

GUIDANCE TO STUDENTS ASPIRING TO PARTICIPATE IN AAVISHKAR- A RESEARCH PROJECT COMPETITION.

Aavishkar is a research festival which provides platform for all students to present and globalize their innovations, ideas and skills. KBCNM University, Jalgaon has taken special efforts to encourage the students from rural and urban areas of Khandesh for active participation in Aavishkar. In our college, Science Association conducted guidance to students aspiring to participate in Aavishkar. This activity is specially designed for advanced learners, aimed to foster creativity, critical thinking, and research skills among them. We hoped to encourage students to delve into various topics of interest, conduct research, and present their findings through posters or models through this activity.

Total 14 students and teachers were participated in this activity conducted on 18th October to 20th October 2022. Advanced learners were provided with guidance on how to conduct research effectively. This included techniques for literature review, data collection through experiments, surveys or other means, analyze their findings, and draw conclusions. Students were encouraged to explore diverse topics across various disciplines. Students were prompted to generate ideas for their research projects based on their interests, curiosities, and real-world issues. They were encouraged to think critically and creatively to identify research questions worth exploring. They were also guided to design visually appealing posters or models that effectively communicate their research process and outcomes.

Outcomes of the Activity:

Through this Guidance to students aspiring to participate in Aavishkar activity students developed their research skills, including problem-solving, critical thinking and data analysis. They learned to approach complex issues systematically and creatively. Students improved their communication skills by presenting their research findings in poster or model form. They learned to convey complex ideas concisely and clearly to their peers and teachers. Presenting research findings in a public forum boosted students' confidence and self-esteem. They gained valuable experience in articulating their ideas, defending their conclusions.

Result:

Through these activity 14 students, teachers were participated in District level Aavishkar competition conducted at M. J. College, Jalgaon on 18th October 2022. The participants are as follows:

Sr. no.	Name of the student	Class	Title of Research presentation
1.	Dnyeshwari K.Rathod	TYBSC	Organic and Inorganic Farming
2.	Vaishnavi B. Tikande	TYBSC	
3.	Harshada S. Kadam	TYBSC	Smart Johnny Gown: Remedial suit for health care
4.	Pratiksha A.Joshi	TYBSC	
5.	Riya G. Wadhvani	TYBSC	Mashroom: As a cheap and best food for near future
6.	Minal R. Patil	TYBSC	
7.	Shalmali A. Dhiware	TYBSC	Biofuel: Greener alternative
8.	Dhananjay G. Patil	TYBSC	
9.	Rutuja Bharat Pardeshi	TYBSC	Plastic composite mixture: A greener versatile alternative for construction of road
10.	Devyani Pravin Patil	TYBSC	
11.	Roshani A.Kumavat	TYBSC	Depression
12.	Anuja K.Sonawane	TYBSC	
13.	Prof. Sanjay E. Pate	PPG (Research Scholar)	Handwritten devnagari character dataset of 44000character image for devnagari script captcha generation
14.	Dr. Ujawala P.Nannavare	TH	Kavayitri bahinabai chaudhari yanchya kavintancha aadhunik samajacha abhyas

From among these students projects selected for University level presentation are

Sr. no.	Name of the student	Class	Title of Research presentation
1	Rutuja Bharat Pardeshi	TYBSC	Plastic composite mixture: A greener versatile alternative for construction of road
2	Devyani Pravin Patil	TYBSC	
3	Prof. Sanjay Eknath Pate	PPG (Research Scholar)	Handwritten devnagari character dataset of 44000 character image for devnagari script captcha generation

Participation in Student's Seminar Presentation at Jamner-

The university level student's seminar presentations were organized by KBCNMU in collaboration with G.D.M. arts, K.R.N. Commerce and M. D. Science college Jamner, Dist.-Jalgaon. This presentation competition held on 15th October 2022 at G.D.M. arts, K.R.N. Commerce and M. D. Science college Jamner, Dist.-Jalgaon. For this, from our college 2 students were participated. The participants are follow.

Sr. no.	Name of the student	Class	Theme of presentation
1	Shalmali A. Dhiware	TYBSC	New Horizons in science and technology
2	Pratiksha A.Joshi	TYBSC	Earth 2050: Prediction for next generation

Avishkar – 2022-23



Student Presenting Model at AVISHKAR



Student Participation in AVISHKAR


Convener
Science Association