

## Technical Sessions (Day 2: 23/11/2018, Friday)

### 10.00 a.m. - 11.00 a.m: Session I

Determination of Grain size Statistical Parameters using Probabliity Charts and GStat software.

*Smt. Nisha NV., Dr. Saju Varghese & Rachana Pillai , Senior Geologists, MCSD, GSI, Mangalore*

### 11.15 am. - 12.00 p.m: Session II

Correlation Coefficients in Granulometry

*Dr. Saju Varghese, Sr. Geologist, MCSD, GSI, Mangalore.*

### 12.00 p.m. - 1.00 p.m: Session III

Grain size Parameters to determine Transgression and Regression Cycles.

*Shri. A C. Dinesh, Smt. Nisha NV., Dr. Saju Varghese & Rachana Pillai*

### 1.00 p.m. - 02.00 p.m: Lunch Break

### 2.00 p.m. - 03.30 p.m: Session IV

Grain size Parameters to understand the Dynamism of Deposition: A Case study from off Anjengo, Kerala.

*Smt. Nisha NV., Dr. Saju Varghese & Rachana Pillai , Senior Geologists, MCSD, GSI, Mangalore*

### 3.30 p.m. - 04.15 p.m: Quiz Competition

### 4.30 p.m. - 05.30 p.m: Valedictory session and certificate distribution.

Chief Guest: **Shri N. Maran, Deputy Director General,**  
Marine and Coastal Survey Division,  
Geological Survey of India, Mangalore

## A Workshop on “Applications of Granulometric Parameters in Sedimentology”

(Initiative under Bhuvisamvad programme of Ministry of Mines, Govt. of India)

Organised by

केरल केंद्रीय विश्वविद्यालय कासरगोड  
CENTRAL UNIVERSITY OF KERALA

तेजस्विनी हिल्स, पेरिया डाक, कासरगोड/Tejaswini Hills, P. O. Periy, Kasaragod

and

Geological Survey of India  
Marine and Coastal Survey Division, Mangalore



**22/11/2018 and 23/11/2018**

Inauguration on 22<sup>nd</sup> November at Seminar Hall,  
Narmada Block at 10.00 A.M.

Technical sessions in Room No. 312, Department of  
Geology, Sabarmati Block, CUK

## About the Programme

The skill development workshop is organised jointly by the Department of Geology, Central University of Kerala and Geological Survey of India, Marine and Coastal Survey Division, Mangalore as part of 'Bhuvismav' Programme launched by Ministry of Mines, Govt. of India. Bhuvismav is a platform to promote interaction among the Geological Survey of India professionals and students/researchers/faculty from universities. The program and the workshop will facilitate the skill development of students with student-professional interaction which will be useful for enhancing the practical utility of theoretical knowledge. More geoscience professionals are required in near future for the comprehensive exploration of mineral wealth of the country. The workshop will provide an opportunity for the students, research scholars and faculty to interact with the professional geologists of Geological Survey of India and also learn about applications of granulometric parameters in sedimentology which is the theme of the workshop.

## Programme Schedule

### Inaugural Session (10.00 - 11.00 A.M.)

Prayer

Opening remarks : **Dr. Sandeep K**  
by Convener Assistant Professor and Head (I/c),  
Dept. of Geology, Central University of Kerala

Welcome : **Dr. Muthukumar Muthuchamy**  
Dean, School of Earth Science Systems,  
Central University of Kerala

Inauguration : **Prof. (Dr.) G. Gopakumar**  
Honourable Vice-Chancellor, Central University of  
Kerala

Keynote Address : **Shri. Dilip Kumar Saha**  
Deputy Director General & HOD  
Marine and Coastal Survey Division,  
Geological Survey of India, Mangalore.

Felicitations : **Shri. A C. Dinesh**  
Director, Geological Survey of India, Mangalore  
**Dr. Saju Varghese**  
Senior Geologist and Nodal Officer, Bhuvismav,  
GSI, Mangalore

Vote of Thanks : **Dr. Pratheesh P**  
Department of Geology, Central University of Kerala

### Technical Sessions (Day 1: 22/11/2018, Thursday)

**11.30 a.m. - 12.00 a.m: Session I**  
**Significance of Granulometric studies in Sedimentology.**  
*Shri. A C Dinesh, Director, MCSD, GSI, Mangalore*

**12.00 p.m. - 01.00 p.m: Session II**  
**Sampling, Processing and Grain size Analysis.**  
*Smt. Nisha N V., Sr. Geologist, MCSD, GSI, Mangalore.*

**1.00 p.m. - 02.00 p.m: Lunch Break**

**2.00 p.m. - 03.00 p.m: Session III**  
**Sediment Classes- Practical**  
*Smt. Nisha N .V. & Dr. Saju Varghese, Sr. Geologists, MCSD, GSI, Mangalore.*

**3.00 p.m. - 04.00 p.m: Session IV**  
**Grain size Statistical Parameters**  
*Shri. A C Dinesh, Director, MCSD, GSI, Mangalore.*

**4.00 p.m. - 05.00 p.m: Session V**  
**Distribution and Demonstration of GStat software**  
*Shri. A C Dinesh and Smt. Nisha N. V.*

## **Workshop on “Applications of Granulometric Parameters in Sedimentology”**

The Department of Geology, Central University of Kerala and Geological Survey of India, Marine and Coastal Survey Division, Mangalore jointly organised the skill development workshop on “Applications of Granulometric Parameters in Sedimentology” on 22<sup>nd</sup> and 23<sup>rd</sup> November 2018 as part of ‘Bhuvismvad’ Programme launched by Ministry of Mines, Govt. of India. The number of participants were 60 which included M.Sc. students and research scholars from the Geology departments of Central University of Kerala and Govt. College Kasaragod. Bhuvismvad is a platform to promote interaction among the Geological Survey of India professionals and students/researchers/faculty from universities. The workshop was inaugurated by the Honourable Vice-Chancellor of Central University of Kerala, Prof. (Dr.) G. Gopakumar. The keynote address was delivered by Shri. Dilip Kumar Saha, Deputy Director General & HOD, GSI, Mangalore. Dr. Muthukumar Muthuchamy, Dean, School of Earth Science Systems, Central University of Kerala welcomed the Chief Guest, Resource persons, Delegates and participants. Shri. A C. Dinesh, Director, GSI, Mangalore and Dr. Saju Varghese, Senior Geologist and Nodal Officer, Bhuvismvad, GSI, Mangalore delivered felicitation address. During the two days’ workshop, several practical and hands-on sessions on various aspects of sedimentology were engaged. The sessions were managed by Shri. A C. Dinesh (Director), Dr. Saju Varghese (Senior Geologist) and Mrs. Nisha N V (Senior Geologist) of GSI, Mangalore. The workshop also included the interactive sessions and quiz programme on the second day based on the sessions held during the two days. The workshop provided an opportunity for the students and research scholars to interact with the professional geologists of Geological Survey of India and learn about the applications of granulometric parameters in sedimentology which was the theme of the workshop. The programme focussed on enhancing the skill-set necessary in sedimentology in carrying out laboratory analysis and solving various problems in the field. The valedictory session of the workshop was inaugurated by Shri. N. Maran, Deputy Director General, GSI, Mangalore. The prizes for the winners of the quiz programme and certificates for the participants were distributed during the session.

