

Dr. A. A. Ghanwat,
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Educational Qualifications: M. Sc., M. Phil., Ph. D.

Total Teaching Experience : 26 years..

Area of Specialization : Polymer Chemistry

Research Publications : 67 in Internationals Journals + 72 Conference Presentations

Particulars of Research Guidance:

Number of Ph. D. Students Awarded : 10

Number of Ph.D. Students Working : 05

Number of students guided for PG research Projects : 88

Active participation in development of Department of Chemistry and Shivaji University Post Graduate Centre, Solapur and Solapur University Campus since inception.

Current Research interest: Controlled Radical Polymerization, High Performance Polymers, Nanocomposites, Organic Chemistry, Organometallic Chemistry, Gas Sensing Materials, Conducting Polymer Sensors.

Number of Major Research Projects:

Ongoing: 01

Research Project entitled “Development of High Impact (Bullet Proof) hybrid fiber reinforced thermoset polymer composites by Vacuum Assisted Resin Transfer Molding (VARTM)” sanctioned under “Assistance For S&T Applications” Programme of Rajiv Gandhi Science and Technology Commission, Government of Maharashtra.

Completed: 02

- i. University Grants Commission –Major Research Project.
- ii. Rashtriya Uchchatar Shiksha Abhiyan - RUSA

International Conference attended outside the country: 01 (South Korea)

Other Responsibilities:

- i. Working as i/c Director, Knowledge Resource Center, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
- ii. Working as Member of the Senate, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
- iii. Worked as i/c Director, School of Allied Health Sciences, P. A. H. Solapur University, Solapur.
- iv. Worked as Co-Ordinator, Training and Placement Cell, P. A. H. Solapur University, Solapur.
- v. Worked as Director, School of Chemical Sciences and Head, Department of Polymer Chemistry, Solapur University, Solapur.
- vi. Worked as Co-ordinator Instrumentation Centre (USIC), Solapur University, Solapur. (2011 to 2018)
- vii. Worked as Co-ordinator Boys' and Girls' Hostel of Solapur University, Solapur. (2009 to 2018)
- viii. Worked as Member of Management Council, Member of Senate, Member of Academic Council, Chairman of Board of Studies in Chemistry, Member Secretary, IQAC, and Member, NAAC Steering Committee, Solapur University, Solapur. etc.
- ix. Worked as member of Ad-hoc Board of Studies in Industrial Chemistry at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- x. Worked as Chairman, of Ad-hoc Board of Studies in Entrepreneurship at Solapur University, Solapur.
- xi. Co-ordinator, National Science Day -2010, 2011, 2013 and 2014 Solapur University, Solapur sponsored by Rajiv Gandhi Science and technology Commission, Government of Maharashtra.

Organization of Conferences:

- i. **Convener** 3rd International Conference on “*Chemistry for the Future: Pioneering Sustainable Solutions*” (CFPSS – 2025), organized by the *School of Chemical Sciences, Punyashlok Ahilyadevi Holkar Solapur University*, Solapur, India, on March 7-8, 2025.
- ii. **Organizing Secretary** of 17th International Conference on “*Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads*” ISCBC-2012; held at Solapur University, Solapur during January 21– 24, 2012.
- iii. **Organizing Secretary** of 2nd International Conference on “*Emerging Trends in Chemical Sciences*” (ETCS-2012) at Solapur University, Solapur, 02-04 November, 2012.
- iv. **Convener** UGC Sponsored one day National Conference on “*Frontiers in Chemical Sciences*” (FCS -2014) held at School of Chemical Sciences, Solapur University, Solapur, on June 30, 2014.
- v. **Convener**, One Day National Conference in association with Royal Society of Chemistry – West India Section on Latest Trends Fundamental Research (LTFR-2015), held at Solapur University, Solapur. June 30, 2015.
- vi. **Convener** UGC Sponsored one day National Conference on “*Recent Advances in Chemical Sciences*” (RACS -2017) held at School of Chemical Sciences, Solapur University, Solapur, on November, 26, 2017.
- vii. **Convener**, PM-USHA Sponsored 3rd International Conference on “*Chemistry for the Future: Pioneering Sustainable Solutions*” (CFPSS – 2025) held at School of Chemical Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur, on March 7-8, 2025.