



**MOUNT CARMEL COLLEGE OF TEACHER EDUCATION FOR WOMEN**  
**Muttambalam P.O., Kanjikuzhy, Kottayam- 686004**  
*(Recognised by NCTE, Affiliated to Mahatma Gandhi University)*

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## **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**



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On the basis of the continuous discussions and meetings among students, teachers, administrators and stakeholders, following innovations were tried out.

#### **Enhancement of Digital Skills of student teachers**

- A new Value-added course on Digital skill for prospective teachers was conducted for the B.Ed. students to make them aware about the opportunities and skills required for 21st Century classroom
- It provides training for e-content development, video and audio creation, uploading the materials prepared and use of LMS.
- Provided facilities for students' teachers for taking online classes.

#### **Implementation of Green initiatives**

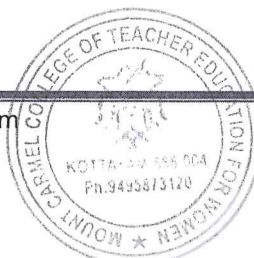
Several green initiatives were implemented in the institution such as

- Installation of biogas plant and solar panels
- Installation of Office Automation Software
- The practices of using steel Tiffin Boxes, Bottles and glasses
- The practice of zero use of plastics in the college campus was implemented during the academic year and use of eco- friendly products such as bags, files etc. were promoted.
- As part of nature club, preparation and exhibition of eco-friendly products were conducted.

#### **Strengthening Existing educational Practices**

- A series of discussions were conducted in the institution to generate ideas from the students and teachers to strengthen the educational practices in the adopted schools.
- Organic farming was promoted and set a vegetable garden in the adopted school which contributes for midday meal scheme.
- Students are encouraged to contribute their ideas in Young Innovation Programme (YIP) of Government of Kerala. Students presented their ideas.
- The teaching learning materials and aids prepared such as album, dictionary, workbooks, models, innovative charts were shared with the school teachers to strengthen the teaching learning experience. The same was further extended to all the schools where the institution has linkage with for the practice teaching internship.
- Uploaded the video lessons created by the students to share with the stake holders.
- The free tuition programme for the secondary school students was extended to more schools, where the student teachers conduct practice teaching.

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- A number of research tools have been developed as part of dissertation work at M. Ed. Level.
- The teaching faculty in the institution has prepared and submitted research project proposal to various agencies such as ICSSR and also proposal for conducting seminars and workshops.
- The involvement of the students was encouraged and enhanced in the different phases of each programme conducted in the institution such as celebration of significant days, organizing talks, discussions, and workshops across disciplines.
- Together with the staff, students are encouraged to suggest the topics for the 'Carmel forum' for the academic year.
- Vental action plan has been implemented and all the students actively taken part.
- Conducting CARMEX, an exhibition of teaching aids, and CARMEL FEST, interschool competition for the students at secondary level.
- Publication of Carmel graphics research journal and magazine to encourage research aptitude and creativity among students.

#### **Community Services**

- Extending the services of the institution and supporting the practice of Weekly visits to the old age home 'Abhaya Bhavan' .Shanthi bhavan' and 'Ashraya Bhavan', a palliative care service orientation was started in the institution as part of the NSS programme.
- Facilitating inclusive education: visit to Sneha Bhavan Special School and Visit to S. H. Njanodaya School for the Deaf.
- Use of Carmel tube (youtube channel) and social media to disseminate knowledge and college activities to the public.



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