



# केरल केंद्रीय विश्वविद्यालय CENTRAL UNIVERSITY OF KERALA

(संसद के अधिनियम / द्वारा स्थापित 2009 वर्ष, *Established under the Act of Parliament in 2009*)

DEPT. OF GEOLOGY

18.12.2018

*Report of the workshop on*

## **COMPREHENSIVE TEACHING METHODS FOR GEOGRAPHY IN SCHOOLS**

**Under the PMMMNMTT programme of Central University of Kerala**

Earth science education, one of the important goals towards the sustainable development of any nation, is a key player in the global empowerment. Our country has some aspiring goals towards a global super power by 2050. To achieve the same we must take some serious measures in our education system. Many of the nations around the world were able to achieve so much in science and technology, because of their advancements in the modern day education. Past few decades we witnessed a drastic decrease in the quality of the secondary school education system in Kerala. Major degradations were noticed in the social science stream, especially in geography. Academic investigations on this serious problem point towards the dearth of a competent training platform among the secondary school teaching fraternity.

Secondary School education is the turning point in a student career. There for, proper and potential teaching is the basic rights of a student. Most of the students in the backward regions were struggling with the present curriculum. Even though the teachers are eligible, lack of training makes them impotent. Our programme was designed to empower those teachers with potential training and proper exposures. In that programme we invited eminent people from various universities to train the teachers towards a global standard.

We the Department of Geology, decide to address the problem in a challenging manner. We had conducted a capacity building workshop for geography teachers on comprehensive geography teaching. In this connection the Department of Geology and PMMMNMTT jointly organized a three day workshop on "Comprehensive Teaching Methods for Geography in Schools" from 14<sup>th</sup> to 16<sup>th</sup> December 2018 at the Department of Geology. Due to an unexpected national strike we have redesigned the programme to 15<sup>th</sup> to 16<sup>th</sup> December 2018. The target group for this programme were the social science teachers of Kasaragod



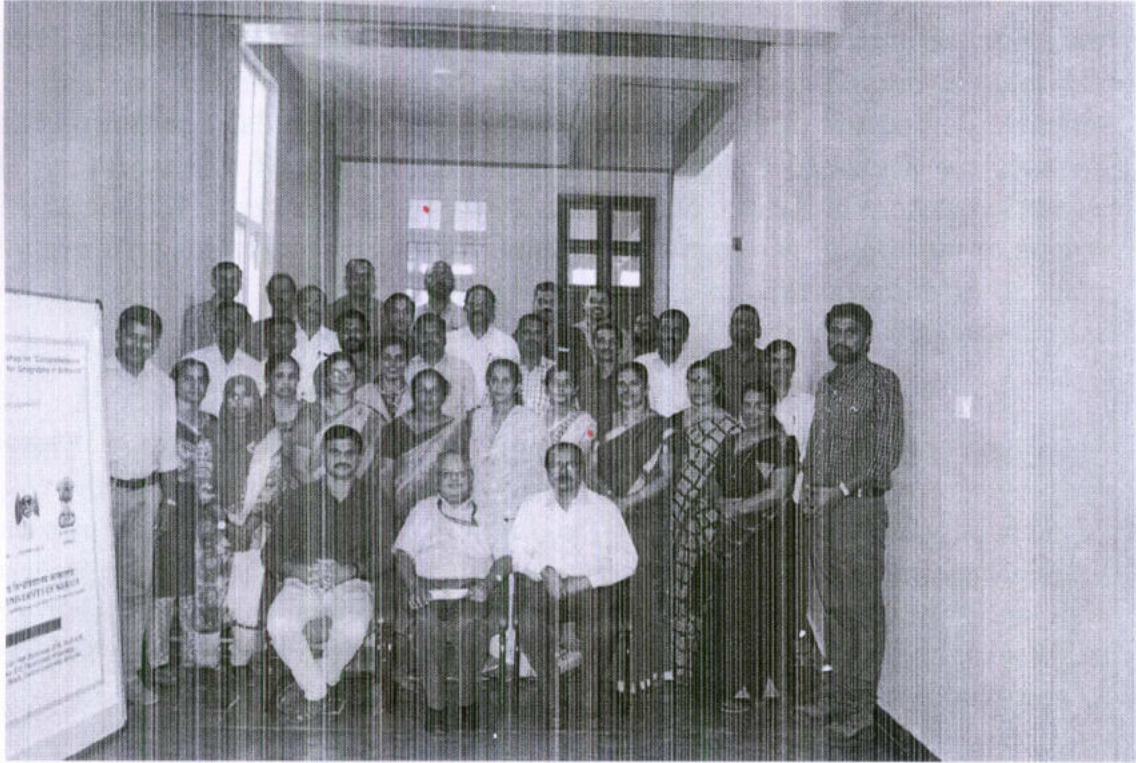


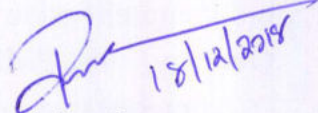
# केरल केंद्रीय विश्वविद्यालय CENTRAL UNIVERSITY OF KERALA

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## DEPT. OF GEOLOGY

district, who teach Geography at the high school level. Teachers from various schools from the district attended the workshop. We know that, it is impossible to change the system in an overnight manner. But we attempted the same through the PMMMNMTT programme of our university to address it in a noble manner on a limited extent. Since our university belongs to Kasargod district, as it belongs to a socially backward region in the North Malabar, the implementation of the programme was designed specifically for the Kasargod district. We decided to take up further in terms of our university's social commitment and regional development policy.



  
18/12/2018  
Organizing Secretary

डॉ. प्रतीष पि. / Dr. Pratheesh P.  
सहायक आचार्य / Assistant Professor  
भू-विज्ञान विभाग / Department of Geology  
भू-विज्ञान प्रणाली स्कूल  
School of Earth Science Systems  
केरल केंद्रीय विश्वविद्यालय / Central University of Kerala  
तेजस्विनी हिल्स, पेरिया डाक, कासरगोड ( केरल )  
Tejaswini Hills, Periyar P.O., Kasargod-671316, (Kerala)



10.00 a.m. - 11.00 a.m: Session VI

**Groundwater hydrology & rainwater harvesting techniques**

Dr. Rajesh Regunath, Assistant Professor, Department of Geology, University of Kerala

11.00 a.m. - 11.30 a.m: Discussion

11.30 a.m. - 11.45 a.m: Tea Break

11.45 a.m. - 12.45 p.m: Session VII

**Deep crustal processes and natural hazards**

Prof. (Dr.) V. Prasannakumar, Former Director, CGIST  
Former Professor, Department of Geology, University of Kerala

12.45 p.m. - 01.15 p.m: Discussion

01.15 p.m. - 02.30 p.m: Lunch Break

02.30 p.m. - 03.15 p.m: Session VIII

**Tools in spatial data acquisition and analysis**

Dr. A.N. Manoharan, Assistant Professor and Head, Department of Geology, Govt. College Kasaragod.

03.15 p.m. - 03.30 p.m: Tea Break

03.30 p.m. - 04.00 p.m:

**Concluding remarks from the participants**

**Organising Committee**

**Vice-chancellor, CUK(Patron)**

**Coordinator, PMMMNMTT(Chairman)**

**Dr. Sandeep K.(Convener)**

**Dr. Pratheesh P.(Organizing Secretary)**

**Dr. Sijin Kumar A.V(Organizing Joint Secretary)**

**Dr. Chandan Kumar B.(Organizing Joint Secretary)**

**Three day's workshop on "Comprehensive Teaching Methods for Geography in Schools"**

Jointly organised by

DEPARTMENT OF GEOLOGY

&

PANDIT MADAN MOHAN MALVIYA NATIONAL  
MISSION ON TEACHERS AND TEACHING (PMMMNMTT)



Central University of Kerala



PMMMNMTT



सत्यमेव जयते

MHRD

केरल केंद्रीय विश्वविद्यालय कासरगोड  
**CENTRAL UNIVERSITY OF KERALA**

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

14/12/2018 to 16/12/2018

Inauguration on 14th December 2018, 10.00 A.M.

Room No. 312, Department of Geology,  
Sabarmati Block, Central University of Kerala

**14/12/2018 Day-I Programme**

10.00 a.m. - 11.15 a.m:

Prayer  
Welcome

: **Dr. Sandeep K.**  
HOD (i/c), Department of Geology  
Central University of Kerala

Chair

: **Dr. Amruth G Kumar.**  
Coordinator, PMMMNMTT  
HOD, Department of Education  
Central University of Kerala

Inauguration

: **Dr. M Muralidharan Nambiar**  
Controller of Examination  
Central University of Kerala

Special Address

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

Felicitations

: **Dr. M.N.Mohamedunni Alias Musthafa**  
Director, IQAC  
Central University of Kerala

Vote of Thanks

: **Dr. Pratheesh P.**  
Organising Secretary & Assistant Professor  
Central University of Kerala

**Sessions**

11.30 a.m. - 12.30 p.m: Session I

**Understanding the atmosphere**

Dr. Sandeep K., Assistant Professor & Head (i/c), Dept. of Geology,  
Central University of Kerala

12.30 p.m. - 01.00 p.m: Discussion

01.00 p.m. - 02.00 p.m: Lunch Break

02.00 p.m. - 03.00 p.m: Session II

**Some fundamental aspects of oceanography**

Dr. Ajith G. Nair, Assistant Professor, Dept. of Civil Engineering,  
College of Engineering Trivandrum (CET)

03.00 p.m. - 03.30 p.m: Discussion

03.30 p.m. - 03.45 p.m: Tea Break

03.45 p.m. - 04.45 p.m: Session III

**Unravelling past life, climate and geography through fossils**

Dr. Sijin Kumar A.V., Assistant Professor, Department of Geology,  
Central University of Kerala

04.45 p.m. - 05.15 p.m: Discussion

**15/12/2018 Day-II Sessions**

10.00 a.m. - 11.00 a.m: Session IV

**Understanding our earth: moving continents and ocean floors**

Prof. (Dr.) V. Prasannakumar, Former Director, CGIST  
Former Professor, Department of Geology, University of Kerala

11.00 a.m. - 11.30 a.m: Discussion

11.30 a.m. - 11.45 a.m: Tea Break

11.45 a.m. - 12.45 p.m: Session V

**Weathering and Landforms.**

Dr. Krishnakumar K.N., Principal, Maharajas College Eranakulam

12.45 p.m. - 01.15 p.m: Discussion

01.15 p.m. - 02.30 p.m: Lunch Break

02.30 p.m. - 03.15 p.m:

**Discussions on the hurdles in geography teaching at Schools**

03.15 p.m. - 03.30 p.m: Tea Break

03.30 p.m. - 04.30 p.m:

Interactive session with **Prof. (Dr.) G. Gopakumar**  
The Honourable Vice-Chancellor of Central University of Kerala

No.D2/18275/2018.

Deputy Directorate of Education,  
Kasaragod, dated, 05.12.2018.  
Phone : 04994 255033  
email : [ddekgd@gmail.com](mailto:ddekgd@gmail.com)

From

The Deputy Director of Education.

To

Dr. Pratheesh P,  
Assistant Professor,  
Department of Geology,  
Central University of Kerala,  
Periye – 671 123.

Sir,

Sub:- General Education – 3 days workshop for Geography Teachers – List of Teachers -  
Forwarding of – Regarding.

Ref:- Your email dated, 13.11.2018 and 05.12.2018.

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As per the reference cited, I am herewith forwarding the list of Teachers who have been selected for the 3 days workshop on “Comprehensive Teaching Methods for Geography in Schools”.



Yours faithfully,

DEPUTY DIRECTOR OF EDUCATION.



**DETAILS OF GEOGRAPHY TEACHERS SELECTED FOR 3 DAYS TRAINING**

Sl.No.	Name of Teacher	Name of School	Name of Educational District
1	SREEDHARAN T V	GHSS CHEEMENI	KANHANGAD
2	RAMAKRISHNAN K V	GVHSS KAYYUR	KANHANGAD
3	SATHYAN KOVVAL VEETIL	GHSS SOUTH THRIKARIPUR	KANHANGAD
4	JAI MON MATHEW	GHSS BALANTHODE	KANHANGAD
5	VIJAYAKUMARAN NAIR	GHSS CHAYOTH	KANHANGAD
6	UNNIKRIISHNAN K V	GHSS PERIYE	KANHANGAD
7	VALSARAJAN K	GHSS PARAPPA	KANHANGAD
8	PRAKASHAN K V	GHSS MALOTH KASABA	KANHANGAD
9	ABDUL BASHEER M A	GFVHSS CHERUVATHUR	KANHANGAD
10	BALACHANDRAN K	GHSS PILICODE	KANHANGAD
11	CHANDRIKA P K	GHSS PALLIKKARE	KANHANGAD
12	GOPALAKRISHNAN P	GHSS KUTTAMATH	KANHANGAD
13	SAMBU NAMBOODIRI	GHSS KAKKAT	KANHANGAD
14	PRAMOD KUMAR PAYYA	GHSS UDINUR	KANHANGAD
15	MAJEED PUNNACHAN	VPPMKPSGVHSS TRIKARIPUR	KANHANGAD
16	BALAKRISHNAN.P.V	GVHSS KANHANGAD	KANHANGAD
17	GANESAN.M	GHSS PAKKAM	KANHANGAD
18	KRISHNAN.K.V	GVHSS MADIKAI	KANHANGAD
19	ABOOBAKER.K	GVHSS THACHANGAD	KANHANGAD
20	RAJESH .K.V	GFHS KANHANGAD	KANHANGAD
21	JYOTHI KUMARI. A	GVHSS KARADUKA	KASARAGOD
22	SATHEESAN	GVHSS KARADUKA	KASARAGOD
23	SHAMEEMA	GHSS KUMBALA	KASARAGOD
24	VIJAYAN. P	NHSS PERDALA	KASARAGOD
25	SUJITHA. M	SSHSS SHENI	KASARAGOD
26	ROOPASHREE. K	SVVHS MIYAPADAVU	KASARAGOD
27	BHAVANI SHANKARA	SVVHS KODLAMOGARU	KASARAGOD
28	SHIVA PRAKASH	SDPHS DHARMATHADUKKA	KASARAGOD
29	SHANKARA NARAYANA BHAT	GHSS PAIVALIKE NAGAR	KASARAGOD
30	HAREESH KUMAR. K	GHSS BEKUR	KASARAGOD
31	AYISA BISATHI ABDULKHADAR	GHSS CHERKALA CENTRAL	KASARAGOD
32	RADHA. K	CHATTANCHAL HSS	KASARAGOD
33	RAM MOHANA. U	HHSIBHS EDANEER	KASARAGOD
34	MADHU. P.V.	TIHSS NAIMMARMoola	KASARAGOD
35	MINISH BABY. K	GVHSS IRIYANNI	KASARAGOD



  
 വിദ്യാഭ്യാസ ഉപസെക്ഷൻ  
 കാസർഗോഡ്



Department of Geology, Central University of Kerala  
 Published by Pratheesh Prabhakar · 3 January 2019 ·



Glimpses of the three days workshop

Department of Geology and PMMMNMTT Scheme of the Central University of Kerala has jointly organized a three day's workshop on "Comprehensive Teaching Methods for Geography in Schools" from 14 to 16 December 2018 at the Department of Geology, Central University of Kerala, Kasaragod. #geocukerala



34  
People reached

19  
Engagements

Boost post

