MSP Mandal's

Shri Shivaji College, Parbhani

Department of Chemistry & Analytical Chemistry

Report of the

Guest Lecture on **"CARRIER OPPORTUNITIES IN RESEARCH FIELD"**

Under DBT Star College Scheme

11th February 2026.

The Department of Chemistry and Analytical Chemistry organized a guest lecture on **5th March, 2026** titled **"CARRIER OPPORTUNITIES IN RESEARCH FIELD"** under DBT Star College Scheme.

The Resource Person, **Prof. Dr. B. R. Patil**, informed students about the Career opportunities in the research field span academia, industry, government, and non-profits, with roles like Research Scientist, Assistant, Associate, or Analyst. Key sectors include life sciences, engineering, technology, and social sciences, with strong growth in areas like AI, renewable energy, and biotechnology. Average salaries for research scientists in India can exceed ₹6.2 Lakhs annually, with top roles reaching over ₹25 Lakhs, depending on experience and sector. Top Research Career Paths and Opportunities

Academic Researcher: Works in universities, focusing on specialized, often theoretical, studies.
Industry Researcher/Scientist: Develops products and solves practical problems for private firms.
Government Researcher: Informs policy and improves public services through agencies. Research Assistant: Supports studies, maintains lab equipment, and collects data.
Clinical Research Coordinator (CRC): Manages clinical trial operations and patient data.
Specialized Roles: Includes Medicinal Chemists, Computational Biologists, and Data Analysts.
Alternative Research Careers: Includes patent work, science communication, and technical sales.
Key Industries and Growth Areas, Life Sciences & Biotechnology: High demand in drug development, molecular modeling, and pandemic response. Technology & AI: Focus on neural data, software engineering, and data analysis. Engineering & Physical Sciences: Focus on areas like nuclear science and energy. Bhabha Atomic Research Centre (BARC).
Steps to Enter the Field, Education: A Bachelor's degree is required to start, with a Master's or Ph.D. often needed for advanced roles.

Skills: Data analysis, technical writing, and laboratory management are crucial.
Experience: Gaining experience through internships or positions as a research assistant is highly beneficial.
A large number of UG & PG students, and staff, including Dr. G. B. Gundlewad, Dr. N. V. Shitole, P. K. Vibhute, Dr. P. R. Jagtap, Dr. M. S. Jadhav, and Santosh Kamble, Miss S. V. Nagargoje, Miss R. H. Shinde, Mr. A. P. Gangane, Non-teaching staff were also present.


Teaching & Education


Education therefore is a process of living
and not a preparation for future living.