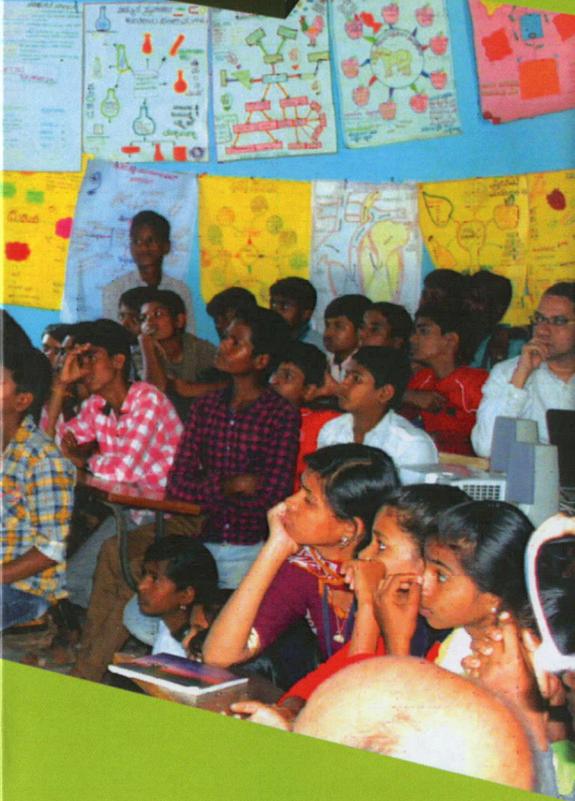




# ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ UNIVERSITY OF MYSORE

University of Mysore, Manasagangotri, Mysuru-570 006



ಶಾಲೆಗಳಲ್ಲಿ ವಿಜ್ಞಾನ  
ಶಿಕ್ಷಣ ಕೇಂದ್ರ (CSES)  
Centre for Science  
Education in Schools  
(Formerly CDSS)

Promoting Science Education in Secondary Schools  
An unique Venture by the University



Inaugural function of DD Chandana Video Recording Program of Science Interaction with Government High School students

## About CDSS

- The Committee for the Development of Science in Schools (CDSS) constituted by the university during 2006 has initiated many activities for making the school children to develop interest in the learning of science. Many of the faculty members from the science departments and retired scientists of CFTRI and BARC have been helping the CDSS in this venture. CDSS is now renamed as Centre for Science Education in Schools (CSES) in the year 2021.
- An extremely useful community outreach activity of the university.
- The expertise of the university is brought to the Government schools.
- An opportunity for younger generation to interact with the academic faculty from higher education.

## Aims and objectives

- To create awareness among school children on basic sciences.
- To dispel the myth that learning of science and mathematics is difficult.
- To empower science teachers in school.
- To identify and encourage talent among students.

## Activities

- Reaching children through seminars and practical sessions by experts.
- CSES arranged a series of lectures by academic faculty of the university and other resource persons in selected high schools of Mysuru district. More than 100 such activities were conducted. Student interaction as well as evaluation of student talent was an integral part of each seminar.
- Workshop for Science Teachers
- Science Lectures by Resource Persons at Selected Schools
- Science Quiz, Science Elocution
- Science Working Model Building Competitions for Students.

- "Science interaction program" was telecasted on DD Chandana Channel, the program was held at Vijnana Bhavan Auditorium on 10/02/2020

## One week Residential Program for High School Students at Mysuru

The CSES organizes one-week residential programme for about 50 High school children during summer vacation every year. Lecture sessions on Science, Laboratory experiments, visits to Science Museums, Sky watching with telescope, Bird and nature watching, Interactive sessions, Personality development form the main activities in addition to cultural activities, yoga, meditation and sports. Boarding and lodging arrangements for this program are made at Youth Hostel, Gangotri layout, Mysuru.

## Model building and Science Exhibition

Model building competitions, science exhibitions, Elocution and quiz competitions are organized regularly at schools and also at the University campus.

## DST Inspire Programme to PU Students

Extend these to +2 and undergraduate students. At the initiative of the CDSS Inspire program of DST was organized for 5 days for a group of 200 students of 11th standard drawn from different colleges. 4 such Programmes were organized

## Future Plans

- To create a Centre for Innovative Studies to identify and nurture talent in science among students.
- To provide opportunity for science learning under the guidance of faculty in the campus. Questions and Answers prepared by experts will be uploaded in the website both in Kannada and English to be used freely by the teachers and students
- Telecasting the science interaction program through Dooradarshan, Kannada TV channel.

## Mobile Science Laboratory (2014-2019)

CSES with the financial assistance of KSTePS of Karnataka Government has designed and established a Mobile science laboratory after the purchase of a suitable motor vehicle and getting it fabricated to suit the purpose. The scientific equipments required to be adopted in the Mobile Science Laboratory were purchased.

CSES in consultation with The Department of Public Instruction selects two Government High Schools separated by a distance of 3 to 4 kms and organize Videos on science subjects followed by interaction session with the students for about 2 Hours in one school during the forenoon. The interaction session is done with the help of Professors of Physics, Chemistry, Biology and Mathematics from the University as well as CFTRI and BARC.

#	District	Programs	No of Beneficiary
1	Mysuru district	15	4380
2	Mandya District	10	2830
3	Hassan district	06	1410
4	Chamarajanagar	06	1560

## First Saturday Science Interaction Program (2014-2019)

Eminent Professors from Managangothri, University of Mysuru from Physics, Chemistry, Botany, Zoology, Mathematics, Bio-chemistry and Geology along with eminent scientists from CFTRI and BARC were invited to act as resource persons in the Science interaction programs organized for the local high school students.

#	Place	Number of Program	No of Beneficiary
1	Physics Department	35	2850
2	Vijnan Bhavan Auditorium	20	2600

## Mobile Science Laboratory Program (2014-2019)

The Department of Public Instructions, Karnataka Government had organized a State level cultural program for a group of 1400 selected students at the Karnataka State Open University Campus during Dec 15th- 17th, 2018. Drawn from 34 districts of Karnataka, the students participated in "Pratibha Karanji" cultural competition and were exposed to the experiments arranged in the Mobile Science Laboratory of the University of Mysuru. The interests and the enthusiasm exhibited by students were very immense and highly satisfactory.

## List of Programs Held at Manasagangothri Campus

#	Program	Total No	No of Beneficiary
1	Science Learning Workshop	04	156
2	Science Quiz Program	04	140
3	Science Model Exhibition	04	136
4	Science Learning Workshop	06	170
5	Orientation Workshop	06	235
6	Science Model Building workshop	01	35

## List of Programs Held at Other Places

#	Program	Place	District	No of Beneficiary
1	Karnataka State level "Prathiba Karanji" Program	Mysuru	Mysuru	1480
2	Sutthur Jathra Mahoshthava ( 2 Programes)	Sutthur	Mysuru	9560
3	Indian Science Congress	GKVK	Bengaluru	4940
4	Video Recording of "Science Interaction Program" for DD Chandana	Vijnan Bhavan	Mysuru	350

## Executive Committee Members

### Chairman:

**Prof. P Venkataramaiah**

Former Vice Chancellor

Kuvempu University

No. 436, Vishvamanava Double Road-

Kuvempunagara, Mysuru – 09

### Convener:

**Prof. M S Chandrashekara**

Dept. of Studies in Physics University

of Mysuru

### Members:

**Prof. K A Raveesha**

Professor and Dean

School of Life Sciences

JSS Academy of Higher Education

and Research

**Prof. K S Mallesh**

Dept. of Studies in Physics (Retd.)

University of Mysore

**Prof. G R Janardhan**

Dept. of Studies in Botany

University of Mysore

**Dr. Bhagyalakshmi**

Retired Scientist, CFTRI

University of Mysore

**Mrs. Sreemathi Hariprasad**

Chief Editor, Bala Vijnana

Bengaluru

**Prof. R. Rangarajan**

Dept. of Studies in Mathematics

University of Mysore

**Prof. Asha Iyengar**

Dept. of Studies in Chemistry (Retd.)

Yuvaraja college.

**Prof. B.K. Jagadish**

Dept. of Zoology (Retd.)

Yuvaraja College, Mysuru

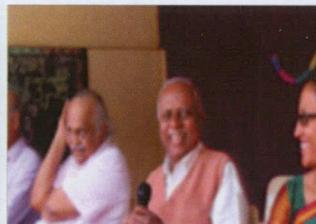
**Joint Director**

Department of Public Instructions

Mysore Division, Mysuru.



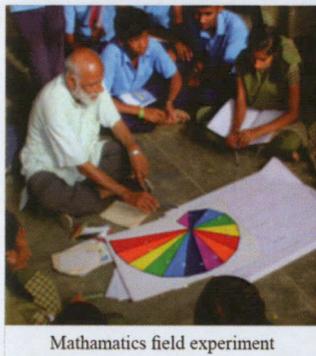
Physics experiment



Science Interaction Program



Chemistry experiments



Mathematics field experiment



Inaugural of DD Chandana Program



Science Interaction program session



Hon'ble Vice-Chancellor Prof. Hemanth Kumar G with CSES Resource Persons and School Staff at Lokhannahalli

Contact :

**CONVENER**

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