

Bharatiya Jain Sanghatana's
Art, Science and Commerce College

Wagholi, Pune.

Department Of Physics

Year 2017-2018

Departmental Activity:

- **Two days workshop on “Computer Hardware and Networking”**

1. Department of Physics and OM Sai Computer Organized a workshop on” Hardware and Networking” held on 26th and 27th September 2017. Mr. Sunil Kadam (Director, Cadline India Solution.Pvt. Ltd) was present for this event.
2. In Computer Hardware and Networking workshop 25 Students were participated.
3. It was conducted by experts team from Om Sai Computer, MKCL authorized computer center, Wagholi, Pune.
4. It gave the fundamental knowledge about computer hardware, Operating System installation, fault diagnosis and networking.

- **Celebration of National Science Day**

1. On the occasion of birth anniversary of C.V.Raman celebrated national science day.
2. The theme of National Science Day 2018 is "**Science and Technology for a Sustainable Future**", which has been chosen for the purpose of raising public appreciation of the scientific issues involved. Bharatiya Jain Sanghatana's Arts, Science & Commerce College, Wagholi celebrates National Science Day on 27th February 2018 to introduce some effective programs in colleges.
3. The basic objective of celebration of National Science Day is to propagate the message of importance of science and its application among the people.
4. BJS has celebrated National Science Day-27th February 2018 with the following Activities:
 - a) **Lectures:** The first lecture was delivered by Mr. Sonawane S.M. Head Department of Physics on the topic “Life and research of C V Raman”.

- b) **Written Science Quiz Competition:** The science quiz contest will be organized for science students.
- c) **Documentary Movie on Mangalyan-Indias Mission on Mars:** The special film will also simplify the science behind the India's Mars Orbiter Mission (MOM) Mangalyaan and how it successfully entered the orbit of the red planet.
- d) **Seminar Presentation Competition:** Five minutes seminar presentation using PPT was organized on 28/02/2018 at 9.00 am on the theme-“Science and technology for Sustainable Future”

- **Birth Anniversary of Dr. A.P.J Abdul Kalam**

1. On the occasion of the Birth anniversary of Dr. A.P.J Abdul Kalam, Physics Department has Conducted video lecture on “Swpnatil Kalam and Jivnpravas” by Gulazar Sir.

- Guidance to Four students for the “Avishkar Competition” in BJS College.

- **Study Tour**

1. Department Of Physics Organized Study Tour for S.Y B.Sc. Students at Science Park, Pimpri Chinchwad, Pune on 18 February 2018.
2. A group of 25 students were participated.
3. Pimpri Chinchwad Science Park (PCSP), a unique, non-formal science learning Centre in the industrial twin-township of Pimpri Chinchwad.
4. Science Park Provide and facilitate education, training, promote science and technology based entrepreneurship and act as an incubation centre for creation and dissemination of teaching and learning material and also R&D in all disciplines of science and technology.

- **Staff Achievements**

- **Sonawane S.M**

1. Oral Presentation in 22nd “International conference and Expo on Nano science and Molecular Nanotechnology” held during November 6-8, 2017 in Geothe University Frankfurt, Germany.

2. Poster Presentation in 8th International conference on “Advanced Materials Development and performance (AMDP 2017) held from July 11-15, 2017 at Department of physics, SPPU.
3. Oral Presentation in “International conference on Nanotechnology for human welfare (ICNHW 2018)” held during Feb 1/3/2018 at HVDC and COEP, Pune.
4. Oral Presentation in “Advanced Methods for Material Characterization (SCAMMC 2018)” held during Jan 5-6, 2018 at Department of Physics, BJS College.
5. Felicitated by Vice Chancellor Dr. Nitin Karmalkar, SPPU, and Pune for outstanding contributions in national cadet Corps (NCC) officer.
6. Collaborative research work during Nov 9/12/2017 at Pierre Marie Curie University (UPMS) Paris, France.
7. Participated in Facility Development Program (FDP) for IQAC on 19/03/2018 to 25/03/2018 conducted by UGC-HRDC Savitribai Phule Pune, University.

Taur S.M

1. Guidance to students for Poster Presentation held H.V.Desai College, Pune on 1/02/2018 – 3/02/2018.
2. Guidance to students For Avishkar Competition held on B J S College, Wagholi on 20th January 2018.
3. Participated in two days state level seminar on “Skill and open ended Experimentation in optics” organized by Modern College on 22nd and 23rd February 2018.

• Students Activity and Achievements

1. 20 Students of B.Sc. Physics Participated in national science Quiz competition organized by IISER, Pune. , held on 6th Jan, 2018.
2. 20 Students of B.Sc. Physics Participated in poster presentation held on H.V.Desai College, Pune on 1/02/2018 – 3/02/2018.
3. Presented posters in Avishkar Technical event held at 20th December 2017,

- Ruchira Deokar
- Mopane Pradnya
- Gaikwad Krishna
- Ghadge Abhishek

4. Poster Presentation in International Conference on Nanotechnology for Human Welfare on 1st to 3rd February 2018.
 - **Solar Energy the Ultimate Renewable Energy** : Gaikwad Krushna, Pipada Sneha, Taur S.M
 - **Synthesis of Gold Nanoparticles** : Ruchira Deokar, Bodake Vidya, Sonawane S.M
 - **Chemical Spray Pyrolysis Equipment and its Parameter** : Walke Archana, Tayde Shital, Taur S.M
5. 25 Students of S.Y.B.Sc. Physics Department Participate in two days workshop on “Computer Hardware and Networking “on 26 and 27 September 2017.
6. 20 Students of S.Y.B.Sc. Physics department Participated in National Science quiz Mimasa – 2018 on 6 January 2018 at ISSER Pune.
7. In Science day Celebration on 27th February 2018 **Kale Shrutika** Won first prize in quiz competition and **Lokhande Arti Navnath** won first prize in Seminar presentation Competition.

Sonawane S.M

Head, Department of Physics