

Staff Profile

Name : Dr. Chavan Sanjeev Dnyanoba

- Subject: Physics
- Date of Birth: 11.04.1966
- Date of Appointment: 01.08.1990
- Academic Qualification: M.Sc. Ph.D.
- Recognition: P.G. Teacher (SUS/BCUD/PGBUTR/2014-15/1317 Date 6 May 2014)

1. Academic Qualification:

| Degree | University | Year of Passing | Class |
|--------------------------------------|------------------------------|-----------------|-------------|
| Ph.D. | Solapur University, Kolhapur | 2017 | -- |
| M. Sc. | Shivaji University, Kolhapur | 1989 | First Class |
| B. Sc. | Shivaji University, Kolhapur | 1987 | First Class |
| Certificate course in Computer Basic | YCMOU, Nasik | 1999 | - |
| MSCIT | Maharashtra State | 2003 | First Class |

2. Orientation/ Refresher Course:

| Sr. No | Year | Duration | Place |
|--------|------|--------------------------|---|
| 1 | 1992 | 15.09.1992 to 12.10.1992 | Academic Staff College, University of Pune, Pune(OC). |
| 2 | 1997 | 02.01.1997 to 22.01.1997 | Academic Staff College, University of Goa, Goa (RC). |
| 3 | 1999 | 03.09.1999 to 30.09.1999 | Academic Staff College, University of Pune, Pune (RC). |
| 4 | 2001 | 03.08.2001 to 30.08.2001 | Academic Staff College, Dr.MAMU, Aurangabad, Aurangabad (RC). |

3. Attended - Workshop/Conference/Seminar/Symposia/Congress: 40

| Sr. No. | Year | Level | Venue | Theme |
|---------|--------------------------|------------|--|--|
| 1 | 01.01.1991 to 05.01.1991 | University | Shivaji University P. G. Center, Solapur | Workshop on advanced training on microcomputer |
| 2 | 27.03.1991 | State | Pandharpur College, Pandharpur | Seminar |

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|----|--------------------------|------------|---|---|
| 3 | 21.08.1993 | State | N. E. S. Ratnam College of Arts, Science and Commerce college, Bhandup(W),Mumbai-78 | State level conference of M. S. Colleges Association |
| 4 | 22.01.1999 | State | R. R. College , Jath | Science conference |
| 5 | 15.10.2000 | National | S. B. Z. Mahavidyalaya, Barshi | Seminar on Environment Conservation |
| 6 | 16.01.2003 | University | Shri Shivaji Mahavdyalaya, Barshi | Workshop on Draft syllabus of B.Sc.I and U.G.C.Model curriculum |
| 7 | 24.01.2003 | State | Shri Chattrapati Shivaji College ,Omurga | Seminar on NAAC Process of Assessment and Accreditation |
| 8 | 07.02.2003 to 08.02.2003 | State | KBP College, Pandharpur | Seminar on Energy Crises and Resources |
| 9 | 16.10.2003 | State | Vidnyan Mahavidyalaya, Sangola | Seminar on Advance in Superconductivity and Solar Energy |
| 10 | 23.01.2004 | University | K.B.P. College, Pandharpur | Workshop on Draft syllabus of B.Sc.II and U.G.C.Model curriculum |
| 11 | 17.12.2004 to 18.12.2004 | State | D.B.F. Dayanand College of Arts and Science, Solapur | Seminar on Probes and Sensors of Physics and Electronics in New Millennium |
| 12 | 28.12.2005 to 29.12.2005 | State | Shri Shivaji Mahavdyalaya, Barshi | Seminar on Recent Materials Devices and Tech. in Physics and Electronics |
| 13 | 19.01.2007 | State | K.B.P. College, Pandharpur | Seminar on Transparent Oxide Electronics and Recent Communication System |
| 14 | 14.11.2008 to 15.11.2008 | National | Walchand College, Solapur | Seminar on Recent Trends in Thin FilmTechnology |
| 15 | 22.01.2009 | University | K.B.P. College, Pandharpur | Workshop on Science Teachers |
| 16 | 03.05.2009 to 04.05.2009 | State | D.M.K.G College,Mangalwedha | Seminar on Solvant Extraction of Copper |
| 17 | 05.02.2010 to 06.02.2010 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Seminar on Recent Advances in Helio Physics |
| 18 | 02.07.2010 | - | Dept. of Physics, Solapur University,Solapur | Annual Conventional of JOSH by school of Physical Sciences |
| 19 | 21.01.2011 to 22.01.2011 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Conference on Advanced Nano materials Sensors and Instrumentations |
| 20 | 24.01.2011 to 25.01.2011 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Workshop cum Seminar on Bio-Resources for Bio-Industries and Economic Zoology |
| 21 | 03.10.2011 to 04.10.2011 | National | K.B.P. College, Pandharpur | Seminar on Nano structured materials for Advanced Technology |
| 22 | 05.02.2011 | University | C.B.K. Science College, Akkalkot | Workshop on Draft syllabus of B. Sc. II |

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| 23 | 17.09.2012 to 18.09.2012 | National | K.B.P. College, Pandharpur | Seminar on Advanced Synthesis of Nanomaterials and their Applications |
| 24 | 30.09.2012 | University | K.B.P. College, Pandharpur | Conference on API Score |
| 25 | 07.10.2012 | University | D.B.F. Dayanand College of Arts and Science, Solapur | Workshop on syllabus Discussion of B. Sc. II |
| 26 | 14.12.2012 to 15.12.2012 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Physics of Nan materials and Applications |
| 27 | 13.01.2013 | University | K.B.P. College, Pandharpur | Workshop on New Syllabus of B. Sc. I and B.Sc.III |
| 28 | 18.12.2013 to 19.12.2013 | National | C.B.K. Science College, Akkalkot | Physics and Chemistry of Advanced Materials |
| 29 | 31.01.2013 to 01.02.2013 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Recent Trends in Emerging Infections Diseases and Enviromental Pollution |
| 30 | 01.03.2014 | University | Shankarrao Mohite Mahavidyalaya, Akluj | Workshop on New Syllabus of B. Sc. II |
| 31 | 06.03.2016 | University | Shankarrao Mohite Mahavidyalaya, Akluj | Workshop on New Syllabus of B. Sc. II |
| 32 | 08.10.2016 | - | Sangmeshwar College, Solapur | The Journey of Solids |
| 33 | 30.04.2017 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Innovations in Chemistry |
| 34 | 09.02.2017 | University | D.B.F. Dayanand College of Arts and Science, Solapur | Workshop on Syllabus Discussion of B. Sc. I Physics |
| 35 | 28.09.2017 | National | Yeshwantrao Chavan Institute of Science, Satara | Recent Trends in Nanomaterials |
| 36 | 05.11.2017 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Revised Assessment and Accreditation Methodology of NAAC |
| 37 | 02.02.2018 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Microbial Technology for Sustainable Development |
| 38 | 20.01.2018 | University | D.B.F. Dayanand College of Arts and Science, Solapur | B.Sc.III (CBCS Pattern) Syllabus Discussion |
| 39 | 24.01.2018 | National | Shri Shivaji Mahavidyalaya, Barshi | New Nano Materials Devices, Technology and Applications in Physics and Electronics |
| 40 | 14.02.2018 | National | D.B.F. Dayanand College of Arts and Science, Solapur | Nuclear Energy: Need of the Society and Misconceptions |

4. Presented paper – Workshop /Conference /Seminar /Symposia / Congress: 12

| Sr. No. | Conference / Workshop Name | Title Paper | Date | Venue |
|---------|--|--|-----------------|---|
| 1 | International Conference on Advances in Materials Science | Synthesis and characterization of polypyrrole thin film for supercapacitor application | 7-8 Dec.2018 | R.R. Mahavidyalaya Jath |
| 2 | International Conference on Nanomaterials and Nanotechnology (NANO-2015) | Synthesis and characterization of Microwave sintered Barium Strontium Titanate (BST) Nanoparticles by Hydroxide Method | 7-8 Dec.2015 | K.S.R.College of Technology, Tirchengode - Tamil Nadu |
| 3 | International Conference on Nanomaterials and Nanotechnology (NANO-2015) | Investigation on Magnetodielectric properties of LSMO-BCZT composite | 7-8 Dec.2015 | K.S.R.College of Technology, Tirchengode –Tamil Nadu |
| 4 | International Conference on Function Materials @ Nanoscale | Synthesis and characterization of Litanum Doped Barium Strontiu Titanate By Hydroxide Co-precipitation Route | 9-11 March 2015 | K.B.P. Mahavidyalaya Pandharpur |
| 5 | International Conference on Function Materials @ Nanoscale | Synthesis and characterization of Ni Doped $Ba_{0.95}Sr_{0.05}TiO_3$ | 9-11 March 2015 | K.B.P. MahavidyalayaPandharpur |
| 6 | International Conference on Function Materials @ Nanoscale | Investigation on Dielectric and Ferroelectric properties of Lead free BCZT composition | 9-11 March 2015 | K.B.P. Mahavidyalaya Pandharpur |
| 7 | International Conference on Advances in Materials Science | Investigation on Ca and Zr modified $BaTiO_3$ ferroelectric Lead free ceramics | 7-8 Dec.2016 | R.R. Mahavidyalaya Jath |
| 8 | Techno-societal-2016 | Nanoflakes MnO_2 Thin Film as a supercapacitor Electrode | Dec.2016 | SVERI Pandharpur |
| 9 | International Conference on Advances in Materials Science | Investigation on ferroelectric properties of BCZT ceramics | Dec-2017 | R.R. Mahavidyalaya Jath |
| 10 | National Seminar on Recent Trends in Nanomaterials and it's Applications | Ground nut seed like hydrophilic polypyrrolr based thin film as a supercapacitor electrode | 21 Jan..2017 | Vidnyan Mahavidyalaya, Sangola |
| 11 | National Conference on Recent Trends in Nanomaterials | Investigations of Ferroelectric properties of ca and Zr Modified $BaTiO_3$ Ceramics | 28 Sep.2017 | Yeshwantrao Chavan Institute of Science,Satara |
| 12 | International Conference on Physics of Materials Based Device | Investigations on $Ba_{(1-x)}Ca_{(x)}Ti_{(1-y)}Zr_{(y)}O_3$: A New Relaxor Materials | 13-15 Jan.2014 | Dept. of Physics, Shivaji University, Kolhapur |

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| | Fabrication | | | |
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5. Publication of Research paper in International /National Journals: 05

| Sr. No. | Journal Name | Title Paper | Year | Issue | Page No. Impact factor and ISSN No. |
|---------|---|--|------|-------|--|
| 1 | International Journal of Science and Research | Ferroelectric Relaxor Behavior of Lead Free BCZT ceramics | 2014 | 11 | 1557-1581 2014,ISSN: 2319- 7064,Impact factor- 3.358,Page No.1557-1561 |
| 2 | International Journal of Multidisciplinary Research and Development | Dielectric and Ferroelectric Propertied of $(\text{Ba}_{0.95}\text{Ca}_{0.05})(\text{Ti}_{0.90}\text{Zr}_{0.1})\text{O}_3$ composition | 2014 | 1(7) | e-ISSN-2349-4182,p-ISSN-2349-5979,Page No.114-116. |
| 3 | Journal of Material Science : Materials in Electronics | Dielectric and magnerodielectric properties of LSMO-BCZT compositions | 2016 | 27 | Impact factor-2.324, Volume 27, Issue 2,PP 1254-1260. |
| 4 | DAV international Journal of Science | magnerodielectric properties of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3 - \text{Ba}_{0.95}\text{Ca}_{0.05}\text{Ti}_{0.925}\text{Zr}_{0.075}\text{O}_3$ multiferroic composite | 2016 | 1 | ISSN: 2277-5596(Print), 2277-5641(Online), Volume -5,Issue 1(2016) |
| 5 | Materials Chemistry and Physics | Investigations on magnerodielectric and magnetoelectric properties of CNFO-BST composite | 2018 | 208 | ISSN:0254-0584,Page No.163-168,Impact Factore-2.210 |

06. Research Project:

| Name of Scheme | Purpose | File No. | Grant allocated | Grant received | Grant utilized till | Remarks, if any |
|----------------|---------|----------|-----------------|----------------|---------------------|-----------------|
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07. Books Published:

| Sr. No. | Title of Book | Publisher | Year |
|---------|---------------|-----------|------|
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|----|--|-------------------------|------|
| 1 | General Physics, Heat and Sound B.Sc II Physics Paper V | Nirali, Prakashan ,Pune | 2014 |
| 2 | Electronics B. Sc II Physics Paper VI | Nirali ,Prakashan ,Pune | 2014 |
| 3 | Optics B. Sc II Physics Paper VII | Nirali, Prakashan ,Pune | 2014 |
| 4 | Modern Physics B. Sc II Physics Paper VII | Nirali, Prakashan ,Pune | 2014 |
| 5 | General Physics, Heat and Sound B.Sc II Physics Paper III | Nirali, Prakashan ,Pune | 2015 |
| 6 | Electronics B. Sc II Physics Paper VI | Nirali, Prakashan ,Pune | 2017 |
| 7 | General Physics, Heat and Sound B.Sc II Physics Paper V | Nirali, Prakashan ,Pune | 2017 |
| 8 | Optics B. Sc II Physics Paper VII | Nirali, Prakashan ,Pune | 2018 |
| 9 | Modern Physics B. Sc II Physics Paper VII | Nirali, Prakashan ,Pune | 2018 |
| 10 | Optics and Laser B.Sc.I Paper II | Nirali, Prakashan ,Pune | 2016 |
| 11 | Mechanics ,properties of matter and optics and Laser, B.Sc.I Paper I | Nirali, Prakashan ,Pune | 2015 |
| 12 | Heat and Thermodynamics, B.Sc.I Paper III | Nirali,Prakashan ,Pune | 2016 |
| 13 | Mechanics ,properties of matter and optics and Laser, B.Sc.I Paper I | Nirali, Prakashan ,Pune | 2017 |
| 14 | Electricity,Magnetism and Basic Electronics.B.Sc,I Paper IV | Nirali, Prakashan ,Pune | 2016 |
| 15 | Mathematical Physics and Statistical Physics.B.Sc.III Paper IX | Nirali, Prakashan ,Pune | 2015 |
| 16 | Mathematical Physics and Statistical Physics.B.Sc.III paper VII | Nirali, Prakashan ,Pune | 2016 |
| 17 | Solid State Physics.B.Sc.III Paper X | Nirali, Prakashan ,Pune | 2015 |
| 18 | Material Science .B.Sc.III Paper XIV | Nirali, Prakashan ,Pune | 2016 |
| 19 | Nuclear Physics. B.Sc.III Paper X | Nirali, Prakashan ,Pune | 2016 |
| 20 | Electronics and Instrumentation. B.Sc. III Paper XVI | Nirali, Prakashan ,Pune | 2015 |

08. Conference Organised

| Sr.No | Position | Name of Conference |
|-------|-----------|--|
| 1 | Treasurer | State Level conference on Nanomaterials and Applications |
| 2 | | |

09. Worked As

1. N.S.S Program Officer from 1997 to 2003 for 6 years.
2. Worked as L.I.C. members at
 - a) Baburao Patil Arts and Science College,Angar –Two times
 - b) Chandeli B.C.S.College ,Shelgaon® Ta-Barshi

- c) Babanrao Shinde College, Kurduwadi
- d) Sangola College, Sangola
- e) Sangmeshwar College, Solapur

3. Member of Flying squad for the period 20.04.2009 to 04.04.2009.
4. Chairman and Co-Chairman of B.Sc.I, II and III Physics Practical Examination.
5. Chairman and Co-Chairman of B.Sc.I, II and III Physics Theory Examination.
6. Committee members of Draft Syllabus of B.Sc.I, II and II
7. Worked as Sr. Supervisor of Shivaji and Solapur University Examinations.

10. Extra Curricular Activity:

1. Worked as an examiner on Taluka Level Science Exhibition at Kamshiddh Vidyalaya Kupsungi, Ta-Mangalwedha on 29.11.2003
2. Worked as an examiner on Taluka Level Science Exhibition at Salgar High School Salgar Ta-Mangalwedha.
3. Worked as Sr. Supervisor and Conductor for MTS Examination.
4. Associate Member of the Institute of Physics.
5. Life Member of the Indian Association of Physics Teachers

12. Declaration:

I hereby declare that all the statements made are true to the best of my knowledge and belief. I am aware that I will be responsible for any information given above is incomplete or incorrect.

Date: 26 /11/2018

Place: Solapur

(Dr. S. D. Chavan)