आई यू सी टी ई
IUCTE

INTER-UNIVERSITY CENTRE FOR TEACHER EDUCATION

CERTIFICATE IN EDUCATION FOR SUSTAINABLE DEVELOPMENT

AN ONLINE PROGRAMME FOR TEACHER EDUCATORS

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एन सी ई आर टी
NCERT

REGIONAL INSTITUTE OF EDUCATION (NCERT)

Mysuru - 570006

PREAMBLE

IUCTE is an organisation established recently. It is funded by the Ministry of Education, Government of India under the Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT). It has two centres one located at Mysore and the other at Vadodara. Its main objectives are to plan and offer innovative training programs and short term courses in the area of Teacher Education at different levels from school to tertiary stage. IUCTE also coordinates various activities aimed at enhancing Teacher capabilities and capacity building of State and Central educational organizations and universities.

ABOUT THE PROGRAMME

The programme entitled 'Certificate in Education for Sustainable Development for Teacher Educators' is an online programme for teacher educators and teachers. The programme is aimed at disseminating the concept and importance of sustainable development for awareness and brings a movement in school education in order to invigorate the system for the challenging times that the world is presently facing and which are likely to exacerbate in the days ahead. Besides acquainting with the various facets and issues of sustainable development, the candidates will examine these aspects locally, analyse their cause, plan suitable actions and strategies to alleviate the problems.

It is widely felt by various governmental organisations across the world that school systems can play a critical role in achieving the stated goals of sustainable development. In this quest, the present programme will contribute significantly towards this cause.

The course is designed for teacher educators, teachers, students of pre-service teacher education programmes, educational administrators, education monitoring officials and all those teachers working in colleges, universities and higher educational departments. It is a hand holding programme with institutions that deal with interdisciplinary and integrated approach to promote and nurture sustainability in their educational development agenda.

The course material is in English with built-in activities and narrations. The internet is not only used as a platform for distributing course materials, but also to create virtual classrooms where teachers and learners from all corners are brought together to compare and discuss, share experiences and knowledge, and freely interact with their peers and mentors. In the process, learners gain an understanding of common sustainability challenges and contextualize them locally in their school curricula for thorough analysis and problem solving.

The three month duration, online programme leads to the award of "CERTIFICATE IN EDUCATION FOR SUSTAINABLE DEVELOPMENT".

OBJECTIVES

The participant will be able to:

- promote quality education among teacher and teacher educators in the areas of sustainable development.
- develop awareness and concern for environmental issues and sustainable development in promoting teacher education.
- acquaint with the concepts, objectives and importance of education for sustainable development in teacher education courses and curricula.
- promote multidisciplinary approaches to deal with issues and problems of implementing sustainable development in teacher education.
- acquaint with appropriate skills and strategies with - how to design, develop and implement appropriate at different levels of school education.
- familiarize with different methods, strategies, modes and techniques of teaching concerns related to sustainable development for educational functionaries in the region.
- undertake appropriate practical activities for promoting health and hygiene, cleanliness including healthy living and Swachh Bharat Abhiyan programmes needed for school education.
- promote environment friendly values through SD educational practices through teacher education Institutions.

METHODOLOGY

The course will be offered only through online mode by providing self-learning modules, arranging, Interactive sessions, and videos, group discussions planning and executing a Project work. Module specific interactive sessions and formative assessments (FA) will be carried out throughout the duration of the course. Details of assessment and evaluation are given under the sub-heading 'Scheme of evaluation'. Candidates are required to carry out a compulsory project work under the guidance of a mentor.

TARGET GROUP

- The programme is especially designed for school administrators, Teacher Educators, In-service and Pre-Service Teachers, Teachers working in B.Ed Colleges, State and Central Institutes.
- Faculty of SIET, DIET, SCERT, CTES, ACTE, CRC, BRC other such institutions, Universities, Colleges and Departments of Higher Education (Educational Departments).

ELIGIBILITY

- UnderGraduate/PostGraduate degree in Science/Arts/Commerce/Engineering or with a degree in Education.
- Candidates pursuing courses such as B.Ed/B.A B.Ed/ B.Sc. B.Ed/M.Sc.Ed./ M.Ed.

FEE

- Course fee - Rs. 5000 (Five thousand) only.
- Fee must be paid through NEFT/RTGS to Principal, RIE, Mysuru.
  Bank Details: State Bank of India; Account No: 54035460003 ; IFSC : SBIN0040958;
  Branchcode: 40958
- Once registered for the course, the fee will not be refunded.

COURSE WORK

- A total of fourteen self-learning modules are provided in the course. During the course, candidates will be provided opportunities to go through quality reference materials, resource materials, educational video programmes in order to equip them with the current practices and understanding of issues related to ESD.
- Latest and appropriate content and pedagogy skills, conceptual mapping and informative assignments and project works will be provided by subject experts. Candidates, as per their areas of interest and in consultation with course instructors can select a suitable project in any of the themes of study in the programme. Further, video lectures for specific content in selected themes, online group work, weekly online discussion with faculty, discussion on project design, field survey and report writing and submission of reports will be undertaken.

CONTENT

Theme 1: Conceptual Understanding

Module 1: Meaning, Scope, Historical Background, Goals of Sustainable Development in Education with Social Perspective

Module 2: Overpopulation, Poverty alleviation, Inequalities in Economic sharing, Inclusive Growth, Awareness of Economic Growth

Module 3: Gender concerns, Equality conflicts and possible solutions

Module 4: Human Rights and their relevance to Sustainability

Theme 2: Core Issues and Strategies

Module 5: Sustainable agricultural Practices, Traditional Knowledge Preservation, Zero Hunger, Sustainable Tourism and Culture

Module 6: Environmental Pollution, Strategies to reduce pollution, Impact of Global Warming, Greenhouse effect and Acid rain

Module 7: Environmental degradation, Climate action; Disaster management and Mitigation

Module 8: Resources - Types, Conservation optimal use for sustainability; Clean and Green Energy; Energy security

Theme 3: Perspectives and Challenges

Module 9: Food Security, Nutrition, Health and Hygiene

Module 10: Urbanization and Sustainable development

Module 11: Values, Value Inculcation, Promoting Peace; Human Security and Social Justice

Theme 4: Holistic Approach for attaining Sustainable Development Goals

Module 12: Analysis of School Curriculum; Concepts and Concerns of Sustainable Development in School Curriculum

Module 13: Strategies for Training Students/Student Teachers on Education for Sustainable Development

Module 14: Assessment Strategies for 'Education for Sustainable Development (ESD)'

Theme 5: Project work

Candidates are required to undertake project work as part of the Certificate course. They are required to carry out and submit a project report. The project must be relevant and related to one or more module/s of the course. Project work has to be independently carried out under the supervision of a mentor identified for supervision and guidance.

SCHEME OF EVALUATION

The online assessment schedule will be as follows:

*FA1	-	2nd Week	-	Theme 1	-	20 marks
FA2	-	4th Week	-	Theme 2	-	20 marks
FA3	-	6th Week	-	Theme 3	-	20 marks
FA4	-	8th Week	-	Theme 4	-	20 marks
Project-		12th Week	-	Theme 5	-	20 marks

(*FA – Formative assessment)	**Total** -	**100 marks**

Themes 1 to 4: Online assessment on notified dates; Each assessment (Formative Assessment) FA1 - FA4) shall consist of the following components:

a. Multiple Choice Questions   -   5 marks
b. Short Answer Questions   -   10 marks
c. Assignment/Chart/Term paper/Info graphics -   5 marks

                    Total   -   **20 marks**

Theme 5 - Project Work will be assessed as follows: **Date of completion**

a. Project selection and proposal   -   2 marks   -   3rd week
b. Data Collection- worksheet, interview schedule etc.,   -   3 marks   -   7th week
c. Submission of Report   -   10 marks   -   11th week
d. Viva-voce   -   5 marks   -   12th week

                    Total   -   **20 marks**

CRITERIA FOR ASSESSMENT

- Understanding and critical analysis of course content.
- Knowledge and planning alternate strategies to achieve the stated learning outcomes.
- Analysis of local issues on sustainability and planning appropriate solutions.
- Application of Sustainable Development issues in school curricula and evolving appropriate strategies for implementation

GRADING

Grade Conversion Scale			Marks/ Percentage
Grade	**Grading scale**	**Category**	
O	**10**	**Outstanding**	**91 - 100**
A	**8-9**	**Excellent**	**76 - 90**
B	**6-7**	**Good**	**61 - 75**
C	**4-5**	**Average**	**31 - 60**
D	1-3	Unsatisfactory	1 - 30

D - *Not Eligible for award of certificate.*

CONTACT DETAILS

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Chief Coordinator, IUCTE

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Coordinator

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Prof. V. D. Bhat
Professor, IUCTE

Phone: +91 9663168393
bhatvd@gmail.com

Note: All correspondence related to the programme shall be done with **Dr. G. V. Gopal**, *Coordinator and Professor, RIE, Mysuru.*

REGISTRATION

● Download the application form, fill it completely and make online payment. Scan the filled in application form and send by e-mail to: iucte@riemysore.ac.in

● Please send the hardcopy by post to the address below:

> To   **The Coordinator,**
> **CERTIFICATE IN EDUCATION FOR SUSTAINABLE DEVELOPMENT,**
> **Inter-University Centre For Teacher Education,**
> **Regional Institute of Education (NCERT),**
> **Mysuru – 570006, KARNATAKA - INDIA**

INTER-UNIVERSITY CENTRE FOR TEACHER EDUCATION
Regional Institute of Education (NCERT), Mysuru - 570006

APPLICATION FORM

CERTIFICATE IN EDUCATION FOR SUSTAINABLE DEVELOPMENT

1. Full Name: Mr./Ms./Dr. _____
   (In capital letters)

2. Date of Birth: Day_____Month_____Year_____Age_____

3. State/UT : _____

4. Category: Student/In-service/ UG/PG _____

5. Name and Address of the institution in which you are studying/working:
   _____
   _____

6. Residential Address:
   _____
   _____

6. Mobile:_____WhatsApp No.: _____

7. E-Mail: _____

8. Education : (Higher Secondary onwards)

Degree/ Subject	Board/University	Grade / Percentage	Year of Completion

9. Category to which you belong: SC/ST/OBC/General/others _____

10. Fee payment details: (RTGS/NEFT) : Transaction id: _____

    Bank name:_____Place:_____Date:_____

Place:_____   **Date:** _____

(Signature of the Applicant)

INSTRUCTIONS TO CANDIDATES

1. Download and Print the Application form.

2. Fill-in the requisite details in the space provided.

3. Scan filled-in Application form (Hard Copy), self attested copies of marks cards, degree certificates and other enclosures (if any) and send to : *iucte@riemysore.ac.in*

4. Please send the hardcopy by post to the address given below:

    To   The Coordinator,
    CERTIFICATE IN EDUCATION FOR SUSTAINABLE DEVELOPMENT,
    Inter-university Centre For Teacher Education,
    Regional Institute of Education (NCERT),
    Mysuru - 570006
    Karnataka - India

5. Submission of online application - on or before _____

6. Announcement of list of selected candidates _____
    www.riemysore.ac.in and https://iucte.riemysore.ac.in/

7. Commencement of programme:_____

8. Conclusion of programme:_____

9. Orientation program: _____

10. IUCTE Online Link for the program will be sent to the registered email ID/ Whatsapp number provided by the candidate.