

Personal Report of the Faculty

Name of the Faculty: Dr. Sachin Jagadeo Pawar

Designation: Assistant Professor

1. Awards, Felicitations and Honors:

1. **"Best Poster Presentation Award"** in the National Symposium on Atomic, Molecular and Laser Physics (NSAML-2007) held in the Department of Physics, Banaras Hindu University, Varanasi (UP).
2. **"Kamsidha Yuva Gauorav Purasskar 2007"** by Kamsidha Krida, Sanskrutik Mandal Hivargaon, Tal. Mangalwedha. Dist. Solapur.
3. Felicitated by **Vadgaon Nagar Parishad, Vadgaon** in Vadgaon Sanskrutik Mahostav 2008.
4. **"Best Oral Paper Presentation Award"** in the National Seminar on "Recent Trends in Thin Film Technology" organized by Walchand College of Arts & Science, Solapur on 14th -15th November 2008.
5. **"Best Poster Presentation Award"** in the International Conference on "Lasers and Advanced Materials" held at the Abasaheb Garware College, Pune on 6th -8th March 2010.
6. **"Best Teacher Award"** by Lions Club of Kolhapur on 5th September, 2012 in Recognition for out Standing Achievements and Distinguished Services in the field of Education.
7. Awarded by **"Sanskar Ratna Puraskar"** by Sanskar Pratisthan, Pune on the occasion of Teacher Day.
8. Felicitated by Vadgaon Nagar Parishad, Vadgaon on the occasion of Republic Day, 2014
9. Elected as a **EC Member** of Indian Association of Physics Teachers-IAPT (RC 08) Maharashtra for 2016-2018.

10. Elected as a **Treasurer** of Indian Association of Physics Teachers-IAPT (RC 08) Maharashtra for 2019-2021.

2. Research Papers Published:

a) Citations: 42

b) H index: 2

c) I10 index: 2

1. ***Studies on electrodeposited Silver Selenide thin film by Double Exposure Holographic Interferometry***, S. J. Pawar, P. P. Chikode, V.J.Fulari and M.B.Dongare, Journal of Materials Science and Engineering B, 137 (2007) 232-236
2. ***Determination of Diffusion Coefficient of Lactose Solution***, Prashant P. Chikode, **Sachin J. Pawar** and Muralidhar B.Dongare, Journal of Holography and Speckle, Vol.4, 2007, 1-7
3. ***Study of diffusion process in sucrose solution by using Double Exposure Holographic Interferometry (DEHI)***, P.P.Chikode, S.J.Pawar and M.B.Dongare, Journal of Optics, Vol.36, 4, 157-163, 2007.
4. ***Electrochemical synthesis of Sb_2Se_3 thin films & its holographic study using He-Ne Laser***, P.M.Kulal, S.A.Gangavane, S. J. Pawar and V.J.Fulari, Journal of BIONANO FRONTIER, ISSN 0974-0678, 184-186, 2010.
5. ***Poisson's Ratios of some metals using Holographic Interferometry***, P. P. Chikode, S. J. Pawar and M. B. Dongare, Proceeding of International Conference on Laser Applications and Optical Metrology (ICLAOM-03), IIT, New Delhi, 1-4 December 2003, 422-424
6. ***Monitoring stress to substrate using thin films by Double Exposure Holographic Interferometry***, V.B.Prabhune, V.J.Fulari, S.J.Pawar,

C.S.Pawar and M.B.Dongare, Proceeding of the DAE Solid State Physics Symposium (2007), 541-542

7. ***Holographic Interferometry Measurement of Diffusion Coefficient***, Sachin J Pawar, Invertis Journal of Science and Technology, (IJST) Vol.7, No.2, pp.1-7 (2014) ISSN 0973-8940.
8. **Universal Value Education Program For Gender Equality And Women's Empowerment**, Smita Suresh Giri, Sachin Pawar, ***Changing Phases in Women Empowerment - A Proceeding of UGC Sponsored National Conference*** ISBN No: 978-93-82028-26-0, Pages 63-66.
9. **Women's Achievements In India**, Supriya Mohite , Sachin Pawar, ***Changing Phases in Women Empowerment -A Proceeding of UGC Sponsored National Conference*** ISBN No: 978-93-82028-26-0, Pages 248-250

3. Books Published:

1. Worked as a Chief Editor, for a book entitled ***"Concepts in Basic Sciences"*** published by Arya Ved-Vyasa Publication and sponsored by DST New Delhi.
2. Worked as a Editor, for a book entitled ***"Vijaypath" on*** Hon. Vijaysinha Yadav saheb published on the occasion of Shrimant Vijaysinha Yadav Saheb Diamond Jubilee Ceremony 2011.
3. Prashant P. Chikode, Sachin J. Pawar, Rajiv S. Vhatakar, (2013), ***"Mathematical Aspects of Physical Concepts & Physical Aspects of Mathematical Concepts"*** Published by DPH Pvt. New Delhi, 110002, pp 158, ISBN 978-8183567985
4. Co-Editor of the proceeding book entitled ***"Changing Phases in Women Empowerment "*** with ISBN No: 978-93-82028-26-0

5. **A Laboratory Manual of PHYSICS** for B. Sc. I as per CBCS Syllabus of Shivaji University, Kolhapur. ISBN No.978-93-87127-21-0, KavitaSagar Publishing House.

4. Articles Published:

1. Published a News Paper article on Hon. Vijaysinha Yadav entitled “**Saheb & Mi**” in Daily Tarun Bharat on 28th April 2011.
2. Book article in INSPIRE VIDYANBHARATI “**Speckle Interferometry**” Pages 83-88, with ISBN 978-81-925021-2-0 Published by Bharati Vidyapeeth's , Dr Patangrao Kadam Mahavidyalaya, Sangli in 2014

5. Seminar/Conference/ Workshops Attended:

1. Course on “**Laser Technology and Applications**” organised by **DRDO** at Institute of Armament Technology, Girinagar, Pune from February 10-14, 2003.
2. National workshop on “**Solid State Sensors: Theory and Applications**” sponsored by **DST New Delhi** and organized by Shivaji University, Kolhapur & University of Pune, Pune at Shivaji University, Kolhapur from June 16-28,2003
3. **Workshop on Characterization of Nanostructured systems** on June 14-16, 2007 at Mumbai University Sponsored by DAE-Consortium, Mumbai.
4. Attended a “**State Level Chemistry Workshop**” organized by Marathi Rasayanshatra Parishad, Maharashtra on 5th Feb. 2012 at New College, Kolhapur.
5. Attended One day workshop on “**Revised Syllabus in Physics (B. Sc. I)**” held on Monday, 12th August 2013 at Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya. Tasgaon, Dist.- Sangli.

6. Participated in ***“One Day Workshop on “Organic Electronic Devices”*** held in Department of Technology, Shivaji University, Kolhapur on September 24th, 2013.
7. Attended One day National Seminar on ***“Private Universities and Quality of Higher Education”*** held on Monday, October 6th, 2013 organised by Shivaji University Teachers' Association (SUTA), Kolhapur.
8. Participated in Short Term Training Programme (STTP) on ***“Materials: Synthesis to Diverse Applications (MSDA-2013)”*** Organised by Department of Applied Physics, Visvesvaraya National Institute of Technology, Nagpur during December 9-13, 2013.
9. Participated in 2nd International Conference on ***“Physics of Materials and Materials Based Device Fabrication (ICPM-MDF-2014)”*** Organized by Department of Physics, Shivaji University, Kolhapur during January 13-15, 2014.
10. Successfully participated in the Special Summer School on “Challenges & prospects of Higher Education in India in the new millennium” from 06/07/2015-25/07/2015 at UGC HRDC Rani Durgawati Vishwavidyalaya, Jabalpur (MP)
11. Attended One Day workshop on Revised Syllabus of Physics B.Sc.III Sem.VI, organised by Krantisinh Nana Patil College, Walwa, Dist. Sangli on 25/08/2015.
12. Attended One Day workshop on Revised Syllabus of Physics B.Sc.III (Practical), organised by Yashavantrao Chavan Institute of Science, Satara on 28/08/2015.
13. Participated as a resource person in One Day State level seminar on “New Horizons in Solar Energy” organized by Dr Patangrao Kadam Mahavidyalaya, Sangli on 20 Dec. 2015.

14. Successfully participated in the Faculty Development Program for "Global Business Foundation Skills", conducted by Infosys BPO Ltd. At Mysore from 22/08/2016 to 30/08/2016.
15. Participated in 31st Annual Convention held during 20-22, Oct. 2016 organized by IAPT RC-7, Gujarat.
16. Participated in Short Term Course on "**Soft Skills & Professional Ethics**" at Human Resource Development Centre, Jawaharlal Nehru Technological University, Hyderabad during 17th Dec. 2018 to 22nd Dec. 2018.
17. Participated in the teachers training workshop on "**Understanding Climate Change & Sustainable Development Goals for Planet and a Sustainable Future**" organized by Department of Zoology, Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 12/01/2019 under The Climate Reality Project-India.

6. Seminar/Conference/ Workshops Presented Papers:

1. M.B.Dongare, P.P.Chikode, **S.J.Pawar**, M.M.Kulkarni and A.V. Rao, ***Surface deformation studies using holographic interferometry in aerogel samples***" Poster presentation at "National Conference on Lasers and Spectroscopy", February, 25-28, 2003, Meerut.
2. R.N.Thokale, P.S.Patil, P.P.Chikode, **S.J.Pawar**, Miss.P.S.Patil, and M.B.Dongare "***Holographic interferometry technique used for characterization of electrodeposited Ni (OH)₂ thin film***" Poster presentation at "Conference on Optics and Photonics in Engineering (COPE-03)" January 6-8, 2003, Netaji Subhas Institute of Technology, New Delhi.
3. ***Poisson's Ratios of some metals using Holographic Interferometry***, P. Chikode, **S. J. Pawar** and M. B. Dongare, Proceeding of International

Conference on Laser Applications and Optical Metrology (ICLAOM-03), IIT, New Delhi, 1-4 December 2003, 422-424

4. **16th AGM of Materials Research Society of India (MRSI)** at National Chemical Laboratory, Pune During Feb. 10-12, 2005,
5. **S. J. Pawar**, P. P. Chikode, V. J. Fulari, M. B. Dongare, ***“Intracavity inspection of a human stomach by using Endoscopic Electronic Speckle Pattern Interferometry”*** Oral presentation at National Conference on Photonics for Advanced Technology, organized by the R&D wing PR Group of Institutions, Vallam, Thanjavur, from Feb. 22-24, 2007.
6. **S. J. Pawar**, P. P. Chikode, V. J. Fulari, M. B. Dongare, ***“Study of Diffusion Process in Propanol Solution by using Double Exposure Holographic Interferometry (DEHI)”*** Poster presentation at National Symposium on Atomic, Molecular and Laser Physics (NSAMLP-2007) held at Banaras Hindu University, Varanasi-221005 during March 17-19, 2007.
7. **S. J. Pawar**, P. P. Chikode, V. J. Fulari, M. B. Dongare, ***“Synthesis and characterization of Electrodeposited Ag₂Se thin film”*** Oral presentation at National Seminar on Nanotechnology and Consumer Products, organized by the R&D wing PR Group of Institutions, Vallam, Thanjavur, from Aug.10-11, 2007.
8. ***Determination of Diffusion Coefficient of Propanol Solution by Double Exposure Holographic Interferometry Technique, Sachin J. Pawar, Prashant P. Chikode, Vijay J. Fulari, Murlidhar B. Dongare,*** International Conference on Advanced Materials and Applications (ICAMA-2007), Shivaji University, Kolhapur, 15-17 November 2007.
9. ***Monitoring Stress to Substrate using Ag₂S thin film by Double Exposure Holographic Interferometry,*** V. B. Prabhune, V. J. Fulari, **S. J. Pawar**, C. S. Pawar, M. B. Dongare, Proceedings of the 52nd DAE Solid

State Physics Symposium, University of Mysore, Mysore, 27-31 December 2007, Sponsored by BRNS, Department of Atomic Energy, Government of India.

10. Participated in UGC Sponsored National Seminar on ***“Nanostructured Materials for Advanced Technology (NS-MMAT 2011)”*** at Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur on 3-4 Oct. 2011.
11. Participated in ***“18th State Level Annual Consortium”*** at A. G. Patil Institute of Technology, Solapur on 31 Oct. – 2 Nov. 2011
12. Participated in ***“1st International Conference on Physics of Materials and Materials Based Device Fabrication”*** held in Department of Physics, Shivaji University, Kolhapur during 17th -19th Jan. 2012.
13. Participated in ***“International Conference on Material Science (ICMS-2013)”*** held in Department of Physics, Tripura University (A Central University) during 21-23 February, 2013.
14. Participated in UGC Sponsored International Conference on ***“Emerging Horizons in Biochemical Sciences & Nanomaterials (EHBCSN-2013)”*** Organised by Department of Chemistry & Microbiology, Shri Shivaji Mahavidyalaya, Barshi during November 28-30, 2013.
15. Presented a paper entitled “Studies on Structural and Compositional Properties of Electrochemically Prepared CuInSe₂ Thin Films” in Two Day National Conference on Materials for Energy Conversion & Storage (NCMECS) organized by Mahatma Phule Mahavidyalaya, Pimpri Pune on 12th and 13th Feb. 2016.
16. Successfully participated and presented a research paper entitled “Synthesis and Characterization of CuInSe₂ Thin Films for Photoelectrochemical Application” in the 10th Annual International Workshop on Advanced Materials (IWAM 2018) during 18-20 Feb. 2018 at Ras Al Khaima Center for Advanced Materials, UAE.

17. Attended and presented a research paper entitled "**Magnetic Properties of self-assembled hierarchical Magnetic Nanospheres**" at International Conference on Hyperfine Interaction & Their Applications (HYPERFINE-2019) organized by Tata Institute of Fundamental Research (TIFR) in association with Goa University, Goa during 10th -15th February, 2019.

7. Seminar/Conference/ Workshops organized:

1. Organized Three days Entrepreneurship Awareness Camp on 2-4 Sept. 2010, Sponsored by Department of Science & Technology, New Delhi.
2. As a Coordinator, successfully organized 2 one day workshops under Lead College Scheme, Shivaji University, Kolhapur.
3. As a Coordinator, successfully organized 5 days ***"DST INSPIRE Internship Programme"*** on 26th -30th Dec. 2011, sponsored by Department of Science & Technology, New Delhi.
4. Organized 3 days ***"Entrepreneurship Awareness Camp"*** on 10th – 12th Jan. 2012, Sponsored by Department of Science & Technology, New Delhi as a Coordinator.
5. Organized One month training programme on ***"Hardware & Networking"*** for Educated Unemployed youths in collaboration with District Industrial Cell, Kolhapur.
6. Organized 3 days ***"Entrepreneurship Awareness Camp"*** on 13^h – 15th Dec. 2012, Sponsored by Department of Science & Technology, New Delhi as a Coordinator.
7. Organized Three days ***"Entrepreneurship Awareness Camp"*** on October 24-26, 2013 Sponsored by Entrepreneurship Development Institute of India, Ahmedabad as a Coordinator.
8. Organized Five days ***"Celebration of Ramanujan-Chandrasekhar Legacy in Science"*** on January 27-31, 2014 Sponsored by Department of Science & Technology, New Delhi as a Coordinator.
9. Organized One day state level training programme on ***'Human Rights: Importance, Need and Challenges'*** on February 7, 2014 sponsored by National Human Rights Commission, New Delhi as a Treasurer.
10. Worked as the Coordinator of three day Entrepreneurship Awareness Camp organized by our college during 15th to 17th Jan. 2015.

11. Organized three days Entrepreneurship Awareness Camp as a coordinator during 31/12/2015 to 02/01/2016 sponsored by Entrepreneurship Development Institute of India Ahmadabad.
12. Organized National Conference on Human Rights Education & Indian Scenario as a Secretary during 26-27 Feb., 2016 sponsored by University Grants Commission, New Delhi.
13. Organized one day workshop on **“How to make, connect & power LED strip lightning”** by Entrepreneurship Development Cell.
14. Organized One day workshop on Skill Development for Youth Organized by Skills & Entrepreneurship Development Cell, 15/07/2017
15. One day workshop on “Skills & Entrepreneurship Development” Organized by Skills & Entrepreneurship Development Cell, 19/01/2017
16. Organized One day Training Program on Energy Conservation on 16/09/2017 in association with PCRA under Ministry of Petroleum & Natural gas, Government of India.
17. One day workshop on “Skills and Abilities Enhancement” Organized by Shri. Chh. Shivajiraje Academy & Skills & Entrepreneurship Development Cell, 22/09/2017
18. Organized State Level Workshop on “Innovative Ideas for popularization of Physics” on 19th February, 2018 Sponsored by Indian Association of Physics Teachers, Maharashtra (RC08)
19. A Special program “InterAction with Successful Entrepreneurs” organized by Skills & Entrepreneurship Development Cell on 06/09/2018.
20. Three days Entrepreneurship Awareness Camp 2018-19 organized from 1st - 3rd January, 2019 sponsored by Entrepreneurship Development Institute of India Ahmadabad.

8. Research Project Work/COC:

1. Worked as a Coordinator COC, Maintenance of Electrical & Electronic Appliances.

2. List of Completed and ongoing projects:

Sr. No	Title of the Project	Duration From To	Total Cost Funding Agency
1.	Entrepreneurship Awareness Camp As a Coordinator	September 2-4, 2010	13,500/- DST NIMAT Project
2.	INTERNSHIP PROGRAMME 2011 As a Coordinator	December 26- 30, 2011	9,75,000/- DST, New Delhi
3.	Entrepreneurship Awareness Camp As a Coordinator	January 10-12, 2012	13,500/- DST NIMAT Project
4.	Minor Research Project "Synthesis & Characterization of nano crystalline CuInSe ₂ thin films"	2012-2014 Completed	1,55,000/- UGC New Delhi
5.	Entrepreneurship Awareness Camp As a Coordinator	January 13-15, 2013	13,500/- DST NIMAT Project
6.	Entrepreneurship Awareness Camp As a Coordinator	October 24-26, 2013	13,500/- DST NIMAT Project
7.	Celebration of "Ramanujan- Chandrasekhar Legacy in Science" As a Coordinator	January 27-31, 2014	2,48,000/- (NCSTC), New Delhi.
8.	One Day State level Training Programme on "Human Rights" as a Treasurer	February 7, 2014	60,000/- NHRC, New Delhi
9.	UGC Sponsored National Conference on Changing Phases in Women Empowerment As a Secretary	October 13-14, 2014	1,48,000/- UGC New Delhi
10.	Entrepreneurship Awareness Camp As a Coordinator	January 13-15, 2015	20,000/- DST NIMAT
11.	Entrepreneurship Awareness Camp As a Coordinator	31/12/2015- 02/01/2016	20,000/- DST NIMAT Project
12.	National Conference on Human Rights Education & Indian Scenario	26-27, February, 2016	1,00,000/- UGC New Delhi
13.	Entrepreneurship Awareness Camp As a Coordinator	20/12/2018- 22/12/2018	20,000/- DST NIMAT Project

9. Lecturers delivered in Various Institutions/ Organizations:

1. Delivered Keynote address on "**Nanotechnology**" in one day workshop on SAAC (State Assessment & Accreditation Council, Maharashtra) organized by Internal Quality Assurance Cell, Shikshan Prasarak Mandal, Mangalwedha on 24th Oct. 2011.
2. Delivered a lecture on "**Laser & its Applications**" in DST INSPIRE Programme 2011 organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 27th Dec. 2011.
3. Delivered a lecture on "**How to write project proposals for Small Scale Industries (SSI)**" in Entrepreneurship Awareness Camp 2012 organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 12th Jan. 2012.
4. Worked as a examiner in Avishkar 2013 for Science & Engg. & Technology Faculty.
5. Delivered a lecture on "**Quality of Entrepreneurs**" in one day workshop on Entrepreneurship Development organized by Dalitmitra Kadam Guruji Science College, Mangalwedha on 4th July,2012.
6. Delivered a lecture on "**Astronomy & Astrophysics**" in DST INSPIRE Programme 2013 organized by Jaysingpur College, Jaysingpur on 3rd January, 2013.
7. Delivered a lecture on "**How to write project proposals for Small Scale Industries (SSI)**" in Entrepreneurship Awareness Camp 2012 organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 12th Dec. 2012.
8. Delivered a lecture on "**Laser technology & its applications**" at Mahatma Phule Mahavidyalaya Pimpri, Pune. 411017 on 11/02/2013
9. Delivered a lecture on "**How to write project proposals for Small Scale Industries (SSI)**" in Entrepreneurship Awareness Camp 2013 organized

by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on October 25th, 2013

10. Popular Lecture on **Mars Orbital Mission** at Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 25/09/2014.
11. Popular Lecture on **Mars Orbital Mission** at English School Jr. College, Mangalwedha on 29/11/2014
12. A Lecture on **How to Write Project Proposals** in Entrepreneurship Awareness Camp organised by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 14/01/2015.
13. A Lecture on **“How to make, connect & power LED strip lightning”** in one day workshop organized Entrepreneurship Development Cell & Department of Physics, Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 01/11/2015.
14. A Lecture on **How to Write Project Proposals** in Entrepreneurship Awareness Camp organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 01/01/2016.
15. A Lecture on **“How to Write Project Proposals”** in Entrepreneurship Awareness Camp organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon on 15/07/2016.
16. A lecture on **“Opportunities in Basic Sciences”** at Raosaheb Anna Kitturkar Jr. College, Gadhinglaj on 30/01/2017.
17. A lecture on **“Nanotechnology & Nanoscience”** in One Day National Symposium on Advances in Physics sponsored by IAPT RC 08 and organized by Baba Naik Science Mahavidyalaya, Shirala on 07/02/2017.
18. Delivered a Lecture on **“Success Mantra”** in One day workshop on **“Skills and Abilities Enhancement”** Organized by Shri. Chh. Shivajiraje Academy & Skills & Entrepreneurship Development Cell, Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon, 22/09/2017

19. Delivered a lecture on "Opportunities in Science after XII" at Annasaheb Dange Jr. College, Hatkanangale, Kolhapur.
20. Delivered a lecture on "Making Career in Science" at A B Patil Shikshan Samuh, Nave Pargao, Kolhapur on 24/02/2018.
21. Delivered a lecture on "Spectroscopy through Postal Stamps" in IAPT sponsored State Level Workshop on "Innovative Ideas for Popularization of Physics" 19th February, 2018 Organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon, Dist.- Kolhapur.
22. Delivered a Lecture on "How to write project proposals & Prime Minister Mudra Scheme" in EAC 2018-19 organized by Skills & Entrepreneurship Development Cell, Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon, 02/01/2019
23. Delivered a Lecture on "Carrier in Science" at Hon. Shri. Annasaheb Dange College, Hatkanangale, 25/01/2019
24. Delivered a Lecture on "Present Education System: Merits & Demerits" at NSS Camp Minache, organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon, 22/01/2019

10. Participation in Various co-curricular Extension activities in College:

1. Attended "One day Workshop on Yoga & its Applications" on 1st Jan.2011 at Varishta Kala Mahavidyalay, Kale.
2. Guided to students for poster presentation in Avishkar 2010-11 & students got second prize in the same competition.
3. Organized "Sky Observation Programme" at Shri. Balwantrao Yadav High School, Peth Vadgaon in collaboration with Astro Club, Pune.
4. Worked as a examiner in Avishkar 2013 for Science & Engg. & Technology Faculty.

5. To attend the interface meeting regarding Carrier Oriented Courses organized by UGC New Delhi on 27th Feb. 2013
6. Guided many students for poster presentation in Avishkar 2012-13.
7. Worked as a Examiner for **"State Level Science Exhibition"** on 29th January, 2014 organised by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon.
8. Worked as a Chair Person for **"DST Sponsored INSPIRE CAMP 2014"** on 20th January, 2014 organised by The New College, Kolhapur.
9. Organized a lecture on **"Youth and Swami Vivekanand"** of Swami Pitambaranandji Maharaj in collaboration with Vijaysinha Yadav Pratisthan, Peth Vadgoan.
10. Worked as an organizing committee member for **"Dakshin Maharashtra Sahitya Samelan"** during 16th Jan. to 18th Jan. 2014
11. Chaired a session in Two-Day National Conference on Changing Phases in Women Empowerment organized by Shri Vijaysinha Yadav Arts and Science College on 13th Oct. 2015
12. Attended One Day Teacher Training Programme on Revised Syllabus of B.Sc.II in Physics, Semester IV organised by Yashwantrao Chavan College Halkarni on 21/08/2014
13. Attended Avishkar Orientation Programme held on 14/11/2014 organised by Shri Venkatesh Mahavidyalaya, Ichalkaranji.
14. Attended Review meeting of DST NIMAT Project at MITCON, Agriculture College Campus Pune on 20/01/2015
15. Worked as the Secretary of UGC sponsored two day national conference on Changing Phases in Women Empowerment organized by our college on 13th and 14th Oct. 2014
16. Organized **"Voter Awareness Campaign"** in collaboration with Sakal Media Group on March 1, 2014.

17. Organized a program "***Election Katta***" in collaboration with TV 9, E media and college.
18. Chaired a session in Two Day National Conference on Materials for Energy Conversion & Storage (NCMECS) organized by Mahatma Phule Mahavidyalaya, Pimpri Pune on 13th Feb. 2016.
19. Worked as a Nodal Officer for Voter Registration Campaign 2017-18 initiated by Collector Office, Kolhapur.
20. Attended a meeting in connection with National Crime Records Bureau at SP Office, Kolhapur on 16/12/2017

11. Participation in Social work activities:

1. Actively participated in Inaugural Function of "***Vijaysinha Yadav Pratishthan, Peth Vadgaon & Jijamata Samajbhushan Purnskar Vitran Sohala***" as a Secretary of the Pratishthan on 13th Jan. 2012.
2. Actively participated in organization of "***Mahila Mahostav 2012***" organized by Vijaysinha Yadav Pratishthan, Peth Vadgaon on 16th -18th March 2012.
3. Actively participated in organization of "***Mahila Mahostav 2013***" organized by Vijaysinha Yadav Pratishthan, Peth Vadgaon on 6th -8th March 2013.
4. Worked as an organizing committee member for "***Maha Arogya Melava***" organized by Kalyani Sakhi Manch, Peth Vadgaon on November 23, 2013.
5. Actively participated in organization of "***Mahila Mahostav 2013***" organized by Vijaysinha Yadav Pratishthan, Peth Vadgaon on 24th to 26th Jan. 2014
6. Actively participated in organization of "***Mahila Mahostav 2017***" organized by Vijaysinha Yadav Pratishthan, Peth Vadgaon during 3-5, Feb. 2017

7. Actively participated in organization of "**Vijaywant Mahostav 2017**" organized by Shri Shahu Shikashan Prasarak Seva Mandal & Vijaysinha Yadav Pratisthan, Peth Vadgaon during 14-18 July 2017.
8. Actively participated in organization of "**Aarogya Melawa 2017**" organized by Vijaysinha Yadav Pratisthan, Peth Vadgaon during 23/11/2017.
9. Actively participated in organization of "**Vijaywant Mahostav 2018**" organized by Shri Shahu Shikashan Prasarak Seva Mandal & Vijaysinha Yadav Pratisthan, Peth Vadgaon during 14-18 July 2018.
10. Actively participated in organization of "**Aarogya Melawa 2018**" organized by Vijaysinha Yadav Pratisthan, Peth Vadgaon during 23/11/2018.
11. Actively Participated in Water Cup Competition at Chokhamela Nagar Grampanchayat in May, 2018.
12. Donated Diwali Faral & Cloths to Sugar Cane Workers at Bhadole.
13. Organized Health Checkup Camp at Bhadole for Sugar Cane Workers on 12/12/2018.

12. Others:

1. Associate Member - Institute of Physics, London.
2. Secretary – Vijaysinha Yadav Pratishthan, Peth Vadgaon.
3. Life Member – Physics Teachers Association of Shivaji University, Kolhapur.
4. Life Member – Indian Association of Physics Teachers, Reg. at Kanpur
5. Life Member – Materials Research Society of India, Bangalore.
6. Exucutuive Member: Abhijitdada Kadam Krida va Bahuuddeshiya Sanstha, Mangalwedha.