AVISHKAR 2017

It gives us an immense pleasure to write a report of the Zonal Level Research Project Competition AVISHKAR 2017 at SNJB's KKHA Arts, SMGL Commerce & SPHJ Science College, Chandwad which was held on 24th November 2017.

The research project competition was successfully conducted at Nashik Zonal Level. Innovative projects were invited from students of UG, PG, PPG as well as teachers of 38 colleges from Kalwan, Satana, Malegaon, Nandgaon, Deola, Chnadwad Talukas which is affiliated to Savitribai Phule Pune University, Pune.

Before zonal Level competition, 'One Day Workshop on AVISHKAR' was conducted on Friday, 29th September 2017 which was inaugurated by Dr. Ravindra Jaybhaye, OSD, SPPU. 200 students actively participated and attended this workshop. Dr. Jaybhaye guided the students regarding scheme of AVISHKAR and what is expected in the projects and how to interpret it in innovatively. Also Dr. Snjay Auti guided the students that how to present our own findings in different ways giving demonstrations. This workshop definitely benefited for students.

The zonal Level program was inaugurated by Chief Guest Dr. Dhanraj Mane, Director, Higher Education, Pune and Dr. V. B. Gaikwad, Dean, Faculty of Science & Tech. SPPU, Pune, and OSD Dr. Ravindra Jaybhaye, Shri. Bebilalji Sancheti, President SNJB Chandwad, Shri Kantilalji Bafna, Shri Mahavirji Parakh, Shri. P.P. Galankar and Prin. Dr. G. H. Jain.

165 projects from 38 colleges were presented their work in different categories. All projects in different categories were evaluated by renowned experts in their field of study. It includes Dr. S.D. Dhole, Dr. U.A. Ashturkar, Dr. A.V. Borhade, Dr. D.B. Shinde and Prof. R J Khaire.

There are 23 projects are shortlisted by experts for next University Level Research Project Competition AVISHKAR 2017.

We are thankful to Hon'ble Prof. Nitin R. Karmalkar, Vice-Chancellor, Dr. V.B. Gaikwad, Dean and Dr. Ravindra Jaybhaye for giving an opportunity to organize Zonal Level AVISHKAR competition at our college.

Dr. Ganesh Patil
ARC/Co-ordinator

Dr. G. H. Jain
Principal

'One Day Workshop on AVISHKAR' was conducted on Friday, 29th September 2017 which was inaugurated by Dr. Ravindra Jaybhaye, OSD, SPPU

SNJB's
Karmvir K.H. Abad Arts, Shri M.G. Lodha Commerce and
Shri P. H. Jain Science College, Chandwad Dist- Nashik
ONE DAY WORKSHOP
ON
AVISHKAR 2017
Sponsored by
Savitribai Phule Pune University, Pune
Friday, 29th Sept., 2017

Zonal Level AVISHKAR 2017

The zonal Level program was inaugurated by Chief Guest Dr. Dhanraj Mane, Director, Higher Education, Pune and Dr. V. B. Gaikwad, Dean, Faculty of Science & Tech. SPPU, Pune, and OSD Dr. Ravindra Jaybhaye, Shri. Bebilalji Sancheti, President SNJB Chandwad, Shri Kantilalji Bafna, Shri Mahavirji Parakh, Shri. P.P. Galankar and Prin. Dr. G. H. Jain.

श्री. नेमिनाथ जैन ब्रह्मचर्याश्रम संचलित
कर्मवीर के.ह.आवड कला, श्रीमान मो.गि.लोढा वाणिज्य व श्रीमान पी.एच.जैन विज्ञान महाविद्यालय
आविष्कार - २०१७ संशोधन महोत्सव
शुक्रवार, दि. २४ नोव्हेंबर २०१७
शुभेच्छुक : विश्वस्त समिती, प्रबंध समिती, नेमिनगर, चांदवड

आविष्कार - २०१७ संशोधन महोत्सव
शुक्रवार, दि. २४ नोव्हेंबर २०१७
अध्यक्ष श्री. संतोकचंदजी पेमराजजी सुराणा
शुभेच्छुक : विश्वस्त समिती, प्रबंध समिती, नेमिनगर, चांदवड

श्री. नेमिनाथ जैन ब्रह्मचर्याश्रम संचलित
कर्मवीर के.ह.आवड कला, श्रीमान मो.पि.लोढा वाणिज्य व श्रीमान पी.एच.जैन विज्ञान महाविद्यालय
आविष्कार - २०१७ संशोधन महोत्सव
शुक्रवार, दि. २४ नोव्हेंबर २०१७
अध्यक्ष श्री. संतोकचंदजी पेमराजजी सुराणा
शुभेच्छुक : विश्वस्त समिती, प्रबंध समिती, नेमिनगर, चांदवड

Screening of Ellagic Acid in Chronic Constriction Injury Induced Peripheral Neuropathy In Rats
INTRODUCTION
EXPERIMENTAL PROTOCOL:
RESULT
METHOD AND MATERIAL:
REFERENCES:

Savitribai Phule Pune University

(Formerly University of Pune)

***Telephone No.*:**
020-25601263

Email:
osd_bcud@unipune.ac.in

University Research Cell
Ganeshkhind,
Pune - 411 007.

Ref. No.212/49

Date: 08/09/2017

To,
The Principal/ Director,
Kam. Keshavlalji harchandji Aabad Kala,
Shriman Motilalji Girdharilalji Lodha Commerce
& Sicence (Senior) & Shriman Pemrajaji Dalichandji surana Arts &
commerce (Junior) College, Neminagar, Chandwad, Nashik 423101

Subject: Orientation lectures for AVISHKAR - 2017

I am happy to inform you that your college / institute have been selected to orgnaize orientation lectures for Avishkar-2017. These lectures will be organized for the students who participate in Avishkar from your college and nearby other colleges of the region. It is expected to highlight on the concept of AVISHKAR, the details of competition and relevant areas in which projects can be carried out. This activity has given a momentum in inculcating research among the UG/ PG/ Doctoral students and Teachers.

An amount of Rs.10, 000/- (Rupees Ten thousand only) is sanctioned towards the expenditure (Tea and snacks, expert Honorarium (Rs.2, 000/-), TA/DA to experts and miscellaneous expenditure) to organize the lectures. The date of the orientation lectures shall be decided as per your convenience, before the 14th October, 2017. For any further clarification, you may contact on Phone No: **020-25601263** and Email: **osd_bcud@unipune.ac.in**

With Regards,

Dr. S. P. Bathe
Dy. Registrar

सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)

विद्यापीठ संशोधन कक्ष
सावित्रीबाई फुले पुणे विद्यापीठ,
पुणे—४११ ००७.

दुरध्वनी क्र.
(०२०) २५६०१२६३
ई मेल:— osd_bcud@unipune.ac.in

संदर्भ क्र. :२३८ दि.03/१०/२०१७

प्रति,

मा. प्राचार्य /मा. संचालक,
सावित्रीबाई फुले पुणे विद्यापीठ संलग्न महाविद्यालये,
व मान्यता प्राप्त शिक्षण संस्था.

महोदय,

मा. राज्यपाल, महाराष्ट्र राज्य यांनी विद्यापीठ व महाविद्यालयांत संशोधन संस्कृती रूजविण्याच्या दृष्टीने **'आविष्कार'** या नावाने संशोधन प्रकल्प स्पर्धा सुरू केली. आतापर्यंत सावित्रीबाई फुले पुणे विद्यापीठाने राज्यस्तरीय आविष्कार स्पर्धेत दैदिप्यमान कामगिरी केली आहे. या वर्षी **'आविष्कार — २०१७'** मध्ये ही यशोमालिका अबाधित ठेवण्याची जबाबदारी आपणा सर्वांची आहे. त्यासाठी आपल्या महाविद्यालयातून/संस्थेतून जास्तीत जास्त विषय गटात विद्यार्थ्यांचा सहभाग अपेक्षित आहे.

कळावे,

(डॉ. एस.पी.बाठे)
उपकुलसचिव

- **सोबत 'आविष्कार — २०१७' चे वेळापत्रक.**
- **प्रत्येक आयोजन केंद्रात येणाऱ्या विभागाची माहिती.**

Savitribai Phule Pune University

University Research Cell

Regional Level Student Research Competition

"AVISHKAR – 2017"

Time Table

District	Name of Region	Date	Co-ordinator Name (Contact No.)	Principal / Director Name
Nashik	SNJB's KKHA Arts, SMGL Commerce & SPHJ Science College Chandwad, Dist-Nashik 01	24th November, 2017	Dr. Ganesh Patil (9403021344)	Dr. Gotan H. Jain
	MVP Smaj's Karmaveer Shantarambapu Kondaji Wavre Arts, Science & Commerce College, Cidco, Dist- Nashik-422008	25th November 2017	Dr. Dnyaneshwar N. Pawar (9922754035)	Dr. D. B. Shinde
A'nagar	Shri Shivaji Shikshan Prasarak Mandal's Arts, Science & Commerce College, Rahuri, Dist- Ahmednagar 413705	10th December, 2017	Prof. Suryakant S. Gadkari (9226148216)	Dr. Sambhaji Pathare
	Rayat Shikshan Sanstha's Radhabai Kale Mahila Mahavidyalaya, Opposite Tarakpur Bus Stand,Ahmednagar.	12th December 2017	Dr. Hemantkumar N. Akolkar (9970646574)	Dr. D. D. Patil
Pune	Marathwada Mitra Mandal's College of Pharmacy, Thergaon (Kalewadi), Pune-411033.	28th October, 2017	Dr. Pramod L. Ingale (9822493075)	Dr. Manohar J. Patil
	P.E.S's Modern College of Arts, Science & Commerce College, Shivajinagar, Pune- 411005.	5th December, 2017	Dr. Anjali Sardesai (9325382444)	Dr. R. S. Zunjarrao
	Dr. D.Y.Patil College, Arts , Commerce & Science College Akurdi Pimpri, Pune-411044.	6th December, 2017	Ms. Anjali Akiwate (9673864055)	Dr. Mohan Waman
	Bharatiya Jain Sanghatana's College of Arts, Science & Commerce, Wagholi, Pune- 412207.	16th December, 2017	Dr. Rupali Ajesh Gulalkari (9850677833)	Dr. Babasaheb Sangale
	Ness Wadia College of Commerce, Pune-41101	18th December, 2017	Dr. Manohar Sanap (7588606291 / 9881748881)	Dr. Girija Shankar
	All India Shri Shivaji Memorial Society's College of Engineering, Kennedy Road, Near R.T.O., Shivajinagar, Pune- 411001	19th December, 2017	Mr. Manoj R. Dahake (9890851785)	Dr. D. S. Bormane
University Campus	Savitribai Phule Pune University, Pune - 411007	15th December 2017	Dr. Mohan Waman (020-25601263)	

Dr. S. P. Bathe,
Dy. Registrar

Savitribai Phule Pune University, Pune
Project selected for University level 'Avishkar 2017'
Friday, 24th Nov.. 2017
SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad Dist- Nashik

Category: - Humanities, Languages & Fine Arts

Sr. No.	Code	Name of the Student/s	Mobile	Email Id	Name of the College	Title of Project
UNDER GRADUATE						
1.	HLA/UG/04	Pardeshi Prajakta Vijaysingh	9422763128	prajaktapardeshi7@gmail.com	M.S.G. Arts, Com, and Sci. College, Malegaon, Nashik	Efforts To Prevent Juvenile Delinquency
		Kadam Maheshwari Nandlal	9673088253	----		
2.	HLA/UG/15	Jain Suchita Santosh	9422657643	suchu9898@gmail.com	Arts, Com, Sci College, Manur, Kalwan	Student College Smart Card
		Shewale Nikita Ramesh	8805373879	nikitashewale04@gmail.com		
POST GRADUATE						
1.	HLA/PG/04	Deshmukh Dhanashri Harichandra	8317231383	dahaledb@gmail.com	K.K. Wagh Arts, Com and Sci. College, Pimpalgaon (B)	अल्पपरिचय शब्दकोश
		Ahire Suvarna Yashwant	8600680614	--		
TEACHER						
1	HLA/T/01	Paul Bhavana Shripati	9552311140	Samvidhan10@gmail.com	K.K. Wagh Arts, Com and Sci. College, Pimpalas Ramache, Niphad, Nashik	डॉ. बाबासाहेब आंबेडकरांच्या चळवळीतील दलितेत्तर महिलांचा सहभाग एक चिकित्सक अभ्यास

Patil

Dr. Ganesh Patil
Coordinator

Dr. G. H. Jain
Principal

PRINCIPAL
Karmvir Keshavlalji Harakchandji Abad
Arts, Shriman Motilalji Girdharilalji Lodha
Commerce and Shriman P.H.Jain Science
College, Chandwad, Dist.Nashik

Savitribai Phule Pune University, Pune
Project selected for University level 'Avishkar 2017'
Friday, 24th Nov.. 2017
SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad Dist- Nashik

Category: - Pure Science

Sr. No.	Code	Name of the Student/s	Mobile	Email Id	Name of the College	Title of Project
UNDER GRADUATE						
1	PS/UG/04	Chavan Dattatray Sampat	8308909683	Dattatraychavan2441997@gmail.com	N.V.P.M. Arts, Com, Sci. College, Lasalgaon, Nashik	Dyeing of Cotton Fabric By Using Selected Natural Extractions
		Wagh Sagar Ashok	9637588564	Sagarwagh164@gmail.com		
2	PS/UG/37	Gavit Rupesh Shankar	8275817922	Rupeshgavit06@gmail.com	KAANMS College, Satana, Nashik	Construction of Solar cell Using Damaged And Wasted CD's
		Hyalij Sapna Ramdas	9881344837	sapnahyalij@gmail.com		
3	PS/UG/09	Akshay Sanjay Watpade	8805575006	Watpadeakshay210697@gmail.com	K.K. Wagh Arts, Com and Sci. College, Pimpalgaon (B)	Temperature Based Fan speed control
		Akshay Somnath Shinde	9767353329	Shindeakshay449@gmail.com		
4	PS/UG/24	Deore Yashashri Sharad	9967585842	yashashrideore@gmail.com	Loknete Dr. J D Pawar College of Pharmacy, Manur, Kalwan	Electrostatic Trans Precipitation With Spraying Corona Discharge Model
		Nikam Ganesh Kanhu	9881918395	Nikamganesh078@gmail.com		
Teacher						
1	PS/T/03	Dr.D.R. Patil	9421522007	drdrpatis@yahoo.com	SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad	Automation for SILAR Depostion System

Dr. Ganesh Patil
Coordinator

Dr. G. H. Jain
Principal

PRINCIPAL
Karmvir Keshavlalji Harakchandji Abad
Arts, Shriman Motilalji Girdharilalji Lodha
Commerce and Shriman P.H.Jain Science
College,Chandwad, Dist.Nashik

Savitribai Phule Pune University, Pune
Project selected for University level 'Avishkar 2017'
Friday, 24th Nov.. 2017
SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad Dist- Nashik

Category: - Medicine and Pharmacy

Sr. No.	Code	Name of the Student/s	Mobile	Email Id	Name of the College	Title of Project
UNDER GRADUATE						
1.	MP/UG/11	Bagul Mahesh Bhika	9420830351	bagulmahesh12298@gmail.com	Divine College of Pharmacy, Satana, Dist- Nashik	Determination of melting point of fat
		Yadav Shravankumar Santlal	9967849167	shravankumaryadav049@gmail.com		
2.	MP/UG/07	Kalyani Rajendra Deore	7447211908	kalyanideore49@gmail.com	KBHSS Trusts Institute of Pharmacy, Bhaygaon Road, Malegaon Dist- Nashik	Ampoule filling machine for small scale laboratory purpose
		Pooja Raosaheb Patil	7264077696	poa.patil@gmail.com		
3	MP/UG/13	Deshmukh Sampada Laxman	7588758733	sampadadeshmukh167@gmail.com	Loknete Dr. J D Pawar College of Pharmacy, Manur, Kalwan	Development of 2D & 3D QSAR models of aryl thiazole derivatives for antimicrobial activity
		Ichale Rushikesh Vishnu	8805810372	rushikeshichale531998@gmail.com		
POST GRADUATE						
1.	MP/PG/04	Deore Samadhan Kashinath	9637381034	Samadhandeore0@gmail.com	Loknete Dr. J D Pawar College of Pharmacy, Manur, Kalwan	To Enhance efficiency of Filtration process by using novel filter paper
		Chavan Bapu Ramdas	9422900718	Chavanbapu388@gmail.com		
2	MP/PG/02	Chaitali Chandrakant Teli	9168288277	Chaitalicteli2611@gmail.com	KBHSS Trusts Institute of Pharmacy, Bhaygaon Road, Malegaon Dist- Nashik	Formulation Development and Evaluation of Micro particles of sustained Release Paracetamol using Natural Polymer
		Krishna Jitendra Shrivastav	7776826157	karishrivastav@gmail.com		
3	MP/PG/05	Pawar Mayuri Jagannath	8551920012	Pawarmayuri335@gmail.com	K. A. A. N. M. Sonawane, Arts, Comm. & Science College, Satana Dist- Nashik	Probiotics as Antifungal Agent
		Mhaske Aishwarya Rajendra	9823596019	Aishwaryamhaske53@gmail.com		

TEACHERS						
1	MP/T/01	Kambale Sarika Maruti	9850115505	Sarikakamble999@gmail.com	Loknete Dr. J D Pawar College of Pharmacy, Manur, Kalwan	Protective effect of Asiatic acid on doxorubicin-induced cardiac toxicity
		Borase Bharti	9860108913	borasebharati@gmail.com		
2	MP/T/02	Jadhav Vijay Bhausaheb	9970333842	Vijayjadhav1111@yahoo.co.in	Loknete Dr. J D Pawar College of Pharmacy, Manur, Kalwan	A novel polyherbal mosquito repellent composition
		Bagul Tushar P	8983165062	Bagultushar2498@gmail.com		

Dr. Ganesh Patil
Coordinator

Dr. G. H. Jain
Principal

PRINCIPAL
Karmvir Keshavlalji Harakchandji Abad
Arts, Shriman Motilalji Girdharilalji Lodha
Commerce and Shriman P.H.Jain Science
College,Chandwad, Dist.Nashik

Savitribai Phule Pune University, Pune
Project selected for University level 'Avishkar 2017'
Friday, 24th Nov.. 2017
SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad Dist- Nashik

Category: - Engineering and Technology

Sr. No.	Code	Name of the Student/s	Mobile	Email Id	Name of the College	Title of Project
UNDER GRADUATE						
1.	ET/UG/09	Bamb Rachana Dineshkumar	9403131403	Jainrachana07@gmail.com	SNJB's KBJ, College of Engineering, Chandwad	Water Transport Management
		Pawar Sharda Sanjay	7030063795	Shardapawar95@gmail.com		
2A.	ET/UG/08	Parik Pratik Balmukund	9970782224	erpratikparik@gmail.com	SNJB's KBJ, College of Engineering, Chandwad	Smart Toilet
		Chopda Pranita Prashant	8177809875	Pranitachopda24@gmail.com		
2B.	ET/UG/18	Abhijit Ramdas Gawali	8380850550	Abhijitgawali1996@gmail.com	SNJB's KBJ, College of Engineering, Chandwad	Versatile Sugarcane Planter
		Pravin Dilip Navale	9689582621	Navalepravin20@gmail.com		
3	ET/UG/11	Chaitali Pravin Bhatjire	9175086624	chaitalibhatjire@gmail.com	SNJB's KBJ, College of Engineering, Chandwad	Flood Relief Model
		Pallavi Vilaskant Shah	8421873618	Pallavishah12@gmail.com		

Dr. Ganesh Patil
Coordinator

Dr. G. H. Jain
Principal

PRINCIPAL
Karmvir Keshavlalji Harakchandji Abad Arts, Shriman Motilalji Girdharilalji Lodha Commerce and Shriman P.H.Jain Science College,Chandwad, Dist.Nashik

Savitribai Phule Pune University, Pune
Project selected for University level 'Avishkar 2017'
Friday, 24th Nov.. 2017
SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad Dist- Nashik

Category: - Agriculture and Animal Husbandry

Sr. No.	Code	Name of the Student/s	Mobile	Email Id	Name of the College	Title of Project
UNDER GRADUATE						
1	AAH/UG/06	Jagtap Swati Vishwas	9923250159	Swatijagtap364@gmail.com	K.K. Wagh Arts, Com, and Sci. College, Pimpalgaon (B)	Microbial Degradation of Pesticides residue of Grapes
		Kushare Pranaya Rohidas	9881526115	Patilrutul93@gmail.com		
2	AAH/UG/14	Ahire Nilesh Vishnu	9766592252	Mahendrakapdnis1516@gmail.com	SPH Arts, Com and Sci. College, Nampur.	वाया गेलेल्या सांडपाण्याचा कृषिक्षेत्रासाठी पुनर्वापर
		Kapdnis Mahindra Tulshiram	8623021516	Mahendrakapdnis1516@gmail.com		

Dr. Ganesh Patil
Coordinator

Dr. G. H. Jain
Principal

PRINCIPAL
Karmvir Keshavlalji Harakchandji Abad Arts, Shriman Motilalji Girdharilalji Lodha Commerce and Shriman P.H.Jain Science College,Chandwad, Dist.Nashik

Savitribai Phule Pune University, Pune
Project selected for University level 'Avishkar 2017'
Friday, 24th Nov.. 2017
SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad Dist- Nashik

Category: - Commerce, Managemant and Law

Sr. No.	Code	Name of the Student/s	Mobile	Email Id	Name of the College	Title of Project
UNDER GRADUATE						

Dr. Ganesh Patil
Coordinator

Dr. G. H. Jain
Principal

PRINCIPAL
Karmvir Keshavlalji Harakchandji Abad
Arts, Shriman Motilalji Girdharilalji Lodha
Commerce and Shriman P.H.Jain Science
College,Chandwad, Dist.Nashik