Job ID	Nature of Work	Contact (for further details on the position)	Qualification/Skills expected
SIITGOA001B	Spectroscopic investigations on non linear optical materials	essiyer@iitgoa.ac.in	Pursuing MSc in Chemistry
SIITGOA002B	Apply Neural network methods to Inverse problems in heat transfer	ponnu@iitgoa.ac.in	Pursuing Mechanical Engineering with CGPA above 7.5 with knowledge of C programming language
SIITGOA003B	Study the viscoelastic flows past a sphere using in-house Lattice Boltzmann method.	ponnu@iitgoa.ac.in	Pursuing Mechanical Engineering with CGPA above 7.5 with knowledge of C programming language
SIITGOA004B	Synthesis and characterization of organometallic/organic compound that can be used for catalysis. Experience in synthetic chemistry will be desirable.	rajamitra@iitgoa.ac.in	3rd year onwards for BS-MS, Ongoing MSc/Int-PhD, Chemistry
SIITGOA005B	Planning to offer research work related to the electrochemical conversion processes, particularly synthesis of materials and their characterization, and then evaluation using various electrochemical techniques.	ravi@iitgoa.ac.in	UG/PG in Chemical/ Nanotechnology /Biotechnology/Material Science & Engineering/Chemistry/ Electrochemistry, etc.
SIITGOA006B	Synthetic Organic Chemistry, Medicinal Chemistry	rishikesh.narayan@iitgoa.ac.in	M.Sc. or Third Year B.Sc. (Chemistry)
SIITGOA007B	Projective integration scheme for high-performance parallel computing of fluid flows. This project involves the application of a projective integration scheme to develop a large-scale parallel C++ code to simulate laminar and turbulent fluid flows.	saumya@iitgoa.ac.in	MSc in Mathematics, 7/10
SIITGOA008B	Simulation of flow over porous media using COMSOL	sudhakar@iitgoa.ac.in	Bachelors in Mechanical Engineering or Allied branches
SIITGOA009B	High performance computing	sudhakar@iitgoa.ac.in	Bachelors in Mechanical Engineering or Allied branches
SIITGOA010B	Implementation of the micromagnetic simulation platform for the skyrmion, knowledge of electronic structure of solids, condensed matter physics	sudipta@iitgoa.ac.in	BS/MS in Physics Major, Proir knowledge of Quantum Condensed Matter Physics
SIITGOA011B	Stock Price Prediction and Trading Simulation	sujit@iitgoa.ac.in	Bachelors degree with CGPA 8 or above
SIITGOA012B	Running all of my published codes and translating to python, also organising my web page.	sujit@iitgoa.ac.in	Bachelors degree with CGPA 8 or above
SIITGOA013B	The project is on climate change risk and monetary policy. The students are expected to have a background in economics and econometrics with exposure to programming languages like R	sunil@iitgoa.ac.in	Economics, CGPA 6 and above
SIITGOA014B	Inductive power transfer systems for EV charging applications	sheron@iitgoa.ac.in	B.Tech in EE/EC/IN, with CGPA 7.5, preferably 3rd year students with knowledge of microcontroller programming, mathematical modelling and simulation
SIITGOA015B	Development of sensor circuits and control algorithms for MMC inverter systems	sheron@iitgoa.ac.in	B.Tech in EE/EC/IN, with CGPA 7.5, preferably 3rd year students with knowledge of Power Electronics converter simulation in Simulink OR driver circuit and PCB design for Power circuits.