

BIO-DATA OF DEPARTMENTAL STAFF

Dr. BRIJESHKUMAR A. AMIN

Qualification: Ph. D.

Designation: Assistant Professor (Physics)

Experience: 19 Years

Specialized Subject: Condensed Matter Physics, Solid State Physics

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Qualification:	<p>2007 Doctor of Philosophy (Condensed Matter Physics) Sardar Patel University, Vallabh Vidyanagar, Gujarat, India.</p> <p>2001 Master of Science (Solid State Physics) The M.S. University of Baroda, Vadodara, Gujarat, India.</p> <p>1999 Bachelor of Science (Physics) The M.S. University of Baroda, Vadodara, Gujarat, India.</p>
Experience	<p>Assistant Professor (02-Sep-2008 to Till Date) College of Agricultural Engineering & Technology, Godhra, Gujarat</p> <p>Temporary Lecturer (31-Jul-2008 to 01-Sep-2008) Department of Physics, Faculty of Science, The M.S. University of Baroda, Vadodara, Gujarat, India.</p> <p>Temporary Teaching Assistant (13-Jul-2007 to 31-March-2008) Department of Physics, Faculty of Science, The M.S. University of Baroda, Vadodara, Gujarat, India.</p> <p>Temporary Teaching Assistant (24-Jul-2006 to 26-March-2007) Department of Physics, Faculty of Science, The M.S. University of Baroda, Vadodara, Gujarat, India.</p>
Publications	<p>International Publications: 05 National Publications: 03 Book Chapter: Nil Popular Article: Nil</p>
Others	<p>Machines developed: Designed and developed Solution Growth Apparatus for 3D Enlargement of Crystals at Department of Physics, Sardar Patel University, Vallabh Vidyanagar.</p> <p>Successfully completed tenure as 'Project Fellow' in UGC Major Research Project at Department of Physics, Sardar Patel University, Vallabh Vidyanagar.</p>

Membership:

- 1) Life Member of Physics Alumni Association (Faculty of Science, M. S. University, Baroda)
- 2) Life member of Physics Alumni Association
- 3) Life Member of Indian Association of Physics Teachers.
- 4) Life Member of Indian Science Congress Association

Projects:

- 1) UGC sponsored major research project on “Crystal Growth and characterization of KDP / ADP single crystals (Project Fellow)”
- 2) E-student Corner with Attendance and Result module doe UG courses (2014) AE. AIT / AIT / 2014 / 03
- 3) Development of Arduino based wireless soil moisture sensor AE. AIT / APE / 2017 / 03
- 4) Effect of Light intensity and color on growth performance of Rose in Net house AE. AIT / APE / 2017 / 01
- 5) Effect of magnetic field on germination and seedling growth of onion AE. AIT / AIT / 2018 / 03
- 6) Effect of magnetic field on germination and seedling growth of cumin AE. AIT / AIT / 2018 / 04

Conference/workshop/training/Seminar attended: 28

Radio talks: - Nil -

Patents published: - Nil -