



College with excellence at par

Prof. Dr. Avinash S. JagtapM.Sc. Ph.D.
PRINCIPAL

॥ सिद्धिरनेकान्तात् ॥

Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati, 413102

(Autonomous Institute)

Religious Minority Institute

NAAC Reaccredited 'A+', CGPA 3.55

E-mail :- principal@tccollege.org,
principal.tccollege@gmail.com

Website : www.tccollege.org

☎ : (02112) 222405, 223635 Fax : (02112) 222728

● ISO - 21001 - 2018 Certified

● DST FIST 'O' Level

● DBT - Star College Scheme

● Green Audit Certified

● UGC - CPE Status

● UGC - B.Voc. & M.Voc. Programme

● Best College Awardee-SPPU

● Best Principal Awardee-SPPU

Affiliated to Savitribai Phule Pune University (Formerly University of Pune) (Id No.PU/PN/ASC/016/1962) Univ. College Code No. 032, HSC Board Code No.J 11.02.001(1976-77)

Ref. No. AES/TCC/ Unit 103Date :- **2 NOV 2023**

To,

Hon. Director,

Internal Quality Assurance Cell,

Savitribai Phule Pune University,

Pune.

Subject: Submission of Zonal Level Avishkar Poster Competition - 2023

Respected sir,

Our college organized Zonal- level Avishkar Poster Competition - 2023 on 31/10/2023 as per guidelines given by the Savitribai Phule Pune University, Pune. The following posters are selected in Zonal level Avishkar Poster Competition. I have enclosed the following documents here. It is for your kind information. Please take a note of the same and do the needful.

Thanking you,

Your faithfully,

ARC


Principal

Enclosed-

1. List of selected students
2. Geotag photos
3. List of participants

Dr. Shrikrishna Salunke
Dept. of Chemistry
3/11/2023

To,

The Principal,
Tuljaram Chaturchand College, Baramati.

Subject: A report on the Zonal-Level Avishkar Poster Competition

Dear Sir,

We are pleased to report on the Zonal-Level Avishkar Poster Competition, jointly organized by Savitribai Phule Pune University, Pune, and Tuljaram Chaturchand College, Baramati. The event aimed to foster a scientific mindset among students at various academic levels, including undergraduate (UG), postgraduate (PG), and Ph.D. research scholars. The competition took place on Monday, October 31, 2023, from 9:00 AM to 5:00 PM on the college campus.

The competition was categorized into three distinct fields:

1. Agricultural and Animal Husbandry.
2. Engineering and Technology.
3. Medicine and Pharmacy.

The competition day commenced at 9:00 AM with registration and poster preparation, and a meeting was convened by the Principal, Dr. Avinash S. Jagtap, who provided essential insights and recommendations to the examiners and coordinators.

The formal inauguration of the workshop was carried out by Principal Dr. Avinash S. Jagtap, who was also instrumental in explaining the Avishkar concept, its significance, and the guidelines for participation in the competition. Dr. Jagtap extended his warm greetings to all participants and expressed his best wishes for their success during the workshop.

A total of 186 students registered for the competition within the Pune Gramin district through the university's online portal. Of these, 168 participants attended the event in person, joined by approximately 154 students from various colleges.

The evaluation of the competition involved eight examiners from different colleges, appointed by our institution. These examiners conducted thorough and impartial assessments, resulting in the selection of three top projects from each category. The assessment process included evaluating research posters, models, and live demonstrations in accordance with the Avishkar Committee's guidelines from the SPPU, spanning from 9:00 AM to 5:00 PM. A

working lunch was provided to the organizers, and examiners finalized their results for the three categories between 4:00 PM and 4:30 PM.

The Valedictory Function commenced at 4:30 PM, graced by Prof. Dr. Devidas Waydande, Principal of M. S. Kakade College, Someshwarnagar, as the Chief Guest. Dr. Sachin Gadekar, the Vice principal of T. C. College, welcomed the guests and highlighted the importance of research in academics. Dr. Sachin Kulkarni, from the Department of Physics, announced the competition results, where 19 projects were shortlisted by experts for the next University Level Research Project Competition. Dr. R.T. Sapkal delivered the vote of thanks, and the Valedictory Function concluded with the President's permission.

The Zonal-Level Avishkar Poster Competition was executed under the able guidance of the esteemed Principal, Dr. Avinash S. Jagtap, and Dr. Ashok Kalange.

The following participants have been selected for recognition in the Zonal-Level Avishkar Poster Competition:

We express our gratitude for your continued support and look forward to furthering collaborations in promoting scientific inquiry and exploration.

Yours sincerely,

A handwritten signature in dark ink, appearing to read 'S. Kalange', with a horizontal line underneath.

Savitribai Phule Pune University
Zonal Level Avishkar -2023
Tuljaram Chaturchand College of Arts, Science & Commerce
BARAMATI - 413102, Dist: - Pune.
(Autonomous Institute)

Category: Pharmacy and Medicine

Activity Report- 2023-2024

Date- 31/10/2023

Sr. No.	Name of Students	Code	Level	Title of the project	Name of College	Phone No. & Email Id
1	Kakade Gayatri	P-6	UG	Anticoagulant edible film of bromelain, Gingko biloba, Liquorice.	Sitabai Thite college of Pharmacy, Shirur.	942246904 sanikakakde712@gmail.com
2	Kakade Sanika					
2	Kotwal Chaitali	P-9	UG	Development and evaluation of value enriched sattu mix for undernutrition.	Shardabai Pawar Mahila College, Shirdanagar, Baramati	7666458226 ashwinikotwal6418@gmail.com
3	Waghchare Disha Dipak	P-11	UG	Herb-Fresh Herbal mouth fresher candy for halitosis	CT Bora College, Shirur	9529073236 dishawaghchare61@gmail.com
	Kshirsagar Srushti Sanjay					
1	Pathan Aamina Hussain Khan	P-38	PG	Screening of Antimicrobial activities and phytochemical studies of Mushroom, A.S.	Shri Shivaji Chatrapati College, Junnar	9156114554 aaminak330@gmail.com
2	Kadam Prity Rajesh	P-31	PG	Convenient three component synthesis of amid alkyl naphthol catalyzed by zinc ferrite under solvent free condition.	Shardabai Pawar Mahila College, Shirdanagar, Baramati.	7666317952 prityrk2002@gmail.com
3	Sabale Rutuja Manohar	P-36	PG	Studied on production & application of novel diet related supplement from Black soldier Fly	Shardabai Pawar Mahila College, Shirdanagar, Baramati.	8767128500 rutujasabale1101@gmail.com
1						


ARC




Principal

Savitribai Phule Pune University
Zonal Level Avishkar -2023
 Tuljaram Chaturchand College of Arts, Science & Commerce
 BARAMATI - 413102, Dist: - Pune.
 (Autonomous Institute)

Category: Engineering and Technology

Activity Report- 2023-2024

Date- 31/10/2023

Sr. No.	Name of Students	Code	Level	Title of the project	Name of College	Phone No. & Email Id
1	Jagtap Maithili Santosh	E-10	UG	Whatsapp-Botify	VPKBI of Eng. & Technology, Baramati	9881989500 jagtap.maithili@gmail.com
	Nale Pranjal Shankar					
2	Vaidya Soham Niles	E-19	UG	Empowering deaf with Indian sign language Interpreter	VPKBI of Eng. & Technology, Baramati	9309511138 sohamvaidya333@gmail.com
	Nimbalkar Shivanjali Vijay					
3	Kale Aniket Shashikant	E-2	UG	Component error Detection System using image Prowssing	SVPMS College of Engineering Malegaon	7040426001 aniketkale@gmail.com
	Dhumal Abhishek Dipak					
1	Jagdale Akshada Dnyande	E-93	PG	Addressing the future fodder shortage in Maharashtra with novel feed solution for livestock	Shardabai pawar womens college, Baramati	7709700796 akshadajagdale99@gmail.com
2	Shaikh Alfiya Bano Azimuddin	E-95	PG	Removal of methyl green day by using Novel Biomaterial	Shri Shiv Chhatarapati College, Junnar	8624943929 shakilabano0024@gmail.com
3	Giramkar Shruti Ankush	E-94	PG	Fuelling the future: turning the sugarcane bagasse in to glucose for eco-friendly bio fuels	Shardabai pawar womens college, Baramati	7758871497 shrutigiramkar9030@gmail.com
1	Nill					

Blade
ARC



Jagtap
Principal

Savitribai Phule Pune University
Zonal Level Avishkar -2023
Tuljaram Chaturchand College of Arts, Science & Commerce
BARAMATI - 413102, Dist: - Pune.
(Autonomous Institute)

Category: Agriculture and Animal husbandry

Activity Report- 2023-2024

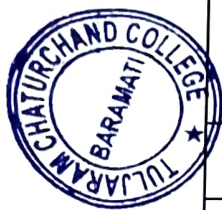
Date- 31/10/2023

Sr. No.	Name of Students	Code	Level	Title of the project	Name of College	Phone No. & Email Id
1	Raut Abhishek Rajendra	A-6	UG	Design of automated sugarcane bud detection and cutting mechanising AI Ommohited	VBK BIOE & T, Baramati	9325345968 ommohite8625@gmail.com
	Mohite Om Madhusudan					
2	Ingole Sumedh Avdhut	A-4	UG	Utilization of groundnut shell	HR College, Rajgurunagar	8308873075 sumedhingole231@gmail.com
	Borhade Prajwal Santosh					
3	Nimbalkar Parth Anil	A-1	UG	Organic food testing and traceability using blockchain technology	SVPM College of Eng. Malegaon	7083553560 parthnimbalkaratticia@gmail.com
	Bhijave Shivtej Rajendra					
1	Joshi Vaishnavi Vijaykumar	A-40	PG	Revolutionary Novel green-Mg Nano particles boosting millet yield globally	SPM College, Shardanagar, Baramati	9637865291 vaishnavijoshi0310@gmail.com
2	Gaikwad Siddhant Sangram	A-41	PG	Effect of synthesis painkillers on Schuler feuma a case study.	SSC College, Junnar	9172813230 sidgaikwad0703@gmail.com
3	Gaikwad Priyanka Digambar	A-39	PG	Formulation herbal multi-functional preservation tablet for grain storage	C T Bora College, Shirur	8010283221 gaikwadpriyanka48137@gmail.com
1	Nikam Sonal Baliram	A-44	PPG	Non-invasive qualitative and quantitative analysis of Dragon Fruit using NIR Spectroscopy.	SVPM College of Eng. Malegaon	9960533531 sonal.nikam6@gmail.com

Sonal
ARC



Sonal
Principal



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
1.	Parth Anil Nimbalkar	Agriculture	UG	Shivnagar vidya Prasarak mandals college of engineering malegaon Bk.	organic food testing & its traceability using blockchain technology.	A1	<i>P. Nimbalkar</i>
2.	Shivtej Rajendra Bhilare						<i>S. Bhilare</i>
3.	Tanaya shreed Madhavi						<i>T.S. Modkar</i>
4.	Rupali Dipak Vaidya	Agriculture	UG	Jaihind college of engineering, Kuran	Deep Learning Based weed detection system with commercial Autonomous Laser Weeding Robot	A2	<i>Vaidya</i>
5.	Inamdar Hujafa Shafi (8261878510)	Agriculture	UG	Jaihind college of engineering, Kuran	To design geothermal air Conditioning system and to Choose best soil for ecofriendly air Conditioning System	A3	<i>[Signature]</i>
6.	Shaikh Munnawar Sagir (9766945825)						<i>[Signature]</i>
7.	Ingole Sumedh Arvind (8308873075)	Agriculture	UG	Hutatma Rajguru mahavidyalaya Rajgurunagar.	Utilization of groundnut Shell. sumedhingole2311@gmail.com	A4	<i>[Signature]</i>
8.	Borhade Raju/Santosh (9637635397)						<i>[Signature]</i>
9.	Hingane Apeksha Manik (7218215639)	Agriculture	UG	Hutatma Rajguru Mahavidyalaya Rajgurunagar	Biodegradation of Agricultural Plastic waste with microbial agent Pseudomonas	A5	<i>A.M. Hingane</i>
10.	Jambhale Pooja Sukhdev (9604754725)						<i>[Signature]</i>

[Signature]
HRC



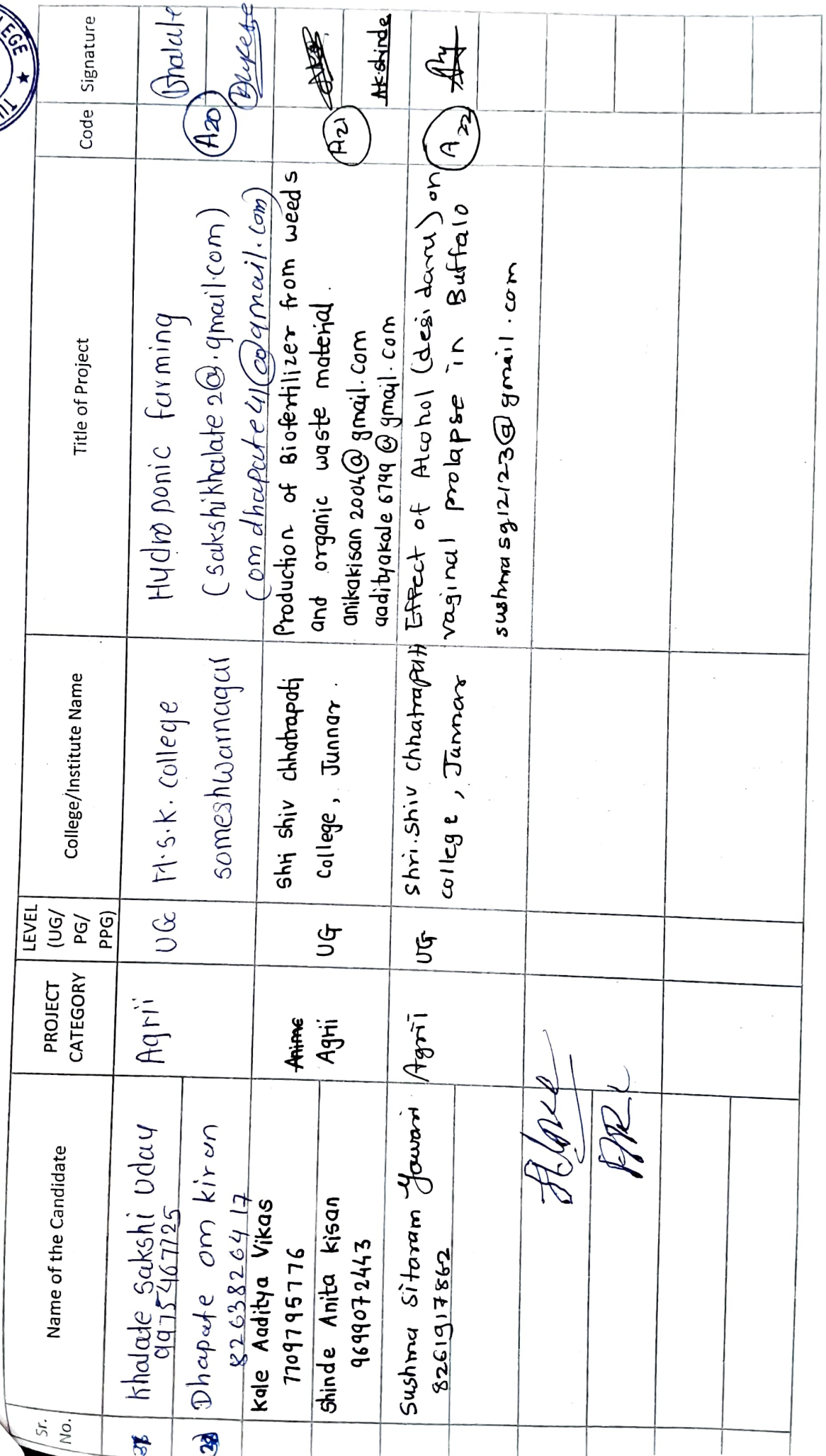
Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
11.	Abhishek Rajendra Raut 9325345968	Agri	UG	Vidya Pratishthan's Karmayam bajaj institute of engineering & Tech.	Design of automated sugarcane bud detection and cutting machine using Artificial Intelligence Ommohite86as@gmail.com	A6	<i>[Signature]</i>
12.	Om nagn Om Madhusudan Mohite 7820807759						<i>[Signature]</i>
13	Bhujbal Vaishnav Vivek (9822321460)	Agri	UG	Hon. Balasahab Jadhav Arts & Science A/c	Development of Micro-Greens & Vertical Garden By Using Traditional Medicinal Plants for Sustainable Utility Vashnavgbb@gmail.com	A7	<i>[Signature]</i>
14	Gadge Sakshi Ganesh (9325636202)						<i>[Signature]</i>
15	Chandgude Anamika Bharat 9604284397	Agri	UG	Biopesticide: A novel Technique for Healthy food & Sustainable Agriculture	Biopesticide: A novel Technique for Healthy food and Sustainable Agriculture	A8	<i>[Signature]</i>
16	Gore Vishwajeet chandrakant 8767907959						<i>[Signature]</i>
17	Burungale Abhiraj Manojkumar 7494780761	Agri	UG	Vidya pratishthan's Arts, science, Commerce College of Baramati	Production of Methane gas from cow dung	A9	<i>[Signature]</i>
18	Mohite Indrajeet 9175860824 Chandkar Hethab			Musa. sahebrao Kulkade college. someshehar nagar	burungalebbiraj@gmail.com		<i>[Signature]</i>



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
19)	Lande Divya Bhaskar (7350995295)	Agri	UG	Sitabai Thite College of Pharmacy.	Exploitation of Natural resources for therapeutic applications: Spray Dried Neera Powder (divyalander2910@gmail.com)	A10	<u>Lande</u>
20)	Shivani kailas Mokate (7666334850)						<u>Shivani</u>
21)	Tanvi Ravindra Deshpande (7385659675)	Agri	UG	Vidya Prathishthan college, Baramati.	Isolation, Estimation and Purification of Metabolites for Antimicrobial Activity	A11	<u>Ravindra</u>
22)	Bhandari Rakhi Rajendra (9112403333)	Agri	UG	ACS College, Narayangaon (07 Extra coupon)	Integrated Farming.	A12	<u>Rakhi</u>
23)	Kolhe Siddhi Jalindar (7558670456)				Integrated Farming.		<u>Siddhi</u>
24)	Shete Kajal Vijay (8530651872)	Agri	UG	Jaihind college of engineering Kuran	Animal/Object Recognition & monitoring system	A13	<u>K.ushete</u>
25)	Bhopale Rushikesh Bannodhan (7385912152)				(kajalshete4113@gmail.com)		<u>Rushikesh</u>
26)	Rechhal Balasahab Kalel	Agri	UG	Shardabai Pawar Mahila College, Baramati	Bacteriophage therapy : A Novel approach for control of Pomegranate disease	A14	<u>Rechhal</u>
27)	Aditi Yogesh Tayade (8793709834)				(adititayade2502@gmail.com)		<u>Aditi</u>



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
27	Bhagwant Haradli Nilesh (8208110149)	Agri	UG	Gov. college of engineering & Research, Avasari	Generating electricity from waste materials (hvuddhibhagwat@gmail.com)	A15	Haradli
28	Jalil Andewadi (7798982143)	Agri	UG	Shardabai Pawar Mahila college, Shardanagar	Atmospheric Sensor. shendageshivanjali@gmail.com	A16	Andewadi
29	Pawan Mayumi Krishna (9579510047)	Agri	UG	C.T. Bora college	Wild Banana : A model plant for food & fodder. Tejaschaugule14@gmail.com	A17	Salekhar
30	Rathan Shahid Kadar 9172843553	Agri	UG	Govt's College of engineering Malegaon	Hybrid Automatic Plant Irrigation system with moisture sensor. (shivrajghadage24@gmail.com)	A18	Pichayale
31	chaugule Tejas subhash. 9699008551	Agri	UG	Vidya Pratishthan Kamalnayan Bajaj Institute of Engineering & Technology Baramati	Plant Disease Classification Using Deep Learning gauravjagtap560@gmail.com	A19	Tejas
32	Shivraj Rajendra Ghadage. 8010965147	Agri	UG				
33	Mulik Aswath shivarad 7249303600	Agri	UG				
34	Chougule Yogita Dhanraj 8767706364	Agri	UG				
35	Gaurav Mahendra Jagtap 8308799238	Agri	UG				





Sr. No.	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	Name of the Candidate	College/Institute Name	Title of Project	Code	Signature
1.	Agriculture PG		Chavan Utkarsha Deepak.	Shardabai Mahila arts, commerce, science Vidyalaya	Boerhaavia diffusa L. root extract mediated improvement of salinity tolerance in Vigna Mungo (Black Gram)	A 34	<i>[Signature]</i>
2.	Agriculture PG		Wanare Sachin Ganesh	VP college	Application of nanotechnology in Biofortification to enhance of nutrition value.	A 35	<i>[Signature]</i>
3.	Agriculture PG		Repal Rutuja Rajendra	VIIT, Baramati (MBA)	5% Neem seed kernel Extract	A 36	<i>[Signature]</i>
4.	Agriculture P.G.		Wagh Abhishek Mahadev 8766586748.	VIIT. Baramati (MBA).	Management of Organic Farming.	A 37	<i>[Signature]</i>
5.	Agri PG		Pangarekar Shivam Subhaya 8766967492	MSK. Somejwar (MSc)	Analysis of waste material plastic using fuel	A 38	<i>[Signature]</i>
6.	Agri PG		Gaikwad Priyanka Digambar 8010283221	C.T Bora college Shirur MSC II	Formulation herbal multifunctional food preservation tablet for grain storage	A 39	<i>[Signature]</i>



Sr. No.	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	Name of the Candidate	College/Institute Name	Title of Project	Code	Signature
7	Agri	PG	Joshi Vaishnavi Vijaykumar. 9637865291	Shardabai Pawar mahila Arts commerce & science college Baramati	Revolutionary Novel Green-Mg nanoparticles : Boosting millets yield globally Vaishnavijoshi 0310@gmail.com.	A-40	
8	Agri	PG	Gaikwad Siddhant Sangram 9172813230	Shri Shiv Chetrapati College Tumkur	Effect of synthetic paintkillers on freshwater fauna - A case study of Poreilia reticulata (sidgaitkar0703@gmail.com)	A-41	
			PRC				



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Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
1	Rameshwar K. Gosavi 9665776869	Engg. and Tech	UG	SUPM's college of Engineering, Malegaon	Ahar APP: The food waste management	E1	Borab
2	Tanishka V. Jastap						Signature
3	Kale Aniket Shashikant (7040426001)	Engg. and Tech	UG	SUPM's College of Engineering, Malegaon	Component Error Detection System using Image Processing theaniketkale@gmail.com	E2	Signature
4	Dhruval Abhishek Dipak (9689639005)						Signature
5	Ganesh Devendra Mali (8830643452)	Engg & Tech	UG	Government college of Engineering & Research Avasari Khurad, Pune.	Semi-Automatic Manipulatory Arm (ganushmali2784@gmail.com)	E3	Signature
6	Suyesh Sandip (9604562048)						Signature
7	Balsaral Sanjayot 7387755763	Engg & Tech	UG	Jaihind College of Engineering, Kuran, Pune	AI Based CCTV Surveillance System (sanjayotbalsaral@gmail.com)	E4	Signature
8	Kashid Asmita 9307325297						Signature
9	Gawade Chetana 9552574573						Signature
10	Kakade-Gauri Dilip 8421428171						Signature

chetanagawade9.07@gmail.com



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/PG/PPG)	College/Institute Name	Title of Project	Code	Signature
	Shete Kajal Vijay 8530651812	Engg & Tech.	UG	Jathind college of engineering, kuran	Animal/Object Recognition & monitoring system (bhopale.379@gmail.com)	E6	
11)	Dixit Pratiksha Mangesh 8625006316	Engg & Tech	UG	Hutatma Rajguru Mahavidyalay, Rajgurunagar	charlie: The Virtual Assistant (pratikshadixit233@gmail.com)	E7	
12)	khedkar Dipika Ramesh 9892416639	Engineering & Tech.	UG	Sharda Bai Pawar Mahila Arts commerce & science college sharda nagar.	Green Hydrogen Production from sewage water using solar cell. thakarejayeshwarir@gmail.com	E8	
13)	Thakar Rajeshwari Vikas 9657001929	Engineering & Tech.	UG	Hon Bawa Saheb Jadhav CIG, AIE	AI Innovative Gadgets for safety samtuddhi-kude4@gmail.com	E9	
14)	Khondare Harshada 3350302589	Engineering & Tech.	UG	Vidya Pratishthan's kamal Nayan Bajaj Institute of Engineering and Technology, Baramati	Whatsapp-Botify jagtap.maithili@gmail.com	E10	
15)	KHP Samtuddhi Virayak 9552696133	Engineering & Tech	UG				
16)	date Ganesh Sanjay 8999927222	Engineering & Tech	UG				
17)	Jagtap Maithili Santosh 9881989500	Engineering & Tech	UG				
18)	Nale Pranjal Shankar 9423136491	Engineering & Tech	UG				



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/PG/PPG)	College/Institute Name	Title of Project	Code	Signature
19)	Khokale Akanksha 8208787868	Eng. Tech.	UG	B. J. Arts, commerce, science. Ale clg.	Night Patrolling Robot using IoT. (gaurikakade196@gmail.com)	E-6	
20)	Kakade Gauri Anil 8010143611	Engineering & Tech.	UG	M. S. Kakade college Someshwar nagar.	Management of Landslide (bhosaledhanshree352@gmail.com)	E-11	
21)	Mandhare Anuja Sunil 9028142376	Engineering & Tech.	UG	Vidya Pratishthan's Arts, science and commerce college Basamati	Bustacker X atoleonkar24@gmail.com bhagataditya2021@gmail.com	E-12	
22)	Bhosale Dhanshree Dattatray 9356790031	Engineering & Technology	U.G	Vidya Pratishthan's Arts, Science & Commerce College Basamati	Revolutionizing Breakfast: The Development of Ultimate Egg Omelet Premix (Sannuddhi1683@gmail.com)	E-13	
23)	Bhagat Aditya Krishnat Atote - 091. 9175049976	Engineering & Tech.	U.G	Sharda Baj Pawar Mahila college, sharda nagar	Use of plastic waste for hydrogen energy (komalvpawar2002@gmail.com)	E-14	
24)	Atole Onkar Sanjay 9881028508	Engineering & Tech.	U.G				
25)	Sannuddhi Eknath Khengle 7438081624	Engineering & Tech.	U.G				
26)	Parankumar Satish Shitole 7020293064	Engineering & Tech.	U.G				
27)	Komal Vithal Pawar 9373542554	Engineering & Tech.	U.G				
28)	Sanjana Rajendra Bhosale 9975885343	Engineering & Tech.	U.G				



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
29)	Kharse Megha Raosaheb 9392551931	Engg. & Tech	U.G.	MSK College Someshwar nagar	SG Technology meghakhar2003@gmail.com	E-15	
30)	Jagtap Harshada Sukhadetech 9403169832						
31)	Pansare Vishal Sanjay 7264890058	Engg & Software Tech.	UG.	SPCOCT. COLG OF eng & Tech	medical health log sy stem. (pansarevishal5600@gmail.com)	E-16	
32)	Bunge Sakshi Dnyaneshwar 7264890058	Engg & Tech	U.G.	C.T. Bora college Shirur.	Production of hydrogen using sun light suryavanshiGauri855@gmail.com	E-17	
33)	Suryavanshi Gauri Santosh 8605602095						
34)	Gajare Nutan Garakshia 9356813030.						
35)	Borate Aditya Dada 9922130709	Engg. & Tech.	U.G.	C.T. Bora college, Shirur.	An Idea of Domain embedding method to solve complex engineering problem. rameshbhosale@gmail.com	E-18	
36)	Bhosale Shreya Ramesh 9890154478						
37)	Soham Nilesh Vaidya 9309511138	Engg & Tech	UG	Vidya Pratishthan's Kamal nagar Bajaj Inst. Eng. & Techno.	Empowering Deaf with Indian Sign language Interpreter (sohamvaidya33@gmail.com)	E-19	
38)	Shivanjali Vijay Nimbalkar 982172594						



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
39)	Bhosale Ashok Shripam (9146835178)	Engineering	UG	Sharadchandra Pawar college of Engineering, Belhe.	Entertainment suggestion for handicamp/dumb people using EEG signals	E-20	<i>[Signature]</i>
40)	Prathamesh devidas (7796493518) yechurao	Engineering	UG	samarth college of Engineering Belhe.	Identifying Psychological impact of online gaming & social media using Artificial intelligence" (kurusabude85@gmail.com).	E-21	<i>[Signature]</i>
41)	Sabale Kunal Sandip (9762016975)	Engineering	UG	samarth group of institutions, college of engineering, Belhe	Smart energy meter using IOT: The future of energy analytics	E-22	<i>[Signature]</i>
42)	shinde omkar Dilip 7350933258	Engineering	UG	samarth group of institutions, college of engineering, Belhe	IoT Based rain roofing for crop protection & water Management system using solar system	E-23	<i>[Signature]</i>
43)	Momin simran Asif 7385743686	Engineering	UG	Sharadchandra Pawar College of Engineering & Technology, Somesh. Waranagar	Smart Agriculture System Using IOT & Machine Learning	E-24	<i>[Signature]</i>
44)	Somavanshi Akshada Pattatray 8530989624	Engineering	UG				
45)	Pharale Pratiksha Jalindar 9589068703	Engineering	UG				
46)	Dangat Sumit mhatu 8805131320	Engineering	UG				
47)	Mutekar Himmat Bapurao 8605101139	Engineering	UG				
48)	Tekawade Yogesh Uttam 9112036982	Engineering	UG				



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
49	Anil Rohit Kumbhar (724945539)	Engineering & Technology	UG	Shradhachandra Pawar college of engineering and technology, someshwar nagar	Agriculture Management System using web development with machine learning (rohitkumbhar6342@gmail.com)	E25	
50	Prasad Sanjay Taware (8530492576)						
51	Ranangare Shradha Sudarrao (9322047404)	Engg. & Technology	UG	Shradhachandra Pawar college of engg. & technology, someshwar nagar	Fraud Detection and prevention by using smart weighing machine & real time notifying system. (ssrananavare2000@gmail.com)	E26	
52	Khomare Gaurav Vijay (7350772111)						
53	Ankushrao Datta Dilip (8226200962)	Engg and Tech.	UG	Someshwar science college, Waghaldwad; (Someshwarnagar)	Django - python framework (dattaankushrao8@gmail.com)	E-27	
54	Bagal Shubham Mahendra (9823568647)						
55	Raskar Pratik Dattatray (9423648760)	Engg & Tech	UG	Someshwar science collage Someshwar nagar. (Someshwar).	Drive Guard. (raskarpratik37@gmail.com)	E-28	
56	Jadnav Pratik Dattatray (8408868107)						
57	Khan Aafsha Anis (8080910329)	Engg & Tech.	UG	Shri Shiv chhatrapati college junnar.	Dactar science (rkhanssc.0@gmail.com)	E-29	



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
58)	Tajane Vikas Chandakant	Engineering and Technology	UG	Shree Shiv Chhatrapati College Junnar. (7498377693)	Student Grade Prediction with machine learning. (Vikastajane@gmail.com)	E-30	
59)	Borhade Vaibhav Gajendra						
60)	Auli Ashish Bhaule (9028314212)						
61)	Amil Hemanth Karole. (7499721608)	Engineering & Technology	UG	Government College of engineering and research Avasari	Semi Automatic window Glass breaking device. (Karooteamit@gmail.com)	E-31	



Sr. No.	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	Name of the Candidate	College/Institute Name	Title of Project	Code	Signature
01	Eng & Tech.	PG.	Therese Aniket Vishwans.	Vidya Pratishthan college of Arts, Science & Commerce	Microbial nanowires as electrifying cells: an innovative and novel approach.	E: (87)	
02	Eng & Tech.	PG.	Kamble Virendra Ganesh. 7028711411	vidya pratishthan's Arts, science & commerce college.	Microorganisms efficient for producing Human insulin. email: -virendra.sonar2001@gmail.com	E: (88)	
03	Eng and Tech	PG	Dhumal Vitthal Tanaji 8329100938	viit, Baramati	AI - Agribot email: Pd500559@gmail.com	E: 89	
(104)	Eng & Tech.	PG	Deygude Vished Dattatraya. 8080815184.	VIIT, Baramati	"Solar Energy can change the world's environmental Health" email: Vishaldeyde8@gmail.com	E: 90	
05	Eng & Tech.	PG.	Kurandale Pallavi Dadabhai 8788443879	C.T. Bora Shirur pallavidabhaikurandale@gmail.com	Production of graphene derived from Bougainvillea flowers for energy storage.	E: 91	
06	Eng & Tech	PG	Raka Dipika Fulchand 9850745855	Sharachandra Pawar college of Engg. dipikaraka@gmail.com	Portfolio optimization by utilizing fundamental and price-volume analytics.	E: 92	



Sr. No.	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	Name of the Candidate	College/Institute Name	Title of Project	Code	Signature
⑦	Eng. & Tech	PG	Jagdale Atshada Onyandev 7709706796	Shardabai Pawar Women's college Baramati	Addressing the future fodder shortage in Maharashtra with novel feed solution for livestock. akshadajagdale93@gmail.com	E93	
⑧	Eng. & Tech	PG	Giramkar shruti Ankush - 9758871497	Shardabai Pawar women's college, Baramati	Fueling the future: turning the sugarcane bagasse into glucose for eco-friendly biofuels - shrutigiramkar9030@gmail.com	E94	
9	Eng. & Tech.	PG	Shailekh Alfiya Bano Azimuddin	Shri Shiv chhatrasapati college, Junnar	Removal of Methyl Green Dye by using Novel Biomaterial - shakilabano0024@gmail.com	E95	

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Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
1)	Sayyed Sumayya Firoz	Pharmacy	UG	Seth Govind Raghunath Sable College of pharmacy, Saswad.	Ophthalmic eyewash preparation for various eye infections.	P1	Sayyed
	Yadav Sakshi Munnasingsh						Sakshi
2)	Kedat Swanand Ramnath	Medicine & Pharma	UG	Vidya pratishtan's Arts science & commerce college	Extraction of Flavonoid from Kalanchoe pinnata & Formulating medicine nanomedicine to treat kidney stone	P2	Swanand
	Dhumal nivedita Manish						Nivedita
3)	Mandhan Rajendra Shinde	Medicine & Pharma	UG	SVPM Malegaon BK. Baramati	Control system and design of arm and leg of exoskeleton to enhance human capacity	P3	Mandhan
	Kunal Dipak Pawar						K.D. Pawar
4)	Hole Swarnajali Shivaji	Medicine & Pharma	UG	SVPM college of Engineering Malegaon BK, Baramati	Polycystic Ovary Syndrome Detection Using Machine Learning	P4	Shivaji
	Khande Dnyaneshwari Vikas						Dnyaneshwari
5)	Lonkar Prajwala Chandrakant	Medicine and Pharmacy	UG	Seth Govind Raghunath Sable College of pharmacy, Saswad	Formulation and Evaluation of nourishing natural face serum - "Tvaksara Kavaach". Gmail: prajwalalonkar2002@gmail.com	P5	Prajwala
	Kunjir Akanksha Ravindra - 9156480610						Akanksha

Selma
ARC



Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
9)	Gayabi Kakade	pharmacy	UG	Sitabai Thite college of Pharmacy shirur	Anticoagulant edible film of bromelain, Gingko biloba, Liguorice. sanikakakade712@gmail.com.	(P6)	
9)	sanika kakade 9422406904						
9)	Prityanka Takawane. 8956910301.	Pharmacy	UG	Vidhya Postgraduate Arts, Commerce, Science, Commerce	"Exploring Pharmaceutical Potential of Angelica Pyrethrum against (P7) B Amyloid Protein (Alzheimer's disease)." takawaneprityanka22@gmail.com.	(P7)	
9)	Nirbalye vishakha Sanjay. 9309939909	Pharmacy	UG	Shardabai Pawar Mahila College Shoredanagar	"To formulating high fibre low GI Millet Based Noodles." nilkalajevishakha42@gmail.com Teacher-1	(P8)	
9)	Kotwal Chaitali Sandeep 7666458226	pharmacy	UG	Shardabai pawar Mahila college Shoredanagar	Development and evaluation of value enriched sattu mix for undernutrition	(P9)	
10)	Bansal Vaishnavi Vinayak 8788770346	Pharmacy	UG	ashwinikotwal6418@gmail.com Chandmal tarachand bora, college Shirur.	Anti-Diabetic Tablet.	(P10)	
	Dandekar Manimayee Atul 7249281842				manimayeedandekar29@gmail.com		

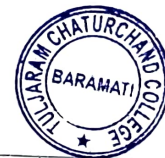


Sr. No.	Name of the Candidate	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	College/Institute Name	Title of Project	Code	Signature
11.	Waghchaure Disha Dipak 9529097236 Kshirsagar Srushti Sanjay 9172061423	Pharmacy	UG	chandmal Tarachand Bora college Shirur	Herb-Fresh - A Herbal mouthfreshener candy for Halitosis dishowaghchaure61@gmail.com	P-11	Hete Dishu
12.	Patel Madiha. Inamdar Namita 7385649479	pharmacy	UG	Shri shiv chhatrapati college Junnar	Hazards and solution of medicine. madihapatel126@gmail.com	P-12	Madika Amit
13	Datkhe Dnyaneshwari Prachi Suradkar. 9028693986	pharmac	UG	shri shiv chhatrapati college Junnar.	Study of effect of vaccines on human immune system dnyaneshwaridatkhe8@gmail.com.	P-13	Datkhe Dnyaneshwar
14	Rupali Patil Aartha Laxman	pharm	UG	VPRBET Vidya Pathisthai's Kamalnagar Patel Institute of Engg. & Technology	Identification of Medicinal plants by Image processing (patilval.rupali.aide.2020@vprbket.org)	P-14	Rupali Aartha
15	Rupali Patil Aartha Laxman (7219265919)						

Signature
ARL



Sr. No.	PROJECT CATEGORY	LEVEL (UG/PG/PPG)	Name of the Candidate	College/Institute Name	Title of Project	Code	Signature
1	Medicine	PG	Kadam Prity Rajesh Shendage Yogita Shardabai	Shardabai Pawar Mahila Art's, commerce & science college Shardanagar	Convenient three component synthesis of amidoalkyl naphthal catalyzed by zinc ferrite under solvent free condition	(P-31)	Kadam Prity
2	Medicine & Pharma	PG	Rushika Sonjay Gujar. 9326430578	Vidya Pratishthan Arts, commerce & science college.	Modification of Classic Catheters to Biofilm resistant Catheter. Email - vrushika-gujar20@gmail.com	(P-32)	Rushika
3	Medicine & Pharma	PG	Mrunal Sameer Date 9146878600	Vidya Pratishthan Arts, Commerce & Science College	Application of Herbal Medicine Incorporated with Probiotics to Treat APPKD email:mrunaldate58712@gmail	(P-33)	Mrunal
4	Pharm.	PG	Pachange/Ruchita Ruchita G. 9090761747 7776047238	C.T. Boradga Shiksha Tamboli Prados	Capet Tea ; a multipurpose Herbal Remedy. Pachange/ruchita@gmail.com	(P-34)	Ruchita
5	Medicine & Pharmacy	PG	Gosavi Rishavijay 9860788145	Tujaramchaturvedi college Baramali	Immunity Boost vitamin C rich chocolate and millet crackers Email - riyagosavi81@gmail.com	(P-35)	Rishavijay
6	Pharmacy & Medicine	PG	Sabale Rutuja Manohar 8767128500	Shardabai Pawar Mahila Art's, commerce & science college Shardanagar.	Studied on Production & Application of novel diet related supplement from Black Soldier Fly. Email - rutuja.sabale.1101@gmail.com	(P-36)	Rutuja



Sr. No.	PROJECT CATEGORY	LEVEL (UG/ PG/ PPG)	Name of the Candidate	College/Institute Name	Title of Project	Code	Signature
7	Pharmace	PG	Jogtap Kartik Rajendra 7666028191	Shri. Shiv. C. college Junnar	visible light Induced preparation of quinoxalinone and their microbial study 8kikartikgs@gmail.com.	P-37	
8	Medicine And Pharmacy	PG	Pathan Aamina Hussain Khan 9156114554	Shri. Shiv. chattrapati college Junnar	Screening of Antimicrobial Activities and Phytochemical studies of Mushroom, Agaricus silvaticus [aaminaK330@gmail.com]	P-38	
			AR C				

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Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

And
Savitribai Phule Pune University, Pune
Jointly Organizing
ZONAL LEVEL AVISHKAR RESEARCH COMPETITION 2023-24
Feedback Form

Date: 31st October, 2023

Participant Name : Kasote Amit Hemant

Name of University/Institution/College: Govt college of engineering & research
avasari tal. Ambegaon dist - Pune

Mobile Number: 7499721608 Email ID: Kasoteamit@gmail.com

❖ **Feedback on Event Organization:**

1) Registration Process:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

2) Arrangement of Event:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

3) Hospitality:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

4) Overall, how would you rate your experience at the Avishkar Research Competition?

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

5) Do you have any other comments or suggestions for the organizers?

Thank you for your feedback! Your input is valuable to us and will help us improve future competitions.


Signature of Participants

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
And
Savitribai Phule Pune University, Pune
Jointly Organizing
ZONAL LEVEL AVISHKAR RESEARCH COMPETITION 2023-24
Feedback Form

Date: 31st October, 2023

Participant Name : Rananavare Shraddha Sudanrao

Name of University/Institution/College: Shradhchandra Pawar College of Engg. & Technology
Someshwarnagar

Mobile Number: 9322047404 Email ID: ssrananavare2000@gmail.com

❖ **Feedback on Event Organization:**

1) **Registration Process:**

☐ Outstanding ☒ Very Good ☐ Good ☐ Satisfactory

2) **Arrangement of Event:**

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

3) **Hospitality:**

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

4) **Overall, how would you rate your experience at the Avishkar Research Competition?**

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

5) **Do you have any other comments or suggestions for the organizers?**

Nothing to suggest, because the overall avishkar competition held in our college is very excellent,

Thank you for your feedback! Your input is valuable to us and will help us improve future competitions.


Signature of Participants

Anekant Education Society's
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(Autonomous)

And

Savitribai Phule Pune University, Pune

Jointly Organizing

ZONAL LEVEL AVISHKAR RESEARCH COMPETITION 2023-24

Feedback Form

Participant Name : Khomane Gaurav Vijay

Date: 31st October, 2023

Name of University/Institution/College: Shamadhandra Pawar college of engg. & Technology
Someshwar nagar

Mobile Number: 735077 2111 Email ID: khomanegaurav444@gmail.com

❖ Feedback on Event Organization:

1) Registration Process:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

2) Arrangement of Event:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

3) Hospitality:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

4) Overall, how would you rate your experience at the Avishkar Research Competition?

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

5) Do you have any other comments or suggestions for the organizers?

Overall organization & competition is very good.

Thank you for your feedback! Your input is valuable to us and will help us improve future competitions.

Signature
Signature of Participants

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

And
Savitribai Phule Pune University, Pune
Jointly Organizing
ZONAL LEVEL AVISHKAR RESEARCH COMPETITION 2023-24
Feedback Form

Date: 31st October, 2023

Participant Name : Auti Ashish Bhagat

Name of University/Institution/College: Govt College of engineering & research
avasari Tal. Ambegaon Dist - Pune

Mobile Number: 9028314212 Email ID: ashishauli22@gmail.com

❖ **Feedback on Event Organization:**

1) Registration Process:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

2) Arrangement of Event:

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

3) Hospitality:

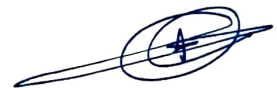
☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

4) Overall, how would you rate your experience at the Avishkar Research Competition?

☒ Outstanding ☐ Very Good ☐ Good ☐ Satisfactory

5) Do you have any other comments or suggestions for the organizers?

Thank you for your feedback! Your input is valuable to us and will help us improve future competitions.



Signature of Participants



SAVITRIBAI PHULE PUNE UNIVERSITY

Internal Quality Assurance Cell (IQAC)

AAVISHKAR - 2023

ZONAL LEVEL RESEARCH PROJECT COMPETITION

Certificate

This is to certify that Mr./Miss. _____

of _____ College / Institute has participated in

Zonal Level Research for UG / PG / Post PG (M.Phil. / Ph.D.) at "AAVISHKAR - 2023" Research Festival, Under _____ category, held at Tuljaram Chaturchand College of Arts, Science &

Commerce, Baramati (Autonomous) on 31st October 2023 and Secured _____ rank.

Prof. (Dr.) Ashok Kalange
Coordinator

Prof. (Dr.) Avinash Jagtap
Principal

Prof. (Dr.) Sanjay Dhole
Director, IQAC



SAVITRIBAI PHULE PUNE UNIVERSITY

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Director, IQAC



SAVITRIBAI PHULE PUNE UNIVERSITY

Internal Quality Assurance Cell (IQAC)

AAVISHKAR - 2023

ZONAL LEVEL RESEARCH PROJECT COMPETITION

Certificate of Participation

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of _____ College / Institute has participated in

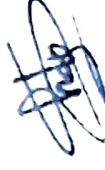
Zonal Level Research for UG / PG / Post PG (M.Phil. / Ph.D.) at "AAVISHKAR - 2023" Research Festival, Under _____ category, held at Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) on 31st October 2023.



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Principal



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Director, IQAC



SAVITRIBAI PHULE PUNE UNIVERSITY

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AAVISHKAR - 2023

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Director, IQAC