

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: **"Molecular insight in to Staphylococcal Chromosomal Cassette mec (SCCmec): Using an epidemiological marker for molecular diagnostics"** for a period of 3 Year 0 Month at a total cost of Rs. **3129600** (Rupees Thirty One Lakhs Twenty Nine Thousand Six Hundred Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "Molecular insight in to Staphylococcal Chromosomal Cassette mec (SCCmec): Using an epidemiological marker for molecular diagnostics"

**2.2 Details of the Investigators:**

**Dr. Amitabha Bhattacharjee**  
Assistant Professor  
Microbiology  
Assam (Central) University, Silchar  
Department of Microbiology,  
Silchar, Assam, 788011

**CO-PI:**

**Prof. Piyush Pandey**  
Professor  
Microbiology  
Assam (Central) University, Silchar  
Department of Microbiology, Assam University,  
Silchar- 788011, Assam

**2.3 Objectives:**

1. Phenotypic and genotypic characterization of methicillin resistant Staphylococcus aureus from clinical, food and environmental sources
2. Analysis and typing of SCCmec cassettes and optimization of a molecular marker
3. Expression analysis of alpha-phenol-soluble modulins psm - mec and correlation with virulence determinants
4. Epidemiological diversity profiling of MRSA/VRSA of the study area

**2.4 Time Schedule:**

The duration of the project is 3 Year 0 Month from the date of this sanction order.