

**BHARATI VIDYAPEETH'S**  
**Dr. Patangrao Kadam Mahavidyalaya, Sangli**  
**INSPIRE – Internship Program – 2012-2013**

8<sup>th</sup> to 12<sup>th</sup> January 2013

Sponsored. By Department of Science and Technology, New Delhi

Organized by **Dr. Patangrao Kadam Mahavidyalaya, Sangli**

This program was financially supported by DST, New Delhi and organized by Dr. Patangrao Kadam Mahavidyalaya, Sangli - under the chairmanship of Prin. Dr. S. R. Bamane. The co-ordinator of this event was Dr. Mrs. Jaya Kurhekar, co co-ordinator Mr. A. L. Jadhav, Secretary Mr. S. N. Mohite and Treasurer Mr. S. N. Kamble. Various committees were appointed with senior college staff as in charge of each committee.

Committees were as follows:-

1. Welcome and Felicitation committee.
2. Stage arrangement and decoration committee
3. Mike and electronic gadget arrangement committee
4. Students lodging committee
5. Anchoring committee
6. Invitation committee
7. Health and Medical care committee
8. Boards and board writing committee
9. Catering committee
10. Registration and certificate committee
11. Tea and cold drinks committee
12. Publicity committee
13. Science exhibition committee
14. Computer arrangement committee

Students attended the program where in 25 were residential students and 75 were localites, coming from nearby cities and areas. The residential students were lodged in Hotel City Palace located in the Sangli city market place close to ST bus stand. Students were provided hot water for bath and tea at the hotel. Arrangement of conveyance was made for them to bring them to the college located in Sangliwadi area and drop them back to the hotel.

**8<sup>th</sup> Jan 2013:-** Program was inaugurated on 8<sup>th</sup> of Jan 2013 at 10 am by Dr. S. H. Pawar, V.C., D.Y. Patil University, Kolhapur. He delivered a key note address on the Significance and achievements in Science and inspired the students about including every aspect of science in their life. He stressed on the deficit created in the conventional energy sources because of increasing population, with reference to the human needs. He stressed on the need to search for non-conventional energy sources other than solar, electrical atomic energy and that students could go in for research in these fields.

The first guest lecture was delivered by Dr. K. S. Rane, Ex-Vice Chancellor, Rani Chennamma University, Belgaum. He elaborated on the various “Environment Friendly processes.” He commented on the dangerous situation created by pollution in the environment today and that the preservation, conservation and protection of nature would lead to the protection of human beings. He advised students to establish a very good relationship with nature and environment for future well being.

The morning session ended with this guest lecture

The objectives behind ‘INSPIRE’ camp were elaborated upon by the co-ordinator Dr. Mrs. Jaya V. Kurhekar. The presidential address was delivered by the Chairman Prin. Dr. S. R. Bamane who stressed on students having a scientific attitude and inclination. 8<sup>th</sup> Jan being the founder and Chancellor of Bharati Vidyapeeth’s Hon. Dr. Patangraoji Kadam’s birthday, he also put forth the extensive work done by Dr. Patangrao Kadam in various fields like education, co- operative sector etc. and wished him a long life ahead.

Mr. Sanjay Thigale and Dr. Mrs. Jaya V. Kurhekar were felicitated on this occasion by the dignitaries for playing co-coordinator’s role during NAAC reaccreditation and acquiring ‘A’ grade for college as well as for the active role played as the chairman of INSPIRE program. Mr. S. N. Mohite presented a vote of thanks in the honor of the dignitaries and Mr. S. E. Burung anchored the inauguration program.

**8<sup>th</sup> Jan 2013:** Afternoon session started with the slide show and a very inspiring lecture by Dr. B. S. Mohite, Professor, Shivaji University, Kolhapur. He elaborated on the life and work of Kalpana Chawala and Sunita Williams. A slide show on ‘Space Travel’ was very interesting and inspiring. He explained crystal making using various saturated solutions of various colors. He also explained how weather forecast is done.

Post lunch lecture and demonstration session was conducted by Mr. Navnath Chavan (Physics Department) and Pramod Jagtap (Chemistry Department)

**9<sup>th</sup> Jan 2013:-** Morning session started with the guest lecture of Dr. Vasanta Pai, Prof. Chemistry, Kuvempu University, Shimoga, Karnataka state on ‘Archaeochemistry.’ He explained how research is done on balmed Egyptian mummies and from old buried cities, skeletons etc. Lecture motivated students towards the principles of Archaeochemistry.

Next guest lecture was by Dr. Kumara Swamy from Kuvempu University, Shimoga, K.S. on ‘Role of Science and Technology in Career.’ He explained the principles of Science and Technology. Dr. M. P. Bhilave, Shivaji University, Kolhapur, Dept. of Zoology took the next lecture and explained the various areas and fields in

“fisheries” in which career can be built up. He demonstrated some sample preservations and conducted slide show.

Dr. D. R. Patil Dept of Physics NMU Jalgaon then guided the students about making a career in Science and Technology. He explained various fields in which research can be done. Dr. S. I. Patil, Prof Dept. of Physics, Pune Univ., Pune was the next guest talker who, with the help of slides elaborated on the history of magnetism. He motivated students towards opting Physics in career.

Late evening session on “Debate and Discussion” was conducted by Mr. Navnath Chavan and Mr. Pramod Jagtap, from Dept. of Physics and Chemistry.

**10<sup>th</sup> Jan. 2013:** – Morning session started with the lecture on “Concept Mapping” by Dr. D. N. Bhosale from Dept. of Physics, Warnanagar College, Warnanagar. LCD presentation made the lecture very inspiring and motivating.

Dr. Gulshan Rehlan from BARC Mumbai gave the next motivating lecture on “Innovations and future challenges in Science”.

Dr. Anil Ghule started the afternoon session with his lecture on “Nano particles and Non Sciences. He hails from Dept. of Nanotechnology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Nano Science being upcoming field, students were oriented towards it.

Late evening session was conducted by Navnath Chavan and Pramod Jagtap. They conducted an MCQ test on Science, analyzed the papers and discussed with students.


**11<sup>th</sup> Jan 2013:-** Morning session started with the lecture on “Personality Development” by Dr. Mrs. Jaya V. Kurhekar. She discussed the various aspects of personality and how it should be developed.

Dr. C. J. Khilare, Dean, Science faculty, Shivaji University, Kolhapur and Principal, Dahiwadi College, Dahiwadi elaborated on future prospects in Biotechnology, various areas, fields and applications of Biotechnology. Third guest lecture was engaged by Dr. Uday Naik, Dept. of Mathematics, Willingdon College, Sangli. He explained ‘Pegion Hole principle’ with the help of numerous examples. His session continued in the afternoon. Next guest lecture was conducted by Dr. Mohan Y. Madwanna, retired Associate. Prof., Dept. of Zoology, Dayanand College, Solapur on ‘Molecular Evolution’, inspiring and motivating the students. He explained about the various careers in this field.

Valedictory function was conducted in the evening at four-thirty pm. with Prin. Dr. B. N. Pawar ACS College, Palus as the chief guest. He motivated students for opting career in Science. Prin. Dr. S. R. Bamane, Chairman, INSPRIE motivated the students to combine Science and Spirituality to make life happy. Eleven student participants in INSPIRE program expressed their thoughts and suggestions regarding INSPIRE. Vote of thanks was proposed by Dr. Jaya Kurhekar. Late evening session was conducted by Mr. Navnath Chavan, who guided the students on “Choosing a career in Science”

**12<sup>th</sup> Jan 2013:-** An excursion of the participants was planned on this day. Students were called to the college and a group photo was taken. Students were taken to visit all the departments in the college, especially Chemistry, Microbiology, Zoology and Botany. Then they were accompanied by the organizing committee members to BV'S Medical College Campus, Sangli where the ETP treatment plant (SIBP) and incinerator (for hospital biowaste disposal) was shown and explained. They were then taken to Shivaji University, Kolhapur, about 60 kms from Sangli. They were shown the Crystallography, Nano Science departments, soil-gold separation unit, NMR in Chemistry department. Then they were taken to Zoology department and shown museum, sericulture unit and animal houses. Then physics dept was visited to see the solar plant established with solar planets and solar panels.

The tour ended at about 06.30 pm students departed after INSPIRE program.



Dr. Mrs. J. V. Kurhekar  
Convener-IQAC  
Coordinator -NAAC



(Dr. D.G. Kanase)  
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Sangli.

**BHARATI VIDYAPEETH'S**  
**Dr. Patangrao Kadam Mahavidyalaya, Sangli**  
**INSPIRE – Internship Program – 2013-2014**

**Report**

**5<sup>th</sup> August to 9<sup>th</sup> August 2014**

The INSPIRE – Internship program – 2013-2014 was inaugurated at Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli on 5<sup>th</sup> of August 2014. It was scheduled from 5<sup>th</sup> Aug. 2014 to 9<sup>th</sup> Aug. 2014. It was funded by the Department of Science & Technology, New Delhi for hundred students, with a cutoff percentage of 93.2 % The total sum of Rs 6,50,000/- was granted for 100 students. The participants of this camp were in all 106 from colleges, in & around sangli.

The camp was scheduled for five days & the time table was prepared, keeping in mind, the requirements of DST of including all subjects in the science stream. Eminent experts from the field of Chemistry, Physics, Microbiology, Zoology, Botany and Mathematics were invited. The list of resource persons prescribed by DST was considered as they were sent invitation mails & finally the time table was prepared considering the resource persons who had agreed to come for the camp.

Out of 106 students participants 30 were provided residence in the Bharati Vidyapeeth Hostel in the Medical college campus & were provided with conveyance facility to go up & down to the venue. The local people requested to have the convenience of staying at home but taking advantage of the camp from 9.00 am to 7.30 pm, till dinner.

**5<sup>th</sup> Aug. 2014**

The camp was inaugurated on 5<sup>th</sup> Aug. 2014 at 10 am at the hands of Honorable Dr. Vishawjeet Kadam, Secretary, Bharati Vidyapeeth, Pune; in the gracious presence of Honorable Dr. M. M. Salunkhe, Founder Vice-Chancellor of Central University of Rajasthan & Former Vice – Chancellor Shivaji University, Kolhapur. Dr. B. A. Chopade the newly appointed Vice-Chancellor of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad also graced the occasion & delivered the key note address, elaborating on all the avenues of Science

The first lecture of the camp was engaged by Principle Dr. D. G. Kanase who elaborated on the importance of chemistry in day to day life. The response of students was very good.

The second lecture of the scientific session started in the noon at 2.00 pm, by Dr. A. M. Deshmukh Head, Dept of Microbiology, Osmanabad, Sub-campus Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. He opened up a new door to research in Biotechnology. He was appreciated by all the students.

The next lecture on 5<sup>th</sup> Aug.2014 at 3.00 pm was delivered by Dr. Prakash Thorat, Associate Professor, Dept of Microbiology, Shivaji Mahavidyalaya, Barshi on “Five friendly microbes“explaining day to day involvement of Micro-organism in our life

The next lecture was given by Dr. Mrs. Jyotsana Jawalikar, Head, Dept. of Zoology, Vyankatesh Mahajan College, Osmanabad on “Global warming” from 4.00 to 5.00 pm

Dr. Uday Naik, Associate Professor, Dept. of Mathematics, Willngdon College sangli, delivered a tutorial on “Diophantine Equations” under “fun with mathematics” from 5.00 to 6.00pm.

Dr. Navnath Chavan & Mr. Promad Jagtap then guided the student & took a group discussion – on “Basic science” from 6.00 to 7.30pm. The outcome of this discussion was that Basic sciences are necessary & a foundation, on which all other sciences are based The students were then taken for dinner & taken to the hostel

**6<sup>th</sup> Aug. 2014:** The second day started in the morning at 10.00 am with the first lecture of Dr. M. G. Bodhankar, Professor, PG Research Department, Yashavantrao Mohite College, Pune, who elaborated on the “Various Challenges in Science” attracting the students towards science. He was followed by Dr. K. C. Mohite, Dean of Science faculty, Pune University, Pune who talked about the “Golden Decade of Science - 1895 to 1905 from 11.00 to 12.00 noon.Dr.B.N.Pawar Head, Dept of Physics Y. M. College Pune, explained “Oscillatory Motion & Resonance” to the students from 12.00 to 1.00pm

The noon session started at 2.00pm ,when, Dr. Sanjay Dhole ,Dept of physics Pune University Pune explained the various” Types of Research” that could be undertaken & various unexplored fields in the Physics. Dr. D. K. Gaikwad ,Head Dept of Botany Shivaji University ,Kolhapur elaborated on “Medicinal Plants & their Photochemical” from 3.00 to 4.00pm Mr.S.A.Gaikwad ,Warden-Wild life, Govt. of India & an expert in Bird Counting by bird ringing,showed the slide show on the” Biodiversity at Kass plateau” & the various indigenous & endangered micro flora & fauna there from 4.00 to 5.00 pm From 5.00pm to 7.30pm the students were taught night-sky observation with the help of Stellarium software & slide show by Navnath Chavan & Pramod Jagtap. The students were taken to the hostel for the night, after dinner

**7<sup>th</sup> Aug.2014:** Third day was fixed for “Study tour-Excursion” After breakfast in the college, students were taken in two big buses & one small vehicle to Bharati Vidyapeeth Medical college Campus at 10.00am .They were shown the “Effluent Treatment Plant”” the Carbon purifier the incinerator, Water purification plant, the Twin generators & the Drip irrigation projects through which the garden has been developed. In the auditorium Dr. Suraj Chougule elaborated on “dental hygiene” with the help of beautiful slides. Then the students were taken to the Central Library on the campus.Students were brought to the college for lunch at 1.30pm & at 2.30pm were taken to Chitale Dairy at Bhilawadi. They were explained about the cleaning of Cows, Buffaloes; Milking with the help of mechanized milker machines & mechanized feeding .Milk pasteurization storage, Packing, stirring for preservation, distribution & processing unit were shown to the students, Students also

enjoyed the varieties of milk products. The students were brought back to college at 7.00pm, had dinner & dispersed to their respective destinations.

**8<sup>th</sup> Aug. 2014:** The fourth day started with the lecture of Dr. Balaprasad Ankamwar, who came from Dept. Chemistry, Pune University, Pune. He elaborated on “Nanoparticles, Nano materials & Nano-science” with the help of Audio-Visual slides from 10.00 to 11.00am. Dr. Sujata Kale took over at 11.00 am & talked to students about “How to study chemistry?” in a very friendly style with the help of power point presentation & chalk & board. From 12.00 to 1.00pm Dr. Arun Natu elaborated on “From nature to laboratory “in Chemistry. He inspired the students for taking up chemistry in later life. After lunch Dr. Rajeev Chikate explained the “Challenges in Chemistry from 2.00 to 3.00pm Dr. Mrs. Jaya Kurhekar, Co-ordinator of INSPIRE, took the next lecture from 3.00 to 4.00pm about “Soft Skills” She motivated the students to be positive, thinking high, have confidence & develop their personalities. Dr. Madhukar Bachulkar, Principal of Vijay Singh Yadav College, Peth-Wadgaon, elaborated on the “Ethnic flora of Western Ghat with the help of beautiful slides, inviting many questions. From 5.30 to 7.30pm, a debate was organized by Navnath Chavan & Pramod Jagtap on “Basic science versus Technology “The outcome was that with the help of Basic Science, Technology can be understood & developed while it is nothing without Basic Science. Films were shown on –Thomas Alva Edison who invented the bulb & struggled for his research against other scientists, society, journalists, own relatives but still went ahead with his work & come up with a brilliant invention. A film was shown on “Chaandrayaan” – which is built with indigenous Indian Technology & discovered water on moon for the first time. India is using minimum funding for this project while 120 countries are depending on India for this technology. This was followed by dinner & departure.

**9<sup>th</sup> Aug. 2014:** The last day of camp started with the lecture of Dr. K. S. Rane from Belgaum, a Professor Emeritus, from 10.00 to 11.00 am, about “The role of chemists in abating environmental pollution “

This was followed by a lecture of Dr. G. Srinivas, a botanist, UGC Joint Secretary, South Eastern Region, Hyderabad from 11.00 to 12. noon. He inspired students to join science stream & become scientists, showing them various ways & funding given by the Govt. He motivated them to think right, think big & build confidence.

Dr. Rajaram Mane from Nanded (SRTM) University talked on “Careers in Science” & motivated them to take up science in adverse condition too & do research & collaborate with International Universities. This lecture was followed by lunch at 1.00 pm

### **Science Exhibition**

In the physics department, Science Exhibition was inaugurated at the hands of Dr. G. Srinivas & Dr. K. S. Rane & all student participants benefitted from it. Project concerning Physics, Chemistry, Zoology, Microbiology & Botany were displayed

**The Valedictory ceremony** was held in the noon session from 4.00 to 6.00 pm a, at the auspicious hands of Dr. Pandit Vidyasagar, Vice-Chancellor, SRTM University, Nanded. He talked about concept based learning, utilizing the brain to the maximum ,utilizing the Indian genes for mathematics & the youth to be able to get involved in Research. He motivated the students to dream & dream big.

All the honorable dignitaries –Dr. H. M. Kadam, Regional Director, Bharati Vidyapeeth, Sangli, the president of the function, Dr. G. Srinivas honorable guest, Dr. Pandit Vidyasagar, were felicitated with mementoes, shawls, bouquets' & coconut. The Chairman of INSPIRE – Prin. Dr. D. G. Kanase, Co-ordinator of INSPIRE – Dr. Mrs. J.V. Kurhekar & Secretary of INSPIRE – Shri S. N. Mohite were felicitated by the chief guests for excellent organization.

At this occasion the science booklet called “INSPIRE VIDNYAN BHARATI” was published at the hands of Chief Guest of honor. Students were distributed bags, pads pens certificates & INSPIRE VIDNYAN BHARATI booklet.

All the guests & Resource Persons were honored with mementoes, shawls, INSPIRE VIDNYAN BHARATI & Certificates.

All the organizing committee members were honored by the chairman Prin. Dr. D. G. Kanase

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**BHARATI VIDYAPEETH'S**  
**Dr. Patangrao Kadam Mahavidyalaya, Sangli**  
**National Workshop in Chemistry for NET & SET**  
**Examination Preparation**  
**07<sup>th</sup> February-2015**

**Introduction :**

The Chemistry department at Dr. Patangrao Kadam Mahavidyalaya, Sangli planned a National Workshop in Chemistry for NET & SET Examination Preparation on 7<sup>th</sup> February 2015. The National Workshop was designed to bring together teachers and students to exchange their views and ideas for better understanding in the subject and the state and national level examinations. It was a special theme which dealt with generation of awareness in the subject. It aimed at encourage learning among college teachers and students. The main aim of the workshop was to generate confidence in Chemistry students to face NET and SET examination and give information about the format of question paper for NET and SET examinations, which had been changed from June 2012. The Examinations are now in objective mode. Hence the main objectives were.

**i) To discuss the new format of NET and SET examination**

**ii) To make students aware about the syllabus of these examinations**

**iii) Provide and opportunity to students to interact with the specialist in the field.**

The Workshop was sponsored by the University Grants Commission, New Delhi.

180 delegates attended the workshop. The delegates attended 3 sessions by invited lectures.

**Proceedings:**

The Workshop was attended by M. Sc. I, II and B. Sc. III students in Chemistry from the affiliated college within the jurisdiction of the Sangli, Kolhapur and Satara district.

The workshop was inaugurated at the auspicious hands of Prof. M. A. Anuse, Head, Department of Chemistry, Shivaji University, Kolhapur. The Inauguration ceremony was presided over by Prin. Dr. H. M. Kadam Regional Director, Bharati Vidyapeeth, Sangli Prin Dr. D. G. Kanase welcomed the guests and gave brief introduction about the institute and college. Dr. A. R. Supale, Coordinator of the workshop gave the foreword. The workshop opened with the key note address by Prof. M. A. Anuse. He discussed important things about NET and SET Examinations and elaborated the detail examination pattern. He also shared his experiences as an observer while conducting such examinations. Shri. P. S. Dikule offered Vote Of Thanks.

After the break, Dr. D. M. Pore, Asst. Prof, Department of Chemistry, Shivaji University, Kolhapur delivered the first invited lecture, in which he discussed Heterocyclic Chemistry. The session was chaired by Dr. S. R.

Mane, Associate Professor, Smt. Kusmatai Rajarambapur Patil Kanya Mahavidyalaya, Islampur. In the afternoon session, after the lunch, Mr. Anil Markandeya, Asst. Prof. Fergusson College, Pune focused on the topic Molecular Spectroscopy and retro synthesis. The session was chaired by Dr. B. V. Tamhankar, Principal, Willingdon College, Sangli and Dr. B. M. Sargar, Asst. Prof., Jaysingpur College, Jaysingpur. It was followed by third session of Mr. Nitin N. Ganjave, Asst. Prof, Fergusson College, Pune who elaborated on the concept of Pericyclic Reactions. The session was chaired by Dr. S. N. Zende, Asst. Prop., Doodhsakhar Mahavidyalaya, Bidri and Dr. S. S. Patil, P D V P Mahavidyalaya, Tasgaon.

The workshop was concluded in the presence of Dr. T. S. Kadam. Prin. Dr. D. G. Kanase presided over the function. Dr. A. R. Supale presented a review of the workshop. Mr. P. S. Dikule concluded the workshop by giving vote of thanks.

Conclusion:

This workshop has served its stated function and presented a platform for exchange of key ideas and current trends. Compliments and feedback from the participants indicated the success of the workshop.



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Workshop Report

20<sup>th</sup> August – 2015

**Workshop on Revised Syllabus of B. Sc-III  
in Physical Chemistry Subject. Paper No. IX and XIII.**

The Chemistry community at Dr. Patangrao Kadam Mahavidyalaya, Sangli planned a workshop on Revised Syllabus of B. Sc-III in Physical Chemistry paper numbers IX and XIII, on 20<sup>th</sup> August - 2015. The Shivaji University, Kolhapur revised the syllabus of B. Sc - III and implemented the same from June 2015. With a view to bring together Chemistry teachers to exchange their views and ideas for a better understanding the revised syllabus, University sanctioned this workshop.

The main objectives were;

I) To discuss the new revised syllabus.

II) To provide an opportunity to the participating teachers to interact with the specialists in the field.

The workshop was sponsored by the Shivaji University, Kolhapur. 60 delegates attended the workshop. The delegates attended four sessions which included deliberations from resource persons.

**Proceedings:**

The workshop was attended by Chemistry teachers from the affiliated college of Shivaji University, Kolhapur. The workshop was inaugurated at the auspicious hands of Prof. S. R. Patil, Ex Head, Department of Chemistry Shivaji University, Kolhapur. The Inauguration Ceremony was presided over by Dr. G. N. Mulik, Chairman, B. O. S. in Chemistry, Shivaji University, Kolhapur. Prin. Dr. D. G. Kanase welcomed the guests and gave brief introduction about the institute and college. Dr. A. R. Supale, co-ordinator of the workshop gave the foreword. The workshop opened with the inaugural address by Prof. S. R. Patil. He discussed important issues about proper implementation of the designed syllabus and shared his experiences. Dr. A. M. Sargar offered Vote Of Thanks.

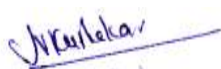
After the break, Prof. S. R. Patil, Department of Chemistry, Shivaji University, Kolhapur delivered the first invited lecture, in which he discussed Solid State Chemistry, Photochemistry and Surface Chemistry topic. The session was chaired by Mr. A. N. Yadav, Associate Professor, U.C.I.S. Satara. In the afternoon session after the lunch, Dr. R. R. Kumbhar, B. O. S. member in Chemistry, Shivaji University, Kolhapur and I/C Principal, Chhatrapati Shahu College, Kolhapur focused on the topic Thermodynamics, Spectroscopy and Quantum Mechanics. The session was chaired by Dr. S. V. Pore, Ex. B. O. S. member in Chemistry Shivaji University, Kolhapur and Asso. Prof., B.V.M.B.S.K. Kanya Mahavidyalaya, Kadegaon. It was followed by third session of

Dr. S. S. Jadhav, B. O. S. member in Chemistry, Shivaji University, Kolhapur and Asso. Prof., Shahajiraje Mahavidyalaya, Khatav, who elaborated on the concept of Electrochemistry and Chemical Kinetics. The session was chaired by Dr. N. S. Patil, Asso. Prof. K. N. P. College, Walwe. In final session, Dr. S. N. Zende talked on Solution, phase equilibria and Radioactivity Mahavidyalaya, Wai.

The Workshop was concluded in the presence of Dr. B. V. Tamhankar, Principal, Willingdon College, Sangli. Prin. Dr. D. G. Kanase presided over the function. Workshop was concluded by vote of thanks.

**Conclusion :**

This workshop served its objectives as concluded from compliments and feedback received from the participants. This workshop became a major platform for exchange of key ideas and current topics.



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**BHARATI VIDYAPEETH'S**  
**Dr. Patangrao Kadam Mahavidyalaya, Sangli**

A Report of  
**One Day Workshop on**  
**'Role of Chemists and Microbiologists in Pharmaceutical Industries'**  
**Organized by IQAC**

**12<sup>th</sup> December 2015**

**Introduction:**

IQAC, Departments of Chemistry and Microbiology and Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli organized One Day Workshop on **'Role of Chemists and Microbiologists in Pharmaceutical Industries'** on 12<sup>th</sup> December 2015.

The basic objective of the workshop was to create an interest amongst the students regarding Career Opportunities in Pharmaceutical Industries and applications of their skills in their careers. The workshop was focused on the working of Pharmaceutical Industries, the ideas regarding research and development.

Workshop was designed for B.Sc. Chemistry and Microbiology and M.Sc. Chemistry students for a better understanding of the above subjects and their applications, generating awareness in the students. It was organized with a special objective of encouraging students for making a career in pharmaceutical industry.

This workshop was organised in collaboration with Symbiosis Pharmaceuticals, Kupwad, Sangli, which is a leading manufacturer and supplier of Pharmaceutical Oral Suspension, Azithromycin Oral Suspension, offering Pharmaceutical Oral Suspension manufacturers, Azithromycin Oral Suspension supplier The company has its own products for the government suppliers and in addition, manufactures the products on loan license basis for well known pharmaceutical companies like Cipla Ltd., Okassa Pharama, Lupin Ltd., Glenmark pharmaceutical Ltd.

The delegates attended two sessions by invited speakers.

**Proceedings:**

The Workshop was attended by 85 B.Sc. and M.Sc students. The Workshop was inaugurated at the auspicious hands of Mr. D. D. Chougule, Chairman, Symbiosis Pharmaceuticals, Kupwad, Sangli. The Inauguration ceremony was presided over by Hon'ble Prin. Dr. D. G. Kanase, Dr. Mrs. Jaya Kurhekar, Dr. B. D. Patil, Mr. M. H. Patil, Mr. P.S. Dikule and Dr. V. B. Awale. Dr. Mrs. Jaya Kurhekar gave the Foreword and welcomed the dignitaries to the workshop. The workshop opened with the key note address of Mr. D. D. Chougule, Dr. A. R. Supale concluded the inauguration ceremony of workshop by giving vote of thanks. In the first session Mr. D. D. Chougule covered various points regarding actual working of the industry and job opportunities in Quality Control, Research and Development in industries.

Prin. Dr. B. V. Tamhankar was the chief talker of the next session. He elaborated on the skills required to achieve better career and the methods on reaching the goals.

Both the sessions were interactive and fruitful. The session was followed by open discussion. The speakers satisfactorily answered various raised questions of the audience. After interactive session, Dr. Mrs. Jaya Kurhekar presented a review of the proceedings and Mr. P.S. Dikule concluded the workshop by giving vote of thanks.

### **Conclusion:**

This workshop proved very fruitful and achieved its objectives. This workshop proved to be a center of key ideas and the collaboration was expected to grow in the future. Numerous compliments and feedback from the participants indicated the success of workshop.



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Sangli.

**SEMINAR REPORT**  
**National Seminar on Changing Trends in**  
**Library and Information Science**  
**30<sup>th</sup> December 2015.**

**Introduction:**

The Library community at Dr. Patangrao Kadam Mahavidyalaya, Sangli planned National Seminar on Library and Information Science on 30<sup>th</sup> December, 2015. The National Seminar was organized so as to bring together Library professionals, teachers and research students to exchange their views and ideas for a better understanding in the subject. The participants were exposed to the knowledge of the use of various types and services of e-resources, various modern methods or techniques and procedures for effective information retrieval, dissemination and about how to improve the library services and products to enable their use in a productive way. The theme was reviewed and reemphasized, considering the needs of the 21<sup>st</sup> century. It was a special theme dealing with generating awareness in the subject. Hence the main objectives were;

- i) To identify the changing role of library and information science professionals and their competencies, skills etc.
- ii) To help for understanding the evolution and new revolution in the subject
- iii) To study the new technology used in libraries
- iv) To identify the hurdles and remedies on the various problems on this topic.

The seminar was sponsored by the University Grants Commission, New Delhi. 162 delegates attended the workshop. The delegates attended 4 sessions by invited lecturers.

**Proceedings:**

The seminar was attended by Library professionals, teachers and research students various colleges and universities of the Maharashtra, Gujarat, Karnataka, Andhra Pradesh and Goa.

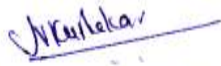
The seminar was inaugurated at the auspicious hands of Dr. Krantikumar R. Patil, Secretary, Tararani Vidyapeeth & Principal, Kamala College, Kolhapur. The Inauguration ceremony was presided over by Dr. H. M. Kadam, Regional Director, Bharati Vidyapeeth, Sangli. Prin. Dr. D. G. Kanase welcomed the guests and gave brief introduction about institute and College. Miss. J.D. Hatkar, Convener of the seminar gave the foreword. The seminar opened with the key note address by Prof. Rajendra Kumbhar. He discussed important things about changing trends in library and information science. Shri. S. D. Thigale offer vote of thanks.

Dr. N.B. Dahibhate, CSIR- National Chemical Laboratory, Pune delivered the first invited lecture, in which he discussed the Impact of Changing Trends in Library and Information Profession. The session was chaired by Dr. V.S. Mugade, Librarian, Bharati Vidyapeeth's Yashwantrao Mohite College, Pune. After the break, Dr. D. B. Sutar, Deputy Librarian, Barr. Balasaheb Khardekar Library, Shivaji University, Kolhapur delivered the

second invited lecture, in which he discussed Comparative Analysis of Turnitin and iThenticate : Anti-plagiarism Softwares. The session was chaired by Mr. S. B. More, Ex. Librarian, Vivekanand College, Kolhapur. In the afternoon, third session after the lunch, Dr. S.A.N. Inamdar, Librarian, Walchand College of Engineering, Sangli focused on the topic “Open sources for Libraries”. The session was chaired by Mrs. U.A. Patil, Librarian, Matoshri Bayabai Shripatrao Kadam Mahavidyalaya, Kadegaon. Dr. Shivraj Thorat, Librarian, BVDU, Institute of Management and Entrepreneurship Development, Pune delivered the fourth session lecture, in which he discussed “Preserving and Promoting the Scholarly Publications of Faculty Members and Research Scholars”. This session was chaired by Mr. A.A. Masule, Ex. Librarian, Kasturbai Walchand College, Sangli. The Workshop was closed in the presence of Dr. B.A. Kulkarni & Dr. N.I. Divatankar. Prin. Dr. D. G. Kanase presided over the function. Miss. J.D. Hatkar presented review of seminar. Mr. S. D. Tigale concluded the seminar by giving vote of thanks

**Conclusion:**

The objectives of the Seminar were fulfilled, judging from the numerous compliments and feedback from the participants This seminar became a major platform for exchange of key ideas and recent trends in the field.



Dr. Mrs. J. V. Kurhekar  
Convener-IQAC  
Coordinator -NAAC



(Dr. D.G. Kanase)  
Principal,  
Bharati Vidyapeeth's  
Dr. Patangrao Kadam Mahavidyalaya  
Sangli.



**BHARATI VIDYAPEETH'S**  
**Dr. Patangrao Kadam Mahavidyalaya, Sangli**

A Report of  
**One Day Workshop on**  
**'Career Opportunities in Industries'**  
**Organized by IQAC**

**7<sup>th</sup> December, 2016**

**Introduction:**

IQAC, Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli organized One Day inter-disciplinary workshop on '**Career Opportunities in Industries**' on 7<sup>th</sup> December 2016.

The theme of workshop was to create awareness of Career Opportunities in Industries and the skills needed to be acquired for a better career. The workshop focused on Quality Control as well as Research and development.

Workshop was inter-disciplinary, organized for B.Sc. Microbiology, Chemistry, Zoology, Botany, Statistics and M.Sc. Chemistry students for a better understanding of the role of above subjects in industries. It was aimed at generating awareness in the students and encouraging students for making careers in industries.

This workshop was organised in association with Symbiosis Pharmaceuticals, Kupwad, Sangli, which is a leading manufacturer and supplier of Pharmaceutical Oral Suspension, Azithromycin Oral Suspension, offering Pharmaceutical Oral Suspension manufacturers, Azithromycin Oral Suspension supplier The company has its own products for the government suppliers and in addition, manufactures the products on loan license basis for well known pharmaceutical companies like Cipla Ltd., Okassa Pharama, Lupin Ltd., Glenmark pharmaceutical Ltd.

The delegates attended two sessions by invited speakers.

**Proceedings:**


The Workshop was attended by 190 B.Sc. and M.Sc. students. It was inaugurated at the auspicious hands of Mr. D. D. Chougule, Chairman, Symbiosis Pharmaceuticals, Kupwad, Sangli. The Inauguration ceremony was presided over by Hon'ble Prin. Dr. D. G. Kanase, Dr. Mrs. Jaya Kurhekar, Dr. B. D. Patil, Mr. M. H. Patil, Mr. P.S. Dikule, Mr. P. N. Gaikwad and Dr. V. B. Awale. Dr. Mrs. Jaya Kurhekar gave the Foreword and welcomed the dignitaries. The workshop opened with the key note address of Mr. D. D. Chougule, Dr. A. R. Supale concluded the inauguration ceremony of workshop by giving vote of thanks. In the first session Mr. D. D. Chougule elaborated on the actual working of the industry and job opportunities in Quality Control, Research and Development and financial aspects in industries.

Prin. Dr. D. G. Kanase was the chief talker of the next session. He focused on the need to acquire skills for a better career and the motivated students to reach the goal.

The second session was followed by an open discussion, wherein the speakers satisfied the queries of the audience. After interactive session, Dr. Mrs. Jaya Kurhekar presented a review of the proceedings and Mr. V. B. Awale concluded the workshop by giving vote of thanks.

**Conclusion:**

This inter-disciplinary workshop fulfilled its objectives and proved to be a major success as judged from the compliments and feedback from the participants. MOU with Symbiosis Pharmaceuticals has always been a major landmark in the history of the college.



Dr. Mrs. J. V. Kurhekar  
Convener-IQAC  
Coordinator -NAAC



(Dr. D.G. Kanase)  
Principal,  
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Sangli.

**SEMINAR REPORT**  
**NATIONAL SEMINAR ON**  
**“PROBLEMS AND PROSPECTS OF AGRICULTURE LABOR IN INDIA”**  
**20<sup>TH</sup> March 2017**

**Introduction:**

The Geography community at Dr. Patangrao Kadam Mahavidyalaya, Sangli planned National Seminar on “Problems and Prospects of Agriculture Labor in India” on 20<sup>th</sup> March 2017. The National Seminar was designed to bring together Geography professionals, teachers and research students to exchange their views and ideas, for a better understanding in the subject. It is a special theme that deals with the contribution of geography in human development and also to generate awareness in the subject. The Objectives of this Seminar were;

1. To identify the problems of agriculture labor in India.
2. To study the social status of SC/ST/NT/OBC agriculture labor in India.
3. To find out the health and educational condition of agriculture labor.
4. To study the problems of women’s agriculture labor in India.
5. To examine the causes of migrations of agriculture labor.
6. To give suggestions for solving their problems and create awareness.

The seminar was sponsored by the University Grants Commission, New Delhi. 120 delegates attended the seminar. The delegates attended three sessions by invited Resource Persons. The seminar provided an opportunity for geography professionals, teachers and research students from various colleges and universities to listen to and interact with the experts in the field of Geography.

**Proceedings:**

The seminar was attended by geography professionals, teachers and research students various colleges and universities of the Maharashtra, Gujarat, Andhra Pradesh and Goa..

The seminar was inaugurated at the auspicious hands of Dr. U. B. Bhoite, Executive Director, Chancellor’s Office, Bharati Vidyapeeth, Pune. The Inauguration ceremony was presided over by Dr. H. M. Kadam, Regional Director, Bharati Vidyapeeth, Sangli. Principal Dr. D. G. Kanase welcomed the guests and gave brief introduction about institute and College. Dr. Nitin Vinayak Gaikwad, Convener of the seminar gave the foreword. The seminar opened with the key note address by Prof. Dr. A. S. Jadhav, Principal, Smt. D. M. Chauhan College, Silvassa. He discussed important things about problems and prospects of Agriculture Labor in India. Shri. T. R. Sawant offered Vote Of Thanks.

Dr. S. S. Kothawale, Ex. BOS Member delivered the first invited lecture, in which he discussed Organization and Migrations of agriculture labor. The session was chaired by Dr. S. B. Gaikwad, Vice-Principal, Miraj Mahavidyalaya, Miraj. In the afternoon after the lunch, Dr. Sachin Panhalkar, Associate Professor, Department of Geography Shivaji University, Kolhapur delivered the second invited lecture, in which he discussed economic, health and educational condition of agriculture labor. The session was chaired by Dr. Vishal Moon, S. K. Patil College, Kurundwad.

Third session after the Tea break, started with Dr. S. B. Jadhav, Principal, Rajshree Shahu College, Aurangabad, who delivered the lecture on problems of women's agriculture labor in India. The session was chaired b Dr. Gunvant Sarwade, Shivaji Mahavidyalaya, Barshi.

The seminar was concluded in the presence of Prin. Dr. B. V. Tamhankar; Prin. Dr. D. G. Kanase Presided over the function. Dr. Nitin Vinayak Gaikwad, presented review of seminar. Dr. B. D. Patil concluded the seminar by giving vote of thanks.

### **Conclusion:**

This Seminar has served its stated function. The participants learnt about the various problems of agriculture labor in India; they presented their papers on the seminar theme. This seminar has become a major platform for exchange of key ideas. Numerous compliments and feedback from the participants indicated the success of seminar.



Dr. Mrs. J. V. Kurhekar  
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Sangli.

**BHARATI VIDYAPEETH'S**  
**Dr. Patangrao Kadam Mahavidyalaya, Sangli**

A Report of  
**One Day Workshop on**  
**'Career Opportunities in Pharmaceutical Industries'**  
**Organized by IQAC**

23<sup>rd</sup> December 2017

**Introduction:**

IQAC and Department of Chemistry Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli organized One Day Workshop on '**Career Opportunities in Pharmaceutical Industries**' on 23<sup>rd</sup> December 2017.

The basic theme of workshop was to promote and spread awareness of Career Opportunities in Pharmaceutical Industries and skills needed to achieve a better career. The workshop was mainly focused on actual working of Pharmaceutical Industries, ideas regarding Research and development.

Workshop was designed for B.Sc. Chemistry and Microbiology and M.Sc. Chemistry students for a better understanding in the above subjects. It was a special theme which dealt with generating awareness in the students. It was organized with an objective encourage students for making career in pharmaceutical industry.

This workshop was organised in association with Symbiosis Pharmaceuticals, Kupwad, Sangli, which is a leading manufacturer and supplier of Pharmaceutical Oral Suspension, Azithromycin Oral Suspension, offering Pharmaceutical Oral Suspension manufacturers, Azithromycin Oral Suspension supplier The company has its own products for the government suppliers and in addition, manufactures the products on loan license basis for well known pharmaceutical companies like Cipla Ltd., Okassa Pharama, Lupin Ltd., Glenmark pharmaceutical Ltd.

The delegates attended two sessions by invited speakers.

**Proceedings:**

The Workshop was attended by 104 B.Sc. and M.Sc students. The Workshop was inaugurated at the auspicious hands of Mr. D. D. Chougule, Chairman, Symbiosis Pharmaceuticals, Kupwad, Sangli. The Inauguration ceremony was presided over by Hon'ble Prin. Dr. D. G. Kanase, Dr. Mrs. Jaya Kurhekar, Dr. B. D. Patil, Mr. M. H. Patil, Mr. P.S. Dikule and Dr. V. B. Awale. Dr. A. M. Sargar gave the Foreword and Welcome of the workshop. The workshop opened with the key note address of Mr. D. D. Chougule, Dr. A. R. Supale concluded the inauguration ceremony of workshop by giving vote of thanks. In the first session Mr. D. D. Chougule covered various points regarding actual working of the industry and job opportunities in Quality Control, Research and Development in industries.

Prin. Dr. D. G. Kanase was the chief talker of the next session. He mainly concentrated on skills required to achieve better career and the methods on reaching the goals.

Both the sessions were interactive and fruitful. The session was followed by open discussion. The speakers satisfactorily answered various raised questions of the audience. After interactive session, Dr. Mrs. Jaya Kurhekar presented a review of the proceedings and Mr. P.S. Dikule concluded the workshop by giving vote of thanks.

**Conclusion:**

This workshop served its stated function. This workshop proved to be a major venue of key ideas and we expect this role to grow in the future. Numerous compliments and feedback from the participants proved the success of workshop.



**(Dr. D.G. Kanase)**  
Principal,  
Bharati Vidyapeeth's  
Dr. Patangrao Kadam Mahavidyalaya  
Sangli.