

**Brief Report on the visit of Prof. Parthasarathy, Senior Scientist, INSA & Adjunct Prof.@Crescent**

**Date: 13<sup>th</sup> September 2019, Time: 10.00 – 15.00**

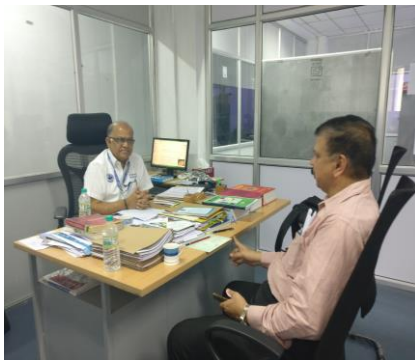
**Objective of the visit: To promote sponsored projects, research, consultancy and training.**

**About the Guest:**

Prof. G. Parthasarathy working now at the Indian Institute of Science, Bangalore, His significant contributions in mineral physics includes, the first simultaneous high-pressure and high-temperature experimental study on equation of state of Wadsleyite, the dominant silicate mineral in the transition zone of the Earth's mantle. He has been investigating high-pressure high-temperature electrical behaviour of nano-crystalline titanium based oxide minerals like ilmenite, geikielite, and other Ti-based oxide minerals that are relevant to Lunar Mineralogy, and He exploration in Lunar regolith. More details can be found in <http://insaindia.res.in/detail/P13-1621>.

**Brief Report**

Based on Crescent invitation, Prof. G. Parthasarathy, Senior Scientist, INSA, visited us and interacted with ECE, PHYSICS, CHEMISTRY and LIFE SCIENCE department senior faculty members to promote sponsored projects in our institute. Dr. E. Manikandan, Dr. B. Vijayalakshmi, Dr. S. Sathish Prabhu, Dr. A. Ambika, Dr. Muthukrishnan, Dr. G. Kannan, Dr. G. Anuradha, Dr. S.P. Valli, Dr. U. Sabura Banu and Dr. Parnasree Chakraborty from ECE department, Dr. Noor Aman Ahar Mundari, Dr. G. Bhagavathy, Dr. A. Shajahan from chemistry department, Dr. V. Mahalingam, Prof. G.V. Vijayaraghavan, Dr. Sathik Basha, Dr. I.B. Shameem Banu and Dr. M. Vijayajyanthi from physics department, Dr. S. Hemalatha, Dean, SLS have interacted and shared their research experience. Prof. Parthasarathy has appreciated the quality research being carried out by our institute. He suggested that apart from DST, there is a large opportunity for funding from other reputed agencies such as LIGO (Laser Interferometer Gravitational Wave Observatory), Future Earth international project, SWISS –NEX. They are giving large funding for quality projects. He further offered to provide assistance to improve the quality of the projects as per our need. After looking at the facilities of Life Science department, he suggested to explore the possibility of analyzing the rock samples of extra-terrestrial objects for microbial content. This may open up large opportunities for Crescent.



**Interaction at ESPAC with Prof .T. Harinayanan**



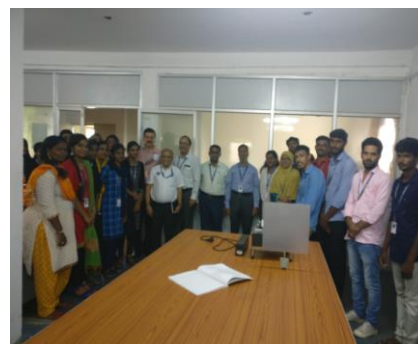
**Interaction at ECE department**



**Interaction at Chemistry department**



**Interaction with senior faculty of Physics department**



**Interaction and discussion with Research students of Physics department**