

Bareilly-Lucknow National Highway, NH-24, Bareilly, Uttar Pradesh 243123

Course Outcomes (COs)

Program Name:	M.Sc. (Physics)	AY	22-23
Course Name:	Computational Physics	Class / Sem	III
Faculty Name:	Dr. Abijit Ghosh		

Course Outcomes

After completing this course, the student will be able to:


CO Number	CO Statement	Taxonomy
CO1	Describe basic concepts of C like function, arrays, etc. and tools of MATLAB like signal processing, filtering, etc.	Remember
CO2	Summarize methods used for signal processing, filtering and electric field computation of PIC code.	Create
CO3	Implement filtering methods like DFT, FFT, etc. on signals using MATLAB and to implement mathematical method for improvement in result like Iteration method on C.	Apply
CO4	Differentiate PIC code using parameters such as charge density, electric potential, etc.	Understand
CO5	Monitor processing of signals and filtering methods using MATLAB and improvement of mathematical methods using C.	Evaluate
CO6	Design a program to solve computational method with more accuracy	Create

Taxonomy: Remember, Understand, Apply, Analyse, Evaluate, Create


(Dr. Abijit Ghosh)

Faculty Signature and Name Department of Applied Science
Invertis University, Bareilly (U.P.)


Head


Dean
Faculty of Science
Invertis University, Bareilly (U.P.)


Registrar
Invertis University
Bareilly