

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Over the years, the college has created an ecosystem which focuses on research and initiatives at the undergraduate and postgraduate levels.

- **DST FIST and DBT STAR college Grant:** The college received the Department of Science and Technology - FIST grant of Rs. 110 Lakh. It also received 47 Lakh from the Department of Biotechnology as part of the STAR College grant. A Central Laboratory facility has been established where equipment like High Pressure Liquid Chromatography (HPLC), refrigerated centrifuge, tintometer and spray drier have been set up to enable students studying Food and Nutrition, Food Technology, Microbiology, Biochemistry. In addition, an E-learning room with digital podium and screening facilities was established.
- **Research Projects, Publications, Dissertations and PhDs:** During 2016-2021, faculty received research funds amounting to Rs 801.05 lakh from various organisations to carry out research on a wide range of areas like climate change, poverty, gender, management of non-communicable diseases, child feeding, adolescent health etc . 192 high quality papers were published by faculty members and researchers in indexed journals. 20 books, 52 book chapters and 45 papers in conference proceedings were authored by the faculty and researchers at IHE. 31 research scholars were registered under the supervision of faculty. 15 candidates received their doctoral degree. 170 postgraduate students of the Food and Nutrition and Fabric Apparel Science undertook a year long Dissertation and were taught the basics of research, statistics, referencing, plagiarism and ethics in research. The college has an 'Institutional Ethics Committee' formulated on the ICMR guidelines. It follows the stipulated protocol for providing ethics clearance before any research is undertaken. A course on statistical capacity building was conducted by the faculty from Medical Statistics, London School of Hygiene and Tropical Medicine under the aegis of UKERI grant. Prof Rosalind Gibson from University of Otago took a one-day workshop on methods of dietary assessment for the researchers and several other workshops on research methodology are regularly conducted.
- **Collaborations and internships:** IHE collaborated with various organisations to organise internships, interactive sessions, workshops and seminars. Students of M.Sc. Food Nutrition and Fabric and Apparel Science completed 6 week internships at various organisations. Diploma and Dietetics and Public Health Nutrition students undertook 3 month internships in the Dietetics Departments of different hospitals. Journalism students interned at media houses, publishers, advertising firms and NGOs. Elementary education students undertook internships at government-run schools for six months. Field trips were organised for students to rural centers of innovations in education, including OELP, Eklavya and Digantar. Collaborations with London School of Hygiene and Tropical Hygiene, St John's University, MRC, UK continued in the last quinquennial.
- **MoU's** signed with the Indira Gandhi National Open University and School of Open Learning (University of Delhi) for contact classes of various courses to continue. The college provides a viable platform for these students to interact with faculty and augment their learning process.
- During Covid-19 lockdown, the 'class goes google' was deployed effectively. Faculty members were trained and deliberate efforts were made to continue the teaching-learning process.