

Dr BHABHA VIDNYAN LOKSHIKSHAN SANTHA'S



**K. Z. S. SCIENCE COLLEGE**  
**DEPARTMENT OF PHYSICS**



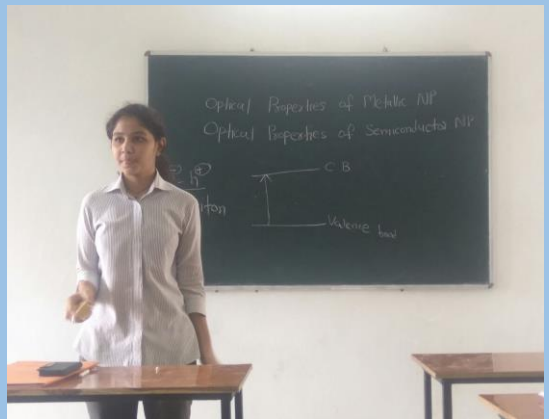
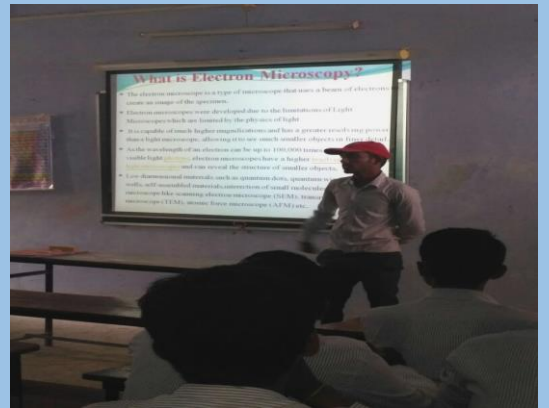
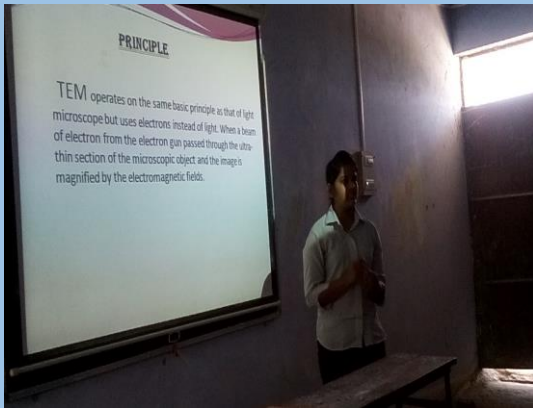
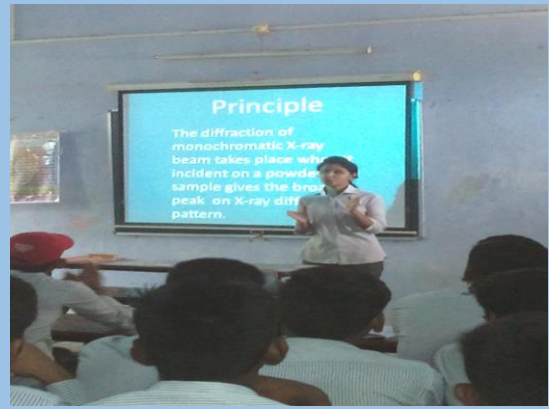
**ACTIVITIES**  
**2017-2018**

## 1. **LASSROOM PRESENTATIONS - Sept – Oct 2017**

Report on the “CLASSROOM PRESENTATIONS” organized by the department of physics in the year 2017-2018.

Since 2003, the department of physics implementing the project - “Classroom Presentations” of the students on their syllabus topics. This year also we implemented the same. The motive of this project was to develop the skill of presentation amongst the students with the depth of knowledge, so as to make them able with hand in presentation while their higher education or job in future. Student have to study the current scientific developments and present it, collaborate it with the topic delivered to him/her by the teacher for the presentation. Total 14 students were the participated, 4 from semester I on 7<sup>th</sup> Oct, 4 from semester III on 28<sup>th</sup> Sept and 6 from semester V on 5<sup>th</sup> Oct 2017. We wish all the success to these students in future. The project was conducted under the guidance of Dr. Upendra Mahatme.





SEMESTER V, on 05-10-2017



SEMESTER III, on 28-09-2017



## 2. Guest Lecture - 03 Feb 2018

*Report on the "Guest Lecture" organized by the department of physics in the year 2017-2018.*

Guest lecture of Mr. Anil Tatode, Training Officer, Cloud Technology & Robotics Department, RTM Nagpur University was organized by the department of physics on 3<sup>rd</sup> Feb 2018 in collaboration with Currier Guidance-Counseling Cell. He delivered very fruitful and beneficial lecture on the topic "Cloud Technology and Information Security". Total 47 students were present to take the benefit of the lecture.



### 3. **Guest Lecture** - 16/02/2018

*Report on the "Guest Lecture" organized by the department of physics in the year 2017-2018.*

Guest lecture of Mr. Nishant Meshram, founder, Nishant Solar Tech., Nagpur was organized by the department of physics on 16<sup>th</sup> Feb 2018 under the solar energy project "TO ENHANCE THE SOLAR ENERGY AWARENESS IN RURAL SOCIETY THROUGH THE STUDENT'S PARTICIPATION" on the topic "SOLAR POWER: FUTURE ENERGY SOURCE". He delivered very fruitful and beneficial lecture in a charming way.



#### **4. STUDY TOUR - 17 Oct 2017**

*Report on the "STUDY TOUR at JSW plant" organized by the department of physics in the year 2017-2018.*

The study tour of our college students at JSW plant, Industry, MIDC, Kalmeshwar was organized by the department of physics on 17<sup>th</sup> Oct 2017. This tour was as a part of *SOLAR ENERGY PROJECT* for our students during the session 2017-2018 and workshop conducted during 23 to 24 Feb 2018 in our college. The motive of this tour was to enhance the awareness and interest of the students in solar power, solar energy resources and the solar appliances. Not only this, but the students could find their carrier (Job /Business) in the field solar energy. Total 11 students were participated and each of them observed, handled and studied the solar energy resources in this plant for a day. The plant officer Dr. Goyal and other officiate related to electrical-solar resources were guided our students in very happy way. All of them tried well to satisfy the queries of our students. The HR work head officer Mr Shekhar Bharadwaj sir and Mr Kalshetty sir were cooperated us positively and assured us for the cooperation in future also.

**STUDY TOUR**  
at  
**J S W Ltd, M I D C - Kalmeshwar**  
14-10-2017



*Our students with officer Dr. Goyal and, staff of electrical and solar energy source, JSW.*





Dr. Bhabha Vidnyan Lokshikshan Sanstha's  
**K. Z. S. SCIENCE COLLEGE**

BRAMHNI

Tah. Kalmeshwar Distt.: Nagpur Pin 441 501

**DEPARTMENT OF PHYSICS**

**LABORATORY OF MATERIAL SCIENCE**

(CONDUCTING POLYMER NANOCOMPOSITES)



**To,**  
**The Works Head**  
**J S W Ltd**  
**M I D C, Kalmeshwar**

**Subject:** Visit to your company on 07.10. 2017

Respected Sir,

With your prior permission by Mr. Kalshetty sir today on 07.10.2017 at 11.00 am I am going to visit your company with our eleven students named as given below. I assured you regarding all discipline which will follow by us strictly.

Thank you for giving us opportunity to study the work on solar energy at your plant.

**B Sc. II**

1. Mr. Rushikesh Charjan
2. Mr. Sanket Washimkar
3. Mr. Ankeet Sahare
4. Miss. Rutuja Zade
5. Miss. Rucha Bhelkar

**B. Sc. III**

1. Miss. Komal Dhande
2. Miss. Pallavi Takit
3. Miss. Chaitali Raut
4. Miss. Mitali Chaudhari
5. Mr. Sudarshan Deoghare
6. Mr. Rushikesh Shrikhande

**Dr. Anand Tikhe**  
Principal  
K. Z. S. Sci. College

**Dr. Upendra Mahatme**  
Asstt. Prof. - Physics  
K. Z. S. Sci. College

## 5. **WORKSHOP - SOLAR ENERGY - 23<sup>rd</sup> & 24<sup>th</sup> Feb 2018**

### **“To Make Student as Trainee of Solar Energy Based Appliances”**

***Report on the workshop - “To Make Student as Trainee of Solar Energy Based Appliances” organized by the department of physics in the year 2017-2018.***

The workshop on the topic “To Make Student as Trainee of Solar Energy Based Appliances” was organized by the department of physics on 23 and 24 Feb 2018 under the solar energy project based on the theme “TO ENHANCE THE SOLAR ENERGY AWARENESS IN RURAL SOCIETY THROUGH THE STUDENT’S PARTICIPATION”. The inaugural function on 23<sup>rd</sup> Feb was presided over by Mr. Prabhakarji Shrikhande, President, LMC in the presence of main appearance of Mr. Nirmalkumar Shrikhande, President, (B. V. L. S.) and Mr. B. R. Sonule, Secretary, B. V. L. S.. The invited talk of the chief guests, Dr Punumaka Nagababu, Senior Scientist, EMD, CSIR-NEERI, Nagpur and Mr. Sarang Mahajan, DGM – MEDA, Nagpur followed by the inaugural speech of Mr. Sekar Bharadwaj, Head, H. R. - JSW Ltd, M. I. D. C. – Kalmeshwar. Mr. Nishant Meshram, founder, Nishant Solar Tech., Nagpur and Mr. G. K. Hippargi, Tech. Officer, EMD-NEERI, Nagpur, were in the guest appearance. The whole project, including guest lecture, study tour and workshop, was introduced by Dr Upendra Mahatme, Head, Dept of Physics. He also introduced all the guests of this inaugural function. Entire inaugural function was announced by Dr A. R. Bijwe, asst professor, dept of chemistry and the vote of thanks was delivered by Dr Sharadkumar Gedam, asst professor, dept of physics. This, two days’ workshop was conducted by Mr. Nishant Meshram, Founder, Nishant Solar Tech., Nagpur as a trainer. Total 52 students of our college were the trainees of this workshop. Each day of workshop was divided in two technical sessions with lunch break and all the sessions were chaired by the principal of our college, Dr Anand Tikhe. Our students become aware about the solar energy appliances and how to install the solar panels for net metering, and the nice practical guidance by the trainer, Mr. Nishant Meshram was very appreciable. This workshop and entire solar energy project may definitely open the new opportunities for trainee student’s carrier in the field of solar energy. The motive of the said workshop was to trained our students with technical hands to do basic connections and installation of solar assembly, as well the individual student shall become aware of NET METERING through this workshop.



**Dr. BHABHA VIDNYAN LOKSHIKSHAN SANTHA'S  
K. Z. S. SCIENCE COLLEGE**  
Kalmeshwar-Bramhni



**DEPARTMENT OF PHYSICS**  
**WORKSHOP**



**23<sup>rd</sup> & 24<sup>th</sup> Feb. 2018**



**“To Make Student as a Trainee of Solar  
Energy Based Appliances”**

*This is to certify that Mr/Miss \_\_\_\_\_  
of the student of K. Z. S. Science College, Bramhni-Kalmeshwar has participated in the  
workshop to develop his skill of making basic connections in the solar energy based Net  
Metering System and Stand Alone System. We wish him all success in future.*

*P. Nagababu*  
**Dr. Penumaka Nagababu**  
Senior Scientist – EMD  
NEERI - Nagpur

*Nishant Meshram*  
**Mr. Nishant Meshram**  
Director  
Nishant Solar Tech.- Nagpur

*Sekar Bhadrwaj*  
**Mr. Sekar Bhadrwaj**  
Head  
HR - JSW Ltd - Kalmeshwar

*Sarang Mahajan*  
**Mr. Sarang Mahajan**  
D. G. M.  
M. E. D. A - Nagpur

*Anand Tikhe*  
**Dr. Anand Tikhe**  
Principal  
K. Z. S. Sci. College

*Upendra Mahatme*  
**Dr. Upendra Mahatme**  
Asstt. Prof. - Physics  
K. Z. S. Sci. College

**Technical Support**



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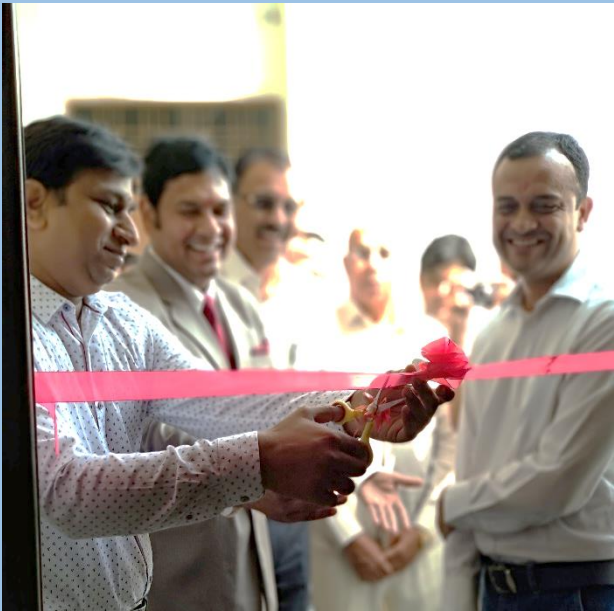
**Trainees - Batch - B<sub>1</sub> – 23 / 02 / 2018**

Sr. No.	Name of Students	Signature	
		Session I 11.30am -1.30pm	Session II 2.00pm -4.00pm
1	Achal Purushotam Hiratkar		
2	Ajinkya Hiralal Upase		
3	Akash Ramdas Khrede		
4	Akshay Ramesh Rao Nege		
5	Akshay Ashok Belekar		
6	Aniket Vijay Chimote		
7	Ankasha Dugdev Golhar		
8	Ankit Bhagwat Tajane		
9	Ankita Purushottam Ghode		
10	Ashwini Surendra Dhote		
11	Bharati Anil Gurav		
12	Bhupali Ruprao Bhusari		
13	Chaitali Natthuji Raut		
14	Chetan Mahadeo Shrikhande		
15	Farheen Mohmood Sheikh		
16	Harshal Babarao Bugul		
17	Jitesh Vilasrao Bende		
18	Kavita Pramod Hedau		
19	Kiran Sunil Bedarkar		
20	Komal Suesh Dhande		
21	Manish Nandu Bijoliya		
22	Manoj Dilip Kirpal		
23	Mitali Manikrao Chaudhari		
24	Nayana Kamalakar Tikhe		
25	Nikesh Sukhadeo Jogi		
26	Nikita Bhimeshwar Dhote		



**Trainees - Batch – B<sub>2</sub> – 24 / 02 / 2018**

Sr. No.	Name of Students	Signature	
		Session I 10.30am -12.30pm	Session II 1.00pm - 3.00pm
27	Pallavi Padmakar Takit		
28	Pooja Shrawan Bhalerao		
29	Pooja Shravan Nimje		
30	Pragati Suresh Hiwarkar		
31	Prakash Kavduji Kuhite		
32	Pratik Manihar Tikhe		
33	Premila Ramaji Sushir		
34	Priyanka Marotrao Bhise		
35	Priyanka Sureshrao Bandhe		
36	Rupali Sunil Madekar		
37	Rushikesh Anant Shrikhande		
38	Sangam Narayan Thakre		
39	Sanket Sudhakar Shrikhande		
40	Shamli Arun Nimaje		
41	Shital Bhimrao Bagde		
42	Shivani Santosh Shinganapure		
43	Shubham Baburao Kakpure		
44	Shubham Nanakishor Rakas		
45	Shubhangi P. Gawande		
46	Smita Prakash Bambratkar		
47	Sonu Kameshwar Mahanto		
48	Sudarsh50an Krushna Deoghare		
49	Swapnil Ravindra Mouje		
50	Vikas Haribhau Dhale		
51	Vipul Anil Kukade		
52	Vishakha Jaysing Tagde		

















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**K. Z. S. SCIENCE COLLEGE**  
 Kalmeshwar-Bramhni  
**DEPARTMENT OF PHYSICS**  
**WORKSHOP**  
 23<sup>rd</sup> & 24<sup>th</sup> Feb. 2018

**"To Make Student as Trainee  
 of Solar Energy Based Appliances."**

Under  
**THE SOALR ENERGY PROJECT**  
**"TO ENHANCE THE SOLAR ENERGY AWARENESS IN RURAL  
 SOCIETY THROUGH STUDENT'S PARTICIPATION"**

Technical Support



Nishant Solar Tech  
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