

Bharatiya Jain Sanghatana's
Art's Science & Commerce College, Wagholi, Pune-412207

Department of Physics
Academic Year 2014-2015





Department of Physics Organized a workshop on Computer Hardware and Maintenance.





Department of Physics Organized a Guest Lectures.

Bharatiya Jain Sanghatana's

Art's Science & Commerce College, Wagholi, Pune-412207

Department of Physics

Academic Year 2015-2016



Bharatiya Jain Sanghatana's
Art's, Science & Commerce College
Wagholi, Pune-412207



National Science Day Celebrations-2016
Monday, 29th February 2016

Research Opportunity in Science By-Dr.Kolekar S. K. (Young Scientist IISER,Pune) 29/02/16 (9.00am to 10.00 am)	Written Science Quiz for Students Topic –General Science 29/02/16 (10.30am to 11.00am)	Science Film Show Launching Of Satellites 29/02/16 (11.00am to 11.30am)
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Essay Competition
Science for Nation Building
(Maximum 1000 words in English/Marathi/Hindi,
Only Handwritings Essay will be considered)
Last Date for Receiving Essay 03/03/16

Prof. Shivaji Sonawane Head, Dept. of Physics	Submit To-Mr.Sonawane S.M. Department Of Physics	Dr. Babasaheb Sangale Principal
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Inaugural function of National Science Day Celebration by Department of Physics on 29th February 2016.



Hon. Guest Dr.Kolekar S K from IISER, Pune on Science Day celebration by Department of Physics on 29 February 2016.

Bharatiya Jain Sanghatana's
Art's Science & Commerce College, Wagholi, Pune-412207
Department of Physics
Academic Year 2016-2017



Inaugural Function of One Day State Level Seminar on “Innovation in Nano Science and Nanotechnology” and Felicitation to Dr. Rajendra Prasad (National Defence Academy, Khdakwasla, Pune). Students were enjoying the lecture of Dr. Rajendra Prasad on “Application of Nano Science and Nanotechnology”.

Patrons

Hon. Shri. Shantilal Muttha
Founder President, B.J.S.
Hon. Shri. Prafulla Parakh
National President, BJS
Hon. Shri. Abhay Munot
Chairman, L.M.C. B.J.S. College
Hon. Shri. Shantilal Bora
Chairman, BJS School Committee

Hon. Dr. Wasudev Gade
Vice Chancellor, SPPU, Pune
Hon. Dr. Galkwad V. B.
Director, B.C.U.D., SPPU, Pune.
Hon. Dr. Narendra Kadu
Registrar - SPPU
Hon. Dr. Vidya Gargote
Account & Finance Officer

Advisory Committee

Dr. Arun Adsool
(Ex-Vice Chancellor, SPPU)
Dr. R. K. Pathak
Dr. N. B. Chaurse
Dr. S. D. Dhole
Dr. Jadhav S.S.
(Co-ordinator, Science Faculty)

Dr. Pandit Vidyasagar
(Vice Chancellor, SRTM, Nanded)
Dr. S. I. Patil
(EX. HOD Dept. of Physics, SPPU)
Dr. S. R. Jadhakar
Dr. H. M. Pathan
Prin. Dr. K. C. Mohite

Well-come and Organising Committee

Dr. Babasaheb Sangale
Principal
Dr. Sanjay Gaikwad
HOD, Dept. of Chemistry

Dr. Kishor Desarda
Vice Principal
Mr. Shivaji Sonawane
Co-ordinator
(9970592573)

Member

Mr. Deepak Anjal
Dr. Devidas Patil
Mrs. Madhuri Deshmukh
Dr. Rupali Galalkari
Mrs. Manisha Bora
Mr. Dinesh Gaikwad
Mr. Tejas Javeri
Mr. Keskar S.V.
All Science Students and Non-teaching Staff

**ONE DAY STATE LEVEL SEMINAR
ON**

**"Innovation in Nanoscience
and Nanotechnology"
(NANO-2017)**

9th January 2017

Book-Post

To, _____

Dr. Babasaheb Sangale
Principal
Bharatiya Jain Sanghatana's ASC College,
Pune-Nagar Road, Bakori Phata, Wagholi, Pune. – 412 207
Website - www.bjscollege.org.in

Location Map

BJS
Bharatiya Jain Sanghatana

Savitribai Phule Pune University, Pune
Quality Improvement Programme
has sponsored

**ONE DAY STATE LEVEL SEMINAR
ON**

**"Innovation in Nanoscience and
Nanotechnology"
(NANO-2017)**

9th January 2017

**ORGANISED
BY**

Department of Physics,
Bharatiya Jain Sanghatana's ASC College,
Pune-Nagar Road, Bakori Phata, Wagholi, Pune. – 412 207

ABOUT PUNE

Pune is a historic place in the western part of India. The city of Pune is known as 'Oxford of East' for its excellence in the field of education.

It is well connected by road, rail and air. The Climate of Pune is cool & pleasant in the western part of India. This city has many more educational, historical, scientific and culturally well known places such as S.P.P.U., Agakhan Palace, Shaniwar wada, Parvati, National Chemical Laboratory, Vaikunthbhai Mehta National Institute of Co-operative Management, NDA, DRDO, IUCAA, Dagadusheth Halwai Ganpati Temple and many more.

ABOUT SAVITRIBAI PHULE PUNE UNIVERSITY

Savitribai Phule Pune University, one of the premier universities in India, is positioned in the North-western part of Pune city. It occupies an area of about 411 acres. It was established on 10th February, 1949 under the Poona University Act. The university houses 46 academic departments. It is popularly known as the 'Oxford of the East'. It has about 307 recognized research institutes and 612 affiliated colleges offering graduate and under-graduate courses.

The university attracts many foreign students due to its excellent facilities. It offers good accommodation facility. There is a provision of hostel for the students. There is a well-stocked library containing plenty of books regarding various subjects. The university offers different scholarships to the students. The university conducts seminars and conferences for the students.

BJS
Bharatiya Jain Sanghatana, Pune

Hon. Shri. Shantilal Muttha
Founder President

Hon. Shri. Prafulla Parakh
National President

Bharatiya Jain Sanghatana (BJS) was established in the year 1985 under the visionary leadership of Mr. Shantilal Muttha. BJS is an NGO, which has been in the forefront of addressing national issues and concerns in the areas of school education, social development, value education (Mujyavardhan) and disaster response. Working with a secular outlook, BJS reaches out to all sections of society, with the aim of building capacity of people to bring about positive change in their lives and in society at large. The world Association of Non-Governmental organizations an Apex body has recognized and rewarded BJS with WANGO Award as the World's Best NGO for 2005.

ABOUT THE COLLEGE

Dr. Sangale B. R.
Principal

Bharatiya Jain Sanghatana's Arts, Science and Commerce College was established for the victims of Latur and Killari earthquake at WERK Project, Wagholi in the year 1995 with the vision of **Exploring Youth Capabilities For Social Service** and holistic development of the students. The college is affiliated to the Savitribai Phule Pune University having Jain religious minority status.

The College provides education in BA, BCom, BSc, BCA, BBA(CA), MSc, MCom and as Ph.D Research center in commerce. The college runs Community College sanctioned by UGC and various Career Oriented Programmes.

ABOUT DEPARTMENT OF PHYSICS

The Department of Physics was established in the year 1995. The department has three well equipped & spacious laboratory & computer lab with WIFI facilities. One of which is particularly separated for general practicals & a separate dark room for optics related practicals. The goal of teachers in our department is not just to teach, but to inspire students to understand, love and explore the beauty of physics. Students are thus encouraged to participate in various seminars and quiz contests taking place inside and outside the college premises.

ABOUT THE SEMINAR:

Invitation

Dear Sir/ Madam,

With Immense pleasure we invite you to participate in one day state level seminar on **"Innovation in Nanoscience and Nanotechnology (NANO-2017)"** being organized by Department of Physics, Bharatiya Jain Sanghatana's ASC College, Wagholi sponsored by Quality Improvement Programme, Savitribai Phule Pune University, Pune on 9th January 2017. We look forward to welcome you at our college for the seminar.

Scope & Objectives

The conference will provide a good platform for sharing and exchange of ideas in multidisciplinary research groups. The conference will be informative about the recent advancements in nanoscience, nanotechnology and different advanced materials. Nano-2017 will provide excellent opportunities to review the recent development and technological applications covering wide range of topics.

The conference will cover the following areas :

1. Synthesis & Characterization of Nanomaterial
2. Applications of Nanotechnology and Nanomaterial
3. Thin film
4. Nanostructured complexes
5. Nanobiotechnology & Nanomedicine
6. Nano electronics
7. Nanoproducts
8. Materials Science
9. Modelling and Simulation
10. Energy and Environment

Guidelines for Submission of Abstract :

The interested participants are requested to send research abstract on " Innovation in Nanoscience and Nanotechnology" with above mentioned sub- theme. The research abstract should be in Times New Roman, Font size 12, spacing 1.5, justified including title (14, Bold, centered) name of the author (12, centered) & email address (10, centered) by e-mail.

E-mail for Submission:-

1. sonawanes Shivaji77@gmail.com
2. nanoscience2017@gmail.com

Contact : Prof. Sonawane S. M. M.: 9970592573
Prof. Taur Shailesh M.: 8421108505

Important Dates

Last date of submission of Abstract - 30 th Dec. 2016
Notification of Acceptance - 1 st Jan. 2017
Last Date of Registration - 5 th Jan. 2017

Accepted papers will be published in Proceeding book with ISBN.

Registration

The interested participants can register by sending the duly filled registration form either hard or soft copy to the Conference Co-ordinator.

The registration fees are as follows

Particular	Fees
Industry Professional	Rs.500
Faculty	Rs.300
Research Scholar/ Students	Rs. 100

Note : Accommodation will be available strictly on prior intimation.
The registration fees can be paid by Demand Draft / RTGS / NEFT drawn in favour of **The Principal, BJS College Wagholi, Pune** Payable at **Oriental Bank of Commerce A/c No. 20892191012139** (IFSC Code : ORBC0102069, MICR Code 411022022)

Invited Speakers

1. Dr. N.B. Chaurse (Department of Physics, S.P.P.U. Pune)
2. Dr. K.C. Mohite (Principal, C.T. Bora College , Shirur)
3. Dr. Adinath Funde (School of Energy Study, S.P.P.U. Pune)
4. Dr. Rajendra Prasad M B (National Defence Academy, Pune)
5. Dr. Rajesh Kanawade (M. D., RK Advanced Optical Technology Pvt.Ltd)
6. Dr. Shridhar Bhat (Plant Head, ABS Electroplating Industry, Sanaswadi)



Inaugural Function Of One day State Level Seminar by Chief Guest Hon. Dr. K. C. Mohite (Principal C.T Bora College, Shirur. Ex- Dean Faculty of Science, SPPU Pune.)



**Bharatiya Jain Sanghatana's Arts, Science and
Commerce College, Wagholi, Pune-412207**

State Level Seminar on

"Innovation In Nanoscience and Nanotechnology"**(NANO-2017) 9th January 2017****Organized by Department of Physics****Tentative Programme Schedule**

Sr. No.	Time	Programme
1	9.30 to 10.30	Registration and Breakfast
2	10.30 to 11.00	Inauguration- Dr. K.C. Mohite, (Principal C.T. Bora College, Shirur.Ex. Dean Faculty Of Science, SPPU, Pune) Mr. Shantilal Bora, Prin. Dr. Babasaheb Sangale
3	11.00 to 12.00	Technical Session-I Dr. Shridhar Bhat Plant Head, ABS electroplating industry, Sanaswadi Subject- Electroplating in Photovoltaic cell Introduction- Dr. S.D. Gaikwad Vote of thanks- Dr. R.A. Gulalkari
4	12.00 to 1.00	Technical Session-II Dr. Rajendra Prasad M. B. National Defence Academy, Khadakwasla, Pune Subject- Application of Nanoscience and Nanotechnology Chairperson- Prof. D.R. Anjal Introduction & Vote of thanks- Mr. Nawale Shriram
5	1.00 to 2.00	Lunch Break
6	2.00 to 3.00	Technical Session -III Dr. Adinath Mahadeo Funde, School Of Energy Studies, SPPU, Pune. Subject:- Nanotechnology in Renewable Energy Chairperson- Dr.S.D. Gaikwad Introduction & Vote of thanks- Miss. Bhambe Komal
7	3.00 to 4.00	Technical Session -IV Dr. Rajesh Kanawade, Managing Director, RK Advanced Optical Technology, Pune Subject:- Nanotechnology in Medical Science Chairperson- Dr. D. N. Patil Introduction & Vote of thanks- Miss. Bhendbhar Nikita
8	4.00 to 4.15	Tea Break
9	4.15 to 5.00	Paper Presentation
10	5.00 to 5.30	Valedictory Function, Certificate Distribution Dr. Patil Sandip (Modern College, Shivajinagar)

Co-ordinator

Prof. Sonawane S. M.

Principal

Dr. B.R. Sangale



Study Tour to Science Park, Pimpri Chinchwad, Pune.







Inaugural Function of AVISHKAR 2017 Zonal Research Project Poster Competition by Dr. K.C. Mohite, (Principal C.T.Bora college, Shirur, Ex-Dean Faculty of science SPPU Pune). He Delivered Valuable Guidance To Students.





Evaluation of Zonal Level Poster Presentation on AVISHKAR 2017 by Prof. Sanjay Dhole as an Physics subject expert



**BHARATIYA JAIN SANGHATANA'S ARTS,
SCIENCE AND COMMERCE COLLEGE,
WAGHOLI,
PUNE**



TWO DAY WORKSHOP ON

“ COMPUTER HARDWARE & NETWORKING ”

CHIEF GUEST :- MR. SUNIL KADAM

(MKCL trainer Provider,
Director, Cad Line India, Pune District)

MR. JEEVAN KALE

(OM SAI Computers , Wagholi)

PRESIDENT :-DR. B. R. SANGALE

(Principal BJS's ASC College,
Wagholi,Pune)

Co-ordinator

MR. SONAWANE S. M.



Principal

DR. SANGALE B. R.

**TWO DAY WORKSHOP****ON****COMPUTER HARDWARE AND NETWORKING**26TH & 27TH SEPTEMBER 2017**Organized by**

Department of Physics

Bharatiya Jain Sanghatana's Arts, Science and
Commerce College Wagholi, Pune Maharashtra**CERTIFICATE OF PARTICIPATION**

This is to certify that **Khaire Ashish Dilip** from Bharatiya Jain Sanghatana's Arts Science and Commerce College, wagholi, Pune. participated in Two day workshop on **Computer Hardware & Networking** training programme held on 26th & 27th September 2017. It was conducted by experts team from Om Sai Computer, MKCL authorised computer center, Wagholi, Pune.

Mr. J. N. Kale
Om Sai Computer
DirectorProf. S. M. Sonawane
Co-ordinatorDr. B. R. Sangale
Principal



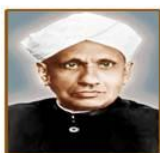
Department of Physics Organized one day workshop on “Computer Hardware and Networking” inaugurated by chief guest Mr. Sunil Kadam (MKCL Trainer Provider, Director Cadline India, Pune District)



Students got hand on training in workshop







Bharatiya Jain Sanghatan's
Arts, Science & Commerce College, Wagholi,
Pune-412207

Department Of Physics



**Chandrasekhara Venkata Raman
National Science Day Celebrations-2018**

Sr.No	Programme	Date and Time	Programme Details
01	Sir.C V Raman Memorial Lecture	27/02/18 (9.00am to 10.00 am)	Life and Research of C V Raman By-Sonawane SM
02	Written Science Quiz for Students	27/02/18 (10.30am to 11.00am)	Topic –General Science
04	National Geography Film	27/02/18 (11.00am to 12.00am)	Mangalyan-Indias Mission on Mars
03	Seminar Presentation Competition	Wednesday -28/02/18 Time-9.00am Place-Room No-10	Theme-Science and Technology for a sustainable future 1.Five Minute presentation 2. Maximum 10 slides

Mr.Sonawane S M
Head ,Physics department

Dr. Sangale B R
Principal



Bharatiya Jain Sanghatana's
Art's Science & Commerce College, Wagholi, Pune-412207
Department of Physics
Academic Year 2018-2019



The poster features a light blue background with various electronic components like a laptop, smartphone, camera, and glasses. At the top left is the college's emblem, and at the top right is the BJS logo. The text is centered and reads: 'Bharatiya Jain Sanghatana's Arts, Science and Commerce College, Wagholi, Pune' followed by 'TWO DAYS WORKSHOP ON PRINTED CIRCUIT BOARD DESIGNING' in blue, '17th & 18th December 2018', 'Organized by Department of Physics', and the names of the Co-ordinator, Convenor, and Principal.

Bharatiya Jain Sanghatana's
Arts, Science and Commerce College, Wagholi, Pune

BJS
Bharatiya Jain Sanghatana

TWO DAYS WORKSHOP
ON
PRINTED CIRCUIT BOARD DESIGNING

17th & 18th December 2018

Organized by
Department of Physics

Co-ordinator
Mrs. P. S. Doke

Convenor
Mr. S. M. Sonawane

Principal
Dr. K. S. Desarda



BJS
Bharatiya Jain Sanghatana

Bharatiya Jain Sanghatana's
Arts, Science & Commerce College Wagholi, Pune.
TWO DAYS WORKSHOP
ON
PRINTED CIRCUIT BOARD DESIGNING
17th & 18th December 2018
Organized by
Department of Physics



CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Miss. **Bhor Sayali Sudam** from Bharatiya Jain Sanghatana's Arts Science & Commerce College, Wagholi, Pune. participated in two days workshop on “**Printed Circuit Board Designing**” training program held on 17th & 18th December, 2018. He/She attend all sessions, practicals and actively participated in all activity which also included poster presentation & electronic project work during the workshop.

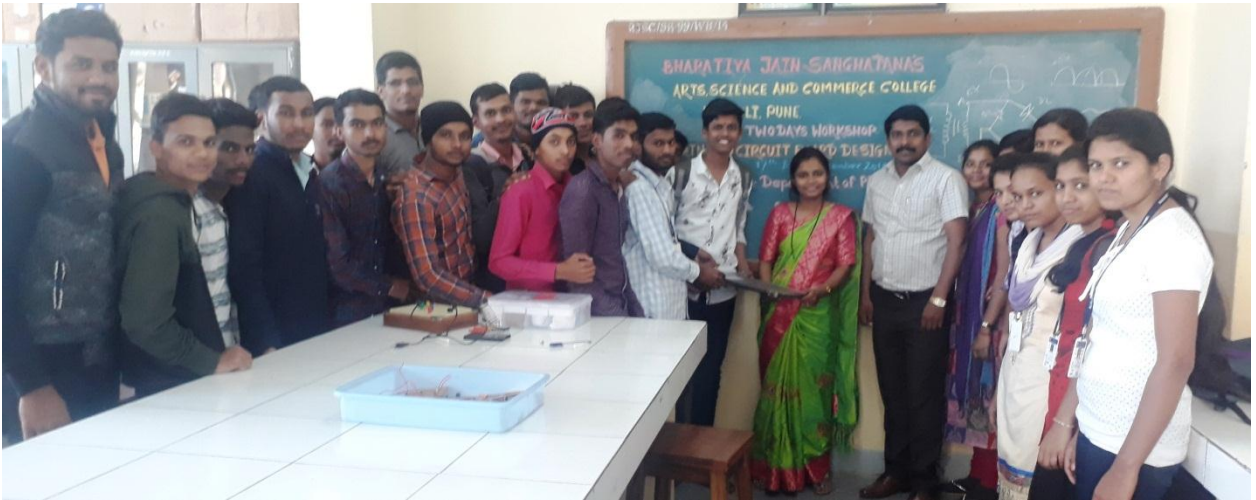
Mrs. P. S. Doke
Co-ordinator

Mr. S. M. Sonawane
Convener

Dr. K. S. Desarda
Principal



Department of Physics organized a two days workshop on “Printed Circuit Board Designing”. At Inaugural Function Dr. S.D.Gaikwad, Prof. Sonawane S.M, Prof. Doke P.S and students are presented.



Students were designing its own PCB and Handles various electronics components.







Study Tour to Savitribai Phule Pune University on the occasion of National Science day on 28th February 2019.



