



जम्मू केंद्रीय विश्वविद्यालय

Central University of Jammu

राया-सूचानी (बागला) जिला सांबा-181143 जम्मू, जम्मू एवं कश्मीर
Rahya- Suchani (Bagla), District Samba-181143, Jammu (J&K)

No. WS/DCH/16/476

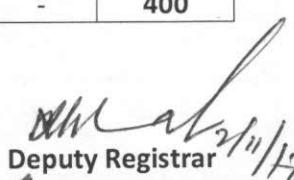
2nd November, 2018

NOTIFICATION No. 69/2018

Sub: Course Matrix and Syllabus Notification of **Ph.D. in Chemistry** w.e.f. Academic Session 2018-19 – Reg.

It is hereby notified for the information of all concerned that on the recommendations of the Board of Studies, Department of Chemistry and Chemical Sciences and School Board, School of Basic and Applied Sciences, the Academic Council has approved the following **Course Scheme and Syllabus** of **Ph.D. in Chemistry** w.e.f. Academic Session 2018 – 19.

Course Code	Course Title	Credit	ESE	Max. Marks
Compulsory Course				
PHCHM1C001T	Research Methodology and Computer Applications	4	100	100
Optional Courses (Any Three)				
PHCHM1C002T	Characterization Techniques	4	100	100
PHCHM1C003T	Stereochemistry and Asymmetric Synthesis			
PHCHM1C004T	Organic Synthesis			
PHCHM1C005T	Green Chemistry			
PHCHM1C006T	Application of Group Theory and Inorganic Spectroscopy			
PHCHM1C007T	Advanced Topics in Inorganic Chemistry			
PHCHM1C008T	Bioinorganic and Organometallic Chemistry			
PHCHM1C009T	Advanced Quantum Mechanics and Computational Chemistry			
PHCHM1C010T	Spectroscopy and Group Theory			
PHCHM1C011T	Computer Programming and Numerical Methods			
PHCHM1C012T	Thermodynamics, Kinetics and Electrochemistry			
Total				


Deputy Registrar
(Admin – HR)

Encl: Syllabus of Ph.D.

To: Head, Department of Chemistry and Chemical Sciences

Copy to: OSD (Exam)