

## SNJB (Jain Gurukul's)

K.K.H. Abad Arts, S.M.G. Lodha Commerce & S.P.H. Jain Science College  
Neminagar, Chandwad-423101, Dist.-Nashik, Maharashtra



Establishment  
27/11/1928

(Affiliated to Savitribai Phule Pune University) Id. No.PU/NS/AC/015/1970

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DST-FIST Funded (2018-19)

UGC-NSQF Courses (B.Voc. & CC)

Best College Award by Savitribai Phule Pune University (2015-16)

### 2.3.4 Innovations and creativity in teaching Learning

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DEPARTMENT OF PHYSICS  
List of Student participation in **Avishkar**

Sr.No	Name of the Student	Class	Year	Gender
1	Rohit Dilip Pathare	T. Y. B. Sc	2014	M
2	Vijay Shivaji Pawar	T. Y. B. Sc	2014	M
3	Ayushi Hemant Patil	T. Y. B. Sc	2014	F
4	Navnath Ramesh Kale	T. Y. B. Sc	2014	M
5	Prajakta sanjay Pawar	T. Y. B. Sc	2015	F
6	Pallavi Rajesh Yeole	T. Y. B. Sc	2015	F
7	Rohini Baban Thakare	T. Y. B. Sc	2015	F
8	Ashwini Dnyaneshwar Deshmukh	T. Y. B. Sc	2015	F
9	Madhuri Jagannath Beldar	T. Y. B. Sc	2015	F
10	Shital Bhausahab Lokhande	T. Y. B. Sc	2015	F
11	Rohini Vilas Mahale	M. Sc	2016	F
12	Pavan Sharad Jadhav	M. Sc	2016	M
13	Pavan Sharad Jadhav	M. Sc	2017	M
14	Tejas Ramesh Bhoje	M. Sc	2017	M
15	Yogesh Snjay Sonar	M. Sc	2017	M
16	Navnath Ramesh Kale	M. Sc	2017	M

  
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DEPARTMENT OF PHYSICS

**List of Student participation in Conference/Seminar/Training  
Academic 2014-15 to 2017-18**

Sr. No	Name of the students	Name of the conference	National/ International	Venue	Dates	Class
1	Jadhav Pavan Sharad	Hands on Training Solar Thermal Technology	Five Days Training	School of Energy Studies, SPPU, Pune	19-23 March 2018	M.Sc-II
2	BhoyeTejas Ramesh	Hands on Training Solar Thermal Technology	Five Days Training	School of Energy Studies, SPPU, Pune	19-23 March 2018	M.Sc-II
3	Sonar Yogesh Sanjay	Hands on Training Solar Thermal Technology	Five Days Training	School of Energy Studies, SPPU, Pune	19-23 March 2018	M.Sc-II
4	Thakare Vaishali	24 <sup>th</sup> Raman Memorial Conference	Pune Chapter	Department of Physics, SPPU, Pune	23-24 Feb, 2018	M.Sc-II
5	Aher Priyanka	24 <sup>th</sup> Raman Memorial Conference	Pune Chapter	Department of Physics, SPPU, Pune	23-24 Feb, 2018	M.Sc-II
6	Thakare Bhagyashree	24 <sup>th</sup> Raman Memorial Conference	Pune Chapter	Department of Physics, SPPU, Pune	23-24 Feb, 2018	M.Sc-II
7	Sagar Sawti Karbhari	Synthesis, characterization and applications of Nanomaterials	State	V N Naik Arts, Commerce & Science College, Nashik	9-10 Feb., 2018	M.Sc-II
8	Mahale Rohini Vilas	Synthesis, characterization and applications of Nanomaterials	State	V N Naik Arts, Commerce & Science College, Nashik	9-10 Feb., 2018	M.Sc-II
9	Sonar Yogesh Sanjay	Synthesis, characterization and applications of Nanomaterials	State	V N Naik Arts, Commerce & Science College, Nashik	9-10 Feb., 2018	M.Sc-II
10	Kale Priyanka	Synthesis, characterization	State	V N Naik Arts,	9-10 Feb.,	M.Sc-II

		and applications of Nanomaterials		Commerce & Science College, Nashik	2018	
11	Kale Navnath R.	Synthesis, characterization and applications of Nanomaterials	State	V N Naik Arts, Commerce & Science College, Nashik	9-10 Feb., 2018	M.Sc-II
12	BhoyeTejas Ramesh	Synthesis, characterization and applications of Nanomaterials	State	V N Naik Arts, Commerce & Science College, Nashik	9-10 Feb., 2018	M.Sc-II
13	Jadhav Pavan Sharad	Synthesis, characterization and applications of Nanomaterials	State	V N Naik Arts, Commerce & Science College, Nashik	9-10 Feb., 2018	M.Sc-II
14	Pavan Sharad Jadhav	Innovations in Nanomaterials and their Applications	International	LVH College, Panchavati, Nashik	18-20 <sup>th</sup> Jan 2018	M.Sc-II
15	Tejas Ramesh Bhoye	Innovations in Nanomaterials and their Applications	International	LVH College, Panchavati, Nashik	18-20 <sup>th</sup> Jan 2018	M.Sc-II
16	Priyanka Kishor Aher	Renewable Energy & Environment	National	K. J. Somaiya College, Kopergaon	19&20 <sup>th</sup> Jan.2018	M.Sc-II
17	Bhagyashri Anil Thakare	Renewable Energy & Environment	National	K.J.Somaiya College, Kopergaon	19&20 <sup>th</sup> Jan.2018	M.Sc-II
18	Ambreen Jaleel Ah. Sadaf	Renewable Energy & Environment	National	K.J.Somaiya College, Kopergaon	19&20 <sup>th</sup> Jan.2018	M.Sc-II
19	Rupali Kishor Pawar	Renewable Energy & Environment	National	K.J.Somaiya College, Kopergaon	19&20 <sup>th</sup> Jan.2018	M.Sc-II
20	BhoyeTejas Ramesh	Science Academies' Lecture Workshop on Smart Materials and Future Technologies for Sustainable Development	State	Modern College, Pune	16-17 Jan, 2018	M.Sc-II

21	Jadhav Pavan Sharad	Science Academies' Lecture Workshop on Smart Materials and Future Technologies for Sustainable Development	State	Modern College, Pune	16-17 Jan, 2018	M.Sc-II
22	Jadhav Yogita Devidas	International Conference on Advances in Functional Materials (ICAFM-2018)	International	KTHM College, Nashik	12-13rd Jan 2018	M.Sc-II
23	Pawar Suvarna D	International Conference on Advances in Functional Materials (ICAFM-2018)	International	KTHM College, Nashik	12-13rd Jan 2018	M.Sc-II
24	Nikam Kavita	International Conference on Advances in Functional Materials (ICAFM-2018)	International	KTHM College, Nashik	12-13rd Jan 2018	M.Sc-II
25	Ahire Shubhangi Babu	International Conference on Advances in Functional Materials (ICAFM-2018)	International	KTHM College, Nashik	12-13rd Jan 2018	M.Sc-II
26	Jadhav Shital Sanjay	International Conference on Advances in Functional Materials (ICAFM-2018)	International	KTHM College, Nashik	12-13rd Jan 2018	M.Sc-II
27	Aher Yogesh Bhaskar	International Conference on Advances in Functional Materials (ICAFM-2018)	International	KTHM College, Nashik	12-13rd Jan 2018	M.Sc-II
28	Jadhav Pavan Sharad	Two Days State Level Workshop on 'Hands on Training 'Functional Materials'	State	Vidya Prathishthan, Baramati	5-6 <sup>th</sup> Jan, 2018	M.Sc-II
29	Bhoye Tejas Ramesh	Two Days State Level Workshop on 'Hands on Training 'Functional Materials'	State	Vidya Prathishthan, Baramati	5-6 <sup>th</sup> Jan, 2018	M.Sc-II
30	Kale Navnath Ramesh	Two Days State Level Workshop on 'Hands on Training 'Functional Materials'	State	Vidya Prathishthan, Baramati	5-6 <sup>th</sup> Jan, 2018	M.Sc-II
25	Gangurde Gorakh W	Two Days State Level Workshop on 'Hands on Training 'Functional Materials'	State	Vidya Prathishthan, Baramati	5-6 <sup>th</sup> Jan, 2018	M.Sc-II
31	Sonar Yogesh Sanjay	Two Days State Level Workshop on 'Hands on Training 'Functional Materials'	State	Vidya Prathishthan, Baramati	5-6 <sup>th</sup> Jan, 2018	M.Sc-II

32	Shraddha K. Shinde	Science Quiz Competition 2016	State	Ats, comm.& Science College Nandgaon	23 <sup>rd</sup> Feb.2016	T.Y.B.Sc
33	Ashwini Rajendra Aher	Science Quiz Competition 2016	State	Ats, comm.& Science College Nandgaon	23 <sup>rd</sup> Feb.2016	T.Y.B.Sc
34	Ashwini Ashok Kadam	Science Quiz Competition 2016	State	Ats, comm.& Science College Nandgaon	23 <sup>rd</sup> Feb.2016	T.Y.B.Sc
35	Hema Kishor Dhanwani	Science Association	State	Ats, comm.& Science College Nandgaon	13 <sup>th</sup> Feb.2015	T.Y.B.Sc
36	Sapna Kishor Ahirrao	Science Association	State	Ats, comm.& Science College Nandgaon	13 <sup>th</sup> Feb.2015	T.Y.B.Sc

  
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 DEPARTMENT OF PHYSICS  
**List of Student participation in Conference/Seminar/Training  
 Academic 2018-2019**

Sr. No	Name of the students	Name of the conference	National/ International	Venue	Dates	Class
1	Rozmeen Sadruddeen	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
2	Sonawane Monali Sanjay	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
3	Deore Pranali Dilip	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
4	Dhamane Rohini Manohar	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
5	Mahire Jayashri Uttamrao	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
6	Gangurde Priti Gokul	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
7	Sabale Mayur Madan	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
8	Shikalkar Zeba Sayyed	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
9	Huda Imran Ahemad	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
10	Raundal poonam Balasaheb	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry, Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
11	Deore MayuriSunil	Global Opportunities in chemical,Biological&	National	Department of Chemistry, Chand	28 <sup>th</sup> & 29 <sup>th</sup>	M.Sc-II

		Material Science		wad College	Dec.2018	
12	Jadhav Swati Radhakisan	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry,Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
13	Kshirsagar Pratiksha K.	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry,Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
14	Sathe Sonali Arun	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry,Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
15	Bachav Shital Arun	Global Opportunities in chemical,Biological& Material Science	National	Department of Chemistry,Chandwad College	28 <sup>th</sup> & 29 <sup>th</sup> Dec.2018	M.Sc-II
16	Sonawane Monali Sanjay	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
17	Deore Pranali Dilip	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
18	Jondhale Rupali Mansaram	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
19	Dhamane Rohoni Manohar	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
20	Mahire Jayshri Uttamrao	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
21	Gangurde Preeti G.	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
22	Sable Mayur M.	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
23	Shikalkar Zeba Sayyed	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
24	Huda Imran Ahemad	Characterization Techniques in material Science	State	M.S.G. College,Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
25	Raundal Poonam	Characterization Techniques	State	M.S.G.	4 <sup>th</sup> & 5 <sup>th</sup>	M.Sc-II



	Bhauasheb	in material Science		College, Malegaon	January 2019	
26	Deore Mayuri Sunil	Characterization Techniques in material Science	State	M.S.G. College, Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
27	Jadhav Swati Radhakisan	Characterization Techniques in material Science	State	M.S.G. College, Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
28	Kshirsagar Pratiksha Keshav	Characterization Techniques in material Science	State	M.S.G. College, Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
29	Sathe Sonali Arun	Characterization Techniques in material Science	State	M.S.G. College, Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
30	Bachhav Shital Arun	Characterization Techniques in material Science	State	M.S.G. College, Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
31	Sadequa Masood Azad	Characterization Techniques in material Science	State	M.S.G. College, Malegaon	4 <sup>th</sup> & 5 <sup>th</sup> January 2019	M.Sc-II
32	Ahire Kaveri Babu	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
33	Shinde Priyanka Kesav	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
34	Gangurde Vaishali Sitaram	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
35	Bodake Kartik Ramesh	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
36	Nikam Sagar Ramesh	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
37	Gangurde Janardan Namdev	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
38	Sagar Rutuja Karbhari	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc

39	Pawar Payal Kailas	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
40	Banchhad Akshay Rajesh	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
41	Shewale Rituja Satish	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
42	Gaikwad Harshad Ranjan	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
43	Salunke Prem Suresh	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
44	Dawange Kisan Hemanth	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
45	Deore Harshada Kailash	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
46	Jain Shruti Prakash	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
47	Zalte Pooja Kailas	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
48	Sathe Atul Madhav	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
49	Shewale Shital Vasant	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
50	Hire Jivan Shantaram	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
51	Bagul Dharma Kashinath	Renewable energy & Sustainable development	State	Arts,Comm& Science College,Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
52	Gangurde Ritesh Bhagwan	Renewable energy & Sustainable development	State	Arts,Comm& Science	10 <sup>th</sup> & 11 <sup>th</sup> Jan.	T.Y.B.Sc

				College, Ozar	2019	
53	Patil Yogesh Jagannath	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-II
54	Jadhav Dinkar N.	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
55	Sable Mayur Madan	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-II
56	Darekar Kaveri S.	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-II
57	Jain Mansi Rajendra	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
58	Wagh Seema Rajendra	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
59	Yendait Varsha Sukdev	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
60	Huda Imran Ahemad	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-II
61	Gangurde Vaishali Sanjay	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
62	Avhad Rajashri M.	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
63	Vyavhare Jagruti R.	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
64	Deore Pranali Dilip	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
65	Shikalkar Zeba Sayyad	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
66	Pagare Gitanjali	Renewable energy &	State	Arts, Comm &	10 <sup>th</sup> &	M.Sc-I

	Balanath	Sustainable development		Science College, Ozar	11 <sup>th</sup> Jan. 2019	
67	Kolhar Mayuri Anil	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
68	Jadhav Harshali Hiranman	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
69	Pawar Pratibha Narayan	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
70	Gade Rupali Lahanu	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
71	Ushir Radhika Sakhari	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
72	Vasulkar Shital Anil	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
73	Maniyar Nagama shakil	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
74	Bachhav Shital Arun	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	M.Sc-I
75	Khan Mariya Kasif	Renewable energy & Sustainable development	State	Arts, Comm & Science College, Ozar	10 <sup>th</sup> & 11 <sup>th</sup> Jan. 2019	T.Y.B.Sc
76	Salunke Prem Suresh	Quiz Competition	Inter Collegiate	Pune Chapter & Sangamner College	28 <sup>th</sup> Feb. 2019	M.Sc-I
77	Gaikwad Harshal Ranjan	Quiz Competition	Inter Collegiate	Pune Chapter & Sangamner College	28 <sup>th</sup> Feb. 2019	M.Sc-I

*Shinde*  
HEAD


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**List of Student participation in poster Competition on the occasion of  
National Science day 28<sup>th</sup> Feb.2017**

Sr.No.	Name of the Students	Class	Gender	Mobile No.
1	Jadhav Pavan Sharad	M.Sc-I	M	9552785011
2	Bhoye Tejas Ramesh	M.Sc-I	M	9730956949
3	Taskar Kanchan Keshav	M.Sc-I	F	9763676235
4	Gangurde Gorakh waluba	M.Sc-I	M	8805656925
5	Kale Navanath Ramesh	M.Sc-I	M	7083513168
6	Sonar Yogesh Sanjay	M.Sc-I	M	9970537937
7	Kale Priyanka Anil	M.Sc-I	F	7588306586
8	Thakare Vaishali Hanuman	M.Sc-I	F	9423527993
9	Pawar Rupali Kishor	M.Sc-I	F	9075558863
10	Thakare Bhagyashri Anil	M.Sc-I	F	9665185812
11	Ambreen Jaleel Ah. Sadaf	M.Sc-I	F	8237706946
12	Jadhav Yogita Devidas	M.Sc-I	F	9665337987
13	Pawar Suvama D	M.Sc-I	F	9011464539
14	Nikam Kavita	M.Sc-I	F	8390775130
15	Ahire Shubhangi Babu	M.Sc-I	F	-
16	Jadhav Shital Sanjay	M.Sc-I	F	-

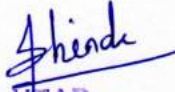
  
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DEPARTMENT OF PHYSICS

**List of Student participation in poster Competition on the occasion of  
National Science day 28<sup>th</sup> Feb.2018**

Sr.No.	Name of the Students	Class	Gender	Mobile No.
1	Rozmeen Sadruddeen	M.Sc-I	F	-
2	Sonawane Monali Sanjay	M.Sc-I	F	7057133517
3	Deore Pranali Dilip	M.Sc-I	F	9049967448
4	Dhamane Rohini Manohar	M.Sc-I	F	7517396409
5	Mahire Jayashri Uttamrao	M.Sc-I	F	8888743269
6	Gangurde Priti Gokul	M.Sc-I	F	-
7	Sabale Mayur Madan	M.Sc-I	M	9764952536
8	Shikalkar Zeba Sayyed	M.Sc-I	F	8999845869
9	Huda Imran Ahemad	M.Sc-I	F	9028745463
10	Raundal poonam Balasaheb	M.Sc-I	F	7743988215
11	Deore Mayuri Sunil	M.Sc-I	F	9284368412
11	Jadhav Swati Radhakisan	M.Sc-I	F	7028312674
13	Kshirsagar Pratiksha K.	M.Sc-I	F	9764716847
14	Sathe Sonali Arun	M.Sc-I	F	9011847992
15	Bachav Shital Arun	M.Sc-I	F	7058809474
16	Patil Yogesh Jagannath	M.Sc-I	M	7028492937
17	Jondhale Rupali	M.Sc-I	F	7767931309

  
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List of Student participation in **poster Competition** on the occasion of  
**National Science day 28<sup>th</sup> Feb.2019**

Sr.No.	Name of the Students	Class	Gender
1	Gangurde Shubhangi	F. Y. B. Sc	F
2	Gangurde Pragati	F. Y. B. Sc	F
3	Thakare Roshani	F. Y. B. Sc	F
4	Pawar Minakshi	F. Y. B. Sc	F
5	Gaikwad Sadhana Sanjay	F. Y. B. Sc	F
6	Pathan Sanjay Ramjan	F. Y. B. Sc	M
7	Gangurde Aditi Chhabu	F. Y. B. Sc	F
8	Somvanshi Priyanka Suresh	F. Y. B. Sc	F
9	Kapdane Pallavi Shivdas	F. Y. B. Sc	F
10	Zoting Rekha Yogesh	F. Y. B. Sc	F
11	Pawar Supriya Rajaram	F. Y. B. Sc	F
12	Bachhav Shivani Ravindra	F. Y. B. Sc	F
13	More Aakash Dilip	F. Y. B. Sc	M
14	Gangurde Shubham	F. Y. B. Sc	M
15	Shinde Prathamesh	F. Y. B. Sc	M
16	Thombare Aditi Sadashiv	F. Y. B. Sc	F
17	Chavan Ashwini Motiram	F. Y. B. Sc	F
18	Medhane Vaishali Rajaram	F. Y. B. Sc	F
19	Chavan Anuradha Daulat	F. Y. B. Sc	F
20	Zalte Nutan Mothabhau	F. Y. B. Sc	F
21	Jadhav Prashant Sunil	F. Y. B. Sc	M
22	Jadhav Shubham Raosaheb	F. Y. B. Sc	M

23	Sonawane Satish Ravannath	F. Y. B. Sc	M
24	Borse Sumit Bharat	F. Y. B. Sc	M
25	Nyaharkar Amol Abasaheb	F. Y. B. Sc	M
26	Pagar Gitanjali Kailas	F. Y. B. Sc	F
27	Khale Tejashvini Sunil	F. Y. B. Sc	F
28	Gangurde Sarita Gautam	F. Y. B. Sc	F
29	Nikam Nilima Vilas	F. Y. B. Sc	F
30	Chaude Vaishnavi Sanjay	F. Y. B. Sc	F
31	Thakare Shraddha Ravindra	F. Y. B. Sc	F
32	Pathan Nazmeen	F. Y. B. Sc	F
33	Aher Pratiksha Madhukar	F. Y. B. Sc	F
34	Sonawane Rutuja Karbhari	F. Y. B. Sc	F
35	Sonawane Jagruti Karbhari	F. Y. B. Sc	F
36	Sonawane Pooja Kantilas	F. Y. B. Sc	F
37	Sonawne Renuka Ravindra	F. Y. B. Sc	F
38	Kharat Jayshri Kailas	F. Y. B. Sc	F
39	Daghale Ashwini Subhash	F. Y. B. Sc	F
40	Gangurde Suvarna Dipak	F. Y. B. Sc	F
41	Pawar Tejaswini Madhukar	F. Y. B. Sc	F
42	Pawar Gayatri Dadaji	F. Y. B. Sc	F

  
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DEPARTMENT OF PHYSICS

**List of Student participation in JIGSAW Competition on the occasion of  
National Science day 28<sup>th</sup> Feb.2019**

Sr.No.	Name of the Students	Class	Gender
1	Gangurde Nikita Bhausaheb	F. Y. B. Sc	F
2	Gangurde Rachana Bhagwan	F. Y. B. Sc	F
3	Walke Prtibha Narayan	F. Y. B. Sc	F
4	Chavan Rutuja Ashok	F. Y. B. Sc	F
5	Gangurde Vaishali Ambadas	F. Y. B. Sc	F
6	Ahire Vrushali Bhalchandra	F. Y. B. Sc	F
7	Aher Vrushali Ambadas	F. Y. B. Sc	F
8	Jadhav Mayuri Ashok	F.Y.B.Sc	F
9	Borgude Sonali Rajaram	F.Y.B.Sc	F
10	Shinde Pallavi Santosh	F.Y.B.Sc	F
11	Dhandal Saloni Jawrilal	F.Y.B.Sc	F
12	Somvanshi Gayatri Govind	F.Y.B.Sc	F
13	Pawar Jyoti Manohar	F.Y.B.Sc	F
14	Kedare Bhagyashri Raghunath	F.Y.B.Sc	F
15	Jadhav Pratibha Vilas	S.Y.B.Sc	F
16	Tope Madhuri Kalu	S.Y.B.Sc	F
17	Aher Dipali Vittal	S.Y.B.Sc	F
18	Khairnar Priyanka Baban	S.Y.B.Sc	F
19	Gujrathi Shivani Suhas	S.Y.B.Sc	F
20	Sonawane Monali Sanjay	M.Sc-II	F
21	Gangurde Priti Gokul	M.Sc-II	F
22	Sabale Mayur Madan	M.Sc-II	M

23	Shikalkar Zeba Sayyed	M.Sc-II	F
24	Huda Imran Ahemad	M.Sc-II	F
25	Raundal poonam Balasaheb	M.Sc-II	F
26	Deore Mayuri Sunil	M.Sc-II	F
27	Jadhav Swati Radhakisan	M.Sc-II	F
28	Kshirsagar Pratiksha K.	M.Sc-II	F
29	Sathe Sonali Arun	M.Sc-II	F
30	Bachav Shital Arun	M.Sc-II	F

  
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**S.N.J.B's**  
**KKHA Arts SMGL Comm. and SPHJ Science College,**  
**Chandwad. Dist.- Nashik 423101**  
**Department of Physics**

Workshop on “**Scientific Reading and Writing**”  
Dated 27/08/2018 to 01/09/2018

**Students List**

Sr.No.	Name of the Students	Class	Mob.No.	Gender
1	Shikalkar Zeba sharmeen	M.Sc-II	8149905252	F
2	Huda Imran Ahemad	M.Sc-II	9028745463	F
3	Patil Yogesh Jagannath	M.Sc-II	7028493937	M
4	Sable Mayur Madan	M.Sc-II	9764952536	M
5	Dhamane Rohini Manohar	M.Sc-II	7517396409	F
6	Sonwane Monali Sanjay	M.Sc-II	7057133517	F
7	Jadhav Swati Radhakisan	M.Sc-II	7028312674	F
8	Kshirsagar Pratiksha Keshav	M.Sc-II	9764716847	F
9	Raundal Poonam Bhausahab	M.Sc-II	7743988215	F
10	Mahire Jayshri uttamrao	M.Sc-II	8888743269	F
11	Sathe Sonali Arjun	M.Sc-II	9011847992	F
12	Deore Mayuri Sunil	M.Sc-II	9284368412	F

  
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KKHA Arts, SMGL Comm, and SPHJ Science College, Chandwad. Dist.-  
Nashik

**Department of Physics**  
*Certificate course on*  
**“Solar photovoltaics and solar thermal energy”**  
**Students List**

Date : 04/12/2017 to 09/12/2017

Sr.No.	Name of the Students	Class	Mob.No.	Gender
1	Jadhav Pavan Sharad	M.Sc-II	9552785011	M
2	Bhoye Tejas Ramesh	M.Sc-II	9730956949	M
3	Taskar Kanchan Keshav	M.Sc-II	9763676235	F
4	Gangurde Gorakh waluba	M.Sc-II	8805656925	M
5	Kale Navanath Ramesh	M.Sc-II	7083513168	M
6	Sonar Yogesh Sanjay	M.Sc-II	9970537937	M
7	Kale Priyanka Anil	M.Sc-II	7588306586	F
8	Thakare Vaishali Hanuman	M.Sc-II	9423527993	F
9	Pawar Rupali Kishor	M.Sc-II	9075558863	F
10	Thakare Bhagyashri Anil	M.Sc-II	9665185812	F

*Shinde*  
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**S.N.J.B's**  
**KKHA Arts SMGL Comm. and SPHJ Science College, Chandwad, Dist.-Nashik**  
**Department of Physics**

***Certificate course on "Solar photovoltaics and solar thermal energy"***

**Students Attendance List**

**Date: 22/03/2019 to 27/03/2019**

<b>Sr.No.</b>	<b>Name of the Students</b>	<b>Class</b>	<b>Mob.No.</b>	<b>Gender</b>
1	Gaikwad Harshal Ranjan	M.Sc-I	9975500582	M
2	Nikam Sagar Ramesh	M.Sc-I	9860882980	M
3	Salunke Prem Suresh	M.Sc -I	9689196928	M
4	Dhamane Rohini Manohar	M.Sc-II	9139026919	F
5	Mahire Jayashri Uttamrao	M.Sc-II	7066139388	F
6	Raundal Poonam Bhausahab	M.Sc-II	9730679808	F
7	Sathe Sonali Arun	M.Sc-II	9011847992	F
8	Jadhav Harshali Hiranman	M.Sc-I	8308064520	F
9	Thakare Sampada Babasaheb	M.Sc-I	8668611995	F
10	Deore Harshada Kailas	M.Sc-I	9067627980	F
11	Shinde Priyanka Keshav	M.Sc-I	7218232146	F
12	Avhad Rajashri Madhukar	M.Sc-I	8669764202	F
13	Vyavhare Jagruti Rajendra	M.Sc-I	8983078133	F
14	Wasulkar Shital Anil	M.Sc-I	8275833534	F
15	Huda Imran Ahemad	M.Sc-II	9028745463	F

16	Shikalkar Zeba Sayyad	M.Sc-II	8999845869	F
17	Dongare Rohini Namdev	M.Sc-I	9146735984	F
18	Gangurde Vaishali Sitaram	M.Sc-I	9021295502	F
19	Ahire Kaveri Babu	M.Sc-I	9067739026	F
20	Kshirsagar Pratibha Keshav	M.Sc-II	9764716847	F
21	Jadhav Swati Radhakisan	M.Sc-II	7028312674	F
22	Deore Mayuri Sunil	M.Sc-II	9284368412	F
23	Darekar Kaveri Sudhakar	M.Sc-I	7499135638	F
24	Pawar Payal Kailas	M.Sc-I	9763581104	F
25	Sagar Rutuja Karbhari	M.Sc-I	7385769617	F
26	Sonawane Monali Sanjay	M.Sc-I	7057133517	F
27	Jondhale Rupali M.	M.Sc-II	7767931309	F
28	Deore Pranali Dilip	M.Sc-II	9049967448	F
29	Patil Yogesh Jagannath	M.Sc-II	7028492937	M
30	Sable Mayur Madan	M.Sc-II	9764952536	M
31	Sonawane Suresh Ashok	M.Sc-II	9834803860	M
32	Bachhav Shital Arun	M.Sc-II	7058809474	F
33	Shewale Rutuja Satish	M.Sc-I	8329567176	F

  
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SNJB's  
KKHA Arts, SMGL Comm. & SPHJ Science College, Chandwad  
DEPARTMENT OF ELECTRONIC SCIENCE

Workshop Report

**Title:** Two-Day Workshop on 'Arduino Beginner'

**Dates:** 20<sup>th</sup>- 21<sup>st</sup>December, 2018

**Organized by** Robokart.com & Innovation- Cell UMIC, IIT Bombay and conducted at Dept. of Electronic Science.

Faculty Coordinators: Dr. Tushar S. Salve & Mr. Onkar M. Pardeshi

Students Coordinators: Miss. ShitalJadhav&PrajaktaJadhav

Department of Electronic Science organized a Two-day workshop on 'Arduino Beginners' on 20<sup>th</sup>-21<sup>st</sup>Dec. 2018 in association with Robokart and IIT Bombay.

The workshop fee was ₹700 per student to be given to the Robokart. Out of total 35 students, 22 students from Electronic Science and 13 students from Physics Department participated in this workshop. Every student paid ₹350 and College paid ₹350 per student.

The workshop was arranged at computer lab equipped with 25 internet connected computers at Science-laboratories building. Registration was limited to T. Y. B. Sc. students of Electronic Science and Physics Department. Principal Dr. G. H. Jain inaugurated the function as a chief guest. In inaugural speech, Dr. G. H. Jain motivated students to inculcate automation in research equipment. Vice- Principal Asst. Prof. S. P. Khairnar, Dr. D. R. Patil, Asst. Prof. Miss. M. A. Khilari, Dr. Smt. S. D. Shinde, Dr. G. E. Patil, Asst. Prof. A. B. Gite and Coordinators Dr. T. S. Salve & Asst. Prof. O. M. Pardeshi were present for the inaugural function.

Engineers Mr. Harsh Panchal and Mr. Deep Maru were available as resource persons from Robokart to conduct the two-day workshop on 'Arduino Beginner'. The workshop was divided into four sessions. On first day, introduction of microcontroller, description of Arduino board, software installation and basic programming were covered during first session. In second session, LED interfacing and DC motor interfacing were demonstrated. The same experiments of interfacing were successfully performed by the student participants.

Second day, third session was started with interfacing of LCD followed by keypad interfacing. Student responded actively to the interfacing of both LCD and keypad by writing a code successfully. The coding written by students was checked and verified by resource persons, coordinators and staff members of the Department. In fourth session, interfacing of ultrasonic

sensor and object detection system using ultrasonic were demonstrated. Codes for ultrasonic sensor interfacing and DC motor two-way driving were written by the students.

The workshop was beneficial to the students in various aspects. They learnt and interacted to resource persons to know the basics of Arduino board and its programming logic. Students interacted through questions and answer sessions. In group of five, Arduino kit was provided which is going to be useful to the students in their project work. This workshop was also useful to the faculty members.

Valedictory function was anchored by Coordinator of the workshop Dr Tushar Salve and put the vote of thanks. In last session the certificates were given to the student coordinators Miss. ShitalJadhav, Miss. PrajaktaJadhav and Miss. ShitalShewale by Principal Dr. G. H. Jain, Vice-Principal Asst. Prof. S. P. Khairnar and Dr. Smt. S. D. Shinde respectively. Other certificates were distributed by hands of Dr. T. S. Salve, Asst. Prof. Smt. M. A. Khilari, Engr. Deep Maru and Engr. Harsh Panchal. Dr. D. R. Patil, Dr Ganesh Patil, and Asst. Prof. Anil Gite contributed for success of the workshop. The non-teaching staff, Lab. Asst. Mr. Yogesh Aher and Lab. Attendant Mr. DnyaneshwarBidgarsupported all the background activities. Principal Dr. G. H. Jain Sir put his valuable suggestions before coordinator to conduct the workshop smoothly.

The accommodation was provided to the resource persons in RMD hostel in our campus.



a)



b



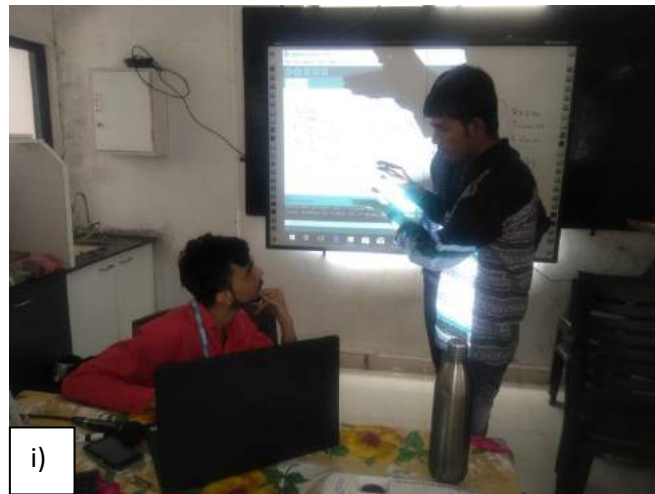
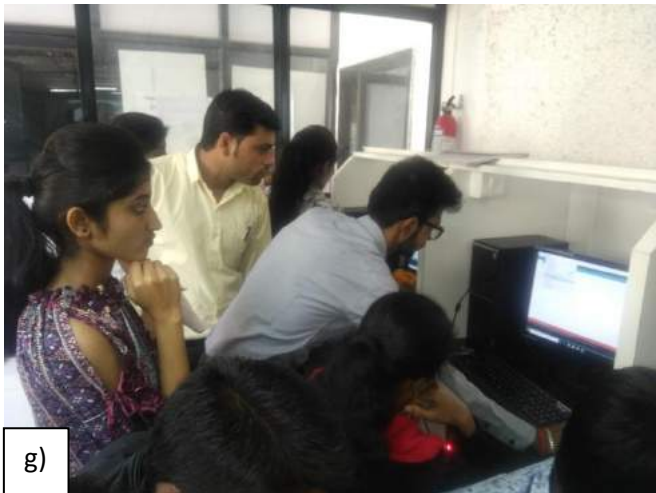
c)



d

Photograph of the event: a) Coordinator giving foreword of the workshop b) & c) Principal Dr. G. H. Jain during inaugural speech d) participants of the workshop





Glimpses of workshop e) to g) students interacting to the faculty and resource person, discussing codes and interfacing of hardware with Arduino

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**Department of Electronic Science**

Year-wise list of students participated in 'Avishkar'

Following students participated in Zonal Level AVISHKAR Dec. 2013 Research Competition under guidance of Dr. T.S. Salve and Prof. O.M. Pardeshi

Group No.	Name of Student	Class	Project Title
1	Miss. ShubhangiGunjal	S.Y.B.Sc.	The Effect of Electrostatic Forces on Water
	Miss. VarshaGunjal	S.Y.B.Sc.	
2	Miss. Kamala Jadhav	S.Y.B.Sc.	Intelligent Train Engine
	Miss. RootulShinde	S.Y.B.Sc.	

Following students participated in Zonal Level AVISHKAR 1<sup>st</sup> October 2014 Research Competition under guidance of Dr. T.S. Salve and Prof. O.M. Pardeshi

Group No.	Name of Student	Class	Project Title
1	Miss. Kamala Jadhav	T.Y.B.Sc.	The Safety band for women
	Mr. Prashant Jadhav	T.Y.B.Sc.	

Following students participated in Zonal Level AVISHKAR Research Competition on 3<sup>rd</sup> October 2015 at Chandwad College, under guidance of Dr. T.S. Salve

Group No.	Name of Student	Class	Project Title
1	Mr. BoradeSachin	T.Y.B.Sc.	Synthesis and characterization of TiO <sub>2</sub> nanowires by Spray Pyrolysis Technique
	Miss. Aher Anita	T.Y.B.Sc.	

Following students participated in Zonal Level AVISHKAR on 3<sup>rd</sup> December 2016 Research Competition under guidance of Dr. D. R. Patil and Prof. O.M. Pardeshi

Group No.	Name of Student	Class
1	Miss. PawarYogita	T.Y.B.Sc.
	Miss. BeldarMadhuri	S.Y.B.Sc.

Following students participated in Zonal Level AVISHKAR on 24<sup>th</sup> November 2017 Research Competition under guidance of Dr. D. R. Patil and Prof. O.M. Pardeshi

Group No.	Name of Student	Class
1	Miss Pawar Yogita	T.Y.B.Sc.
	Miss Billade Harshada	T. Y. B. Sc.
2	Miss Beldar Madhuri	T. Y. B. Sc.
	Miss Jadhav Kalyani	T. Y. B. Sc.

Following students participated in 2nd Stage for District Level Avishkar on 15<sup>th</sup> Dec. 2018 at KTHM College, Nashik under guidance of Mr. O. M. Pardeshi and Dr D. R. Patil

Group No.	Name of Student	Class
1	Miss Jadhav Shital Uttam	T.Y.B.Sc.
	Miss Pawar Jyoti Prabhakar	T. Y. B. Sc.
2	Miss Chavan Supriya Dnyaneshwar	T. Y. B. Sc.
	Miss Jadhav Prajakta Dyaneshwar	T. Y. B. Sc.

## **SNJB's KKHA Arts, SMGL Comm. & SPHJ Science College, Chandwad**

### **DEPARTMENT OF ELECTRONIC SCIENCE**

**REPORT ON**- a Two Days State Level Workshop on 'Fabrication of Dye-Sensitized Solar Cells' conducted on 26<sup>th</sup> and 27<sup>th</sup> February, 2016

Board of College and University Development (BCUD), S. P. Pune University, Pune sanctioned Rs. 1,00,000/- to Electronic Science department, SNJB's KKHA Arts, SMGL Comm. & SPHJ Science College, Chandwad to conduct the two days' workshop on 'Fabrication of Dye-Sensitized Solar Cells'. We conducted the workshop on 26<sup>th</sup> and 27<sup>th</sup> February, 2016.

The workshop was arranged at conference hall-2 in Polytechnic building. Registration to the workshop was started around 8:30 AM on ground floor followed by breakfast. Dr V. B. Gaikwad, Director BCUD, S. P. Pune University Pune inaugurated the function as a chief guest. In his inaugural speech Dr V. B. Gaikwad remarked the motive of BCUD behind funding such events notably to promote science in rural areas like Chandwad. Prof. P. K. Khanna, Dean DIAT discussed the challenges in research techniques to keep the environment clean for which he explained the importance of green chemistry as an alternative for safety of the environment. Presidential address was delivered by Shri. Mahavirji Parakh, Co-ordinator, LMC of our college.

To discuss the three generations of photovoltaics and recent trends in Dye Sensitized Solar Cells (DSSCs) was the first objective to conduct this workshop where Prof. S. R. Jadhkar not only covered the three generations but also touched the thermal solar importance. Dr Adinath Funde discussed various methods utilized for synthesis of DSSCs and amorphous Si solar cells followed by different dyes to sensitize DSSCs. Prof. R. S. Mane detailed various materials used for synthesis of DSSCs including materials required for photoanodes and electrolytes. Vote of thanks to speakers was expressed by Dr Deepak Patil.

Valedictory function was anchored by Prof. Miss. Safoora Ansari. and Prof. Onkar Pardeshi expressed vote of thanks. Dr Tushar Salve worked as Coordinator for this workshop. Prof. Chaitanya Kumbharde, Dr Ganesh Patil, Prof. Babu Pagar, Prof. Anil Gite, Dr Sarika Shinde helped contributed for success of the workshop. The non-teaching staff supported all the background activities. Principal Dr G. H. Jain Sir put his valuable suggestions before coordinator to conduct the workshop smoothly.

The workshop was useful for the faculties who are engaged in Dye-Sensitized Solar Cells research. Almost 15 faculty members attended the workshop. Post graduate students coming from nearby colleges also get benefited where 30 students participated in this workshop. The accommodation was provided to the participants in RMD hostel in our campus.



Dr P. K. Khanna worshipping the photo of PoojyaKakaji and goddess Saraswati



Coordinator of the workshop Dr Tushar Salve presenting foreword of the Workshop



Invited speaker Dr Adinath Funde felicitation by Dr Arvind Patil



Fabrication of DSSC and Solar Chimney, a talk delivered by Prof. Sandesh Jadkar



Felicitation of invited speaker Prof. Rajaram Mane by Principal Dr G. H. Jain



Fabrication of DSSC and preparation and characterization of Dyes, a talk delivered by Prof. Rajaram Mane

### Program Schedule

26<sup>th</sup> February 2016

09.00 am to 10.00 am	Registration
10.00 am to 11.00 am	Inaugural function
11.00 am to 11.15 am	Tea Break
11.15 am to 12.30 pm	Session I
12.30 pm to 01.45 pm	Session II
01.45 pm to 02.30 pm	Lunch Break
02.30 pm to 03.45 pm	Session II
03.45 pm to 05.00 pm	Session IV

27<sup>th</sup> February 2016

10.00 am to 11.15 am	Session I
11.15 am to 11.30 am	Tea Break
11.30 am to 12.45 pm	Session II (Lab Work)
12.45 pm to 01.30 pm	Lunch Break
01.30 pm to 03.30 pm	Session II (Lab Work)
03.30 pm to 04.00 pm	Valedictory Function

Who can register and How to Apply !

**Faculties/Research Scholars/PG/UG students**

**Registration Fees :** Rs. 500/- (for Staff)  
Rs. 300/- (for Research Students)  
Rs. 200/- (for PG/UG Students)

Registration fee can accepted at the time of the seminar or can be sent through D. D. in favor of :

**Principal, K.K.H. Abad Arts, S.M.G. Lodha Commerce & S. P. H. J. Science College, Chandwad (Nashik)**

- TA / DA will be borne by the participant.
- The registration form is available on the college website : [www.acschandwadcollege.com](http://www.acschandwadcollege.com)

**Contact Details**

Dr. Tushar S. Salve (Co-ordinator)  
Ph. No. (02556) 252125, Mob. 7798978554, [tesalve@gmail.com](mailto:tesalve@gmail.com)  
Dr. Deepak R. Patil (Co-ordinator) Mob. 9421522007  
Prof. Onkar M. Pardeshi (Co-ordinator) Mob. 7350555561  
Prof. B. R. Pagar Mob. 9922889520

**Chief Patrons**

**Hon'ble Santokchandji Surana**  
(President, SNJB Trust, Chandwad)

**Hon'ble Bebilalji Sancheti**  
(Chairman, Prabandh Samiti, SNJB, Chandwad)

**Hon'ble Ajitji Surana**  
(Vice-Chairman, Prabandh Samiti, SNJB, Chandwad)

**Hon'ble Jawaharlalji Abad**  
(Secretary, Prabandh Samiti, SNJB, Chandwad)

**Hon'ble Kantilalji Bafana**  
(Trustee & Co-ordinator, College LMC, Chandwad)

**Hon'ble Mahaveerji Parakh**  
(Co-ordinator, College LMC, Chandwad)

**Chief Guest**

**Hon'ble Dr. V. B. Gaikwad**  
Director, BCUD, S. P. Pune University, Pune

**Hon'ble Dr. S. S. Jadhav**  
Dean, Faculty of Science, S. P. Pune University, Pune

**Hon'ble Dr. P. K. Khanna**  
Dean, DIAT, Pune

**Hon'ble Dr. C. D. Upasani**  
Dean, Faculty of Pharmacy, S. P. Pune University, Pune

**Chairman**

**Dr. G. H. Jain (Principal)**

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<b>Prof. S. P. Khairnar</b> (Vice Principal)	<b>Dr. T. S. Salve</b> (Co-ordinator)
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<b>Prof. C. B. Kumbharde</b>	<b>Dr. M. T. Patil</b>
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<b>Prof. A. B. Gite</b>	



**Karmavir K.H. Abad Arts,  
Shriman M.G. Lodha Commerce  
& Shriman P.H. Jain Science College**  
Neminagar, Chandwad, Dist. Nashik (M.S.)-423101  
RE-ACCREDITED by NAAC AT 'B' Grade

Organizes

**Two Days State Level Workshop on  
"Fabrication of Dye-Sensitized  
Solar Cells"**

26<sup>th</sup> & 27<sup>th</sup> February - 2016

Sponsored by

**BCUD, Savitribai Phule Pune University, Pune  
Under Quality Improvement Program**



Organized By

**Department of Electronic Science**

Venue

**S.N.J.B's K.K.H. Abad Arts, S.M.G. Lodha  
Commerce & S.P.H. Jain Science College**  
Neminagar, Chandwad, Dist. Nashik (M.S.)-423101  
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**About the Institute :**

Shri Neminath Jain Bramhacharyashram was established by Karmavir Keshavlalji Harakchandji Abad alias Pujya Kakaji in 1928 to impart education that would build the individual, morally and spiritually. The institute made a small beginning with three students. The thrust of the institute is upon all round development of the individual. It has been working with the mission "Samyak Dnyam, Samyak Darshan and Samyak Charitrya". In the last two decades, with the dedication, selfless service and encouragement of the Managing Body and the Prabandh Smiti, the institute has made a mark in the educational sector. At present it facilitates education in Arts, Commerce, Science, Engineering, Polytechnic, Medical (Homeopathy) and Pharmacy to about 11200 students. Institute has one girls hostel (Capacity 750) & 3 boys hostel with all facilities.

**About the College :**

K. K. H. Abad Arts, S. M. G. Lodha Commerce & S. P. H. Jain Science College was established in 1970 to cater Educational and socio-economic needs of economically backward and drought-prone area of Chandwad. Community College Scheme was sanctioned to the college by UGC in XII plan. The College signed collaboration with Nigeria University, Nigeria for research in the field of Nanotechnology in April 2014. The College hosted Zonal Level AVISHKAR Research Competition consecutively for last three years & even "Yuva Mahotsav" (Indradhanushya) in Sept. 2015. Under the Community college, DMILT course is introduced from last year. The College offers PG course in Mathematics and Organic Chemistry, and from next academic year, new PG courses in Physics, Analytical, Chemistry and Botany are proposed along with B.Sc. in Computer Science.

**About the Department :**

The department of Electronic is one of the premier department right from the inception of the Science College. It has been offering the subjects at under graduate level in B.Sc. There are four faculty members at the department out of which two are doctorate. The UG program is supported by highly experienced and enthusiastic faculty and state-of-the-art infrastructure, including its own Laboratories. UGC & BCUD sanctioned one Minor Research Project each costing 4.9 lakh. The department has introduced Remedial coaching for undergraduate students.

**Note :**

"State Level Conference on 'New Research Trends in Chemistry and its Applications in Environmental Science' (Department of Chemistry) and State Level Workshop on 'Modern Techniques in Life Science through practical Approach' (Department of Botany) will be conducted on the same Days.

**Dear Sir/Madam,**

It gives us an immense Pleasure to inform you that Department of Electronic of our college is organizing, Two Days State Level Workshop on "Fabrication of Dye-Sensitized Solar Cells" on 26<sup>th</sup> & 27<sup>th</sup> February 2016.

**About the Workshop on Fabrication of DSSCs :**

The major scope of the workshop will be to discuss the advancement in DSSCs during the first day of the workshop. It shall also cover the synthesis of DSSCs by various methods. DSSCs show the most promising future due to their independence, environmentally friendly, low maintenance and low cost. The participant discussing theory on first day are expected to give details of various photoanodes, various sensitizers, redox electrolyte etc. which are the key components of DSSCs.

On the second day of workshop the Dye-Sensitizer Solar Cell will be fabricated under the guidance of invited experts and as a measure, of fabricated DSSCs, efficiency will be checked using the Solar Simulator.

**Objectives of the Workshop :**

- ▶ The review of Photovoltaics discussing the three generation of Solar Cells and emergence of recent trends in DSSCs
- ▶ To discuss the working principle of DSSCs
- ▶ Various methods utilized for synthesis of DSSC materials
- ▶ An overview of Dyes used as a Sensitizing material for DSSCs
- ▶ Different materials for Photoanodes and Electrolyte
- ▶ To fabricate the Dye-Sensitized Solar Cell
- ▶ To measure the efficiency of the synthesized DSSC using Solar Simulator.

**About Chandwad & Places to Visit :**

**Chandwad :** is located on Mumbai Agra Highway (NH-3). Distance from major cities is Mumbai-230 Km., Pune-270 Km. & Nask-65 Km. Nearest Railway Junction is Manmad-24 Km.

**Places to Visit :-**

Shirdi- 84 Km., Trimbakeshwar- 90 Km., Saputara-100 Km. Saptshrungi Gadh-60 Km., Nandur Madhyameshwar-50 Km.

**Local Places :-**

Rangmahal, Ichhapurji Ganesh Temple, Chandreshwar Temple & Renuka Devi Temple, Prachin Shani Mandir Vardadi

**STATE LEVEL WORKSHOP**  
on  
**"Fabrication of Dye-Sensitized  
Solar Cells"**  
at  
**S. N. J. B's, Karmavir K. H. Abad Arts,  
Shriman M. G. Lodha Commerce and  
Shriman P. H. Jain Science College  
Neminagar, Chandwad, Dist. Nashik**

Sponsored by

**BCUD, Savitribai Phule Pune University, Pune  
Under Quality Improvement Program**

26<sup>th</sup> & 27<sup>th</sup> February - 2016

**REGISTRATION FORM**

- Name : .....
- Designation : .....
- Status (Student/Staff) : .....
- Department : .....
- Name of the college : .....
- Tel. number with STD code : .....
- Phone : .....
- Mobile : .....
- E-mail : .....
- Registration Fee details :  
 Rs. 500/- (for Staff)  
 Rs. 300/- (for Research Students)  
 Rs. 200/- (for PG/UG Students)

Registration fees can be accepted by D. D. in favour of the Principal, K. K. H. Abad Arts, S. M. G. Lodha Commerce & S. P. H. J. Science College, payable at Chandwad.

D.D. No. .... Date: ..... Branch: .....

• Photocopies of this form can be used  
• Spot registration is also available

Date : / / 2016

Signature

SNJB's  
KKHA Arts, SMGL Comm. & SPHJ Science College, Chandwad  
DEPARTMENT OF ELECTRONIC SCIENCE

Workshop Report

**Title:** One-Day Workshop on 'PCB Designing'

**Date:** 26<sup>th</sup> February, 2019

**Organized by** Department of Electronic Science

Faculty Coordinator: Dr. Tushar S. Salve

Department of Electronic Science organized and conducted a one-day workshop on PCB designing on 26<sup>th</sup> February 2019.

The objective of this workshop was to give hands on training to the T. Y. B. Sc. students on designing and fabricating the printed circuit boards. The workshop was free and compulsory to all students of last year Electronic Science. All 24 students actively participated in this workshop.

The workshop was arranged at computer lab equipped with 25 internet connected computers at Science-laboratories building. Registration was limited to T. Y. B. Sc. students of Electronic Science only due to limited no. of PCs. Principal Dr. G. H. Jain inaugurated the function as a chief guest. In inaugural speech, Dr. G. H. Jain explained the importance and future scope of PCB designing. Principal Dr. G. H. Jain Sir put his valuable suggestions before coordinator to conduct the workshop smoothly

Dr. Ashok T. Kanade was available as resource persons from Department of Electronic Science, Padmashri Vikhe Patil College of Arts Science and Commerce, Pravaranagar. The workshop was divided into two sessions. During first session, Dr. Kanade demonstrated Deeptrace software for schematic and layout design of circuit with an example. Simultaneously students also handled the software. In second session, the layout was printed on photo paper, etched in FeCl<sub>3</sub> aqueous solution and developed on glass epoxy PCB.

The workshop was beneficial to the students in various aspects. All staff members decided to allot projects to T. Y. B. Sc. students related to PCB designing. In specific students developed the complete circuit boards as practical kits.

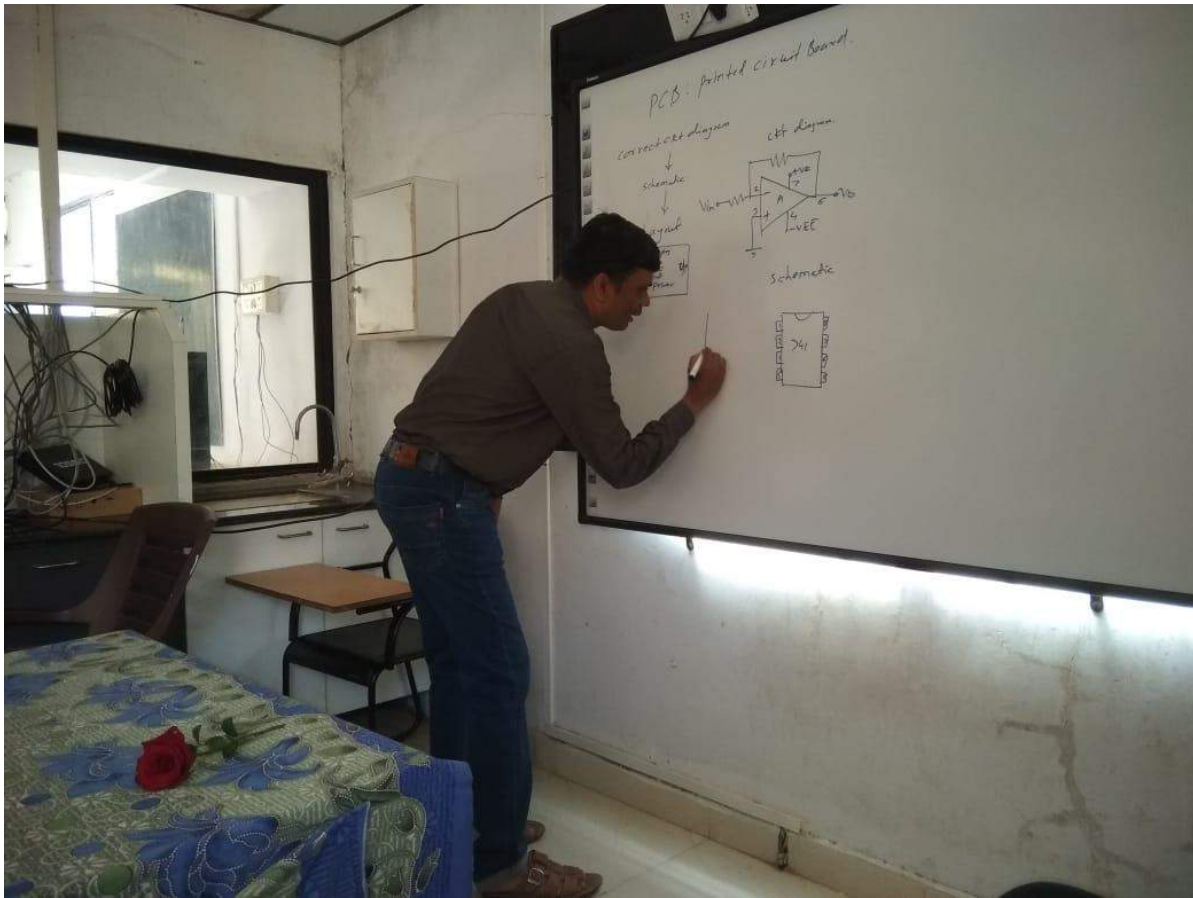
Valedictory function was anchored by Coordinator of the workshop Dr Tushar Salve Dr Deepak R. Patil conveyed vote of thanks. Asst. Prof. Mr. O. M. Pardeshi and Asst. Prof. Miss.

MeenaKhilari helped for success of the workshop. Lab. Attendant Mr. DnyaneshwarBidgarsupported all the background activities.



Photographs of the event: Coordinator Dr. T. S. Salve during foreword of the workshop (top) and Principal Dr. G. H. Jain during inaugural speech





Resource person Dr. Ashok T. Kanade explaining the specifications of electronic components that is useful for drawing the schematic in Deetrace software.



Dr. D. R. Patil conveying vote of thanks.

**SNJB's**  
***KKHA Arts, SMGL Comm. & SPHJ Science College, Chandwad***  
**Department of Electronic Science, Study tour report**

**Name of the one-day workshop:** Electronic Science project selection, designing, building, report writing and presentation on 6<sup>th</sup> January, 2018

**Venue:** New Arts, Commerce and Science College, Ahmednagar.

**Report:**

Prof. A. D. Shaligram, Prof. P. W. Khirade and Prof. A. J. Shivagaje were available as Resource persons for the workshop.

All resource persons highlighted the importance of project and provided guidance to teachers and students of Electronic Science subject for project selection, designing, building, report writing and presentation. Electronic Science projects may provide an insight into applications of various circuit blocks, designing analog and digital systems, methods to analyze working of systems and some of consumer products.

In this workshop the students were trained with adequate knowledge of the various facets of Electronics, to develop skills for designing and developing the project and to empower them to present their project more efficiently and effectively.

**List of Students** who attended the workshop:

Sr. No.	Name of Student	T. Y. B. Sc./Department
1.	Nikam Ganesh Ramdas	Electronic Science
2.	BeldarMadhuriJagannath	Electronic Science
3.	BilladeHarshadaBhalchandra	Electronic Science
4.	JadhavKalyaniUttam	Electronic Science
5.	GagurdeArunaBalu	Electronic Science
6.	PawarYogita Ramesh	Electronic Science
7.	JadhavRekhaValu	Electronic Science
8.	Shinde Poonam Sampat	Electronic Science
9.	JadhavKaveri	Physics
10.	BachhavVarsha	Physics
11.	JadhavHarshali	Physics
12.	GagareRavina	Physics
13.	Gaikwad Dnyaneshwari	Physics
Sr. No.	Name of Teacher	Department
1.	Dr Tushar S. Salve	Electronic Science
2.	Miss. Kamala M. Jadhav	Electronic Science



Prof. A. D. Shaligram, Dy. Registrar and Resource person, inaugurating the workshop by lighting the lamp



Student participants and Teachers from Electronic Science Department



अर्थशास्त्र विभागाच्या Classroom Seminar मध्ये जागतिकीकरण विषयावर विचार मांडताना अंकुश खरात.(M.A.- Part- I, 2018-2019)



अर्थशास्त्र विभागाच्या Classroom Seminar मध्ये भारतीय अर्थनीती विषयावर विचार मांडताना  
सुयोग बिडवे (M.A.- Part- I, 2017-2018)

अर्थशास्त्र विभागाच्यावतीने आयोजित मराठी अर्थशास्त्र परिषदेत सहभागी विद्यार्थिनी योगिता  
क्षीरसागर. (8 नोव्ह.2016)



# मराठी अर्थशास्त्र परिषद

## सन्मानपत्र

कु.प्र.डॉ. योगिता क्षीरसागर यांना

मराठी अर्थशास्त्र परिषदेच्या ४० व्या राष्ट्रीय वार्षिक अधिवेशनात  
श्री नेमिनाथ जैन ब्रम्हचर्याश्रम (जैन गुरुकूल) संचालित कर्मवीर केशवलालजी खरकचंदजी आबड कला,  
श्रीमान मोतीलालजी गिरधारीलालजी लोढा वाणिज्य व श्रीमान पी.एच.जैन विज्ञान (वरिष्ठ) महाविद्यालय, नेमिनगर, चांदवड,  
जि.नाशिक येथे डॉ.ज.फा.पाटील पारितोषिक (अधिवेशन काळात विद्यार्थ्यांनी सादर केलेल्या सर्वोत्कृष्ट शोध निबंधास)  
सन्मानपत्र देऊन गौरविण्यात येत आहे.

दिनांक : ८ नोव्हेंबर २०१६

  
प्रा.डॉ.आर.बी.भाडवलकर  
कार्यवाह - खजिनदार

  
प्रा.चारुवत्त गोखले  
कार्याध्यक्ष

  
प्रा.डॉ.एस.एम.भोसले  
अध्यक्ष