

## **RESEARCH ACTIVITIES AND SUPPORT**

### **Incentives for Research:**

Holy Cross College recognizes the pivotal role of incentives in catalyzing research endeavors. The institution offers various incentives, including seed grants, to encourage faculty and scholars to embark on innovative research projects. The Dr. Sr. Dona Award for Best Researcher serves as a prestigious recognition, honoring outstanding contributions in both arts and science streams. Additionally, faculty members receive accolades and cash awards for achievements such as obtaining patents, securing major and minor projects, publishing books, guiding PhD scholars, and garnering national or international recognition for their research endeavors.

### **Consultancies, Collaborations, & MOUs:**

Holy Cross College actively engages in consultancy services, leveraging the expertise of its faculty to address challenges across various sectors. Through collaborations and Memorandums of Understanding (MOUs) with educational institutions, industries, corporates, and social organizations, the college facilitates knowledge exchange and societal impact. Consultancy services span diverse domains, including rural development, socio-economic initiatives, gender studies, human resources, and academic training.

### **Publications – Papers & Books:**

The institution takes pride in its remarkable progress in research publications, evidenced by the increasing quantity and quality of papers and books produced by its faculty and scholars. Holy Cross College encourages a culture of scholarly dissemination, promoting the dissemination of research findings through peer-reviewed journals and academic publications.

### **Best Practices:**

***Synergy Research:*** Holy Cross College promotes collaborative research through synergy groups comprising faculty members from different departments. These groups work cohesively to produce research-based papers for publication in renowned journals, enhancing the visibility and impact of the institution's research output.

***Research Mentors:*** Recognizing the importance of mentorship in nurturing research talent, the college appoints senior faculty members as research mentors. These mentors provide guidance and support to junior faculty members, aiding them in various aspects of the research process, including proposal development, publication strategies, and intellectual property rights.

***Capacity Building of Young Talent in Trans disciplinary Research:*** Through initiatives like the IIC-STRIDE project, Holy Cross College emphasizes the importance of Trans disciplinary research for sustainable societal development. The institution conducts training programs and workshops aimed at building the research capacity of young scholars, fostering innovation, and entrepreneurship.

***QUEST:*** Holy Cross College organizes the QUEST initiative to promote active research engagement among faculty and research scholars. Through online capacity-building workshops

and training sessions, participants gain insights into research writing and publication strategies, enhancing the quality and quantity of research publications emanating from the institution.

### ***Crossian Institute for Collaborative Research and Sustainable Development (CICRSD)”***

The “Crossian Institute for Collaborative Research and Sustainable Development (CICRSD)” has been established with a mission of promoting inter-disciplinary and innovative research. CICRSD aims to enhance the global, societal and economic impact through quality research. Through CICRSD we collaborate with experts, plan and organize joint events, workshops and training to enhance networking and engage collaborative activities and share innovative practices.

***Lab to Land Research:*** To promote higher level of innovative and entrepreneurial research, the Science Departments collaborate to preserve endangered medicinal plants through the Lab to Land Research concept. A Transdisciplinary Research is carried out in the field by the Science Departments.

***HCC-IIC*** Incubation and Innovation Cell (IIC) – (Through Ministry of Human Resources Development, Government of India (MHRD) ) was established in 2018 with an objective of nurturing entrepreneurial skills and producing entrepreneurs. IIC conducts and encourages participation hackathons that provide a platform for students and scholars to exhibit their innovative ideas and exclusive talents.

### **RESEARCH FACILITIES**

Realizing the impetus of Research and keeping in flow with the current need of higher education, Holy Cross College has initiated and created an ambience facilitating quality research output through an eco- system for innovations. The College has taken initiatives to create an eco-system for innovations and transfer of knowledge through the Center for Research and Development (CRD) which acts as driving force for a paradigm shift of basic research into innovative applied research and transfer of knowledge. Research endeavors are promoted and facilitated by special Centre’s and facilities namely.

1. .Central Instrumentation Centre
2. Animal House/Green House / Museum
3. Central Fabrication facility
4. .Media laboratory/Business Lab/Studios
6. Research / Statistical Databases

To kindle their thirst for innovation and incubation the following centers were initiated –

- Center for Academic Industry Interface,
- Entrepreneurial Development Cell
- History Museum
- Language Laboratory,

- Communication Laboratory,
- Holy Cross FM Community Radio
- Speech Therapy Clinic,
- Holy Cross Medical Laboratory,
- Rainbow Therapeutic Centre,
- Centre For Computer Graphics,
- Youth4Jobs and
- Thaaai Suvai

This will accelerate their ideas into full-fledged startups