


Faculty Profile

Name of Faculty	Dr. Prasad K.N.N	
Department	Physics	
Qualification	M Sc., M Phil., Ph.D.	
Designation	Associate Professor	
Area of specialization	Material Science and Molecular Spectroscopy	
Date of Joining BNMIT	09.09.2009	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	prasadknn@bnmit.in, knnprasad@yahoo.com	
No. of years of Experience	Teaching: 20 years Research: 02 years	

Academic Qualifications

- **Ph.D.** (2016), Department of Physics, Bangalore University, Bangalore, India.
- **M.Phil.** (2007), Periyar University, Selam, Tamilnadu, India (I Class)
- **M.Sc.** (1997), Physics, Specialization in Electronics. Bangalore University, Bangalore (I Class)
- **B.Sc.** (1995), Kalpataru Science College, Tiptur, Bangalore University (I Class)

Working Experience Details

- Associate Professor, Dept. of Physics, BNMIT, Bangalore (2016 – Till date).
- Assistant Professor, Dept. of Physics, BNMIT, Bangalore (2009 – 2016).
- Assistant Professor and HOD, Dept. of Physics, Atria IT, Hebbal, Bangalore (2000-2009).
- Junior Research Fellow, MTRDC, DRDO, Bangalore (1998-2000).
- Lecturer, Dept. of Physics, SJRC, Anand Rao Circle, Bangalore (1997-1998).

Research Experience Details:

Ph.D:

Thesis: “High Pressure Studies on some Ternary Chalcogenide Glasses”.

Research Supervision:

Sl. No.	Name of the student	Ph.D / M.Phil	University	Year of completion	Title of Research Topic
1	Sunil Kumar N	Ph.D.	VTU, Belgaum	Pursuing	STUDIES ON PHOTOPHYSICAL PROPERTIES OF SOME FLUORESCENT ORGANIC MOLECULES

Professional Memberships:

- Life Member, Indian Society for Technical Education (ISTE).

Workshops/Seminars Organized:

1. **Organizing Convener** for Five-Day Faculty Development Program on “**Modern Materials & their Applications**” held at BNM Institute of Technology, Bengaluru during 16-20, January 2018.
2. **Organizing member** for the conduction of One-Day Symposium on “**Current Trends in Photonics and its Applications**” on 20th March 2010 at BNMIT.

Research Publications:

National & International Journals

1. Electrical resistivity Change of Se-Te-Ag Compositions to Thermal and Pressure as Stress
Neeru Chaudhary, **KNN Prasad** & Navdeep Goyal.
J. Material Sciences & Engineering 6(3) 1000339(1-5) (2017) [Publisher: OMICS International, USA].
2. Pressure tolerant nanocrystalline $\text{Se}_{85-x}\text{Te}_{15}\text{Ga}_x$ ($x=0, 2, 6, 10, 15$) semiconductor
Neeru Chaudhary, **KNN Prasad** & Navdeep Goyal
J. Materials Today: proceedings 3(6) 2347-2351 (2016) [Publisher: Elsevier].
3. Effect of additives on Germanium-Tellurium Glasses studied through High pressure
KNN Prasad, K. Rukmani & S.Asokan MMDA-2016, National Conference proceedings, 32-35
ISBN: 978-93-5254-637-4 (2016).
4. Effect of High Pressure on the Electrical Resistivity Of Ge-Te-In Glasses
KNN Prasad, G. Sreevidya Varma, K. Rukmani & S.Asokan,
59th DAE - SSPS - 2014, AIP Conference proceedings 1665 070034-1-3 (2015).

5. Variation of electrical resistivity with high pressure in Ge-Te-Sn glasses: a composition dependent study”
KNN Prasad, Chandasree Das, K. Rukmani & S.Asokan
Acta Physica Polonica A 127(6) 1666-1670 (2015).
6. High pressure studies on the electrical resistivity of Ge-Te-Tl glasses
KNN Prasad, M. M. Rahman, K. Rukmani & S.Asokan
High Pressure Research; an International Journal 34(3) 309-316 (2014) [Publisher: Taylor & Francis]. This paper has been selected as **Physics best of 2014** by Taylor & Francis Publisher, London U K
7. Virtual cathode oscillator (VIRCATOR); experiments on KALI-200,
D Senthil Kumar, P Janardhan, **KNN Prasad**, DC Pande
Proc. Symp. Advances in Electronics, ELECTRO – 2001, BHU, Varanasi 313-317 (2001).

Papers presented in International/National Conferences

1. **Effect of additives on Ge-Te chalcogenide glasses studied under High pressure**
Two-Day National Conference on “Science Engineering & Management (NCSEM-2018)”, during 24th and 25th May 2018, The Oxford College of Engineering, Bangalore.
➤ Received **the best poster** award
2. **Observation of signatures of topological thresholds in bulk Ge-Te-In chalcogenide glasses under high pressure**
One-Day National Conference on “Emerging Trends in Material Science (ETMS -2017)”, on 7th March 2017, KLE’s S. Nijalingappa College, Bangalore.
3. **Effect of additives on Germanium-Tellurium glasses studied through High pressure**
Two-Day National Conference on “Modern Materials Devices and Applications (MMDA-2016)”, during 7th and 8th Jan 2016, Maharani’s Science College for Women, Bangalore.
4. **Effect of High Pressure on The Electrical Resistivity of Ge-Te-In Glasses**
59th DAE-Solid State Physics Symposium (SSPS-2014)”, during 16th - 20th Dec 2014, VIT University, Vellore, Tamilnadu.
5. **Variation of the electrical resistivity with high pressure in Ge-Te-Sn glasses**
Two-Day “National Conference on Recent advances in Nanoscience & Technology (NCRNT - 13)”, during 3rd & 4th May 2013, Acharya I T, Bangalore.
6. **High pressure studies on the electrical resistivity of Ge-Te-Tl glasses**
One-Day National Conference on “Emerging Trends in Material Science” on 26th March, 2013, KLE’s S. Nijalingappa College, Bangalore.

Participation in Training courses/Seminars/Workshops

1. Two-Day National Conference on “Science Engineering & Management (NCSEM-2018)”, at The Oxford College of Engineering, Bangalore during 24th and 25th May 2018.
2. One-Day IEEE Awareness workshop on “Accreditation In Engineering Education” at BMS College of Engineering, Bangalore on 3rd July 2017.
3. One-Day National Conference on “Emerging Trends in Material Science (ETMS-2017)” at KLE’s Nijalingappa College, Bangalore on 7th March 2017.
4. One-Day seminar on “Teachers as Catalysts for Change” at B N M I T, Bangalore on 21st January 2017.
5. Five-Day Faculty Development Programme on “Recent Advances in Material Science” at BNMIT, Bangalore during 9th - 13th January 2017.
6. One-Day seminar on “The occasion of 100th year celebration of Einstein’s Work” at B I T, Bangalore on 23rd April 2016.
7. Two-Day National Conference on “Modern Materials Devices and Applications (MMDA-2016)”, at Maharani’s Science College for Women, Bangalore during 7th and 8th January 2016.
8. Three-Day workshop on “Preparation for Accreditation by NBA” at BNMIT, Bangalore during 3rd – 5th December 2015.
9. Five-Day “59thDAE-Solid State Physics Symposium (SSPS-2014)”, at VIT University, Vellore, Tamilnadu during 16th - 20th December 2014.
10. Two Day workshop on “X-Ray Crystallography” at MSRIT, Bangalore during 1st and 2nd July 2014.
11. Two Day “National Conference on Recent advances in NanoScience & Technology (NCRNT-2013)” at Acharya I T, Bangalore during 3rd & 4th May 2013.
12. One-Day National Conference on “Emerging Trends in Material Science” at KLE’s Nijalingappa College, Bangalore on 26th March 2013.
13. One-Day workshop on “Innovations in Nanoscience and Nanotechnology” organized by RNSIT, Bangalore in association with Luminescence Society of India Karnataka chapter on 18th August 2012.
14. Three-Day Faculty Development Programme on “Innovative Teaching and Effective Communication” organized by BNMIT, Bangalore during 18th - 20th July 2012.
15. Two-Day Lecture workshop on “Current Trends in Novel Materials” organized jointly by Department of Physics, Christ University, Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences India, Allahabad (Bangalore Chapter) at Christ University, Bangalore during 4th and 5th February 2011.
16. Two-Day Advance workshop on “High Impact teaching skills” by Wipro Mission10X at BNM Institute of Technology , Bangalore during September 2010.

17. Two-Day workshop on “High Impact Teaching Skills” by Wipro Mission10X at BNM Institute of Technology, Bangalore during July 2010.
18. One-Day awareness program on “ISO 9001: 2008 Quality Management System” at BNM Institute of Technology, Bangalore during September 2009.
19. One-Day workshop on “Magnetic Materials & Their Applications” at MSRIT, Bangalore during February 2009.
20. Two-Day National Seminar on “Current Trends in Physics” at RV college of Engineering Bangalore during April 2008.
21. One-Day National Seminar on “Nano Materials” at RV college of Engineering Bangalore during October 2006.
22. One-Day workshop on “Revised Engineering Physics Syllabus” at SJCE (Sri Jayachamarajendra College of Engineering), Mysore during September 2006.
23. Two-day workshop on “Communication & presentation Skills and Classroom Management” at Atria Institute of Technology, Bangalore during February 2004.
24. One-day workshop on “Revised Engineering Physics Syllabus” at Saphthagiri College of Engineering, Bangalore during September 2002.
25. “Microwave Tube Technology” under Continuing Education Programme of DRDO at MTRDC Bangalore from 19th – 30th June 2000.
26. “High Power Microwaves & Electro Magnetic Pulses” under Continuing Education Programme of DRDO at MTRDC, Bangalore from 30th August - 3rd September 1999.

Personal Details:

- **Date of Birth :** 18 - 02 - 1975
- **Gender :** Male.
- **Nationality :** Indian
- **Residential Address :** #745, ‘PADMABHUSHANA’
1st Floor, 6th Cross, Kempegowda Layout,
BSK 3rd Stage, Bengaluru – 560085.
- **Phone Number:** 080-26793153

20th April 2019

Dr. PRASAD K N N