

चान्सलर इव्हेंट्स सोव्हिनिअर
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आविष्कार

12th Maharashtra State Inter-University Research Convention Avishkar-2017

January 15-17, 2018 held at
(Mahatma Phule Krishi Vidyapeeth, Rahuri)

Avishkar a novel, research oriented event designed with the intention to inculcate research culture among the College/University students, to encourage original and out-of-the-box thinking, to provide an opportunity for expression of academic talent and to promote interaction among academia. industry and research institutes. This research convention was initiated by His Excellency, the then Governor and Chancellor of Universities in the state of Maharashtra, Shri S. M. Krishna in 2006.

The 12th Maharashtra State Inter-University Research convention **AVISHKAR-2017** was organized by Mahatma Phule Krishi Vidyapeeth, Rahuri from January 15- 17, 2018. Thirty Four students along with three team Managers Dr. Sujata Kale, Dr. Aniket K. Gade, and Mr. Suhas Pachpande participated in the event from Sant Gadge Baba Amravati University.

Total 584 participants from 20 different State Universities participated in the event. The inaugural function of the event was held on 15th January, 2018 from 11:00am onwards. Dr. Vijay Bhatkar, Hon'ble Chancellor, Nalanda University, as a Chief Guest and Dr. K. P. Vishwanath, Vice-Chancellor, Mahatma Phule Krishi Vidyapeeth as a Chairman. Inaugural function was followed by the evaluation of poster presentation of the participant by the judges.

On 16th January 2018 from 9:00am onwards the podium presentation for the shortlisted candidates was organized discipline-wise at different locations in the University campus. Out of 34 total 13 students from our University contingent were short listed for the next stage of presentations.

On 17th January. 2018 valedictory function was held from 11:00 am onwards. Among 13 shortlisted candidates from the University contingent, three students received first prize along with the cash prize of Rs 5.000/- each. The students are

- 1) Mr. Yash Pramod Puri at UG level in the discipline of Pure Sciences.
- 2) Mr. Harshal Yashwant Patil at UG level in the discipline of Engineering and Technology, and
- 3) Mr. Pratik Kishor Deshmukh at PPG level in the discipline of Agriculture and Animal Husbandry.

Sant Gadge Baba Amravati University also received the rotating trophy in the discipline of Agriculture and Animal Husbandry. Mumbai University received the Winners General Championship trophy and S. P. Pune University received the

Co-ordinator, Avishkar Cell

Dr. A.S. Aswar

Department of Chemistry
Sant Gadge Baba University, Amravati

Dist. Co-ordinator, Avishkar Cell

Dr. D.V. Hande

Shri Shivaji Science College, Amravati

Dr. S.P. Deshmukh

Shri Shivaji College of Arts, Commerce & Science, Akola.

Dr. A. M. Garode

Shri Shivaji Science College, Chikhli, Dist. Buldana

Dr. A. B. Lad

Amolakchand Mahavidyala, Yavatmal

Dr. A. H. Shinde

Yashanvantrao Chavhan Arts & Science Mahavidyala, Mangrulpir, Dist. Washim

The details of the participants for Inter University Research Convention, AVISHKAR-2017 from Sant Gadge Baba Amravati University are as follows :

AGRICULTURE & ANIMAL HUSBANDARY

Sr. No.	Name & Institution	Level	Title
01	Mr. Pratik P. Kuduse DES, College of Engg. & Tech. Dhamangaon Rly. Dist. Amravati.	UG	Design and Fabrication of Field Grass Cutter
02	Ku. Swati Rajaram Wadurkar S.S.S.K.R. Innani Mv. Karanja Lad Dist. Washim	UG	Bio pesticides A way towards Sustainable Agricultural development.
03	Mr. Akshay M. Pete Dept. of Biotechnology SGB Amravati University, Amravati	PG	Synthesis of carbon nanoparticles from fruit wastes
04	Miss. Varsha Dashrath Yannewar Shri R.L. T. Science College Akola	PG	Preparation of Harbal Tablets from waste material for food preservation
05	Mr. Pratik Kishor Deshmukh VMV, Amravati	Post PG	Innovative approach against crop damage due to giant african snail found in Maharashtra
06	Ku. Pooja P. Mankar Shri Shivaji College of Arts Commerce and Science, Akola	Post PG	Metal nano priming technology for promoting seed germination and crop fertility
07	Mr. Amrut G. Gaddamwar DES. College of Engg. & Tech. Dhamangaon Rly. Dist. Amravati	Teacher	Investigation of effect of bio- pesticide on Chickpeas Crop.

PURE SCIENCES

Sr. No.	Name & Institution	Level	Title
08	Mr. Yash Pramod Puri Shri Shivaji Science College, Amravati	UG	5 in 1 Multipurpose Domestic Unit
09	Ms. Priya Wankhade R.L.T. College of Science, Akola	UG	Impact of idol immersion on water
10	Mr. Vaibhav. Arun Bhagat G.V.I.S.H., Amravati	PG	Enhancement of capacity of photovoltaic cell, warming of water by using hollow convex lens and purification by using nano-structured thin films.
11	Ku. Rupali D. Jadhav Dept. of Chemistry SGB Amravati University, Amravati	PG	An eco-friendly & expedient synthesis of Diethyl 4-(furan-2-yl) 2,6 dimethyl-1, 4 dihydropyridine-3, 5 dicarboxylate
12	Mr. Sandip S. Pande Adarh Science College Dhamangaon Rly., Dist. Amravati	Post PG	Automatic Test Pattern Generation Using Combinational Logic Circuits
13	Mr. Priyanka B. Arekar Adarh Science College Dhamangaon Rly., Dist. Amravati	Post PG	Antimicrobial Effect of antibiotics and essential oils of ajwain and cardamom against uropathogen.

COMMERCE, MANAGEMENT AND LAW

14	Ku. Gayatri Rajendra Zale Art Commerce and Science College Chikhaldara Dist. Amravati	UG	Naturopathy centers and economic development of tribal in Melghat
15	Mr. Rohan P. Bundeale Shri Shivaji Arts, Commerce And Science College Akola	UG	Waste food Managment
16	Insiyah Daud Vora R.L.T. Science College Akola	PG	Financial issue of non self sufficient widows
17	Ku. Rakshita A. Mishra Dept. of Busi. Admin. & Mang., SGB Amravati University, Amravati.	PG	Power of emotional appeals in TV commercial - A study

ENGINEERING & TECHNOLOGY

18	Mr. Harshal Yashwant Patil Govt. College of Engineering, Amravati.	UG	Design of Perfect Steering Mechanism
19	Mr. Suhas Samadhan Jaybhaye MGI, College of Engg. & Tech. Shegaon	UG	DAKSH- Multifunctional Surveillance UGC based on RF technology
20	Mr. Nutan Sunil Thakare Govt. College of Engineering, Amravati.	PG	MEMS Based Ultrasonic Drenquency Disc Resonator for Energy Harvesting Application
21	Mr. Shubham Ashok Bhore Spina C.O.E.T. Amravati.	PG	A novel multitasking agriculture Rogot

ENGINEERING & TECHNOLOGY

Sr. No.	Name & Institution	Level	Title
22	Miss. Archana O. Vyas Department of Applied Electronics, S.G.B. Amravati. University, Amravati.	Post PG	Object oriented steganography using LSB
23	Mr. Saurabh S. Deshmukh Shri. Shivaji Science College, Amravati	Post PG	Android Microscope
24	Mr. Prathamesh Vasant Phadke H.V.P. Mandal's College of Engineering & Technology, Amravati.	Teacher	M-Kathi for Blind Person

HUMANITIES, LANGUAGES AND FINE ARTS

25	Mr. Vivek B. Meshram Amolakchand Mahavidyalaya, Yavatmal	UG	Kumari Mata
26	Mr. Akshay Varhekar H.V.P.M., Amravati	UG	Smart Voice Control Wheel Chair.
27	Ku. Rani Pramod Ghatge Dept. of Biotechnology S.G.B. Amravati University, Amravati.	PG	Exploration of metagenomic approach for cellulosic waste degradation (disposal)
28	Miss. K. N. Mangtani R.L.T. Science College, Akola	PG	Study of self defense and self dependent : problems of women Era
29	Mr. Anand R. Yadev Dept. of Biotechnology S.G.B. Amravati University, Amravati	Post PG	Innovative product for water disinfectant- mineral generation & vegetable Cleaner

MEDICINE AND PHARMACY

30	Mr. Prathamesh Nikam Vidyabharti Mahavidyalaya, Amravati	UG	D-Spectacle phone for deaf people
31	Mr. Mayur Rathi Rajarshri Shahu Pharmacy College, Amravati	UG	Preparation and Evaluation of Wound Healing Gel.
32	Ku. Rucha Mrudul Mohata Government College of Pharmacy, Amravati	PG	Case Report on Pemphigus Vulgaris
33	Ku. Vaidehi Sanjay Sarda Dept. of Biotechnology S.G.B. Amravati University, Amravati	PG	New and ecofriendly facial antimicrobial cream
34	Mr. Vinay Jagdish Nagalkar Babasaheb Naik College of Engg. Pusad, Dist. Yavatmal	Post PG	Quantification and Identification of major brain diseases using digital image processing
35	Mr. Sohail Nawaz Shaukat Ali Khan Adarsh Science College, Dhamangaon Rly. Dist. Amravati	Post PG	Neonatal Spticemia Frequency and Antibiotic Sensitivity of Klebsiellapneumoniae
36	Mr. U.M. Joshi Anuradha College of Engg. Chikhali, Dist. Buldhana	Teacher	Extraction of Novel Seed Gum from a Locally Available Plant and Its Characterization.



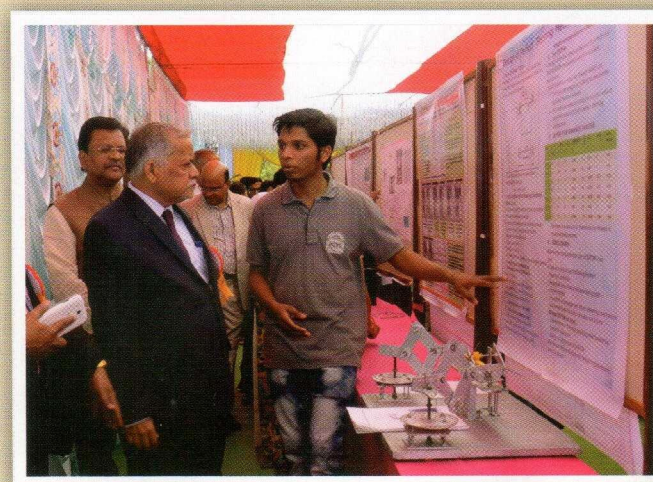
Guest with Avishkar Committee



Hon'ble VC Dr. Murlidhar Chandekar Felicitating the Guest Hon'ble VC Dr. Pandit Vidyasagar



Our Prize winners at National Level Avishkar 2017



Hon'ble VC Dr. Murlidhar Chandekar and the Guest Hon'ble VC Dr. Pandit Vidyasagar Interacting with Participants



Address by Hon'ble Pro VC Dr. Rajesh Jaipurkar
During Inaugural Function Avishkar 2017



Prize Distribution by
Hon'ble Pro VC Dr. Rajesh Jaipurkar
University Team



Presentation of Models by Participants
at University Level Aviskar



Prize Distribution to University Team by
Hon'ble Pro VC Dr. Rajesh Jaipurkar



Displaying Models of University Level Avishkar 2017



Inauguration of Avishkar 2017



Hon'ble Dr. Pandit Vidyasagar,
Hon'ble Pro-VC Dr. Rajesh Jaipurkar
Interacting with the Participants



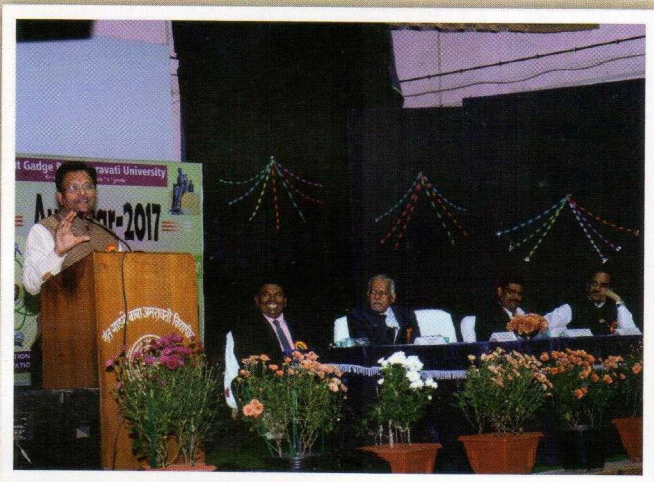
Inauguration Function of Avishkar 2017
Hon'ble VC Dr. Murlidhar Chandekar,
Hon'ble VC Dr. Pandit Vidyasagar



Hon'ble VC Dr. M. G. Chandekar Interacting with Guest Hon'ble VC Dr. Pandit Vidyasagar



Felicitation of Winner Team by Hon'ble Vice Chancellor Dr. M. G. Chandekar



Hon'ble Vice Chancellor Dr. Murlidhar Chandekar Addressing the Gathering



Prize Distribution by Hon'ble Pro Vice Chancellor Dr. Rajesh Jaipurkar University Team