

SCHOOL OF STUDIES IN CHEMISTRY

Jiwaji University

Profile of the Department:

The school of studies in Chemistry, Jiwaji University, Gwalior came into existence in the year 1971 as teaching and research centre. Over a period of time, it has acquired prestigious status at the National/ International level. Major areas of research carried out in this department includes, electro-analytical studies, environmental studies, organometallic coordination, kinetics studies, water management, ion exchange chromatography, treatment of radioactive waste, synthesis of chemotherapeutics, homogeneous catalysis and industrial chemistry. There have been significant contributions in the frontier areas of chemical sciences by way of research publications in journals of repute. Various funding agencies is providing financial assistance.

The department has been adopted by DST under its program for improvement of science and technology (FIST). Facilities available : FTIR Spectrophotometer, Gas Chromatograph, Millipore water purifying system, UV-VIS Spectrophotometer, Potentiostat, Versastat II, D.C. Polarograph, Pulse Polarograph, Karl Fischer titrator, Cyclic Voltammeter, Handy Air Sampler, COD Digester, BOD incubator, High Volume sampler, Ion Selective Electrodes, pH meter, Conductivity-meter, Flame Photometer, Refract meter along with instruments for routine analysis, Electrophoresis, Photochemical Reactor, Placement : Students of the department have got placement in different Government & Private sectors in the areas of Research and Development, teaching, Pharmaceutical Industries, Fine Chemicals Industries, Food Chemists etc. Many students are pursuing advance degree at leading Universities across the globe in the areas of Chemistry. The department implemented NEP 2020, the **four year B.Sc. Honors programme** , from the year 2021.

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Teaching Faculty:

- Prof. S.K. Srivastava (Professor)
- Prof. Radha Tomar(Professor & Head)

B. Sc. Chemistry Honors

About course	B. Sc. Chemistry Honors
Course duration	4 Years. (Students have an exit option after 3 years.)
Criteria of admission	10+2 with Chemistry with 50% marks.
Process of admission	On the basis of the merit in index based on the qualifying examination
Fees structure	I Sem Rs.14420 , II Sem. Rs. 10100, III Sem Rs. 11210, IV Sem Rs.10100, V Sem Rs.11210, VI Sem Rs.9600, VII Sem Rs.11210, VIII Sem Rs.9600.
Available seats :	Open = 20

M. Sc. Chemistry

About course	M. Sc. Chemistry
Course duration	2 Years
Criteria of admission	B.Sc. with Chemistry with 50% marks.
Process of admission	On the basis of the merit in index based on the qualifying examination
Fees structure	I Sem Rs.10220 , II Sem. Rs. 5900, III Sem Rs. 6960, IV Sem Rs.5900.
Available seats :	Open = 30