

PROFILE

1. **Name :** Dr. Mohammed Afzal
2. **Department :** Physics
3. **Designation :** Principal, HOD (Physics)
4. **Date of Joining :** 16-7-1988
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7. Educational Qualifications:

Qualification	Title/Course	University	year
Ph.D	Nano-crystalline Metal Oxides thin films for gas sensor application	Gulbarga University, Gulbarga	2017
M.Sc	Physics (Solid State Physics)	Gulbarga University, Gulbarga	1988
B.Sc	Physics, Electronics, Mathematics	Gulbarga University, Gulbarga	1985

8. Positions Held / Career Profile:

- Principal since 2018
- Member Committee for Science and Technology, Akkamahadevi University, Vijayapur
- Chairman, Board of Examiners (BOE), Akkamahadevi University, Vijayapur (for two terms)
- Member Board of Studies (BOS), Akkamahadevi University, Vijayapur(for two terms)
- Member, Indian Association of Physics Teachers.
- Vice- Principal, A.R.S. Inamdar College, Bijapur for 12 years.
- Member, Sports Advisory Committee, Akkamahadevi Women's University, Bijapur.
- Member Governing Council, SECAB Institute of Business Administration and Computer Application.
- Member, UGC Building Committee of the college
- Member, UGC Planning Board of the College.

9. **Teaching Experience:** 30 years

10. Area of Specialization: Solid State Physics

11. Courses and Subjects Taught: B.Sc and PUC - Physics

12. Publications:

1) Mohammed Afzal ,P.S.Naik, L.I.Nadaf , Irfan N.Shaik,SnO₂- surfactant Composite Films for Superior Gas Sensitivity, SSRG International Journal Applied Physics, 3 (5),(2016) 1-5,. DOI- 10.14445/2350030/IJAP-V315P101.

2) Mohammed Afzal, P.S.Naik, S.S. Suryavanshi, L.I.Nadaf, Cost Effective Experimental Setup for Gas Sensing Applications. IOSR- Journal of Applied Chemistry ,R812,(2015)37-44. DOI - 10.9790/5736-081223744.

3) Mohammed Afzal, P.S.Naik, S.S. Suryavanshi, L.I.Nadaf ,Design and Fabrication of Low Cost and Miniaturized Setup for Gas Sensor. IOSR-Journal of Applied Physics. ,7(2)(2015)39-45. DOI - 10.9790/4861-07233945.

4) L.I.Nadaf, K.S.Venkatesh, M.A.Gadyal, Mohammed Afzal, Polyaniline -Tin Oxide Nanocomposites: Synthesis and Characterization, Journal of Applied Chemistry, 9(2)(2016)55-61: DOI- 10.9790/5736-09225561.

5) Irfan N Shaikh, Umanr Rarooq,Shirajahammad M Hunagund, Imran N Shaikh, Mohammed Afzal Cu-catalyzed Rapid Synthesis of Novel Fluorinated Indole Derivatives Under Microwave Irradiation. Springer -Chemistry Africa s42250-018-0013-9.

13. Conference/Symposia/Workshops Attended /Organised:

1)

2)

3)

4) One Day State level Seminar on Social responsibility toward building society organized by Social Science Department A.R.S.Inamadar college,Vijayapur, on 23rd February 2018.

5) Two Days National Workshop on Nanoscience : Fundamentals to basic applications organized by S.B.Arts and K.C.P.Science college ,Vijayapur on 21st and 22nd February 2019.

14. Staff training by University/other Institutions :

1. Orientation Programme at Hyderabad Central University, Hyderabad.
2. Refresher Course in Physics at Hyderabad Central University, Hyderabad.
3. Refresher Course in Nanomaterials and Nanoscience at Karnataka University, Dharwad.
4. Refresher Course in Material Science at University of Mysore
5. Orientation Course for Principals of Minority Institutions at NUEPA, New Delhi
6. Workshop for Principals organised by Karnataka Higher Education Council at Karnataka University, Dharwad.

15. Participation in Curriculum Restructuring : ---

- 1) Worked as Member BOS in Physics (UG) Karnataka State Akkamahadevi Women's University, Vijayapur

- 2) Participated in workshop in designing of Physics curriculum for B.Sc course at V.G. Women's College, Gulbarga
- 3) Presently on BOS in Physics (UG) Karnataka State Akkamahadevi Women's University, Vijayapur

16. Corporate Participation at the College Level:

- Chairman, IQAC and all the committees of the college (by virtue of Principal)

17. Areas of Interest: Nano-crystalline Metal Oxides thin films for gas sensor application and Synthesis of Carbon Nano-tubes for water purification.

18. Any Other: Developed Research Laboratory and Instrumentation Centre.