

Biodata



Name : Dr. Kishor Govindrao Rewatkar

Date of Birth: 09/06/1964

Name of college: Vice Principal,
Head, Department of Physics, Dr. Ambedkar College, Deekshabhoomi,
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Web Page: <http://www.researcheid.com/rid/J-9058-2015>

Educational Qualifications :MSc. Ph. D

Teaching experience : 32 Yrs. (UG, PG), 5 Yrs. At Post P.G.

Seminars/Conferences/Symposia/workshops etc attended: 50 + (National and International)

Visits abroad and nature of assignment:

- National University Singapore, Singapore.
- University of Bangkok, Bangkok, Thailand
- University of Peradniya, Kandy, Srilanka.
- University of Putra Malaysia, Kuala Lumpur
- University of Mauritius, Mauritius
- Cambridge University, England
- Cologne University, Germany
- University of Pisa, Italy
- Vrije Universiteit Brussel, Belgium
- University of Paris, France

Broad field of research interest with specific areas of involvement:

Spectroscopy- (X-ray Spectroscopy)
Solid State Physics- (Crystal growth, Crystallography, Magnetic and
Electrical materials).
Nanomaterials (Nanomagnets)
Materials science

Research Guidance : Ph.D awarded to the students by RTM Nagpur University – 33
Submitted Ph. D. - 03
M.Phil award – 04
Students. (Registered for Ph. D.)- 08

Awards: Best Teachers Award by RTM Nagpur University –in the year 2021

Patents awarded: 01:

Title of invention: 1. Low Cost Microcontroller Based Rotating Crystal Growth Instrument

2. Metamaterial Based 5g Antennas For Mobile Networking
3. Automated Vibrating Sample Magnetometer Instrument

Number of Research Publications: 153

Book Publication: 06

For BSc-I, II, III. Student of RTM Nagpur University

Chapter in Book by International Publication: 02

- Chapter published Book by Trans tech Publications, Switzerland (2015)
- Chapter published Book by Trans tech Publications, Switzerland (2018)

Research paper reviewer for the journals all in Elsevier Science

- Materials Research Bulletin
- Industrial & Engineering Chemistry Research
- Journal of Alloys & compounds
- Materials journal of Chemistry and Physics
- International journal of Luminiscence
- Australian Ceramic society

Research project

- Principal Investigator, **Minor Research Project** under UGC (2000).
“Magnetic and acoustic characterization in magnetic ceramic”
- Principal Investigator, **Minor Research Project** under UGC (2007)
“Electric, Magnetic and X-ray spectroscopic characterization of ternary ion doped calcium magnetite”
- Principal Investigator, **Major Research Project** to UGC under Xth plan. (2011)
“Enhancement in non linearity of single crystal of ammonium dihydrogen phosphate by doping with amino acids”
- Principal Investigator, **Collaborative Research project** under UGC-DAE consortium, Indore collaboration scheme, (2015)
“Study of silicon multilayer ferrite and cuprus based highly efficient solar cell”

Association with University

- Faculty member of Board of Studies in Physics, RTM Nagpur Univ. (2010-2015)
- Research Recognition Committee member of Gondawana University (2013-2018)
- Faculty member of Board of Studies in Physics, Gondwana University (2018-onwards)

Membership of organizations (teachers / professional / academics / administrative etc.)

- Life member of Indian Association of Physics Teachers (IAPT), India
- Life member of Indian Science Congress, India
- Life member of Electron Microscopy of India
- Executive member of Vidarbha University Physics Teachers Association, Nagpur
- President of Marathi Vidnyan Parishad, Nawargaon Chapter, Nawargaon
- Founder General Secretary of Society for Technologically Advanced Materials, India (STAMI).
- Life Member of Vishwashanti Multipurpose society, Nagpur

Organization of conferences/workshops/Seminars

- Organized National Level Seminar on “Recent Advances in Mathematical Physics” on **5th Jan. 2004** at Shri. Dnyanesh Mahavidyalaya, Nawargaon, Dist. Chandrapur..
- Organizing Secretary of National Level Conference on “Recent Advances in Materials Science” on **21st and 22nd Jan. 2006** at Dr. Ambedkar College, Deekshabhoomi, Nagpur-10.
- Organizing Secretary of National Level Conference “Advanced Technologies in Materials And Crystals” on **28th and 29th Jan. 2008** at Dr. Ambedkar College, Deekshabhoomi, Nagpur-10.
- Convener of National level workshop on E-awareness on **19th and 20th November 2010** held at Dr. Ambedkar College, Deeksha Bhoomi, Nagpur.
- Organizing secretary of National level conference on Materials science and Bioscience for energy applications on **2nd and 3rd January 2012** at Dr. Ambedkar College, Nagpur
- Convener, National conference on Nanoscience for sustainable development on **23rd February 2015**, at Dr. Ambedkar College, Nagpur.
- Co-convener, 2nd international conference on science and technology for society, ICSTS-2015 on **19-21, May 2015** at Hotel Galdri, Colombo, Srilanka.
- Convener, International conference on Science and Technology for sustainable Development (ICSTSD-2016) on **24-26 May 2016**, at Hotel ISTANA, Kuala Lumpur, Malaysia
- Organizing secretary, Inter-University workshop on Electroacoustic (WEA-2017) on **1st - 2nd August 2017**, at Dr. Ambedkar College, Nagpur
- Convener, International conference on Technologically Advanced Materials and Asian Meeting on Ferroelectricity (ICTAM-AMF-10), **November 7-11, 2016**, organized in Delhi University, Delhi.
- Chairman, International Conference on Nano-structured Materials and Devices (ICNSMD-2018), organized by Society for Technologically Advanced Materials of India (STAMI) & University of Delhi, **October 01-05, 2018**
- Chairman, International conference on science, engineering and Technology, organized by Society for Technologically Advanced Materials of India, (STAMI) and Samara University, Russia, Tashkent, **30 May-1 June 2019**

Any other:

- Subject expert for HSSC in service teachers training programme, Maharashtra State Board of Secondary and Higher Secondary Education, Pune (2006 and onwards)
- Project Director “Vayat Yetana” for children between the age limit 13-16 years old. (Grandted by Marathi Vidnyan Parishad, Mumbai sponsored by *ICICI* Bank).
- NAAC co-ordinator of Shri. Dnyanesh Mahavidyalaya, Nawargaon, Dist- Chandrapur. (2004)
- Co-ordinator for One year Post PG Diploma course in Nanoscience & Nanotechnology conducted in Department of Physics, Dr. Ambedkar college, Nagpur under UGC Innovative scheme (2012 and onwards).
- Co-ordinator of Mukteshwari Gurupeeth, Wardha, for meditation camps at National Level.
- Co-ordinator for PG in Physics, Deptt of Physics, Dr. Ambedkar college, Nagpur (Since 2012)
- President of Vidarbha University Physics Teachers Association.