



St. Joseph College of Teacher Education for Women Ernakulam



Criterion III- Research and Outreach Activities

**3.1.4. Institution has created an eco-system for innovations and other initiatives for creation and transfer of knowledge-
Reports of Innovations Tried out and Ideas Incubated**

Submitted to

**National Assessment and Accreditation Council (NAAC)
3rd Cycle of Assessment**



ST. JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN ERNAKULAM
KOCHI-682035, KERALA

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ST. JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

KOVILVATTOM ROAD, ERNAKULAM, KOCHI, PIN - 682 035, KERALA, S. INDIA

(Affiliated to Mahatma Gandhi University, Kottayam)

Recognised by NCTE

DECLARATION

Participative Efforts to Identify Innovations has been done in the following ways

Development of Novel Learning Packages and Modules: Faculty members, UG and PG students are encouraged to design novel learning packages and modules that cater to diverse learning styles and needs, ensuring a holistic and engaging educational experience.

Development of Innovative Tools and Techniques: Our institution has actively promoted the creation of innovative tools and techniques to enhance the teaching learning and research process. This includes the development of unique teaching aids, interactive learning materials, and advanced technology integration in the classroom. Our institution is dedicated to advancing both research and education by actively promoting the creation of innovative tools and techniques. This commitment extends to various aspects, including enhancing the teaching and learning process, supporting undergraduate (UG) and postgraduate (PG) research projects, and facilitating data collection and analysis for educational research.

Development of Innovative Charts: Visual aids are a crucial component of effective teaching. Our college has invested in the creation of innovative charts by the B.Ed. Student teachers under the guidance of their mentors

Development of Improvised Teaching-Learning Aids: The institution supports the development of improvised teaching aids that enhance the effectiveness of classroom instruction.

Development of Self-Learning Materials: Self-paced learning is encouraged through the development of self-learning materials, Programmed Learning Materials, including branched programming techniques enabling students to take control of their educational journey.

Development of Drama Scripts for Learning: Utilizing creative methods like drama scripts, we train student teachers in active learning, making education enjoyable and memorable for the future generation.

Development of Documentaries and Short Films: Visual storytelling is a powerful tool for conveying knowledge. Our institution encourages the creation of documentaries and short films that explore various subjects in depth.

Development of Socially Useful Productive Work: Students are encouraged to apply their knowledge and skills to address real-world problems through socially useful productive work, promoting innovation with a social impact.

Developing Concept Maps: Concept maps are used to visualize and connect ideas, facilitating better understanding and knowledge retention.



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Encouragement of Novel Ideas are done in the following ways

Publication of Innovative Ideas: Students are provided with opportunities to publish their innovative ideas in college publications, such as EDUFOCUS and College Magazines, recognizing and promoting their creativity.

Action Research: Students are encouraged to undertake action research projects, empowering them to address real issues in their fields of study.



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DECLARATION

Official Approval and Support for Innovative Try-Outs are given in the following ways

Registration with YIP (Young Innovators Programme): Our institution is registered with the Young Innovators Programme approved by the Kerala Development and Innovation Strategic Council (K-DISC), promoting innovation at a state level.

Research Visibility: Faculty members are encouraged to increase their research visibility through platforms like VIDWAN, GOOGLE SCHOLAR, and other research profiles.

Support for Research and Innovation: Teachers are granted leave to focus on research and innovative projects, ensuring dedicated time for knowledge creation.

Recognition of Innovations and Research by the management through GURUSAPARYA:
The management acknowledges and appreciates teachers for their innovative contributions by awarding them with mementoes during the programme named GURUSAPARYA.



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Material and Procedural Supports are provided by the institution in the following ways

Funding for Innovative Ideas and Researches: To encourage innovative try-outs, the college provides seed money for doctoral studies, research publications, college owned journal publication, fund for research and development etc.

IT and Software Support: The college provides ICT lab facilities, IT support method labs cum classrooms, and Plagiarism Checker Softwares etc. to support students innovations and tryouts

Teacher Mentoring for Innovation: Teachers take various roles giving guidance to students innovative try outs related to pedagogic activities, UG project works, and PG projects.

Library Resources: The college provides access to extensive library resources, including a dedicated Reference Section and an e-journal section, supporting research and knowledge creation.



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Report Fostering an Innovative Ecosystem: A Report on Initiatives for Creation and Transfer of Knowledge

Executive Summary:

This report highlights the various initiatives and programs implemented by our institution to create an innovative ecosystem that fosters the generation and transfer of knowledge. These initiatives include participative efforts, encouragement of novel ideas, official approval and support for innovative try-outs, and material and procedural supports. Through these programmes, our college has successfully cultivated an environment that encourages innovation and knowledge sharing among students and faculty members.

Introduction:

Innovation is a cornerstone of progress and development in any educational institution. Our college recognizes the importance of nurturing an ecosystem that supports innovation, creativity, and the transfer of knowledge. To achieve this goal, we have implemented a range of programmes and activities designed to engage students and faculty in the process of innovation and knowledge creation.

I. Participative Efforts to Identify Innovations:

Development of Novel Learning Packages and Modules: Faculty members, UG and PG students are encouraged to design novel learning packages and modules that cater to diverse learning styles and needs, ensuring a holistic and engaging educational experience.

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Development of Innovative Tools and Techniques: Our institution has actively promoted the creation of innovative tools and techniques to enhance the teaching learning and research process. This includes the development of unique teaching aids, interactive learning materials, and advanced technology integration in the classroom. Our institution is dedicated to advancing both research and education by actively promoting the creation of innovative tools and techniques. This commitment extends to various aspects, including enhancing the teaching and learning process, supporting undergraduate (UG) and postgraduate (PG) research projects, and facilitating data collection and analysis for educational research.


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Development of Socially Useful Productive Work: Students are encouraged to apply their knowledge and skills to address real-world problems through socially useful productive work, promoting innovation with a social impact.

Developing Concept Maps: Concept maps are used to visualize and connect ideas, facilitating better understanding and knowledge retention

II. Encouragement of Novel Ideas:

Publication of Innovative Ideas: Students are provided with opportunities to publish their innovative ideas in college publications, such as EDUFOCUS and College Magazines, recognizing and promoting their creativity.

Action Research: Students are encouraged to undertake action research projects, empowering them to address real issues in their fields of study


III. Official Approval and Support for Innovative Try-Outs:

Registration with YIP (Young Innovators Programme): Our institution is registered with the Young Innovators Programme approved by the Kerala Development and Innovation Strategic Council (K-DISC), promoting innovation at a state level.

Research Visibility: Faculty members are encouraged to increase their research visibility through platforms like VIDWAN, GOOGLE SCHOLAR, and other research profiles.

Support for Research and Innovation: Teachers are granted leave to focus on research and innovative projects, ensuring dedicated time for knowledge creation.

Recognition through Gurusaparya: The management acknowledges and appreciates teachers for their innovative contributions by awarding them with mementoes during the programme named Gurusaparya.


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IV. Material and Procedural Supports:

Library Resources: The college provides access to extensive library resources, including a dedicated Reference Section and an e-journal section, supporting research and knowledge creation.

Research Funding: To encourage innovative try-outs, the college provides seed money for doctoral studies, research publications, college owned journal publication, fund for research and development etc.

IT and Software Support: The college provides ICT lab facilities, IT support method labs cum classrooms, and Plagiarism Checker Softwares etc. to support students innovations and tryouts

Teacher Mentoring for Innovation: Teachers take various roles giving guidance to students innovative try outs related to pedagogic activities, UG project works, and PG projects.

Conclusion:

Our institution has successfully developed an innovative ecosystem that encourages the creation and transfer of knowledge. Through a range of participative efforts, encouragement of novel ideas, official support for innovative initiatives, and material and procedural supports, we have created an environment where students and faculty members are empowered to innovate, explore, and contribute to the growth of knowledge within our institution and beyond. This commitment to fostering innovation is at the core of our educational philosophy, ensuring that we remain at the forefront of knowledge creation and dissemination.

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