

# Research Roadmap



## Department of Chemistry

In Department of Chemistry, there are **sixteen members** in the teaching staff of Chemistry.

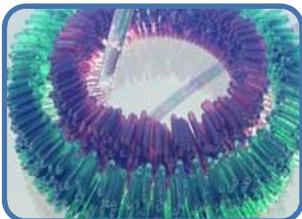
All are **Ph.Ds.**, out of these **nine members** are approved Ph.D. research supervisors.

In all about thirty research scholars have been pursuing their research work in various thrust areas programmes of research in chemistry.

# Thrust Areas of Research



Organic Synthesis and  
medicinal Chemistry



Advanced Functional  
Materials & Interfaces

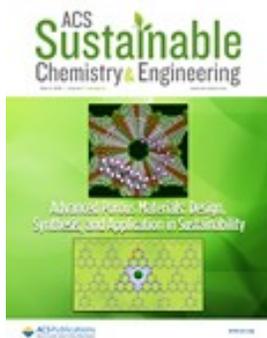


Natural Product Chemistry



Green Chemistry

## Publications in last five years



IF-6.14

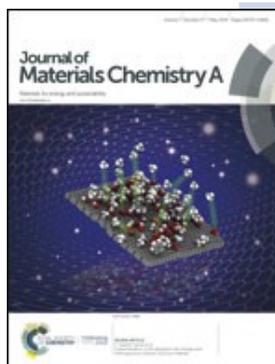
Publications  
>225

Citations  
>2000

Impact Factor  
per paper: 1.6  
(Top 200)



IF-4.8



IF-9.9



IF-2.3

## **Achievements in Research (2014-18)**

- Paper Published: 248
- Paper Per Faculty: 13.8
- Total Impact Factor: 325
- Average Impact Factor of Top Ten papers: 5.92
- Impact Factor per paper: 1.68
- Total citation: 1980
- Citation per faculty: 141.42

# Cont....

**Project in hand (DST, Fast Track):01**  
**Project completed (UGC, Major):01**

**In addition, Department has also been operating projects received from DST CURIE, MHRD and (WTP) DST.**

**Patent Filed:**

**01**

Department plans to improve further its quality of research:

- By submitting active research proposals to various funding agencies in the following thrust areas (~ 150 lacs);

- Individual research project applied-05 (DAE/DST) in the following trust areas:

- ✓ Water (Development of Nanoadorbents and nanosensors)
- ✓ Medicinal Chemistry (Synthesis of anti-microbial and anticancer agents)

DST FIST- Phase II –(Ready for submission)

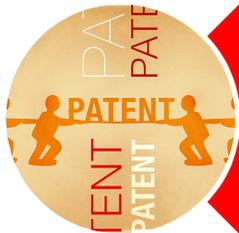
# Objective for next five years



Department will Continue  
Nurturing of three P's



Publications: ~ 250



Patent: 2



Project: 4

*Thank you*