

**MOUNT CARMEL COLLEGE
AUTONOMOUS
BENGALURU**

**DEPARTMENT OF EDUCATION
FOUR-YEAR INTEGRATED B.A./B.SC. B.ED**

ORGANISES

A Three Day Workshop

**Dates:
27th, 29th and 30th
March, 2021**

**Mode: Online
Medium: MS Teams**

**CREATIVE LEARNING
AND TEACHING USING
ICT FOR
UNDERGRADUATE
SCIENCE STUDENTS AND
TEACHING
PROFESSIONALS**

Sponsored by KSTA



MOUNT CARMEL COLLEGE AUTONOMOUS

Mount Carmel College is a premier institution for women's education in India. Established in 1948, it is run by the sisters of CSST ORDER. The institution has stood the test of time which is reflected in its dynamism and energy.

The institution is affiliated to Bengaluru City University and has been offering undergraduate and postgraduate courses in Arts, Science, Commerce, Business Studies and Education. The college is re-accredited with an A+ Grade in the 4th cycle by NAAC in 2019.



DEPARTMENT OF EDUCATION

The Four-year Integrated B.Ed. programs started by the Department of Education, Mount Carmel College in the Academic Year 2018-19, with the approval from National Council for Teacher Education (NCTE) and Government of Karnataka. These programmes are designed according to UGC and NCTE guidelines to prepare quality teachers for nation building.



ABOUT THE INTEGRATED PROGRAMME

The Four-year Integrated B.A-B.Ed and B.Sc-B.Ed programmes are built on Choice Based Credit System (CBCS) consisting of eight semesters including school based experiences and internship-in-teaching. On completion of the programme, students will be awarded an Integrated Degree in Humanities/Science and Education.

Student-teachers can integrate holistically the theory and practices to facilitate active engagement of learners for better learning and knowledge. Foundation, skill development and interdisciplinary courses are part of the programmes to enable student-teachers to acquire an all-round personality and necessary skills of a secondary school teacher.



KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY

(Sponsors of the workshop)

The Government of Karnataka established 'Karnataka Science and Technology Academy' in order to give impetus and to further the science and technology related activities in the State of Karnataka as well as to popularize science among different cross sections of civil society.

KSTA has 12 members comprising of eminent Scientists and educationalists and also Principal Secretaries/ Secretaries of the Government Departments.

KSTA is carrying out many programs across the state and has been playing a pivotal role as a catalyst in providing basic science education.



About the Workshop

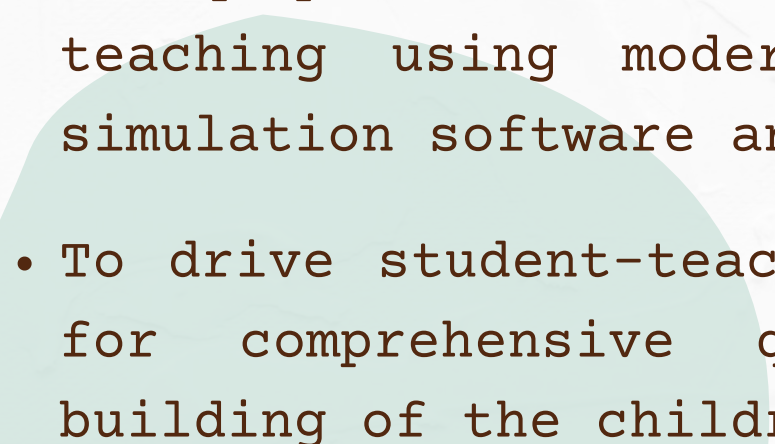
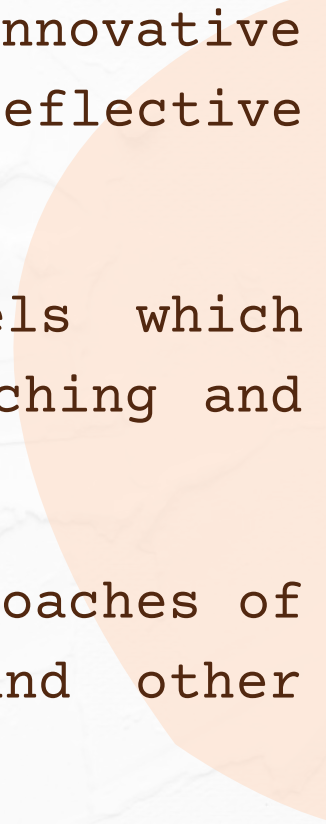


Science is not just a subject but a skill which every individual must practice to develop logical thinking. The teaching and learning of science are extremely challenging aspects in the contemporary world. The laboratory alone will not help create a holistic learning environment.

The workshop '*Creative Learning and Teaching using ICT for undergraduate science students and teaching professionals*' aims at providing necessary resources for better understanding of scientific concepts and teaching learning activity. It will provide student teachers with an opportunity to explore various possibilities of ICT world. It develops creative learning and teaching in science based classrooms providing an experiential and interactive learning environment.



OBJECTIVES

- To educate the student-teachers about innovative experiments, concrete experiences, reflective observation and abstract conceptualization.
 - To analyze computerization of mental models which allows for higher order performances in teaching and learning.
 - To equip student-teachers with effective approaches of teaching using modern resources of ICT and other simulation software and technical tools.
 - To drive student-teachers towards inclusive education for comprehensive quality education and skill building of the children.
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SCHEDULE

SESSION 1 CONSTRUCTIVISM: LEARNING BY DOING.

DATE: 27-3-21

TIMINGS: 10:00AM - 12:00 NOON

CONSTRUCTIVISM: LEARNING BY
DOING.

BY: **Prof. SARMISTHA SAHU**
(HOD Retd.)

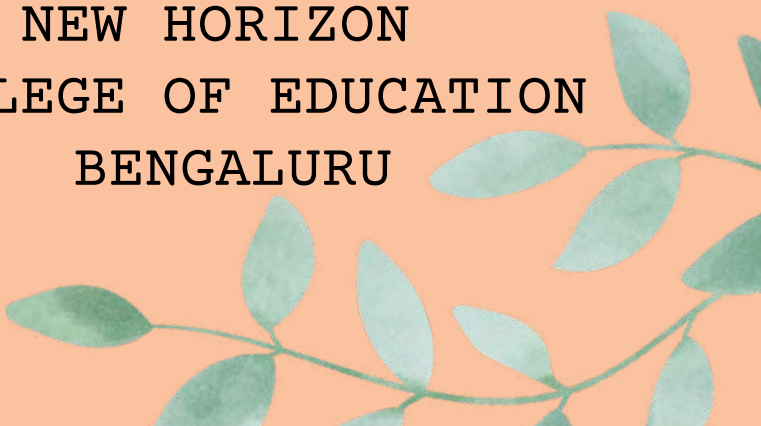
DEPARTMENT OF PHYSICS
MAHARANI LAKSHMI AMMANI
COLLEGE, AUTONOMOUS,
BENGALURU

SESSION 2 5 E MODEL LESSON

DATE: 27-3-21

TIMINGS: 1:00 PM - 3:00 PM

BY: **Dr. MANJULA.H.N**
ASSISTANT PROFESSOR
NEW HORIZON
COLLEGE OF EDUCATION
BENGALURU



SESSION 3
INTRODUCTION TO
OBE: LESSON MODEL AND
SESSION MODEL BASED
ON REVISED BLOOM'S
TAXONOMY

DATE: 27-3-21

TIMINGS: 3:00 PM - 5:00 PM


BY: Dr. RAJASHEKAR PATIL
PROFESSOR AND HEAD
DEPT. OF MECHANICAL
ENGINEERING,
CMR UNIVERSITY,
BENGALURU.

SESSION 4
MENTAL WELLNESS

DATE: 29-3-21

TIMINGS: 1:00 PM - 3:00 PM

BY: Dr. ANUPAMA
CLINICAL PSYCHOTHERAPIST
BENGALURU.





**SESSION 5
OPEN SOURCE TOOLS
FOR SCIENCE
EXPERIMENT**

DATE: 29-3-21

TIMINGS: 3:00 PM - 5:00 PM


**BY: Dr. RAJESH.B.M
ASSISTANT PROFESSOR,
DEPT. OF PHYSICS, RVCE,
BENGALURU.**

**SESSION 6
CREATING AND USING
DIGITAL LEARNING
RESOURCES IN INCLUSIVE
CLASSROOM**

DATE: 30-3-21





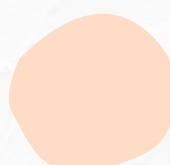
TIMINGS: 1:00 PM - 3:00 PM

**BY: Dr. PANKAJ SHAH
ASSISTANT PROFESSOR
NATIONAL INSTITUTE OF
EMPOWERMENT OF PERSON WITH
VISUAL DISABILITY
DEHRADUN**





REGISTRATION

- **Free Registration.**
 - **Online Registration closes on 26th March, 2021.**
 - **E-Certificates will be awarded to those who attend all the six sessions.**
 - **Click on 'Register Now' to register.**
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REGISTER
NOW