

Prabhakar Nagavelli (Reddy)
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EDUCATION and TRAINING

Post-Doctorate: 1990-1993; NIMC, Japan,
1993-1994: Ottawa University, Canada

Ph.D.: 1989, Organometallic compounds and Polymers, Osmania University, Hyderabad, India

M.Sc.: 1983, Organic Chemistry, Kakatiya University, Warangal, India

B.Sc.: 1979, Chemistry, Botany and Zoology, Kakatiya University, Warangal, India

HIGHLIGHTS

Teaching Experience: Intro, General and Organic chemistry
LSCS-Cyfare: 3 years
HCC-Stafford: 3 years

Research Experience:

- Olefin polymers and Silicon copolymers
- Polymer film characterization- formulation
- Worked in cross functional teams surrounding technical development programs and commercial launch initiatives.
- Working knowledge in developing various polymer films-PE, PP, LDPE, LLDPE, PVC and PET.

WORK EXPERIENCE

Product Development and Marketing Manager (2000-present): *Carbocore, Inc.*

- More than 100 new molecules were selected, synthesized.
- Isotope monomers for functional polymers
- New organic molecules for drug screening

Research Scientist (1994-1997): *National Institute of Materials and Chemicals (NIMC), Japan*

Duties includes develop vinyl based polymer films with pressure sensitive adhesive laminate, project planning and execution, lead teams to achieve goals, deliver progress on projects & suggest to terminate initiatives as appropriate. As a scientist, I extensively studied, synthesized silicon polymers and their properties as LED materials.

NSERC Fellow (1993-94): *Ottawa University, Canada*

Post-doctorate as Fellow of National Science and engineering Research council-Developed new protocols for carbamate pesticides

Science and Technology Agency International Fellow, 1990-1993: Ministry of International Trade for Technology (MITI), Tsukuba, Japan- Science and technology agency international award winner to work in Japan- Developed silicon grafted PE and PVC polymers and films.

Awards and Distinctions:

- 20 scientific papers, 25 technical reports, several invention disclosures and over 1000 scientific citations
- Science and Technology Agency International fellowship, Fellow of Natural Sciences and Engineering Research Council of Canada (NSERC) and the Ministry of International Trade for Industry (MITI), Japan.
- Council of Scientific and Industrial Research (CSIR) fellow (1984-1987)