

Details of the teachers to who received state, national and international recognition/awards in last five years.

| Name of the Awardee with contact details | Name of the Award | Name of the Awarding Agency | Year of Award | Incentive details |
|---|---|------------------------------------|----------------------|--------------------------|
| Dr. E. U. Masumdar | Completed a major project on " Synthesis of Pure and doped ZnO Thin films by spray pyrolysis and its application as a gas sensor" | UGC, New Delhi | 2010-2013 | Rs. 10.54 Lakhs. |
| Prof. R. N. Kendre | Ongoing minor project on " Synthesis and characterizati on of In ₂ S ₃ Thin films by spray pyrolysis technique" | UGC, WRO Pune | 2016-2018 | Rs. 2.70 Lakhs |

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| Abhijit A. Yadav | ▶ Completed a minor research project on “Growth and characterization of Semiconducting Cadmium Selenide thin films deposited by spray pyrolysis” [No.: 47-656/08] (Amount Rs. 0.90 Lakhs). (June 2009-May 2012). | University Grants Commission, WRO Punes) | 2012 | Rs. 0.90 Lakhs |
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| Abhijit A. Yadav | <p>Completed a Major Research Project under Fast Track Scheme for Young Scientists - (Physical Sciences)... (SB/FTP/PS- 068/2013 dated 9th December 2013) (Amount Rs. 24.55 Lakhs).</p> | <p>Science and Engineering Research Board, Department of Science and Technology, New Delhi</p> | 2013 | Rs. 24.55 Lakhs. |
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The number of Ph.D awarded per teacher during the last five years and their details

| Name of the Ph.D scholar | Name of the Department | Name of the guide/s | Title of the thesis | Date of registration of the scholar | Date of award of Ph.D. |
|---------------------------------|-------------------------------|----------------------------|---|--|-------------------------------|
| M. A. Barote | Physics | Dr. E. U. Masumdar | Processing, Characterization and Applications of Chemosynthesizes Cd_{1-x}Pb_xS Thin films | 12.09.2007 | 30.03.2012 |
| A.A.Yadav | Physics | Dr. E. U. Masumdar | Studies of spray deposited CdS_{1-x}Se_x . | 28.12.2007 | 29.09.2011 |

Details of Ph.D. students enrolled with enrolment no., date of enrolment, topic, name of supervisor, likely date of completion, etc.

| Sr. No | Enrolment No | Name of Student | Date of enrolment | Research Topic | Name of supervisor | Likely date of completion |
|--------|--------------|----------------------------------|-------------------|---|--------------------|---------------------------|
| 1 | 535-2-3 | Arvind Kanwate | 20/04/2015 | Synthesis, Characterization and application of CdSe _{1-x} Te _x Thin Films | Dr.E. U. Masumdar | May 2021 |
| 2 | 4363 | Shafik Shaikh | 16/03/2016 | Synthesis Characterization and Application of CdS _{1-x} Te _x Thin Film | | May 2022 |
| 3 | 1359 | Shri Nandkishor Manoharrao Patil | 23/02/2016 | Growth and Characterization of ZnS _x Se _{1-x} Thin Films for Photoelectrochemical Solar Cell Applications | Dr. A.A.Yadav | June 2021 |
| 4 | 1358 | Shri Santosh Ganpati Nilange | 23/02/2016 | Studies on chemically synthesized Cu ₂ FeSnS ₄ thin films | | June 2021 |
| 5 | 1372 | Ms.Vidyadevi Appasaheb Jundale | 30/07/2016 | Preparation and Characterization of NiFe ₂ O ₄ and CoFe ₂ O ₄ Thin Films for | | June 2021 |

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|---|------|---------------------------------|------------|--|-----------|
| | | | | Electrochemical Supercapacitor Applications | |
| 6 | 72 | SmtPratibhaBabruwanKadam | 23/02/2016 | Growth and Characterization of MoO₃ and NiMoO₄ thin Films for Electrochemical Supercapacitor Applications | June 2021 |
| 7 | 1393 | Chandrashekhar R. | 23/02/2016 | Growth and Characterization of Undoped and doped RuO₂ thin Films for Electrochemical Supercapacitor Applications | June 2021 |

Field Of Research Specialization in Physics

| Sr.No. | Name of Faculty | Research Specialization |
|---------------|---------------------------|--------------------------------|
| 1 | Dr. E. U. Masumdar | Thin Film Technology |
| 2 | Dr.D.V.Raje | Nuclear Physics |
| 3 | Dr.A.A.Yadav | Thin Film Technology |