

Participation in Avishkar 2018 Conducted by SGBAU Amravati

District level : 18 Dec 2018 (Shivaji Science College Amt)

University level: 26 Dec 2018 (S.G.B.A.U.Amt)



The B.Sc. third year students, **Gaurav Kishorao Dewale and Abiram Mohanrao Lomte** developed **Alternative Miracle vehicle**, **Abhijeet Arunrao Pokale and Mayur Babanrao Puri**, developed **Flood Alert System** and **Purvash Sureshrao Ingle and Prathamesh Prakashrao Bhende** created poster on **Betterment Technology For Agricultural Field**.

These two projects and poster were presented in **District level Avishkar Competition** on **18 Dec 2018** organized by Shivaji Science College. The **Alternative Miracle Vehicle** project was selected and presented in **University level Avishkar Competition** on **26 Dec 2018** organized by SGBAU Amravati University. This project was selected in the **second round of the Avishkar Competition**. There are two batteries installed in this project. One battery drives vehicle and a second battery charge by the alternator while the vehicle is running, the system also has a solar panel and a wind turbine for charging the battery. The control unit automatically interchanges charging of batteries if the battery charging level decreases by 50%. The user can move the car forward, reverse, left, right as per the order of the voice. The battery charge level, charging voltage, working battery etc displays on the LCD.

The students guided by Prof.Sachin A.Winchurkar, Dr. Sumita S. Pande, Prof. Yogesh M.Pharkade, Prof. Siddharth K. Ganvir, Prof. Sudhakar P. Sarkate, Mr. Rajendra Nerkar. Also the students got co-operation from Course In- charges Dr. S.H. Datey, Prof. Ajay P. Chendke, Head of the Department Prof. Deepa P. Vaidya, Vice Principal Dr. Srinivas P. Deshpande. Principal Dr. K. K. Debnath. The Students got valuable support from the Honorable General Secretary of H.V.P.M Padmshri Prabhakarrao Vaidya sir.

List of Students participated in Avishkar 2018

Sr.No.	Name of Students	Category	Topic Name	Type
1	Gaurav Kishorao Dewale Abiram Mohanrao Lomte (B.Sc. III)	Pure Science	Alternative Miracle vehicle	Model
2	Abhijeet Arunrao Pokale Mayur Babanrao Puri (B.Sc. III)	Humanities Languages & Fine Arts	Flood Alert System	Model
3	Prathamesh Prakashrao Bhende (B.Sc. III)	Agriculture & Animal Husbandry	Betterment Technology For Agricultural Field.	Poster



Prof.S.A.Winchurkar

Avishkar Teacher Coordinator

Participation in Avishkar 2019 Conducted by SGBAU Amravati

District level: 07 Jan 2020 (Bhartiya Mahavidyalaya Amravati)



D.C.P.E, H.V.P.M's, B.Sc. third year students, Roshan N. Bhagele and Deepak G. Kavale developed flood Alert and protection system project and participated at district level Avishkar competition 2019-20 organized by Bhartiya Mahavidyalaya Amravati under the aegis of S.G.B.A.U. Amravati.

The main purpose of this system is to send SMS to the people about the danger if the water level of the river rises above particular level. Assistant Prof. Sachin A. Winchurkar guided the students, Course In- charge Prof. S.H. Datey, Head of the Department Prof. Deepa P. Vaidya, Dr. Srinivas P. Deshpande, Principal Dr. K. K. Debnath motivated the students. Student got valuable support from Honorable Padmshri Prabhakar Rao Vaidyasir, the Secretary of the H.V.P.M.

Prof. S.A. Winchurkar

Avishkar Teacher Coordinator

List of Students participated in Avishkar 2019

Sr.No.	Name of Students	Category	Topic Name	Type
1	RoshanN.Bhagele Deepak G. Kavale (B.Sc. III)	Humanities languages & Fine Arts	Flood Alert and Protection System	Model



Prof.S.A.Winchurkar

Avishkar Teacher Coordinator

Participation in Avishkar 2022 Conducted by SGBAU Amravati

District level : 12 Dec 2022 (P.R. Pote College of Engineering & Management Amt)

University level : 16-17 Dec 2022 (S.G.B.A.U.Amt)

State level : 11-14 Jan 2023 (Savitribai Phule Pune University)



On December 12, 2022, the District level Avishkar Competition organized by the P.R. Pote College of Engineering & Management Amt. Students from our B.Sc., B.B.A., B.C.A. & B.A. yogshastra programme participated in poster and model exhibition. Two projects "Handicapped Eating Machine" by Arjun Panditrao Mahore and "Agnirakshak" by Prof. S.K. Ganvir secured the first prize and presented at the University level Avishkar Competition held at SGBAU Amravati University. Impressively, both projects emerged as winners at the university level and were subsequently selected to compete in the state level Avishkar Competition at Savitribai Phule Pune University. "Handicapped Eating Machine" by Arjun Panditrao Mahore presented at state level Avishkar Competition at Savitribai Phule Pune University.

Throughout their journey, Prof. Sachin A. Winchurkar ,Prof.S.K.Ganvir,and Dr. Arjoo Rode provided valuable guidance to the students, while the course in-charges, namely Dr. Ajay P. Chendke, Dr. S.S. Pande, and Dr. S.B. Kale, offered valuable cooperation and support. Prof. Deepa P. Vaidya, the Head of the Department, and Vice Principal Dr. Srinivas P. Deshpande played vital roles in supporting and assisting the students. The Principal of the college, Dr. U.N. Manjare, continuously provided encouragement and guidance to the students, ensuring their success.

Furthermore, the Honorable General Secretary of H.V.P.M, Padmshri Prabhakararrao Vaidya, offered valuable support to the students throughout their journey.

List of Students participated in Avishkar 2022

Sr.No.	Name of Students	Category	Topic Name	Type
1	Arjun Panditrao Mahore (BA Yogshastra)	Humanities Languages & Fine Art	Handicapped Eating Machine	Model
2	Vrushabh Rajendra Bannore (FYBCA) Vivek Vijay Ingale (FYB.Sc.)	Pure Sciences	Communication using Lifi Technology	Model
3	Satish S. Rathod (FYBBA) Pavan S. Punse (FYBBA)	Agricultural & Animal husbandary	Business with animal products	Poster
4	Rohini Sakhe SYBBA Vaishnavi Marodkar SYBBA	Agricultural & Animal husbandary	Commercial Farming	Model
5	Himanshu Manoj Mudgal FYBBA Mitanshu A Pohare FYBBA	Commerce Management & Law	Awareness About Insurance	Poster
6	Abhishek S Chaudhari FYBCA	Humanities Languages & Fine Art	Types of languages	Poster
7	Atharv Paithankar (TYBBA) Ashlesh Bhuyar(TYBBA)	Commerce Management & Law	Hi! Kisaan Application for better management of farmers	Poster
8	Prof.S.K.Ganvir (Asst.Professor)	Post PG	Agnirakshak	Model



Prof.S.A.Winchurkar

Avishkar Teacher Coordinator

Participation in Avishkar 2023 Conducted by SGBAU Amravati

District level : 23 Dec 2023 (P.R. Pote College of Engineering & Management Amt)

University level : 26-27 Dec 2023 (S.G.B.A.U.Amt)

State level : 11-14 Jan 2024 (Savitribai Phule Pune University)



On December 23, 2023, the District level Avishkar Competition organized by the P.R. Pote College of Engineering & Management Amt. One faculty member & Students from our B.C.A. & B.A. yogshastra programme participated in poster and model exhibition. Projects "Agnirakshak" & "Empowering Diagnosis of COVID-19 using Deep Learning Techniques For X-Ray Imaging" by Prof. S.K. Ganvir secured the first prize. The "Load easy assist Device" by Arjun Panditrao Mahore secured second prize. Both projects presented at the University level Avishkar Competition held at SGBAU Amravati University.

Throughout their journey, Prof. Sachin A. Winchurkar, Prof. Y.M. Pharkde and Prof. J.M. Kale provided valuable guidance to the students, while the course in-charges, namely Dr. Ajay P. Chendke, Dr. S.S. Pande, offered valuable cooperation and support. Prof. Deepa P. Vaidya, the Head of the Department, and Vice Principal Dr. M.S. Chendke played vital roles in supporting and assisting the students. The Principal of the college, Dr. S.P. Deshpande, continuously provided encouragement and guidance to the students, ensuring their success.

Furthermore, the Honorable General Secretary of H.V.P.M, Padmshri Prabhakar Rao Vaidya, offered valuable support to the students throughout their journey.

List of Students participated in Avishkar 2023

Sr.No.	Name of Students	Category	Topic Name	Type
1	Arjun Panditrao Mahore (B.A. Yogshastra)	Engineering & Technology	Load easy assist Device	Model
2	Abhishek S Chaudhari FYBCA	Humanities Languages & Fine Art	Mass Media	Poster
3	Prof.S.K.Ganvir Asst.Professor D.C.P.E. H.V.P.M.	Post PG (Humanities Languages & Fine Art)	Agnirakshak	Model
		Post PG (Medical & Pharmacy)	Empowering Diagnosis of COVID-19 using Deep Learning Techniques For X-Ray Imaging	Model



Prof.S.A.Winchurkar

Avishkar Teacher Coordinator