

Dr. Ganesh Janardan Navathe

(M.sc. NET, Ph.D.)



Personal Dossier

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Marital Status

Married

Languages Known

English, Hindi, Marathi

Career Objective:

To associate with multi-dynamic institute, which may provide a platform to update my knowledge & skills in accordance with latest trends in teaching along with research that follows a tradition of anticipating & leading changes.

Educational Qualifications:

- Qualified NET exam in physics held on June 2011
- Ph.D. awarded from Shivaji University, Kolhapur in the year of 2019
- Completed Master's in physics from Shivaji University, Kolhapur in the year of 1998.
- Completed Bachelor's in physics from Vivekanand College, Kolhapur in the year of 1996.

Professional Qualifications:

- Experience of 7 year as Asst. Prof. (Physics) at Vivekanand College, Kolhapur.
- Strong experience in teaching assigned subjects in college
- Good communication and comprehension abilities.
- Deep knowledge of student assessment procedures.
- Ability to address student's educational needs even outside of the classroom
- Attended professional developmental seminars and trainings.
- Worked positively with students and faculty.

Research Publications :

- [1] **Navathe, G.J.**, Patil, D.S., Jadhav, P.R., Awale, D.V., Teli, A.M., Bhise, S.C., Kolekar, S.S., Karanjkar, M.M., Kim, J.H. and Patil, P.S., Rapid synthesis of nanostructured copper oxide for electrochemical supercapacitor based on novel [HPMIM][Cl] ionic liquid, *Journal of Electroanalytical Chemistry*, **738**, 170-175 (2015).
- [2] Teli, A.M., **Navathe, G.J.**, Patil, D.S., Jadhav, P.R., Patil, S.B., Dongale, T.D., Karanjkar, M.M., Shin, J.C. and Patil, P.S., TOPO mediated rapid hydrothermal synthesis and study of electrochemical performance of nanostructured copper oxide thin films, *Sustainable Energy & Fuels*, **1(2)**, 377-386 (2017).
- [3] Awale, D.V., Bhise, S.C., Patil, S.K., Vadiyar, M.M., Jadhav, P.R., **Navathe, G.J.**, Kim, J.H., Patil, P.S. and Kolekar, S.S., Nanopetals assembled copper oxide electrode for supercapacitor using novel 1-(1'-methyl-2'-oxo-propyl)-2,3-dimethylimidazolium chloride ionic liquid as an electrolyte. *Ceramics International*, **42(2)**, 2699-2705 (2016).
- [4] Dongale, T.D., Jadhav, P.R., **Navathe, G.J.**, Kim, J.H., Karanjkar, M.M. and Patil, P.S., Development of nano fiber MnO₂ thin film electrode and cyclic voltammetry behavior modeling using artificial neural network for supercapacitor application. *Materials Science in Semiconductor Processing*, **36**, 43-48 (2015).
- [5] **G. J. Navathe**, 1, 3 S. R. Prasad, 5 A.M. Mane, 1, 4 S.H. Barge, 6 T. D. Dongale, 1 Viquar Shaikh, 7 M. M. Karanjkar, 3 S.B. Teli, 2,* P. S. Patil and N. R. Prasad, A Critical Review on Design and Development of New Generation Energy Storage Devices. *ES Energy & Environment*, *ES Energy Environ.*, 2022, 17, 11-32
- [6] SI Inamdar, **GJ Navathe**, SV Malgaonkar, CJ Kamble, MM Karanjkar
Synthesis and characterization of Al doped ZnO powder by precipitation Method, *Vivek research journal* vol. iv, issue ii, jan, 2021

Conferences and Workshop attended :

1. '3rd National Seminar on Physics of Materials and Materials Based Device Fabrication' sponsored by UGC-DRS-I programme, New Delhi (India) at Shivaji University, Kolhapur.
2. Completed Short term course on "Material Sciences" held in IIT Khargpur In 2014
3. Completed Short term course on "Nanotechnology" held in IIT Roorkee In 2015
4. Completed Two days workshop on "Nanoelectronics" held in IIT Powai In 2017
5. Completed orientation program held in DAVV University Indore in 2019 With grade A
6. Completed Faculty development program on cyber security in 7 July 2019
7. Completed one day workshop on POs and COs Mapping in 9 Feb 21
8. Completed one day FDP on Basics in Research and Securing IP in Mar 21

Others

- 1) Recently working as Controller of examination.
- 2) Radio talk given on "Theory of Relativity"
- 3) Given lecture on " Quantum Mechanics" in NET coaching , Department of Physics , Shivaji University Kolhapur.

4) BOS member department of Physics Vivekanand College Kolhapur.

5) External examiner for B.Sc II, III and M.Sc I and II

6) Lapses committee member in Mahaveer College Kolhapur

7) Paper Setter for B.Sc in D.Y. Patil University

Declaration

I hereby declare that the information and details given above are true the best of my knowledge.

Looking forward to work in your esteemed organisation.

Yours faithfully

(Ganesh Janardan Navathe)

Place- Kolhapur

Date- 12/09/2022