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

### 2.4 Teacher Profile and Quality

#### 2.4.1

#### Percentage of full-time teachers against sanctioned posts during the last five years

Response: 85.27

#### 2.4.1.1 Number of sanctioned posts year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
26	27	27	25	24

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

#### 2.4.2

Percentage of full time teachers with NET/SET/SLET/Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 55.45

# 2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
12	12	12	13	12

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	<u>View Document</u>
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awareded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

#### 2.5 Evaluation Process and Reforms

#### 2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

#### **Response:**

- The college has developed a comprehensive mechanism for conducting internal and external assessment as per norms and guidelines provided by Mahatma Phule Krishi Vidyapeeth, *Rahuri*.
- To maintain regularity in conducting internal and external assessment as per the academic calendar the college has appointed Examination In-charge.
- The Examination In-charge prepares the schedule of examination with the help of college examination committee.
- It is communicated to students through notice board, WhatsApp groups and announced in each classroom at the beginning of every academic year.
- The parameters of internal practical evaluation include attendance, assignments, seminars, viva-

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voce etc.

- The parameters of internal theory evaluation include mid semester examination. It is conducted approximately half the course content is completed or as per the academic Calendar.
- The internal exam question papers are prepared as per the guidelines provided by the university.
- After the internal evaluation marks are displayed on notice boards. In case of any issue, students approach the concerned teacher and the issues are resolved at department level.
- Marks of internal evaluation are submitted to Examination In-charge and then to the university through result management software.
- The internal assessment of skilled based courses like NSS and Physical Education are conducted as per the guidelines of the university.
- The Semester end practical examination conducted at the college level under the supervision of External Examiner from the faculty/ college other than the college where the examination is being conducted.
- The semester end theory examination schedule is prepared and conducted by the Maharashtra Agricultural Universities Examination Board, Pune.
- The Semester End Theory examinations conducted on a common schedule and supervised by Junior Supervisor, Senior Supervisor, Examination In-charge and Principal.
- The college implements mechanism of internal squad to prevent malpractices in examination.
- To maintain transparency & security in the examination system, a separate examination room has been set up in the college & it is under 24 Hrs. CCTV control.
- Semester end theory answer books are assessed at centralized assessment programme(CAP) as per guidelines of university.
- Those students registered for student READY programs in 7th and 8th semester but have backlogs (F Grade) for any two subjects from 5th or 6thsemester will be eligible for Compartment examination, conducted within one month of the declaration of the result of the regular 6thsemester.
- Grievances related to the external examinations are forwarded to the University.
- Students can request the Registrar within ten days of the result announcement to scrutinize their marks for Rs. 100 per course. They can also obtain a photocopy of their evaluated answer sheet for Rs. 300. If there are any changes in grades, the Registrar will notify the student and the Principal.
- The weightage for examinations and records in a semester is as -

**Theory:** Mid-semester exam 20%, Semester-end exam 80%.

**Practical:** Class work record 20%, Semester-end exam 80%.

Viva-voce, if conducted during the practical exam, cannot exceed 10% of the total practical exam marks.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

#### 2.6 Student Performance and Learning Outcomes

#### 2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

#### **Response:**

The K. K. Wagh College of Agriculture, affiliated to Mahatma Phule Krishi Vidyapeeth, Rahuri, adheres strictly to the curriculum and academic calendar provided by the university. The curriculum for each programme is designed to specify both Programme Outcomes (POs) and Course Outcomes (COs). These outcomes are integral to the college's vision and mission, ensuring that the educational goals align with the broader objectives of the college.

The learning outcomes, include both POs and COs are prominently displayed on the college notice board and website, making them accessible to all stakeholders. This transparency ensures that students, staff and stakeholders are aware of the educational targets set by the college. At the college level, these outcomes are precisely defined and are shared with the staff during staff meetings. This practice ensures that all teaching staff are aligned with the expected outcomes and can integrate these goals into their teaching methods.

For students, the awareness of POs and COs begins during the induction program, which is conducted annually immediately after the admissions process concludes. This early introduction ensures that students understand the educational objectives and expectations from the onset of their academic journey. Additionally, subject teachers reinforce these outcomes by discussing them during classroom lectures, further embedding them during the students learning experience.

Upon completing the programme, students have various avenues for their career like higher study, employment through T & P section of the college or at their own. Some students chose the path of the entrepreneurship or join their family business. Additionally, some students focus on preparing for competitive exams like UPSC, MPSC, banking studies etc.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

#### 2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

**Response:** 

The college has adopted Quantitative method of COs and POs attainment which includes final year result based analysis and programme exit survey .To determine the attainment of course outcomes (COs), the college utilizes both direct and indirect measures. Direct attainment is based on the total marks obtained by students in internal assessments and university examinations. A 65% threshold value has been established for all courses to assess COs attainment. Direct attainment carries a weightage of 70%, ensuring a comprehensive evaluation of COs achievement. Indirect attainment, calculated through a programme exit survey involving responses from Alumni, Agriculture industry person and Agriculture graduates, contributes 30% to the overall assessment.

#### **Mechanism for CO&PO:**

- **1. Marks Classification:** Under the mechanism decided by the college, the marks are classified into two categories *i.e.* Internal & External (University Examination) and course wise marks entries are made.
- **2. Determination of Threshold Value**: Marks of internal and external examination of all students are entered in the excel sheet, then after the consideration of marks of all students for respective courses have been calculated on the basis threshold value. The threshold value is decided consensually 65% as passing is 50%. The threshold value is the base value upon which marks are to be considered for the further calculation of course attainment.
- **3.** Attainment Level Calculation of CO: The course attainment has been assessed based on students' internal and external marks. Outcomes score are classified into three categories: 1 for low attainment, 2 for medium attainment and 3 for high attainment. This framework helps in evaluating and enhancing the effectiveness of the courses in achieving their intended goals.
- **4. Programme Exit Survey:** The college conducted a programme exit survey for attainment of POs. The programme exit surveys were filled by alumni, agriculture industry person and agriculture graduates. Under the programme exit survey 'Likert Rating scale' based questions were asked to the respondents. On the basis of responses collected, the Programme Outcome was calculated. A questionnaire of five predefined questions was prepared and responses from all Stakeholders were recorded in the context of 'Likert Rating Scale' on 10 Scale basis.
- **5. Attainment Calculation of POs:** Based on responses gathered from alumni, agriculture industry professionals, and agriculture graduates on the response sheet, the attainment of Programme Outcomes (POs) has been assessed. POs achieving a score of 1 are categorized as low programme attainment, those scoring 2 are considered medium programme attainment and those scoring 3 are classified as high programme attainment. This evaluation helps in understanding and improving the achievement of POs within the agricultural education program.
- **6. Final Attainment of COs & POs:** After calculating the course outcomes and programme outcomes, decisions are made based on the attainment level, where a score of 1 indicates low attainment, 2 indicates medium attainment and 3 indicates high attainment for the respective course and programme.

File Description	Document	
Upload Additional information	<u>View Document</u>	
Provide Link for Additional information	View Document	

#### 2.6.3

Pass percentage of Students during last five years (excluding backlog students)

**Response:** 99.53

# 2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
121	129	155	109	123

# 2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
123	129	156	109	123

File Description	Document
Institutional data in the prescribed format	<u>View Document</u>
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

### 2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process		
Response: 3.63		
File Description	Document	
Upload database of all students on roll as per data template	View Document	

## Criterion 3 - Research, Innovations and Extension

## 3.1 Resource Mobilization for Research

## 3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

**Response:** 3.24

## 3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
0.54	0.30	1.20	0.60	0.60

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	<u>View Document</u>

## 3.2 Innovation Ecosystem

#### 3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

## **Response:**

K. K. Wagh College of Agriculture, Nashik provides quality education to students to create ecosystem for innovation and Indian knowledge system.

The college has established a Research Cell, Intellectual Property Rights cell (IPR) and Entrepreneurship Development Cell (EDP) to develop research-culture. These cells organized seminars/workshop and interactive sessions of successful entrepreneurs, to promote specialized knowledge in the fields of Agriculture. Over the past five years, 10 workshops on Research Methodology, 27 workshops on Entrepreneurship Development Programmes and 5 workshops on Intellectual Property Rights (IPR) were organized.

The college has currently 7 staff members are Ph. D. & NET and 05 are ASRB NET qualified. Staff members were published 13 research papers in various NAAS rated National and International reputed

journals and 12 abstracts in National / International conference and proceedings. Furthermore, one design Patent was granted to Dr. S. S. Bornare. Staff members are financially supported to attend Seminars, Conferences, Workshops and Webinars. Staff members have 16 lifetime memberships in professional societies like Indian Research Journal of Extension Education, Agra, Society of Biotechnology and Bio informatics etc.

The college has organized Orientation programme: 'AAVISHKAR' for research project preparation in order to inculcate research environment amongst students. In all 7 students participated and presented their research projects in 'AAVISHKAR' research project competitions and 3 students were selected at University Level.

Interdisciplinary activities are also promoted and staff members are encouraged to take activities, like "Geranium Cultivation, Extraction, Application and Marketing; A Multidisciplinary R & D Project" of our college with department of Chemical Engineering and Pharmacy college.

## **Indian Knowledge System (IKS):**

Under the IKS initiative, the college has organized a variety of activities highlighting the contributions of ancient Indians in agriculture, science and philosophy. Various activities *viz.*, Krishi Din (Agriculture Day), Agriculture Education Day, Commemorating of Birth and Death the national heroes on their Birth and death anniversaries, *Marathi Bhasha Din, Vachan Prerana Din*, Constitution Day, Yoga Day, *Bail Pola* and *Navaratri* are being enthusiastically observed.

## Initiatives for creation and transfer of knowledge

### 1. Faculty Development Programme:

Faculty members attended 41 Training/Webinar/Seminar/National and International Conference etc.

## 2. MoUs:

The college has established an ecosystem aligned with current trends to facilitate knowledge transfer and collaboration through functional MoUs for sharing knowledge with stakeholders, and promoting research and academic activities. Knowledge transfer at the institutional level involves active engagement and collaboration among faculties, external industries, and agencies worldwide. To strengthen bond with industries, the college has signed multiple MoUs with companies like Om Gayatri Nursury, Agri Search India Pvt. Ltd., Sonkul Agro Industries Pvt. Ltd., Dattavandan Agro Biotech, Poorva Chemtech Pvt. Ltd., Monsoon Crop Science LLP, Green Zone Agrochem Pvt. Ltd. etc. These MoUs facilitate industrial visits and internships for students, providing practical exposure and learning opportunities.

## 3. Career Counseling:

The college has Career Academy dedicated for providing guidance for competitive examinations. This initiative is exceptionally beneficial and empowers students to achieve success and secure positions in prestigious exams like MPSC, UPSC, IBPS, and others. A total of 24 career guidance lectures were conducted.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

### 3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

## Response: 41

# 3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
6	7	12	9	7

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	<u>View Document</u>

## 3.3 Research Publications and Awards

### 3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.28

## 3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
1	2	3	3	2

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	<u>View Document</u>
Provide Links for any other relevant document to support the claim (if any)	View Document

## 3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years

**Response:** 0.03

## 3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
0	0	0	0	1

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	<u>View Document</u>
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

## **Response:**

## **National Service Scheme (NSS)**

NSS at our institution has been actively engaging students in various impactful activities throughout the year. We have celebrated significant days such as National Youth Day and Constitution Day with enthusiasm, organizing seminars, debates, and awareness sessions to highlight their importance. Additionally, the NSS conducted a Cleaning Campaign in our campus and nearby areas emphasizing cleanliness and environmental stewardship. This initiative not only added value to our surroundings but also instilled a sense of responsibility among participants. Furthermore, tree plantation drives is a regular programme of our NSS activities, contributing to environmental sustainability and biodiversity conservation. These efforts align with our commitment to creating a greener campus and a healthier environment for all. Various competitions including debates, quizzes and cultural events have been organized under NSS auspices, fostering creativity, teamwork and leadership skills among students.

Overall, the NSS activities have successfully combined social responsibility with personal development, making a positive impact on our institution and community at large.

Additionally, staff members have delivered regular radio talks, expert lectures and published popular articles in various newspapers and magazines. These efforts aim to raise awareness among farmers about new technologies.

Organization of the 'Shetkari Melava' by college significantly enhances agricultural practices in the region, promoting knowledge enrichment and practical skills that empower farmers towards sustainable growth and prosperity. In all 28 Shetkari Melava and 01 Farmers School were organized.

## Rural Awareness Work Experience (RAWE)

The Rural Awareness Work Experience program aims (RAWE) to engage final year students in reaching out to the farming community. This initiative targets farmer's concerns including soil health, handling post-harvest losses, proper pesticide management, effective plant protection measures, and promoting scientifically sound crop production practices.

The students have made away the farmers various methods of demonstrations for disseminating improved technologies for their development.

- Useful apps in agriculture for farmers Integrated Weed Management in Major Crops like Bharat Agri, Agro Star etc.
- Fodder Treatment, Seed Treatment etc.
- Value Addition through Oil Extraction,
- Soil Sample Collection,
- Preparation and Application of Neem Seed Extract,
- Group Discussion on IPDM technology etc.

The students serve as mediator and mass instrumental by transfer of technology to farmers, thereby

improving their socio-economic status. This initiative aims to improve their livelihood.

Through RAWE, farmers gain exposure to new technologies, tools and equipment introduced by students. This exposure encourages the adoption of efficient and sustainable farming practices within the local farming community. The RAWE program plays a crucial role in agricultural education by bridging the gap between academic learning and practical application. It promotes mutual learning and respect between students and farmers while advocating for sustainable agricultural practices.

The extension activities and outreach programmes carried out by the college in neighbourhood community have created positive impact on the overall development of students and farmers. It has created awareness about sense of cooperation among students.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

#### 3.4.2

## Awards and recognitions received for extension activities from government / government recognised bodies

#### **Response:**

The college has been actively engaged in a variety of extension activities, earning recognition from both governmental and non-governmental bodies. The college has received an award for its outstanding contribution to Agriculture Education and Extension activities. Additionally, staff members have been commended by several agencies for their significant involvement in these initiatives. Furthermore, students have been honored with various awards for their exemplary participation in extension activities.

The college has been honored for organizing a blood donation camp, receiving appreciation from MVP Hospital, Nashik and Nashik Blood Bank. Additionally, the college actively participated in an Ecofriendly Ganesha Idol making workshop organized by local NGOs "SPINACH" and "SMILE" where students demonstrated remarkable skill in crafting beautiful idols. Furthermore, the Grampanchayat of villages where NSS camps were conducted expressed their appreciation by presenting certificates to the college for their outstanding contributions.

## Recognition from various Government/ Non-Government institutions include

- Our college was honored at the hands of Hon. Dadaji Bhuse, Guardian Minister of Nashik for contribution to agriculture education and extension at Krishithon-2023- An International Agriculture Trade Fair and Exhibition on November 23, 2023. Additionally, the college received an appreciation certificate from Grampanchayat, Pimpri.
- Dr. K. D. More was awarded the 2nd Prize at the National Conference on "Smart & Sustainable Dairy Farming" held at the College of Agriculture, Pune. He was also acknowledged and honored

by the *Swayam Shakti* organization for delivering a lecture on Milk and Milk Products Manufacturing on May 23, 2023.

- Dr. P. R. Brahmne, received Krishithon- Innovative Scientist Award -2023.
- Ms. Nayan Chaudhari was honored as an Excellent Agri Student Award during Krishithon-2023. Mr. Pratham Davange excelled by winning the Best Volunteer Award and securing first prizes in Elocution, Impromptu Speaking, and Poem Recitation. Mr. Sangharsh Pawar achieved second place in Poem Recitation and third place in Elocution. Ms. Ruchi Kharat won third prize in the Cultural Programme, Mr. Shreyas Bankar topped the Essay Writing while Mr. Jay Deore earned second prize in Essay Writing category at the State Level Workshop organized by the NSS unit of the Higher and Technical Education Department, Mumbai, SPPU, and KSKW College, Cidco, Nashik.
- Dr. S. S. Bornare received the Innovative Scientist Award, Ms. P. B. Pawar was honored with the Outstanding Extension Work Award and Mr. H. N. Patil received the Progressive Goat Farming Award at Krishithon 2022.
- Mr. T. B. Ugale has been recognized for his outstanding contributions to agriculture with several prestigious awards. He received the Ideal Scientist Award from Weekly *Krishisevak*, Jalgaon, on February 20, 2022, at Raver, Dist. Jalgaon. In 2021, he was honored with the *Krushi Prerana Purskar* by *Agrocare Krushi Manch*, Nashik, for his significant contributions to agriculture education, research and extension. Additionally, in 2019, he was awarded the *Krishithon Sanman* for his work in agriculture extension.
- Ms. Preeti Jawale was awarded as an Excellent Agri. Student during Krishithon-2022, while Mr. Sanket Kawale was felicitated during Krishithon-2019.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

### 3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

## **Response:** 47

# 3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
12	18	6	2	9

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 3.5 Collaboration

## 3.5.1

Number of functional MoUs/linkages with institutions/industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

**Response:** 29

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activitywise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## **Criterion 4 - Infrastructure and Learning Resources**

## 4.1 Physical Facilities

#### 4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching learning, viz., classrooms, laboratories, computing equipment etc
- ICT enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

## **Response:**

The college has adequate infrastructure and physical facilities for efficient conduct of teaching-learning and other activities.

#### **Infrastructure:**

The college spans 3346.15 square meters and includes a playground covering 11780 square meters. Facilities on site include a security cabin, canteen, gymnasium, cultural stage, museum, generator panel, washrooms, water tank etc.

Inside the building, there are well-equipped classrooms, laboratories, computing facilities, a ladies room, offices for placement, accounts and exams. Other amenities include an auditorium, library, reading hall, storage rooms, an elevator and ramps for Differently Abled students.

The college boasts 4 ICT-enabled classrooms and 7 LCD projectors, along with 1 interactive flat panel board. Internet connectivity ranges from 200 Mbps with unlimited access. Currently, the college is equipped with 62 computers, 2 laptops, 2 scanners, 2 photocopy machines and 11 laser printers.

## Library:

The library is spacious and well-ventilated, housing a comprehensive collection that includes 4,541 text and 4,324 reference books along with 16 magazines, 7 journals, and 5 newspapers. It features a reading hall capable of accommodating 150 users comfortably. The library is equipped with open-source software like KOHA for library management, a User Tracking System (UTS) and access to electronic resources. Additionally, there are 32 computers available with internet access, enhancing research and study opportunities for students and staff alike.

### **Laboratories:**

The college features 22 well-equipped laboratories designed for effective practical sessions across all courses. Additionally, there is a dedicated Language Lab facility located within the department of computer science.

## **Cultural Activities:**

Students are actively encouraged to engage in diverse cultural activities such as dance, drama, singing,

and celebration days. A dedicated cultural committee and cultural club has been established to foster student participation in inter-collegiate and university-level competitions. Every year an annual social gathering is organized, this platform is for showcasing their talents in various cultural events.

## **Sports:**

The college offers outstanding sports facilities through its Physical Education and Sports section, which organizes diverse activities to enhance students physical and mental well-being while alleviating stress. The playground spans over 11780 square meters and includes a fitness zone.

#### **Indoor Games:**

The college has indoor game facilities like Carom, Badminton, Chess and Table Tennis.

### **Outdoor Games:**

The college offers outdoor facilities including spacious play grounds for basketball, football, kabaddi, *kho-kho*, volleyball, cricket & running track. Necessary sports equipment is provided to support participation in these games.

## **Gymnasium:**

Gymnasium and green gym facilities are available at college campus.

## **Yoga Center:**

Yoga center facility is available for staff and students and International Yoga Day is celebrated every year at college.

## **Other Facilities:**

- Centralized water purifier and cooling systems is available.
- Fire Fighting System and 19 fire extinguishers.
- Separate parking for students & staff.
- Medical facility available for students & staff.
- Solar system has been installed.

File Description	Document	
Upload Additional information	View Document	
Provide Link for Additional information	View Document	

#### 4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

## Response: 43.25

## 4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
188.37	211.73	119.46	101.31	92.30

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 4.2 Library as a Learning Resource

## 4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

### **Response:**

The college features a Central Library, officially named Dr. Jagdish Chandra Bose Library. The library is housed in a two-storied building, occupying both the ground floor and the basement. The library features a well-ventilated reading room with a capacity of 150 students, covering an area of 382.51 square meters. This space includes sections for references, periodicals and newspapers. The library includes a spacious stack room covering an area of 382.51 square meters. This area encompasses the circulation counter, a section for new arrivals, a digital e-library, photocopy and scanning facilities & tables for the library staff. The library offers a conducive study environment for both students & faculty. It is open from 9:30 am to 7:00 pm, six days a week.

The library operates efficiently with an ILMS known as Library Manager & KOHA software, providing a powerful search engine for accessing library resources. This system facilitates tasks such as data entry, book borrowing, return, renewal and member logins seamlessly through software. User Tracker System (UTS) is available in the library for students & faculty to maintain a record of their entry.

The Library co-ordination Committee convenes regularly to review library automation and book

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procurement activities. Barcode readers and software streamline daily transactions, ensuring speed and accuracy. An Online Public Access Catalogue (OPAC) system enables users to search and access library resources based on criteria such as accession number, title, author, subject, and publisher.

Our website acts as the gateway to the library, offering remote access to library resources through the OPAC system via the internet. You can access it at . The library is equipped with 38 computers, featuring high-speed internet at 200 Mbps, distributed as follows: 32 computers for the e-library, 1 PC for each - OPAC, UTS, ERP I-card, and 3 for Library Administration Work. Uninterruptible Power Supply ensures continuous electricity backup & Wi-Fi is available throughout the library. Library is under surveillance of CCTV cameras.

The college has subscription of the following e-resources.

- 1.e-journals
- 2. NIPA- 43e-books
- 3. Astral-23 e-books
- 4. National Digital Library of India (NDLI)
- 5.SWAYAM
- 6.E courses ICAR
- 7. Shodhganga
- 8. Shodhsindhu
- 9.11 e-resources on sharing basis

College Library is subscribed J-gate Agriculture & Biological Sciences online journals, offering students and staff access to over 6,000 e-journals, 66 e-books from NIPA & Astral, and 600,000 e-books through NDLI.

The library plays significant role in enhancing the quality of academic & research environment. Library featuring collections of academic books 8865 (4541 text & 4324 reference books), magazines (15), Journals (08) and newspapers (05) to fulfill the need of students & faculty. The library arranges orientation program, J-gate training session, Marathi Bhasha & Vachan Prerna Din for students.

## Library usage

Library facilities are used by both students and staff, as evidenced with an average daily footfall of 32 people.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

## 4.3 IT Infrastructure

4.3.1

## Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

## **Response:**

The college maintains a system for enhancing and expanding its infrastructure, particularly in Information Technology (IT). An annual budget is allocated for the upkeep of facilities, ensuring continuous IT support. Technical staff oversees hardware maintenance and fulfill ongoing IT requirements. The college is equipped with 62 computer systems and 2 laptops, all safeguarded by Quick Heal antivirus software. Additionally, there are 7 LCD projectors, 3 high-resolution scanners, 11 printers, 1 interactive flat panel board, 2 photocopy machines, 2 digital notice boards, a well-established college website, and various software applications. Regular upgrades are conducted to enhance the functionality and efficiency of these facilities.

**Internet Up gradation:** The college has updated the internet connection bandwidth IPS Billing Plan with speed up to 200Mbps. There is also campus Wi-Fi facility with 6 Access Points and 4 Routers.

**Smart board:** The college has 4 ICT enabled classroom of which 1 is equipped with interactive flat panel board. They are used to enhance learning capabilities of the students.

LAN connectivity: All classrooms, laboratories and administrative offices are connected with LAN.

Computer Systems: There are 62 computers and a language lab having internet facility in the college. All the sections are provided with the required number of computers with internet connection. Upgradation of computers is carried out from time to time as per requirement such as changes in syllabus, introduction of new practical courses, introduction of new technology and student strength. Students and staff can avail of Wi-Fi connection for their laptops, tablets and smart phones, which can be accessed from anywhere in the campus. e- library facility is provided for students as well as staff.

**Software:** The college utilizes a variety of software applications including Tally, Language Lab Software, Zoom Software, License MS Office software, Shree Lipi Software, and Quick Heal Antivirus. Additionally, it employs an ERP software with modules for Online Admission, Time-Table Management, Teaching Plans, Attendance Tracking etc. Staff attendance and leave records are managed through a biometric facility, ensuring efficient administration and record-keeping.

**CCTV facility:** The college campus equipped with 33 CCTV cameras for surveillance at prominent places.

**Use of ICT:** The college provide online platforms to update the knowledge of students and staff. ICT tools such as Google classroom, Google quizzes /forms, WhatsApp and YouTube channels are utilized by staff members to share study materials. They also conduct online lectures using Zoom and Google Meet platforms.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

## 4.3.2

**Student – Computer ratio (Data for the latest completed academic year)** 

**Response:** 13.2

## 4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 35

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 4.4 Maintenance of Campus Infrastructure

## 4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

## **Response:** 4.3

## 4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
19.70	12.29	29.31	2.86	6.76

File Description	Document
Institutional data in the prescribed format	<u>View Document</u>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## **Criterion 5 - Student Support and Progression**

## **5.1 Student Support**

## 5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 75.94

# 5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
329	379	423	403	388

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	View Document
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	View Document
Upload policy document of the HEI for award of scholarship and freeships.	<u>View Document</u>
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills
- 2. Language and communication skills
- 3. Life skills (Yoga, physical fitness, health and hygiene)
- 4.ICT/computing skills

**Response:** A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 71.24

## 5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
399	476	347	483	98

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

## 5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1. Implementation of guidelines of statutory/regulatory bodies
- 2. Organisation wide awareness and undertakings on policies with zero tolerance
- 3. Mechanisms for submission of online/offline students' grievances
- 4. Timely redressal of the grievances through appropriate committees

**Response:** A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## **5.2 Student Progression**

## 5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

**Response:** 30.14

## 5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
20	35	52	45	40

## 5.2.1.2 Number of outgoing students year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
121	129	155	109	123

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 5.2.2

Percentage of students qualifying in state/national/international level examinations during the last five years

Response: 28.04

# 5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2023-24	2022-23	2021-22	2020-21	2019-20
55	17	18	9	14

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	<u>View Document</u>
Provide Links for any other relevant document to support the claim (if any)	View Document

## 5.3 Student Participation and Activities

## 5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

## **Response:** 5

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
4	0	0	0	1

File Description	Document
Upload supporting document	View Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

### 5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

## Response: 4.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
7	5	4	00	6

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

## 5.4 Alumni Engagement

## 5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

## **Response:**

The college has registered alumni association that offers support services and makes a substantial contribution to the various activities. The alumni association is registered with Reg. number Nashik/0000341/2024, dated: 31/05/2024. The registration certificate and other relevant data of alumni association are hosted on the college website. The Principal and staff members often interact with the alumni regarding development of the college. The alumni actively participate in academic, co-curricular and extracurricular activities. Alumni volunteer their time and expertise by participating in alumni meet, events like induction programme, entrepreneurship development programme, expert lectures etc. This volunteer activity contributes to the overall development and cohesion of the college community.

Prior to the registration of the alumni association, two meetings were held focusing on its composition. The college seeks both financial and non-financial contributions from alumni, who are employed across diverse fields such as social work, business, industry, government and academia. Our alumni network, which has succeeded through competitive examinations, is always ready to assist current students through their active involvement in career counseling, competitive exam preparation and entrepreneurship development. Alumni interact with students about recent advancements in their fields of interest. These activities help to improve knowledge, skills and experiences for career selection of students.

An alumnus helps the current students to make them ready for industry through internships. The college organizes alumni meet regularly which provide valuable networking opportunities for current students and fellow alumni. They often serve as mentors, offering guidance and advice based on their own experiences in the college and in their careers through social media network. The college signed 5 MoUs with alumni for mutual benefit with technology transfer.

College having 'Almashine' portal for alumni to get connected with all passed out students which helps current students and recent graduates to find internships, job placements, and career advancement opportunities. Currently 749 registrations are with Almashine portal can be accessed via <a href="https://tinyurl.com/m7xdjbaz">https://tinyurl.com/m7xdjbaz</a> which gives a good platform for all alumni. They may also serve as references or provide recommendations for employment.

## **Impact:**

Our alumni are integral stakeholders for the continuous development and success of colleges, contributing through their valuable knowledge, networks, support and dedication to their alma mater's growth and reputation.

File Description		Document
Upload Additional information		View Document
Provide Link for Additional information		View Document

## Criterion 6 - Governance, Leadership and Management

## 6.1 Institutional Vision and Leadership

## 6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

## **Response:**

K. K. Wagh College of Agriculture was established in the academic year 2005-06 with an intake of 96 later increased to 120 seats from the academic year 2008-09. The college is affiliated to Mahatma Phule Krishi Vidyapeeth, Rahuri.

## A. Vision & Mission

#### Vision

Excellence in Agriculture Education for Sustainable Agriculture Development.

### **Mission**

- 1) To produce agricultural graduates with high knowledge and competence by imparting practical technical education.
- 2) To provide the opportunities of experiential learning environment for helping the students to be an entrepreneur for the growth engine of the society.
- 3) To create and cultivate valuable manpower for sustainable development in agriculture practices, industry and contribution to the society.

As part of our holistic education approach, the college places emphasis on practical exposure. College organize various activities, including expert lectures, field visits, experiential learning programs, entrepreneurship development programs, agro-industrial attachments, live crop demonstration programs etc. These initiatives are designed to provide students with hands-on experience and real-world insights, preparing them for successful careers in the agricultural sector.

## **B.** Decentralization process:

The management is highly supportive, modern and proactive in framing policies, creating infrastructure and establishing collaborations and tie-ups to ensure effective governance in line with the college's vision and mission. The management is overseen by a primary committee known as the Governing Body. The Governing Body role is to establish the policies for the smooth functioning of the college and to provide direction for effective implementation. The coordinator serves as the strategic team leader of the college, playing a crucial role in fostering a positive work environment that is innovative and responsive

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to all stakeholders.

The Principal oversees both academic and administrative activities at the college. To ensure smooth and efficient communication in academics, administration and development, various committees are formed *viz.*, Women Grievances Committee, Anti-ragging committee and Squad, SC/ST Cell and Student Grievance Redressal Committee, Student Council and other committees like Academic, Admission, Examination, Library, Research & Development, Training and Placement, National Service Scheme, Cultural, Agriculture Farm Development, Extension Activity, IPR etc.

At the start of each year, the Academic Incharge prepares the academic calendar. This calendar outlines important dates such as the commencement and end of terms, exam schedules, holiday, and other key events, ensuring that both students and staff are aligned and informed. In accordance with this calendar, the staff also prepares teaching plans as part of the teaching learning.

## C. The perspective plan

The perspective plan developed by the academic and administrative committee and approved by the principal, serves as a guide for implementing academic activities. Concurrently, the action plan outlines specific goals and initiatives for the year, including curriculum updates, special projects and strategies to enhance educational outcomes.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

## **6.2 Strategy Development and Deployment**

### 6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

## **Response:**

## A. Perspective plan

The college attempts to go ahead with strategic perspective/ development plan helping as a roadmap for the overall development. Perspective plan for the period 2023-28 includes developments activities like ICAR Accreditation, Training & Placement, Industry Attachment, Live Crop Demonstration, *Shetakari Melaya* and facilities etc.

## **B.** Administrative Setup

The college is affiliated to MPKV, Rahuri and is governed by K. K. Wagh Education Society. The college has three-tier system for the effective and efficient functioning of institutional bodies as visible from policies. At K. K. Wagh Education Society level there are Chairman and Secretary. At college level, there is Governing Body. The Principal is at the helm of the internal administration and is assisted by staff at college level.

**Top Management**: The K. K. Wagh Education society was established in 1970. The quality policy of the management aims to perceive global standards of excellence in teaching, extension, research and financial support for infrastructure development.

**Governing Body**: This committee is formed under the guidance of Board of Directors. It provides motivation and suggestions for the academic up gradation.

**Coordinator**: The Coordinator plays an important role in the development of a positive work environment.

**The Principal:** The Principal is the strategic team leader of academic and administrative who plays a key role in the implementation of quality policy and successful operations. Principal motivates staff members towards research, social commitment and student progression leading to the overall development of the college. The Principal executes different plans approved by governing body.

**Internal Quality Assurance Cell (IQAC):** IQAC plays a key role in building the quality of the institutional workforce through guiding all the committees from time to time.

**Assistant Registrar:** An Assistant Registrar is a key administrative role within college that require meticulous record-keeping and administrative oversight.

**Teaching staff**: The quality of the academic staff is decisive for institutional standards. They disseminate and impart basic or applied knowledge to students and assist with the learning process. They also provide mentoring to the students related to academic and non-academic matters.

**Non-Teaching Staff**: All non-teaching staff allotted various committees through which they carry the smooth functioning of the college. The accountant is responsible for handling all the matters related to finance. Librarian looks after issues and acceptance of books in library.

**Student Leadership:** All the activities in the institution such as conduction of seminars, workshops and celebrations of forums are planned and executed by the various student committees.

## C. Appointment & Service Rule:

As per norms and guidelines of university, recruitment is done by management through elaborate procedure of advertising, getting selection committee, issuing appointment orders.

Every staff has to abide all the conditions stated and may be stipulated from time to time by the competent authority. The service conditions such as payment, leaves are governed as per university and management rules. Attendance of staff in college, various leaves including study leave are given as per the policy of the management.

File Description	Document
Upload Additional information	<u>View Document</u>
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

## 6.2.2

## Institution implements e-governance in its operations

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## **6.3 Faculty Empowerment Strategies**

## 6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

## **Response:**

Commitment of the college to the well-being and professional growth of its staff is reflected in its performance appraisal systems, effective welfare measures, and career development opportunities.

A. Performance Appraisal System: The college has implemented a performance-based appraisal

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system to evaluate its staff. The self-appraisal reports of regular staff are collected and scrutinized by the Principal at the end of every academic year. The Principal provides suggestions to staff members for further improvement. Likewise, the college also evaluates the performance of Ad-hoc staff through personal interview and collecting self-appraisal report as per guidelines of K.K.Wagh Education Society.

- **B.** Effective Welfare Measures: Welfare initiatives are taken by the college to ensure the well-being of its staff, covering aspects like health, safety and work-life balance. The following welfare schemes are available in the college for teaching and non-teaching staff:
- **a.** Leave Facility: The college gives the employees following types of leave.
- 1. On Duty Leave: OD leave is provided for participation in Seminar, Conference, Workshop/ Training, FDP Programs and for university work such as paper setting, paper evaluation, external supervisor & examiner etc.
- 2. Medical Leave: ML is provided to regular staff in case of illness.
- 3. Maternity Leave: Regular women employees can avail maternity leave up to three months.
- 4. Earned Leave: EL is utilized continued for 4 days.
- 5. Casual Leave: All teaching and non-teaching staff can avail minimum 8 casual leaves per year.

## **b. Financial Support**

- 1) Loan facility: For regular employees up to Rs.7 lakhs as a term.
- i) K.K. Wagh Engineering and Polytechnic Employee Co-operative Society Ltd. Nashik.
- ii) Karmveer Kakasaheb Wagh Co-Operative Society, Bhausaheb Nagar.
- 2) Employees Provident Fund (EPF): College provides EPF facility for all staffs.
- 3) **Gratuity:** After the completion of 5 years of service, regular staff is eligible for gratuity as per rules.
- **4) EL Encashment:** Regular employees who are eligible for EL encashment are given a cheque in exchange of EL.
- 5) Staff Activities expenses: The college provides financial support for participation in seminar, workshop and conferences etc.

### c. Medical Facility:

- K. K. Wagh Education Society has MoU with Apollo Hospital and Sushrut Hospital which covers all employees:
  - 15% discount of OPD consultation.
  - 10% discount on OPD Investigation

- 10% discount on In-Patient room rent
- 10% discount on In-Patient Investigation

The above benefits are available to all employees and their family members/dependents by providing Employee ID Number and I-Card to the concerned hospitals.

## d. Workman Compensation:

Policy provides compensation to the eligible employees due to accidental death or disability during on duty.

## e. Felicitation / Appreciation:

Staff members, who have qualified NET / Ph.D as well as achieved notable success in academics, extension, and research, are regularly recognized and honoured.

- **f.** Annual Increment: Annual increment has given regularly to the staff as per society norms.
- **C. Career Development:** The college often offers a range of opportunities for career development.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

## 6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 9.09

## 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
6	2	1	0	1

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	<u>View Document</u>
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 42.95

# 6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
10	15	11	65	36

## 6.3.3.2 Number of non-teaching staff year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
50	48	48	31	32

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## 6.4 Financial Management and Resource Mobilization

#### 6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

## **Response:**

The college is self-financed and run on permanently non-grant basis. Resource Mobilization Policy is implemented by college. This policy involves identifying and assessing resources to support program while also ensuring efficient budget allocation.

## A. Availability of funds:

- The Funds received from Indian Council of Agriculture Research (ICAR) for Advance Varietal Trial (AVT) of Wheat crop under project of Indian Institute of Wheat and Barley Research (IIWBR), Karnal, Haryana.
- The major sources of revenue generation are tuition and development fees collected from students. The appropriate fees are fixed, as per norms by Fee Regulating Authority (FRA) of Govt. of Maharashtra, for which online proposal is submitted by the college on the FRA portal within prescribed dates.
- Funds are also received from MPKV, Rahuri for NSS, *Indradhanushya* Elocution and Debate competition: 2023-24 and Intercollegiate Youth Festival: 2022-23 during last five years.
- Additional funds required are provided by K.K. Wagh Education Society for the augmentation of infrastructure and other expenditures.

## B. Mobilization and utilization of funds & resources:

Funds received from Government, University and other sources are properly utilized for the specific purpose. The following system is adopted by the college for mobilization and optimal utilization of

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resources.

- 1. The college invites requirements from all sections and accordingly prepares the budgetary plan.
- 2. The college purchase committee prepares the requirement by considering the financial resources and needs of the sections submitted to the Principal. The college budget is then prepared and presented in Governing Body meeting for recommending it to the management for approval.
- 3. Decisions are made in consultation with the Principal to ensure that the requirements stated in the budget are given proper justification. The Governing Body of the college is the final decision making authority for budgetary approval based on recommendations given by the Principal. A standard procedure is followed for procurement.

### C. Financial Audits:

The college regularly conducts internal and external financial audits.

**Internal Audit:** It is conducted by Finance Manager of the K. K. Wagh Education Society on continuous basis, if any issue, regarding financial transactions suggestions are given by him from time to time, which is followed for preparation of financial statements.

**External Audit:** It is conducted by the Charted Accountant appointed by K. K. Wagh Education Society. After completion of financial year the external audit is conducted and the audit report is submitted to the management.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

## 6.5 Internal Quality Assurance System

#### 6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

## **Response:**

**A.** Contribution of IQAC: Institute has constituted the IQAC in the year 2023-24. Earlier, the establishment of the IQAC, the academic activities of the institute was organized under the guidance of the Principal. It made following contributions in last 5 years:

- 1. Establishment of academic planning and monitoring committee
- 2. Staff meetings for planning and implementation.
- 3. Preparation of academic calendars, teaching plan, course completion certificates.
- 4. Preparation of e-content of theory and practical's based on curriculum by using ICT tools.
- 5. Organized expert lecture, field/educational visit,
- 6. Students assessment through seminar, assignments etc.
- 7. Value added / Certificate courses.
- 8. Soft skill development programme
- 9. Faculty deputation to workshops/training programme/seminars.

## **Impact:**

- 1. Effective planning, organization and successful execution of these activities, college is accredited with 'A' grade by MPKV, Rahuri.
- 2. Successful implementation of modern technology in the institute's administrative functioning through ICT, automation of admission, financial and examination processes, up-gradation of Wi Fi and LAN facilities have significantly contributed to enhancement of teaching-learning quality.

## **B.** Teaching learning process reviews:

**Methodology:** Principal and IQAC co-ordinator takes review of the teaching-learning process, through regular meetings and reviews with staff and the proper implementation of academic curriculum set at the commencement of academic year.

- 1. Preparation of academic calendar, time table, teaching plan (based on academic calendar) at the beginning of every academic year.
- 2. Induction program for newly admitted students.
- 3. Conduction of classes is regularly monitored by class co-ordinator.
- 4. Counseling system for improvement of teacher-student interaction.
- 5. Teaching and attendance records are maintained by staff.
- 6. Student feedback is taken in each semester and result analysis at the end of examinations.

## **Learning Outcomes reviews:**

- 1. Curriculum Review: The academic calendar and teaching plan are followed throughout the semester to ensure that, the content, teaching methods and assessment strategies are suitable for effective teaching and learning.
- 2. Teaching Effectiveness: Use of ICT tools; Power Point, animated videos etc. to improve teaching quality.
- 3. Assessment and Evaluation: Various methods are used to assess student performance, ensuring that these assessments are aligned with learning outcomes.
- 4. Feedback Mechanisms: Based on student's feedback, learning outcomes discussion for necessary actions suggested to concerned staff.

## C. Incremental improvements in various activities include:

1. Coordination of Experts and Guests: Enhanced arrangement and scheduling of experts, guest speakers and industry professionals to provide valuable insights and experiences.

- 2. **Effective Project Implementation**: Improved execution of projects to achieve tangible outcomes, coupled with the efficient use of ICT tools for teaching, learning, and evaluation.
- 3.**Soft Skill Development Programs**: Regularly organized programs focused on developing students' soft skills to better prepare them for professional and personal success.
- 4. **Balanced Focus on Co-Curricular and Extracurricular Activities**: Ensuring equal emphasis on both co-curricular and extracurricular activities to support the holistic development of students and faculty.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	<u>View Document</u>

## 6.5.2

## Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
- 2. Academic and Administrative Audit (AAA) and follow-up action taken
- **3.**Collaborative quality initiatives with other institution(s)
- 4. Participation in NIRF and other recognized rankings
- 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

## **Response:** A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

## **Criterion 7 - Institutional Values and Best Practices**

## 7.1 Institutional Values and Social Responsibilities

### 7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

## **Response:**

The college has made significant efforts in promoting gender equity and offering facilities for women on campus, as outlined below.

## 1. Gender Audit

Over 2019-20 to 2023-24, our college emphasized gender equity and sensitization. Girls participation averaged 19.18% in sports and 53% in NSS. Special events on women empowerment were organized, with average enrolment of girls 31.37% and over 40% in add-on courses. Women constitute 51.16% of teachers and 18.52% of non-teaching staff. Annual gender audits highlight our commitment to an inclusive and equitable environment.

## 2. Gender Equity and Sensitization in Curricular Activities

Agriculture degree program syllabus incorporates Gender Equity and Sensitization through dedicated courses and activities. These initiatives promote awareness and understanding of gender issues, fostering an inclusive and respectful campus environment.

## 3. Gender Equity and Sensitization in Co-Curricular Activities

Our college organizes co-curricular activities focused on Gender Equity and Sensitization. These include celebrating various days such as International Women's Day, conducting guest lectures by experts and hosting workshops. These activities aim to raise awareness, promote understanding and foster an inclusive environment for all students.

## 4. Safety and Security facilities for women

The college is committed to ensure the safety and security facilities for women. Several safety measures have been implemented like protection compound to restrict the strangers. CCTV cameras are strategically placed at key locations such as the entrance gate, administrative office, library, and corridors to enhance security. A security guard granting access only to students and wearing a uniform and ID card is mandatory for all students. Additionally, a suggestion box is provided for students to share their feedback.

The college also offers essential facilities including a first aid box, fire extinguishers, safe drinking water

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and designated parking areas for girls, boys and staff members.

The ladies room serves as a versatile space for relaxation, social interaction and informal learning. Similarly, the library features a dedicated separate reading hall designed to provide a quiet, comfortable and distraction-free environment, supporting a conducive learning experience and enhancing students academic engagement.

## 5. Safety and Security Activities

The college has established several committees, including Anti-Ragging, Student Grievance Redressal, Women's Grievance Redressal and Students Council to ensure a safe and supportive environment. Additionally, a personalized counseling system assigns each staff member as a counsellor for a group of students, addressing their academic, personal and career concerns.

In conclusion, promoting gender equity and sensitization in curricular and co-curricular activities, as well as providing adequate facilities for women on campus, are essential steps toward creating a more inclusive and supportive educational environment.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

#### 7.1.2

## The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures
- 2. Management of the various types of degradable and nondegradable waste
- 3. Water conservation
- 4. Green campus initiatives
- 5. Disabled-friendly, barrier free environment

**Response:** A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

#### 7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1. Green audit / Environment audit
- 2. Energy audit
- 3. Clean and green campus initiatives
- 4. Beyond the campus environmental promotion activities

**Response:** A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	<u>View Document</u>
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

#### 7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of

# students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

#### **Response:**

The college is committed to foster an inclusive environment that promotes tolerance, harmony and respect for cultural, regional, linguistic, communal and socio-economic diversities. These efforts are integral to creating a supportive atmosphere where every student and employee feels valued and respected.

#### A) Inclusive Environment:

Our institution embraces diversity as a cornerstone of its educational philosophy. Various initiatives and practices are implemented to ensure inclusivity across different dimensions.

**Cultural Sensitivity:** The college celebrate teacher's day, induction program, rally, oath, tree plantation, youth day, women's day, yoga day etc. Besides academic and cultural activities, good infrastructures have been built up for a variety of sports activities for the physical development of the students.

**Regional and Linguistic Harmony:** Language and regional diversity are respected and promoted through regional cultural days. This fosters mutual understanding and appreciation among students from different linguistic backgrounds. Expert lectures of eminent persons of the field are arranged for all-round development of the students. Aforesaid efforts make them responsible citizens following the national values of social and communal harmony and national integration.

#### **Communal and Socioeconomic Inclusion:**

#### **Accessible Education:**

The college has introduced a flexible tuition fees payment *i.e.* two installments to accommodate students who may not be able to pay the entire fee upfront.

#### **Inclusive Infrastructure:**

**Basic Amenities:** The college ensures that all students have access to essential amenities such as purified water, sanitation facilities, healthcare services, canteen, gymnasium and indoor & outdoor sport facility etc.

### **B) Sensitization towards Constitutional Obligations:**

Respecting constitutional values, rights, duties and responsibilities is essential for cultivating responsible citizenship. The following initiatives are undertaken by college to enhance constitutional literacy and promote civic engagement.

**Constitution Day Celebration:** Annually observed Constitution Day is observed which includes lectures focusing on the significance and values of the Indian Constitution, fundamental rights, directive principles and duties of citizens. This event encourages students and staff to reflect on their roles as responsible citizens.

**Integration of DEG Course:** The Democracy, Election, and Good Governance (DEG) course is an integral part of curriculum. It educates students about democratic processes, electoral systems, governance structures and ethical principles in public service. This interdisciplinary approach prepares students to participate actively in democratic processes and contribute positively to society.

**Ethics and Values Education**: Introduce a comprehensive course on Human Values and Ethics aimed at cultivating a deep understanding and appreciation of moral principles, ethical behaviour and social responsibility among students.

By prioritizing inclusivity and constitutional sensitization, the college aims to nurture a supportive and responsible community of learners. These efforts not only enrich the educational experience but also prepare students to become conscientious leaders and contributors to a diverse and democratic society.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

#### 7.2 Best Practices

#### 7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

#### **Response:**

#### **Best Practice - I**

- 1. **Title of the Practice:** Empowering local farmers through Soil Analysis and customized fertilizer recommendations: A student-led initiative
- 2. Objectives of the Practice
- To provide an accurate assessment of the soil fertility to dose of the fertilizer recommends.
- To increase an awareness about effects of fertilizer on environment.
- To determine zone of applicability of fertilizers or manure in the soil to increase the yield.

#### 1. The Context:

- Soil analysis is used to determine the level of nutrients found in a soil sample.
- Soil testing is helpful for farmers to increase the crop yield, selection of crop variety available moisture, soil fertility, crop adaptation to the area and the attack of diseases, insects and weeds.
- The soil analysis and its interpretation deal only with the fertility level (plant nutrients) of the soil
- Recommended fertilizer will provide sufficient nutrients for the best possible yields. Factors of

- production like climate, incidence of pest and diseases etc.generally causes low yield, even when nutrients are adequately provided.
- The broad motive is that no kind of fees is charged & services are available at their doorstep to save their precious time.

#### 1. **The Practice:** This practice includes.

- Final year RAWE students collect 100 soil samples annually from 10 villages (10 per village).
- Dry the samples in the shade on a clean paper sheet, breaking large lumps.
- Spread soil on a hard surface and powder it with a wooden mallet.
- Sieve the soil through a 2 mm sieve.
- Repeat the sieving and powdering process until only materials larger than 2 mm remain on the sieve.
- Collect the materials passing through the sieve and store them in a clean, labeled glass or plastic container or polythene bag for laboratory analysis.
- For organic matter determination, grind a representative subsample and sieve it through a 0.2 mm sieve.
- Handle samples for micronutrient analysis with care to avoid contamination; use stainless steel or polythene instead of brass sieves.
- Estimate moisture content before analysis to report results on a dry weight basis.
- Analyze soil parameters (pH, EC, OC, N, P, K, etc.) in the college laboratory under faculty guidance.
- Provide soil analysis reports and fertilizer recommendations to farmers.

#### 1. Evidence of Success:

- Each year, over 100 soil samples from farmers are tested and analyzed, indicating a robust and consistent engagement with soil quality evaluation.
- The practice has significantly raised awareness about soil quality among farmers, contributing to improved crop health and better farming outcomes.
- Recommendations derived from soil analyses have enabled farmers to reduce the excessive use of chemical fertilizers, thereby promoting more sustainable farming practices.
- Students gained practical skill in soil analysis, data interpretation and effective communication with farmer.
- Positive and constructive feedback from farmers has been instrumental in refining best practices. This ongoing input ensures that the program continually evolves to effectively meet the needs of the farming community and enhance its impact.

#### 1. Problems Encountered and Resources Required

• Additional chemicals and glasswares are needed when large number of samples are collected, which stretch annual budget of the college.

#### **Best Practice II**

Title of the Practice: The Expert Lecture Series: Advancing Knowledge and Career Opportunities

### **Objectives of the practice:**

- To motivate students towards new aspects of subject.
- To enhance students practical knowledge in various subjects.
- To bridge the gap between industry and academia.
- To enrich the students with the latest updates in current technologies.
- To interact with successful alumni.

#### The Context:

Expert lectures are crucial for students to apply their learning to real-world scenarios and develop a deeper understanding. These lectures offer unique insights and personal experiences from professionals, broadening students perspectives and keeping them engaged with current trends and technologies. By providing up-to-date instruction aligned with industry advancements, expert lectures help students acquire the right skills and mindset for their future careers.

Our college organizes an Expert Lecture Series to update students on recent developments and provide practical knowledge relevant to their curriculum. We invite eminent personalities and accomplished alumni from various fields to deliver these lectures.

#### The Practice:

The committee is formed to look after the planning and execution of the series. The members of a committee prepare a schedule for expert lecture series. In an academic year around 10- 20 lectures are scheduled.

The schedule is planned based on following criteria:

#### • Selection of Subject:

Topics are chosen based on academic and industry needs, avoiding repetition and encouraging fresh perspectives on current trends. Relevant subjects are selected to enhance course content and degree utility. Career-oriented lectures on communication, interview skills, personality development, and entrepreneurship are also organized.

#### • Selection of Experts:

The committee that looks after the planning and preparation for the series remains always in contact with people outside of the institution. Experts such as Academic Professional, Industrial experts, Business Person, and Our Alumni.

#### • Procedure:

Committee members invite experts with scheduled invitation letters. On the lecture day, the lab assistant and student volunteers handle hall arrangements. Experts usually speak for about 90 minutes. Feedback is collected from both students and experts after the lecture.

#### **Evidence of Success:**

• Expert lectures have motivated students and provided them with valuable insights and strategies

- to excel in competitive examinations.
- Expert lectures on personality development and communication skills helped many students to get placement, internship & to become an entrepreneur.

#### **Success Milestones:**

- Mr. Patil Vinay Sunil: All India Rank 122, Indian Administrative Service, Civil Services Examination 2023.
- Mr. Patil Dilip Ravindra: Deputy Director, Agriculture (Group-A), Government of Maharashtra, 2023.
- Ms. Kandalkar Priyanka Bhausaheb & Ms. Shinde Sakshi Sharad: Management Sales Trainee, Syngenta India Ltd., 2023-24.
- Ms. Vitnor Reshma Ashok: State Tax Inspector, Government of Maharashtra, Maharashtra Public Service Commission, 2022.
- Mr. Ghule Dnyaneshwar Sahebrao: Established vegetable nursery, 2021-22.
- Ms. Dhore Sayli Sharad: Agriculture Field Officer, Canara Bank, IBPS, 2020-21.
- Mr. Yadav Akshay Dagdubhau: Founded DK Agribiotech, Rajuri, Junnar, 2020-21.
- Mr. Zuting Akshay Balasaheb: Agriculture Field Officer, Bank of Maharashtra, IBPS, 2019-20.

#### **Problems Encountered and Resources needed:**

• Issues such as complexity and delivery shortcomings often create a disconnect between the resource and the audience.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

#### 7.3 Institutional Distinctiveness

#### 7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

#### **Response:**

Shetkari Melava - Enhancing Agricultural Knowledge and Practices through Community Engagement

#### Overview

Shetkari Melava, an annual event organized by our college, stands as a testament to our commitment to

addressing real-world challenges through active community engagement and practical knowledge dissemination. To date, the college has organized 29 *Shetkari Melavas* over the past five years, focusing on key thrust areas in agriculture. This initiative is a cornerstone of our institutional distinctiveness, reflecting our dedication to social responsibility and our proactive approach in bridging the gap between academic knowledge and agricultural practices.

#### **Objectives of the Practice**

The *Shetkari Melava* is designed with clear objectives to enhance agricultural practices and community well-being:

- Analyzing Farmers Problems: We aim to identify and understand the issues faced by farmers in the local vicinity. This involves direct interaction with the farming community to address their specific needs.
- **Provide Practical Solutions:** Our goal is to offer actionable solutions and guidance on various agricultural practices to improve productivity and sustainability.
- **Promote Knowledge Sharing:** By fostering awareness and knowledge about modern agricultural techniques, we seek to empower farmers with up-to-date practices that can enhance their productivity and income.

#### The Approach

Recognizing the pivotal role of agriculture in rural economies and the broader community, our college has embraced social responsibility as a core value. The *Shetkari Melava* is an integral part of this ethos, reflecting our commitment to leveraging academic expertise for societal benefit.

Organized annually, the *Shetkari Melava* engages with farmers from villages allotted to our RAWE (Rural Agricultural Work Experience) students. These events are held in collaboration with technical experts from both our college and the industry. The program encompasses a range of critical agricultural topics, including pest and disease management, crop cultivation, seed production technology, soil health management, government schemes for agriculture, and organic farming.

The strategic selection of topics aims to address the pressing issues faced by farmers, ultimately aiming to boost their income levels through the practical application of the knowledge gained.

#### **Areas of Priority and Thrust**

Central idea of the *Shetkari Melava* is to increase the participation of RAWE students, who play a crucial role in identifying the issues faced by farmers in their assigned villages. These students, under the guidance of RAWE coordinators and program officers, engage in detailed discussions with local farmers to pinpoint their primary concerns. This collaborative approach ensures that the topics covered are highly relevant and tailored to the specific needs of the farming community.

Based on the identified issues, our college, in consultation with subject matter experts from our institution, university and industry, prepares a targeted agenda for the event. Experts deliver lectures on various aspects of agriculture, providing farmers with valuable insights and practical advice. The topics typically include:

- **Pest and Disease Management:** Strategies for identifying and controlling pests and diseases that affect crop yields.
- **Crop Cultivation:** Best practices for growing different types of crops, including seasonal considerations and soil management.
- **Seed Production Technology:** Techniques for improving seed quality and production efficiency.
- Soil Health Management: Methods for maintaining and enhancing soil fertility and health.
- Government Schemes: Information on available government schemes and subsidies that can support agricultural activities.
- Organic Farming: Insights into organic farming practices and their benefits.

Following the expert sessions, a forum is conducted to address any questions and provide further clarification. This interactive segment allows farmers to engage directly with experts, ensuring that their specific concerns are addressed comprehensively.

#### **Operational Aspects**

Given the off-campus nature of the program, managing resources at various village locations can be challenging. Our college coordinates closely with RAWE students to ensure that all logistical aspects, including venue arrangements and equipment setup, are handled efficiently. Students and faculty work together to create a conducive environment for learning and discussion.

#### **Evidence of Success**

The *Shetkari Melava* has yielded significant positive outcomes, as evidenced by various feedback mechanisms:

- Farmer Feedback: Farmers have expressed high levels of satisfaction with the content and delivery of the sessions. For instance, feedback from a session on pomegranate cultivation indicated that planting in winter helps to manage diseases more effectively. Similarly, use of Integrated Pest Management for tomatoes led to increased production and improved fruit quality.
- **Testimonials:** Farmers have provided testimonials reflecting the practical benefits of the sessions. Notable feedback includes the appreciation for advice on pest management and crop cultivation, which has been directly applied to their farming practices.
- **Media Coverage:** The local media has extensively covered the *Shetkari Melava*, highlighting the relevance and impact of the topics discussed. This media exposure has helped raise awareness about the event and its benefits.
- Institutional Recognition: Our college's efforts in agricultural extension have been recognized with the 'Krushithon Special Award' presented at the hands of Hon. Dadaji Bhuse, Guardian Minister of Nashik and Ex. Agriculture Minister of Maharashtra. This accolade underscores our dedication to advancing agricultural knowledge and practices.

#### **Impact**

The *Shetkari Melava* exemplifies our college's commitment to social responsibility and practical education. By addressing the real-world challenges faced by farmers and providing them with actionable solutions, this initiative demonstrates our dedication to making a meaningful impact in the community. As we move forward, we plan to address present burning issues such as climate change and sustainable

agriculture in our future programs. Through continued engagement and refinement of this practice, we aim to further enhance the agricultural knowledge and practices of our local farming community, ensuring sustainable development and improved livelihoods.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

# 5. CONCLUSION

#### **Additional Information:**

- The college is run by K. K. Wagh Education Society, Nashik and established in 2005.
- The college has experienced and devoted teaching and non teaching staff. The college undertaken important best practices such as 'Shetkari Melava: A methodology for agricultural problem solving' and 'Empowering local farmers through soil analysis and customized fertilizer recommendations: A student-led initiative'.
- The college has about 100 acres of farm land to demonstrate modern agricultural practices.
- The college has livestock unit which includes different breeds of cattle, buffalo and goat.
- The college has taken an initiative to make ICT based classrooms. Regular feedbacks are collected from stakeholders to improve the academic and infrastructural standard of institute.
- The college has also taken an initiative to make college campus clean & green for this college has installed Solar panel System to generate energy by which contribute to the pollution free environment and make campus eco-friendly.
- The college has installed a rain water harvesting project.
- The college has 31 functional MoUs with various institutes. There is active Training and Placement cell in the college.
- Vermicompost production unit is established in the college to recycle the bio-waste and fulfill the need of organic manure of the campus trees.
- The college has internet connection with 200 Mbps and Wi-Fi facility is available in college premises.
- The college has successfully organized inter-collegiate Youth Festival and Debate & Elocution competition as per the MPKV schedule.
- The college Library is equipped with UTS-user tracking System, KOHA, Library Manager Software, J-Gate etc.
- The college has registered Alumni Association, in which Alumni contributed significantly in the development of the college.
- Great emphasis on safety measures in the college as well as in the campus.
- Ongoing student engagement to enhance performance in university and competitive examinations, along with recognition of meritorious students.
- To improve Quality in Academic, Administration and Infrastructure College conducts:
- 1. Internal Academic and Administrative Audit
- 2. Green Audit
- 3. Gender Audit
- 4. Energy Audit

# **Concluding Remarks:**

The college aims to provide quality education to farming community students with excellent infrastructure and academic excellence. With the help of visionary management, the college takes efforts to achieve its vision of excellence in agricultural education for sustainable agriculture development. The college focuses on student-centric activities and inculcate skill-based education through experiential learning modules and RAWE programme. The college has a transparent admission policy and the reservation policy is implemented for admissions as per government rules.

The teacher-student ratio is good (1:18), reflecting in the students results, which is 100% during final year. Mentors are allotted to students for regular counseling and solving day-to-day problems. The college takes care of student support and progressions through various scholarships, conducting certificate courses for skill development, organizing extracurricular activities, and providing training through the training and placement cell. The faculty has participated in various workshops, seminars, conferences, and also published papers in NAAS rated journals and granted patent.

Infrastructure and learning resources reflect that the college has made efforts to provide the required infrastructure, ICT classrooms, auditorium and other facilities. The college boasts a pollution-free green, clean and eco-friendly campus. A solar panel system installed to fulfill the energy need of campus which helps to reduce the electricity bills of institute. A small unit of vermicompost manure production unit is installed which is used to the plants in the campus. Best practices include 'Shetkari Melava: A methodology for agricultural problem solving' and 'Empowering local farmers through soil analysis and customized fertilizer recommendations: A student-led initiative'. With the help of dedicated management, the college always strives to perform the best in academic and extension activities for nation-building through all stakeholders.

# **6.ANNEXURE**

#### 1.Metrics Level Deviations

Metric ID Sub Questions and Answers before and after DVV Verification

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Answer before DVV Verification:

Answer After DVV Verification: 20

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
7	7	12	9	7

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
6	7	12	9	7

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
2	2	4	3	2

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
1	2	3	3	2

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

- Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years
  - 3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
7	1	1	2	1

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
0	0	0	0	1

Remark: As per the revised data and clarification received from HEI, based on that without ISBN no. the claim could not be considered so DVV input is recommended accordingly.

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Answer before DVV Verification:

Answer After DVV Verification :29

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

- 4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years
  - $4.1.2.1. \ Expenditure \ for infrastructure \ development \ and \ augmentation, excluding \ salary \ year \ wise \ during \ last \ five \ years \ (INR \ in \ lakhs)$

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
203.02	218.90	133.65	102.96	97.11

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
188.37	211.73	119.46	101.31	92.30

Remark: As per the revised data and clarification received from HEI, based on that DVV input is

recommended.

# 4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

# 4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
111.29	75.45	113.35	73.83	54.41

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
19.70	12.29	29.31	2.86	6.76

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

# Percentage of placement of outgoing students and students progressing to higher education during the last five years

# 5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
28	44	64	50	48

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
20	35	52	45	40

### 5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
121	129	155	109	123

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
121	129	155	109	123

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

- Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years
  - 5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
16	14	0	0	3

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
4	0	0	0	1

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

- Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)
  - 5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
30	20	14	00	24

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
7	5	4	00	6

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

- Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years
  - 6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
7	2	1	0	1

Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
6	2	1	0	1

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

- Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years
  - 6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
10	15	11	65	36

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
10	15	11	65	36

#### 6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
3	6	5	31	32

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
50	48	48	31	32

Remark: As per the revised data and clarification received from HEI, based on that DVV input is recommended.

### 2.Extended Profile Deviations

ID	Extended Questions
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# 1.1 Number of teaching staff / full time teachers during the last five years (Without repeat count):

Answer before DVV Verification: 48 Answer after DVV Verification: 40

# 1.2 Number of teaching staff / full time teachers year wise during the last five years

# Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
26	27	27	25	24

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
24	22	22	19	23

# 2.1 Expenditure excluding salary component year wise during the last five years (INR in lakhs)

## Answer before DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
421.56	407.89	340.11	268.34	253.55

#### Answer After DVV Verification:

2023-24	2022-23	2021-22	2020-21	2019-20
406.90	400.71	325.91	266.68	248.73