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| Name | SRI DEBABRATA ASH |  |
| Designation | Associate Professor of Physics | |
| Education Qualification | M. Sc., M. Phil. | |
| Year of Passing M. Phil | 1985 | |
| Year of Award Ph.D. | | |
| Special Paper in P.G. | Solid State of Physics | |
| Date of Birth | 23.05.1960 | |
| Mob. No. | 9776002042 | |
| Date of Joining in Govt. Service | 30.12.1983 | |
| Research Publication in Journals | | |
| Books | | |
| Research Projects ongoing and completed | | |
| Refresher / Orientation Programmes Participated | 1. 04nos. of Refresher Course | |
| Seminar / Workshop/ Conference attended | 1. 06 nos. of Conference /Seminar/ Work Shop National/ International | |

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| Name | SRI SURESH CHANDRA NAYAK |  |
| Designation | Associate Professor of Physics | |
| Education Qualification | M. Sc. (1982) | |
| Year of Passing M. Phil | No | |
| Year of Award Ph.D. | No | |
| Special Paper in P.G. | Solid State of Physics | |
| Date of Birth | 20.01.1961 | |
| Mob. No. | 9437183206 | |
| Date of Joining in Govt. Service | 29.12.1983 | |
| Research Publication in Journals | NIL | |
| Books | One Books is going to be published | |
| Research Projects ongoing and completed | | |
| Refresher / Orientation Programmes Participated | <ol style="list-style-type: none"> 1. 04.09.90-02.10.90 Utkal University (Quantum Mechanics & Applications) 2. 15.01.91-11.02.91 Utkal University (Nuclear and Particle Physics) 3. 7.11.2005-27.11.2005 Utkal University (Physics) 4. 9.12.2005-29.102.2005 Sambalpur University (Environmental Science) | |
| Seminar / Workshop/ Conference attended | <ol style="list-style-type: none"> 1. National Seminar on Group theory in Physics (23.03.2015-24.03.2015) 2. Recent Trends in Physics-State Level Seminar as resource Person in Bhadrak College(27.08.2015) | |

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|---|---|---|
| Name | SMT. MAUSUMI DAS PATTANAYAK |  |
| Designation | Assistant Professor of Physics | |
| Education Qualification | M. Sc. | |
| Year of Passing M. Phil | | |
| Year of Award Ph.D. | | |
| Special Paper in P.G. | Electronics | |
| Date of Birth | 08.03.1971 | |
| Mob. No. | 9338312130 | |
| Date of Joining in Govt. Service | 14.05.1999 | |
| Research Publication in Journals | 06 | |
| Books | 03 | |
| Research Projects ongoing and completed | | |
| Refresher / Orientation Programmes Participated | <ol style="list-style-type: none"> 1. Orientation (03.04.2008-30.04.2008) Utkal University 2. Refresher Course (09.03.2011-29.03.2011) Utkal University 3. Refresher Course (06.09.2017-26.09.2017) Utkal University | |
| Seminar / Workshop/ Conference attended | <ol style="list-style-type: none"> 1. National Seminar (14-15th Feb,2015) F.M. University 2. UGC Sponsored State Level (23-24th Mar, 2015) F.M. (Auto) College 3. UGC Sponsored National Seminar (3-4th May,2015) Betnoti College, Mayurbhanj 4. UGC Sponsored National Seminar (25-27th Nov, 2016) F.M. University | |

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|---|--------------------------------------|---|
| Name | SRI SAMEER KUMAR BEHERA |  |
| Designation | Assistant Professor of Physics | |
| Education Qualification | M.Sc., M. Tech. | |
| Year of Passing M. Phil | | |
| Year of Award Ph.D. | | |
| Special Paper in P.G. | Solid State Physics & Applied Optics | |
| Date of Birth | 30.05.1987 | |
| Mob. No. | 8249001623 | |
| Date of Joining in Govt. Service | 24.01.2018 | |
| Research Publication in Journals | | |
| Books | | |
| Research Projects ongoing and completed | | |
| Refresher / Orientation Programmes Participated | | |
| Seminar / Workshop/ Conference attended | | |

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| Name | DR. DEEPAK KUMAR MOHANTY |
| Designation | Lecturer in Physics |
| Education Qualification | M.Sc., Ph.D. |
| Year of Passing M. Phil | |
| Year of Award Ph.D. | 2013 |
| Special Paper in P.G. | Material Science, Laser Physics, Solid state Physics |
| Date of Birth | 12.06.1985 |
| Mob. No. | 9437781450 |
| Date of Joining in Govt. Service | 15.07.2014 |
| Research Publication in Journals | 1. 07 International Journals Published & 02 in Progress. |
| Books | 1. Writing continued for one Book. |
| Research Projects ongoing and completed | |
| Refresher / Orientation Programmes Participated | Yes attached |
| Seminar / Workshop/ Conference attended | Yes attached |

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| Name | DR. SUNITA MOHANTY |
| Designation | Lecturer in Physics |
| Education Qualification | M.Sc., Ph. D. |
| Year of Passing M. Phil | |
| Year of Award Ph.D. | |
| Special Paper in P.G. | Experimental Condensed Matter Physics |
| Date of Birth | 03.03.1985 |
| Mob. No. | 9777089319 |
| Date of Joining in Govt. Service | 25.07.2014 |
| Research Publication in Journals | 10 |
| Books | NIL |
| Research Projects ongoing and completed | NIL |
| Refresher / Orientation Programmes Participated | NIL |
| Seminar / Workshop / Conference attended | <ol style="list-style-type: none"> 1. Magnetic Properties of Zn_{1-x}M_xO (M Mn, Co) Diluted Magnetic Semiconductors. S. Mohanty, K. Manna and S. Ravi <i>Proceeding/Poster DAE solid state symposium, Dec. 2008, Mumbai</i> 2. Room Temperature Ferromagnetism in Bulk Sn_{0.95}Mn_{0.05}O₂ (M = Co, Ni) based Diluted Magnetic Semiconductors. Sunita Mohanty and S.Ravi <i>Oral presentation on Homi Bhabha Centenary DAE-BRNS National Conference on Spintronics and Magnetoelectronics Materials, Jan.08-09, 2009, Tosali Sands, Puri.</i> 3. Magnetic Properties of Co-doped SnO₂ Diluted Magnetic Semiconductors Sunita Mohanty and S.Ravi <i>Oral presentation on PANE Conference-2009, Tripura</i> 4. Effect of Sb doping in (Sn_{0.95}Fe_{0.05})O₂ based diluted magnetic Semiconductors Sunita Mohanty, P.Nath and S.Ravi <i>Proceeding/ Poster presentation in 54th DAE</i> |

solid state symposium proceedings, Dec. 2009, Baroda.

5. Room Temperature Ferromagnetism in Ni-doped SnO₂ based Diluted Magnetic Semiconductor.
Sunita Mohanty and S.Ravi
Poster Presentation in Discussion meeting on Statistical and Condensed matter physics, IIT Guwahati (Oct- 2009) (Best Poster Award)
6. Structural and Magnetic Properties of Nanocrystalline Sn_{0.98}Co_{0.02}O₂ under different Annealing conditions. **Sunita Mohanty** and S. Ravi
Poster Presentation International Conference on Advanced Nanomaterials and Nanotechnology, IITGuwahati (Dec-2009)
7. Effect of Metal doping on the formation of bound magnetic polaron in Transition metal-doped SnO₂. **Sunita Mohanty**, P.Nath and S.Ravi
Poster presentation in "Recent Advances in Correlated Electron Systems" IITGuwahati (Jan-2010) Spintronics and Diluted Magnetic Semiconductors
8. S.Ravi and **Sunita Mohanty**
Invited Talk in National Conference on Advanced Materials, Tamilnadu, (Aug-2010)
9. Giant magnetic moment in mechanically milled Sn_{1-x}Co_xO₂ compounds
Sunita Mohanty and S. Ravi
Poster presentation in Current Trends in Condensed Matter Physics, Orissa,(Dec-15)
10. Ferromagnetism in mechanically milled Sn_{1-x}Co_xO₂ (x=0 to 0.10) compounds
Sunita Mohanty and S.Ravi
Oral presentation in IEEE International Magnetism Conference, Taipei, Taiwan, April-25-29,2011
11. Magnetic Properties of Nanocrystalline SnO₂ prepared by mechanical synthesis
Sunita Mohanty, M.Kar and S.Ravi ,
ICANN-2011, Guwahati.

Manuscript published

- 1) "Critical Behavior of Ferromagnetic Transition in SnO₂ based Diluted Magnetic Semiconductor" **Sunita Mohanty** and S. Ravi: (accepted for publication in *Journal of Superconductivity and Novel Magnetism*).
- 2) "Ferromagnetism in mechanically milled Sn_{1-x}Co_xO₂ (x=0 to 0.10) compounds" **Sunita Mohanty** and S.Ravi: *Journal of Superconductivity and Novel Magnetism*, **25** (2012), 1017
- 3) "Structural and Magnetic Properties of Nanocrystalline Sn_{0.98}Co_{0.02}O₂ under different Annealing conditions" **Sunita Mohanty**, S.Ravi, H.S. Jena and V. Manivannan: *International Journal of Nanoscience*, **10** (2011), 313-317.
- 4) "Ferromagnetism and Bound Magnetic Polaron Behavior in (In_{1-x}Co_x)₂O₃" T. Bora, B. Samantaray, **S. Mohanty** and S. Ravi: *IEEE Transaction in Magnetics*, **47** (2011), 10.
- 5) "Ferromagnetism and bound magnetic polaron behavior in bulk Sn_{1-x}Co_xO₂" **Sunita Mohanty** and **S. Ravi**: *Solid State Communications*, **150** (2010) **739**.
- 6) "Magnetic Properties of Co doped SnO₂ Diluted Magnetic Semiconductors" **Sunita Mohanty** and **S. Ravi**: *Indian J. Phys.* **84** (2010), 735-739.
- 7) "Magnetic Properties of Sn_{1-x} Ni_xO₂ based diluted magnetic semiconductors" **Sunita Mohanty** and **S. Ravi**: *Solid State Communications*, **150** (2010) 1570-1574.
- 8) "Structural, electrical and magnetic properties of Co and Fe co-doped ZnO nanoparticles prepared by solution combustion method." M.L. Dinesha, H.S. Jayanna, **S. Mohanty** and **S. Ravi**: *Journal alloys and compounds*, **490** (2010) 618-623 .
- 9) "Neutron Powder Diffraction Studies in LaMn_{1-x}Cu_xO₃ (x=0.05,0.10and 0.15)" B. Samantaray,S. K. Srivastava, **S. Mohanty** and **S. Ravi**, I. Dhiman and A.Das: *Journal of Applied Physics*, **107** (2010), 09D719.
- 10) "Magnetic Properties of Nanocrystalline SnO₂ Prepared by Mechanical Alloying" **Sunita Mohanty**, M.Kar, S. Ravi: *International Journal of Modern Physics B*, **27** (2013) 1350025

School Attended:

Attended Homi Bhabha Centenary DAE-BRNS HRI School on Spintronics and Magnetolectronics Material and Devices, Jan 5-7, 2009, Toshali Sand, Puri.