



ST. IGNATIUS COLLEGE OF EDUCATION (AUTONOMOUS)
Accredited by NAAC at Grade A+ with CGPA 3.42 (Third Cycle)
(Affiliated to Tamil Nadu Teachers Education University, Chennai)
Palayamkottai – 627 002

Research and Development Cell (including Research and Consultancy Projects, Foreign Collaboration Industry Collaborations)

The Research and Development Cell (RDC) plays a pivotal role in fostering an institution & culture of innovation, inquiry, and academic excellence. It serves as a hub for promoting research activities among faculty and students, encouraging the exploration of new ideas, and contributing to knowledge creation.

Objectives

- To create a conducive environment for promoting Research & Innovation activities in the institute.
- To encourage faculty members to apply for Major and Minor Research Projects.
- To develop research and scientific temper among students and staff.
- To conduct research methodology/ project writing workshops and activities.
- To motivate faculty to take up minor research projects.
- To update the staff members about seminars workshops and grants
- To motivate students to take up Research-based projects.
- To organize an Annual Research Project Presentation Programme for students from all stream
- To encourage students' participation in state-level research project exhibition
- To encourage faculty to pursue Ph.D programme
- To publish in-house supported Research Project
- To publish research activities of the centre through INIGO EDU RESEARCH a research journal in education with ISSN 2278-6899

- To generate innovative ideas and solutions to the academic and societal problems.
- To identify potential collaborators from industry, research organizations, academic institutions & other stakeholder for cooperation and synergic partnerships and dissemination of research outcomes.
- To create awareness about filling patents & IPR
- To conduct workshops on need and skill-based training specifically for the Ph.D scholars to help them obtain the necessary skills in conducting research.

Functions

- To encourage faculty members to prepare research proposals and publications in reputed journals and conferences.
- To initiate and promote MOU with Educational organizations.
- To arrange talks and interactions with eminent personalities from reputed institutions to understand better research methodology and practices currently followed.
- To suggest peer-reviewed national and international journals for subscription in the library.
- To encourage students and faculty to apply for a patent or other Intellectual Property Rights.
- To conduct national conferences/seminars/symposiums/workshops etc.
- To allocate a budget for conducting workshops, training programs, seminars, conferences, and Faculty Development Program for the staff who attend workshops, conferences, and paper presentations outside the institute.
- To motivate students and faculty to present technical papers/projects at national/International conferences.

Composition of Research and Development Cell

S.No	Name of the Members	Category
1	Rev. Dr. L. Vasanthi Medona Principal	Chairperson
2	Dr. M. Maria Saroja Research Director, IQAC Coordinator & Associate Professor of Biological Science	Secretary
3	Dr. N. Theresita Shanthi Assistant Professor of Physical Science	Member
4	Dr. A. Jeya Sudha Vice Principal & Assistant Professor of History	Member
5	Dr. J. Maria Prema Assistant Professor of Education	Member
6	Rev. Sr.L. Arul Suganthi Agnes Assistant Professor in Education	Member
7	Ms. E. Michael Jeya Priya Assistant Professor of Perspectives in Education	Member
8	Ms. V. Ajish Thanga Monica Office Assistant –IQAC Office	Administrative Staff
9	Ms. A. Vinothini Sylvia	Ph.D Research Scholar
10	Ms. C. Sofia Selvarani	Ph.D Research Scholar

Research Activities of Our College

- Organizing National and International Webinars Seminars/workshops/conferences/Invited Talks/Symposiums on significant themes and vital issues
- Implementing new Strategies for the transfer of knowledge
- Implementing Research Policy
- Organizing the Student Enrichment Programme
- Granting Seed money for undertaking minor research projects
- Organizing Student Exchange Programme
- Promoting research skills
- Conducting Faculty Development Programme
- Submitting proposals for Minor and Major projects to obtain financial support from various funding agencies
- Undertaking area study programme
- Signing more MoUs and establishing linkages to carry out curricular, research, and professional activities based on reciprocity and mutual interest between our colleges and other educational institutions/non-governmental organizations.
- Undertaking Institutional Funded project
- Supporting faculty members to publish books and chapters in edited books and papers in National/International Conference Proceedings
- Granting award of incentives for publications
- Conducting research based on prevailing issues of downtrodden people/vulnerable communities
- Organizing training programmes or online workshops for developing entrepreneurial skills among students
- Conducting action research & Case-Study during the internship

- Conducting seminars and workshops related to Entrepreneur skill development
- Facilitating the filing of patents, copyrights, and other forms of intellectual property
- Encouraging faculty members to publish books and chapters in edited books and papers in National/International Conference Proceedings
- Undertaking innovative try-out/research
- Encouraging faculty members to improve their research aptitude through the publication of research articles in Scopus and UGC-referred journals.
- Organizing seminars, workshops, Brainstorming, and Think Tank sessions related to research methodology

Providing Seed Money for Research projects

- The Research Policy of the college aims to create, inspire, guide, and support a research culture among its staff and students to enrich and enhance the professional competency of the faculty members for developing and promoting scientific temper and research aptitudes.
- The Research Policy provides a huge broad framework to promote the research bent of mind in the teachers.
- The policy on incentives and awards for research and publication of St. Ignatius College of Education is designed to stimulate competitive research in strategic areas of national importance to promote an innovative product, and or to facilitate the start of research programs.
- The research policy supports providing seed money for faculties to carry out short-term minor research projects.
- The Institution sanctioned seed money for the Minor Research Project on **“Awareness on Detrimental Effects of Single-use Plastics among College Students in Tirunelveli District”** which has been successfully

completed."

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona
- ❖ Dr. M. Maria Saroja
- ❖ Mrs. E. Michael Jeya Priya

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Awareness%20on%20detrimental%20effects%20of%20Single-use%20Plastics%20among%20College%20Students%20in%20Tirunelveli%20District.pdf>

- The Institution sanctioned seed money for the Minor Research Project on **‘Awareness of Constitutional Values Education among Prospective Teachers,’** which has been successfully completed."

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona
- ❖ Dr. M. Maria Saroja
- ❖ Dr. R. Indra Mary Ezhilselvi
- ❖ Mrs. E. Michael Jeya Priya

The detailed information can be viewed through the following link:

[https://ignatiuscollegeofeducation.com/pdf/Research/book published/Awareness%20on%20Constitutional%20Values.pdf](https://ignatiuscollegeofeducation.com/pdf/Research/book%20published/Awareness%20on%20Constitutional%20Values.pdf)

- The Institution sanctioned seed money for the Minor Research Project on **“Psycho Social Well-being of Women Beedi Rollers in Tenkasi District”** which has been successfully completed.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona
- ❖ Dr. J. Maria Prema
- ❖ Dr. A. Jeya Sudha

The detailed information can be viewed through the following link:

https://ignatiuscollegeofeducation.com/pdf/Research/book_published/Psycho%20Social%20Wellbeing.pdf

- The Institution sanctioned seed money for the Minor Research Project on **“A Study of Holistic Well-Being among Rural Women in Tirunelveli District”** which has been successfully completed.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona
- ❖ Dr. S. Josephine
- ❖ Dr. P. Johncy Rose
- ❖ Dr. V. Lavanya
- ❖ Mrs. M. Ponmalar

The detailed information can be viewed through the following link:

https://ignatiuscollegeofeducation.com/pdf/Research/book_published/Psycho%20Social%20Wellbeing.pdf

- The Institution sanctioned seed money for the Minor Research Project on **“Effectiveness of K-VAN Software Applications to Enhance English Language Vocabulary Learning”** which has been successfully completed.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona
- ❖ Dr. E. C. Punitha
- ❖ Mrs. R. Bhuvaneswari

The detailed information can be viewed through the following link:

https://ignatiuscollegeofeducation.com/pdf/Research/book_published/innovation%20try%20out%20K-VAN.pdf

- The Institution sanctioned seed money for the Minor Research Project on **“Enhancing Reading, Writing, Arithmetic Skills and Basic Knowledge**

Among Adults in Tirunelveli District” which has been successfully completed.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona ICM,
- ❖ Dr. J. Maria Prema,
- ❖ Dr. P. Johncy Rose,
- ❖ Dr. V. Lavanya

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Enhancing%20Reading%20Writing%20Arithmetic%20Skills.pdf>

- The Institution sanctioned seed money for the Minor Research Project on **“Attitude of School Teachers in Radhapuram Assembly Constituency Towards Technology Integration in Curricular Transaction”** which has been successfully completed.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona
- ❖ Dr. M. Maria Saroja
- ❖ Mrs. E. Micheal Jeya Priya
- ❖ Mrs. C. Deepa

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Attitude%20of%20School%20Teachers%20in%20Radhapuram%20Assembly.pdf>

Completed Consultancy Projects

The institution is very keen on promoting a research-bent of mind in the teacher educators by creating a passion for research. Faculty members are encouraged to undertake socially relevant innovative research. The faculty members have

completed socially innovative research projects namely.

The faculty members have received grants for research projects from various non-governmental agencies

- A Minor Research Project entitled **“Socio-Cultural Awareness of Gypsies - An Analytical Study”** funded by The Council of the I.C.M. Educational Institutions.

Investigated by

- ❖ Dr. R. Indra Mary Ezhilselvi,
- ❖ Dr. J. Maria Prema,
- ❖ Dr. A. Jeya Sudha,
- ❖ Dr. S. Josephine,
- ❖ Dr. M. Maria Saroja

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Socio%20Cultural%20awareness%20of%20Gypsies%20An%20Analytical%20Study.pdf>

- A Minor Research Project entitled **“Challenges Faced by Prospective Teachers During Online Teaching Practice”** Funded by Sriram Traders Thoothukudi.

Investigated by

- ❖ Dr. J. Maria Saroja,
- ❖ Mrs. A. Vinothini Sylvia

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Challenges%20faced%20by%20Prospective%20Teachers%20during%20Online%20Teaching%20Practice.pdf>

- A Minor Research Project entitled **“Explanatory Analysis of Life Style of Arunthathiyar Community in Tirunelveli District”** funded by The Council of the I.C.M. Educational Institutions.

Investigated by

- ❖ Rev. Dr. L.Vasanthi Medona,
- ❖ Dr. J. Maria Prema
- ❖ Dr. P. Johncy Rose
- ❖ Dr. M. Maria Saroja

The detailed information can be viewed through the following link:

https://ignatiuscollegeofeducation.com/pdf/Research/book_published/Explanatory%20Analysis.pdf

- A minor research project entitled **“Awareness on E-Waste Management among College Students in Tirunelveli District”** funded by The Council of the ICM Educational Institutions.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona ICM,
- ❖ Dr. M. Maria Saroja,
- ❖ Mrs. E.Michael Jeya Priya.

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Awareness%20on%20E-waste%20Management.pdf>

- A minor research project entitled **“Effectiveness of Technology Integration in Curricular Transaction on Academic Success of School Students in Radhapuram Assembly Constituency”** funded by The Honourable Speaker, Thiru M. Appavu, Tamil Nadu Legislative Assembly

Investigated by

- ❖ Dr.L.Vasanthi Medona,
- ❖ Dr. M. Maria Saroja,
- ❖ Mrs. E.Michael Jeya Priya,
- ❖ Mrs.C.Deepa.

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Effectiveness%20of%20Technology.pdf>

- A minor research project entitled **“An Interventional Study on Effects of Mobile Screen Usage on Digital Eye Strain and Insomnia Among Prospective Teachers”** funded by The Brothers Educational Union, Palayamkottai.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona,
- ❖ Dr. E. C. Punitha,
- ❖ Ms. R. Bhuvaneswari,
- ❖ Ms. M. Ponmalar

The detailed information can be viewed through the following link:

https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Effect_mobile_screen.pdf

- A minor research project entitled **“Impact of Digital Literacy on Learning Skills of Rural School Students”** funded by Tiffy Tess Nursery / Primary School, Tuticorin, CSI Jeyaraj Annapackiam Hospital, Palayamkottai.

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona,
- ❖ Dr. N. Theresita Shanthi,
- ❖ Dr. G. Esther Maragathamani,
- ❖ Ms. D. Chandra Prabha,
- ❖ Ms. V. Thangapushbam

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Impact%20of%20Digital%20Literacy.pdf>

- A minor research project entitled **“Educational and Social Challenges of Transgender in Tirunelveli District”** funded by Global Software Solution, Tirunelveli.

Investigated by

- ❖ Dr. L. Vasanthi Medona,
- ❖ Dr. A. Jeya Sudha,
- ❖ Dr. M. Gnana Kamali,
- ❖ Dr. T. Jeya Selva Kumari

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/Transgender%20Project.pdf>

- A minor research project entitled **“The Effect of Upcycling Wood Training Programme on Creativity, Skills, and Psychological Empowerment of Rural Women”** funded by Rajan Aqua farm, Thoothukudi

Investigated by

- ❖ Rev. Dr. L. Vasanthi Medona,
- ❖ Dr. S. Josephine,
- ❖ Ms. J. Rawoofu Nisha,
- ❖ Ms. S. Arockia Reena

The detailed information can be viewed through the following link:

<https://ignatiuscollegeofeducation.com/pdf/Research/Research%20Project/The%20Effect%20of%20Upcycling%20Wood%20Training.pdf>

Foreign Collaboration

- ✓ An International Seminar on “**Educating Individuals with Special Needs Towards Integrated Life-Realising the Goal of Educational Equity** (Hybrid Mode) in collaboration with the **Association of Parents with Differently-abled Children Ulaanbaatar, Mongolia** on 15th December 2023. Ms. Sambuu Selenge, Executive Director of the Association of Parents with Differently-abled Children, Ulaanbaatar, Mongolia served as the resource person.

- ✓ An International Conference on “**Sustainable Natural Resource Management: Global Perspectives and Contextualized Action**” in collaboration with The Rise, was organized on 10th March 2023. Mrs. Preetha, Director, **Nanban ESG Solutions, United States of America** served as the resource person.

- ✓ An International Conference on “**Transformative Pathways in Higher Education: Andragogy in Futuristic Perspective**” was organized on 26th October 2022. Dr. Vinnaras Nithyanantham, General Education Department College of Education and Languages, **Lebanese French University, Kurdistan, Iraq** served as the resource person.

- ✓ An International Webinar on “**Advancing Gender Equity: A Necessity to Eradicate Gender Discrimination**” in collaboration with Sakthi Folk Cultural Center, Dindigul was organized on March 24th, 2022. Rev. Sr. Lucilla A. Munchi, Project Coordinator, **Rainbow Center for Mentally and Physically Challenged, Mongolia** served as the resource person.

- ✓ An International Webinar on “**Education Making a Difference in this Pandemic Era**” was organized on 24th January 2022. Mr. Deek Parassini,

Founder-LIAP Foundation, Positive Influencer, and **Regional Sales Manager-Middle East & South Asia**, served as the resource person.

- ✓ An International Webinar on “**Positive Mental Health**” was organized on 30th November 2021. Mr. Matt Perelstein, Co-founder & CEO, EQ4Peace Worldwide, Inc- California, USA, and Dr. Anto Rajamani, Clinical Associate Professor and Academic Training Programme Director for Psychiatry, Institute of Mental Health, **University of Nottingham, United Kingdom** served as the resource persons.
- ✓ An International Webinar on “**Turning Challenges into Opportunities in Mathematics Classrooms through Action Research**” was organized on 29th October 2021. Dr. Priyadarshin Muthu Krishnan, Senior Lecturer, Department of Education, Faculty of Behavioural Sciences, Education and Languages, **HELP University, Malaysia**, served as the resource person.
- ✓ An International Webinar on “**Emerging Trends in Educational Research**” in collaboration with Seshasayee Paper and Boards Limited, Tirunelveli was organized on 17th & 18th June 2021. Dr. Mahsa Moshfeghyan, Salahaddin University, Language Centre - Ebril, Iraq served as the resource person.
- ✓ An International Webinar on “**Digital Methodology in Teaching of English**” was organized on 26th March 2021. Ms. J. Jelitha Rose, English Coordinator, **Global Indian International School, Abu Dhabi**, and Dr. Russel Thakkaolkaran, Department of English, **Model School, Abu Dhabi** served as the resource persons.

Industry Collaboration

- ❖ National Seminar on **Moving Towards Plastic Free Future** in collaboration with Seshasayee Papers and Boards Limited, Tirunelveli was organized on 26th March 2019.
- ❖ A minor research project entitled “**Educational and Social Challenges of Transgender in Tirunelveli District**” funded by Global Software Solution, Tirunelveli.


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