

## **BIODATA**

1. Name : **SHIV GOVIND PRASAD**
2. Designation : Assistant Professor
3. Date of Birth : 14-03-1975
4. Contact Address : Department of Chemistry,  
Uttar Pradesh Textile Technology Institute,  
11/208, Souterganj, P.B.Road, Kanpur-208001 U.P.
5. E-mail : sgp\_sinp@yahoo.com
6. Educational Qualification :
  - a) Applied for Ph.D
  - b) B.Sc (Phys. Chem. Maths.) M.Sc. (Chemistry)  
from University of Allahabad, Allahabad U.P.
7. Area of specialization : Organic Chemistry
8. Area of Interest : Organic Spectroscopy, Nuclear radiation  
characterization, Radiation safety, Conducting polymer, Anti Tumor Drug,  
Radiolysis, Nanotechnology
9. Experience : Six year Research Experience at Nuclear Chemistry Lab of  
Chemical Sciences Division, Saha Institute of Nuclear Physics,  
1/AF, Bidhannagar Kolkata W.B. PIN-700064 (Under  
administrative control of Department of Atomic Energy, Govt. of  
India)
10. Teaching, Research and administrative work since November, 2006 till now
11. Subject Teaching at Under Graduate Level
  - 1- Polymer Chemistry (Theory & Practical)
  - 2- Industrial Chemistry (Theory & Practical)
  - 3- Nuclear Science (Theory)
  - 4- Principle of Chemical Engineering (Practical)
12. Research Publications :
  1. **“Structural and Optical Investigations of Radiation Damage in Transparent PET Polymer Films”** by Shiv Govind Prasad, Abhijit De and Udayan De has been published in *International Journal of Spectroscopy* (2011) Article Id 810936 pages 1-7
  2. **“New advances in Textile: Application of nanotechnology”** by Shiv Govind Prasad, Sambhashker Singh and Kishlay published in 51th edition of FIBRE TO FINISH magazine (2011) pages 1-2
  3. **“Green Chemistry and its Applications in Textiles”** by Shiv Govind Prasad published in 50th Golden Jubilee edition of FIBRE TO FINISH magazine (2010) pages 29-31

4. **“Gamma irradiation effect on Mylar film: A study by UV-Vis spectroscopy”** by Shiv Govind Prasad, Abhijit De and Udayan De has been published in National conference on Synthesis and Characterization of Smart materials (SCSM-2009) at Bareilly College, Bareilly, U.P during September 12-14, 2009. (2009) pages 52-53
5. **“DSC study of gamma irradiation effects on PEO-based ion conducting polymer”** by Udayan De, Shiv Govind Prasad, M. M. Maitra and Sujata Tarafdar, “*Sixteenth National Symposium on Thermal Analysis*” Published by Scientific Information Resources Division, Bhabha Atomic Research Centre, Trombay, Mumbai, India (2008) pages 347-349
6. **“Some Photophysical studies of nano-crystalline diamond like amorphous carbon using UV-Visible spectroscopic techniques”** by Samita Basu, Nihar Ranjan Ray and Shiv Govind Prasad, “*Application of nano-crystalline diamond and Diamond like carbon material*” Published by Saha Institute of Nuclear Physics, Kolkata India ( 2006) pages 99-106
7. **“UV Vis Absorption spectrophotometric investigation of nano-crystalline diamond like carbon materials”** by Shiv Govind Prasad, Samita Basu and Nihar Ranjan Ray, “*Application of nano-crystalline diamond and Diamond like carbon material*” Published by Saha Institute of Nuclear Physics, Kolkata India ( 2006) pages 303-305

13. Conferences/Symposium/ Seminar/ workshop attended:

1. Participated in One day Seminar on "**Human Value and Professional Ethics**" organized and conducted by Value Education Cell, UPTU at Uttar Pradesh Textile Technology Institute, Kanpur on 24th April 2010.
2. Participated in "**National Seminar on New Trends in Green Chemistry**" organized by Department of Chemistry, D.A-V. College,(C.S.J.M. University) Kanpur, U.P. during December 14-15, 2010
3. Participated in "**National Seminar on Multifaceted Scope of Chemistry & Human Welfare**" organized by Department of Chemistry, D.B.S.(P.G.)College, (C.S.J.M. University) Kanpur, U.P. during January 22-23, 2011
4. Participated in "**National Conference on Advancement of Nano-Materials and its Applications**" organized by Department of Physics, D.A-V. College, (C.S.J.M. University) Kanpur, U.P. during February 15-16, 2011
5. **Short term training programme on “Optimization techniques for engineers”** Under AICT-ISTE program organized by Department of Chemical Engineering, Harcourt Butler Technological Institute (HBTI), Kanpur, U.P., India during March 23-28, 2009.

6. ***“Workshop on testing of adulterating materials in food items”*** organized by Department of Basic Science, Uttar Pradesh Textile Technology Institute, Kanpur, India during March 2-4, 2009
7. ***“National Seminar on Emerging Trends and Advances in Chemical Research”*** jointly organized by the Department of Chemistry, University of Allahabad, Allahabad, in association with Allahabad Chapters of Indian Science Congress Association and the Indian Chemical Society, Kolkata, India during February 8-10, 2009.
8. ***“Workshop on Textile Testing”*** organized by Department of Textile Technology, Uttar Pradesh Textile Technology Institute, Kanpur, India from February 3-5, 2009
9. ***“Nanomaterial: Characterization and Applications”*** organized by National Institute of Technical Teacher Training and Research, Chandigarh, India from October 20-24, 2008
10. ***“Workshop on innovation and creativity in Weft knitting”*** organized by Uttar Pradesh Textile Technology Institute, Kanpur, India on May 10, 2008.
11. ***“16<sup>th</sup> DAE-BRNS National Symposium on thermal analysis (THERMANS-2008)”*** at Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu, India during February 04-06, 2008.
12. ***“Workshop on Thermal Analysis (THERMANS-2008)”*** at Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu, India during February 07-08, 2008.
13. One day ***“Symposium on Molecular Machines”*** jointly organized by the Chemical Department, VSSD College Kanpur and the Indian Chemical Society, Kolkata, India on December 31, 2007.
14. ***Refresher course on “Applied Mathematical Techniques for Chemical Sciences”*** organized by Harcourt Butler Technological Institute (HBTI), Kanpur, U.P., India during April 11-15, 2007.
15. ***Training course on “Safety Aspects in the Research Applications of Ionizing Radiation”*** conducted by Radiological Physics & Advisory Division, Bhabha Atomic Research Centre (BARC), Mumbai, India during April 04-12, 2005.
16. ***“National Workshop on HPLC & Its Applications”*** organized by Chittaranjan National Cancer Institute (CNCI), Kolkata, India, during September 20-22, 2003.

14. Member of Professional Bodies:

1. **Life Member:** Journal of Indian Chemical Society, 92, Acharya Prafulla Chandra Road, Kolkata- 700009
2. **Life Member:** Indian Society for Radiation and Photochemical Sciences (ISRAPS) c/o Radiation and Photochemistry Division BARC, Mumbai-400085.