

| Job ID | Nature of Work | Contact (for further details on the position) | Qualification/Skills expected |
|-------------|---|---|--|
| SIITGOA001A | Evaluating spell checkers and grammar correcting tools using the framework we have developed. | amal@iitgoa.ac.in | Pursuing bachelor's degree in CS or equivalent with CGPA above 7 |
| SIITGOA002A | The study will be an experimental and analytical work focused on green fuels for marine applications. The intern will have to conduct experiments and process the data. | anirudha@iitgoa.ac.in | Academical excellence with passion for Mechanical engineering, lab experience and knowledge of image processing, matlab, and spreadsheets. |
| SIITGOA003A | Non Thermal Plasma Application in Agriculture | apeksha@iitgoa.ac.in | BTech in Electrical (2nd/3rd year) |
| SIITGOA004A | Gaseous Sensor design and fabrication for pollution monitoring | apeksha@iitgoa.ac.in | BTech in Electrical (2nd/3rd year) |
| SIITGOA005A | Drag reduction and drag measurement on underwater surfaces, synthesis and testing of drag-reducing surfaces using a rheometer and a custom-made experimental setup. Design, fabrication, and data analysis. | arindam@iitgoa.ac.in | Pursuing bachelor's degree with CGPA 7.5 with interest in relevant stream |
| SIITGOA006A | Synthesis of optically transparent dust phobic nanoparticle coatings using laser sintering (Solar and renewable energy), experiments, and data analysis. | arindam@iitgoa.ac.in | Pursuing bachelor's degree with CGPA 7.5 with interest in relevant stream |
| SIITGOA007A | Development of ceramic-based superhydrophobic anti-biofouling coatings, experiments, characterization, etc. | arindam@iitgoa.ac.in | Pursuing bachelor's degree with CGPA 7.5 with interest in relevant stream |
| SIITGOA008A | Hydrate adhesion on solid engineered surfaces (Energy and Sustainability), experiments, and data analysis. | arindam@iitgoa.ac.in | Pursuing bachelor's degree with CGPA 7.5 with interest in relevant stream |
| SIITGOA009A | Implementation of miniaturized interfacing circuit for biosensors which has a societal demand. The project will be executed in offline mode and physical circuit board will be the deliverables. | bidhan@iitgoa.ac.in | UG(2nd year onwards)/7.5 CGPA and above/ECE, Instrumentation, EE/Physical Sciences/Bioscience and engineering |
| SIITGOA010A | Development of APIs for Bioinformatic Analysis of Genomes. With the advent of modern genomic analysis tools, large datasets are publicly available for analysis. The goal of this short term internship will be to develop a program to perform gene-neighborhood analysis for the protein of interest. | nipa@iitgoa.ac.in | Pursuing bachelor's degree with interest in coding and biology will be advantageous |
| SIITGOA011A | Mechanics of Marine Composites: The project is aimed to study properties of composites in Marine environment, especially on the role of marine environment of property degradation, damage and failure mechanisms through micromechanical analysis using Finite Element Analysis (FEA). | sandip@iitgoa.ac.in | Pursuing BE/BTech in Mechanical or allied subjects with background and interest in Mechanics of Materials, Finite Element Analysis |
| SIITGOA012A | Computer Animation for Conducting Driving Skills Test | sharad@iitgoa.ac.in | CGPA above 7.5; experience in Python or C/C++ programming, Exposure to PyGame or similar open source game engines |
| SIITGOA013A | Micro-robotics with application to manipulation of marine micro-organisms for mechanical characterisation. Students with experience in either design or cell culture is preferred | sreenath@iitgoa.ac.in | Pursuing bachelors in mechanical or allied topics/biotechnology/biology |
| SIITGOA014A | species identification using computer vision | shitala@iitgoa.ac.in | Bachelors degree with CGPA 7.5 and knowledge of deep learning |
| SIITGOA015A | 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. |