Brief summary of Research areas of SAC ISRO (A detailed area wise description is present in the accompanying document).

SATCOM and Navigation payload: System Engineering, Atomic Clock Navigation related Technology, Optical communication technology, electronic power conditions, Amplifier Technology, Receivers & local Oscillator Technologies

SATCOM AND SATNAV APPLICATIONS & ASSOCIATED TECHNOLOGIES GNSS Anti Spoofing Algorithms and Anti-Jamming Techniques, GNSS receiver, Differential NavIC Algorithm and technique

ANTENNA, Microwave sensors,

REMOTE SENSING-SENSOR TECHNOLOGY: EO sensors

EARTH, OCEAN, ATMOSPHERE, PLANETARY SCIENCES AND APPLICATIONS Atmospheric Science, Physical oceanography, Geosciences, planetary science Environmental Sciences, Marine Biology and ecosystems, Agriculture and Land-ecosystem Studies, Land Hydrology and Modeling, Visualization of Earth Data & Archival System (VEDAS), Urban Studies, Geospatial Data,

SIGNAL AND IMAGE PROCESSING

ELECTRONIC SUPPORT SERVICE, Microelectronics, Environmental Test Technology

Mechanical Engineering systems, Material characterization, software engineering, Systems reliability

Management, Social impact assessment, Natural resources, forest resources, Human resource development: online courses