

***3.3.1 Institution has created an eco-system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.***

The College provides a conducive environment for the promotion of innovations and incubation. Guidance and the required facilities are extended to induce the students to come out with technological innovations that may fulfil the needs of the society. Workshops, Seminars and Guest Lectures are arranged on research methodology to divert the career of the students toward research. Exhibitions are organised to identify the internal areas of the students in research. Students of final year UG and final year PG are assigned project works so as to involve them in the preliminary level of research. Industrial visits are arranged to tune the interest of the students in the field of research. The Community College and Department of Zoology conduct a Hands on Training to village people on Bee Keeping and Mushroom Cultivation, sharing their technical knowledge. The Centre for Entrepreneurship and Rural Development transfers tailoring skills to the selected members of local community. UGC Sponsored Diploma Courses NSQF are conducted by the college to the people of local community irrespective of age, gender and economic status.

The college provides research base, by inviting the students of nearby schools for Lab Tour. With a view to produce Young Scientists, the college in collaboration with Tamil Nadu State Council for Science and Technology twice conducted Young Students Scientist Programme (YSSP) involving school students, living nearby villages

A faculty from the department of Zoology through his research, has come out with a finding which is first of its kind in the world, on mosquito anatomy in the field of Molecular Biology. According to his findings, **ZAP-70 Protein** is originated in the mosquito cytoplasm

cells and further the HIP-55 of a mosquito is almost 70% to 80% similar to Human body. The innovation has been acknowledged and recognised by the international science magazine named 'Springer Parasitology Research'. It is confirmed that the innovation will be a key to the scientists who have been working on spread of mosquito based diseases in field of Molecular Biology.

Another faculty from the Department of Computer Science has invented a 'Water Alarm Indicator'. It can be fixed in the municipal water tap in houses so that it produces alarm whenever the water comes from the municipal tap. This alarm helps people to collect water from tap in time. Another purpose is the device which can be fixed in overhead water tanks and it will produce alarm whenever the tanks are overflowed with water. Such an innovation as a little stimulus has been useful in the present global scenario to save water in the Water Management System of the houses, institutions, hostels, hospitals, offices and Industries.

The college is also offering incubation facility to the local community people who are in need of infrastructural facilities to establish their business. As a result, they have earned their livelihood and they have developed their economic status with the hope of future expansion of their business.