

# CURRICULAM VITAE

**Dr. K.N. KRISHNAKUMAR**

**Member, DEIAA Kottayam (2017 – 2019)**

**Addl Director, Collegiate Education (2021)**

**Deputy Director, Collegiate Education (2020)**

**Principal, Govt College, Kattappana, Kottayam and Maharajas College, Ernakulam**



Date of Birth: 10/03/1965

Residential address: Anjaligokulam, Muttambalam.P.O, Kanjikuzhy, Kottayam- 686 004.

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## Academic Profile

Qualification	Discipline/ Specialization	Name of the institution	Board/ University	Year of passing
B.Sc.	Geology	Government College Kottayam	Mahatma Gandhi University, Kerala.	1986
M.Sc.	Geology	Government College Kottayam	Mahatma Gandhi University, Kerala.	1988
PhD	Marine Geology	Department of Marine Geology	Mangalore University, Mangalore, Karnataka	2005

## Teaching Experience

UG Level 25 Years and 2 months

PG Level 27 Years and 4 months

## Employment details

Sl No.	Institute	Position	Period
1.	Collegiate Education, Govt. of Kerala	Additional Director	07.09.2020 – 30.03.2021
2.	Collegiate Education, Govt. of Kerala	Deputy Director	21.06.2019 – 04.09.2020
3.	Maharajas College, Ernakulam	Special grade Principal	10.01.2018 – 20.06.2019
4.	Government College, Kottayam	Principal	14.08.2017 – 05.01.2018
5.	Government College, Kattappana	Principal	28.03.2017 to 09.08.2017
6.	Government College, Kottayam	Associate Professor	01/10/2013 to 30.03.2021
7.	Dept. of Geology, University of Kerala	Reader	17.07.2011 – 30/09/2013
8.	Government College, Kottayam	Lecturer	06/11/1989 – 16/07/2011

## Administrative Experience – 25.6 yrs

- Additional Director of Collegiate Education, Kerala (07.09.2020 to 30.03.2021).
- Deputy Director of Collegiate Education, Kottayam (21.06.2019 to 04.09.2020).
- Special grade Principal from 10.01.2018 to 20.06.2019 at Maharajas College, Ernakulam
- Principal from 14.08.2017 to 05.01.2018 at Government College, Kottayam
- Principal from 28.03.2017 to 09.08.2017 at Government College, Kattappana

- Vice Principal of Govt. College, Kottayam (July 2015 to March 2017).
- HOD/ Geology, Government College, Kottayam (July 2014 to March 2017).
- Programme officer NSS at Government College, Kottayam (August 1991 to January 2001 and June 2008 to July 2009).
- Warden of Government College Hostel, Kottayam – (13.07.1992 to 30.09.1996 and 01.10.2009 to 16.06.2011)

### **Positions and Duties held in University level**

- Acted as member to senate and Academic council M. G. University
- Acted as member of Board studies in Geology of Kerala University, M.G. University, Calicut University and Kannur University.
- Member, syllabus implementation committee of Central University of Kerala.
- Expert member for assessing colleges with potential excellence, Nominated by UGC, New Delhi.

### **Experience in the field of conducting examinations.**

- Performed duty as assistant superintendent of various examinations of university.
  - Conducted off campus examinations MG University at Bahrain as chief superintendent - 2010.
  - Chairman of board of question paper setters in various universities.
  - Chairman of UG and PG examinations board of MG University for several years.
- Chief controller of examinations of Maharajas College Ernakulum (Autonomous)

### **Areas of interest in study**

- ❖ Environment Geology, Disaster management, Structural Geology, and Hydrogeology.

### **Activities in the field of Environmental Science and Disaster management.**

- Member, District Environmental Impact Assessment Committee (DEAC) Kottayam District, 2017-2019. Visited potential areas of Environmental importance in the district and submitted report to DEAC
- Conducted study about “Soil piping “an environmental hazard happening in the flanks of Western Ghats mountain ranges; Kottathalachi mount in Kannur, District is an example.
- Conducted the environmental impact of land reclamation and removal of soil in different parts of the state.
- Conducted study about origin and impact of land slides in the state and prepared Landslide susceptibility Zonation map of selected areas
- Invited guest faculty in the School of Environmental Science MG University since 2011.
- Conducted awareness classes to students, academicians and general public about environmental issues and natural disasters during the time of events and whenever it was required.

### **Invited Lectures**

- ❖ State level seminar on “Disaster Management” Organized by the post graduate department of Environmental sciences, Christ College, Irinjalakkuda, Thrissur.
- ❖ State level seminar on “NATURAL HAZARDS & DISASTER MANAGEMENT” organized by Post Graduate department of Zoology Alphonsa College, Pala sponsored by University Grants Commission 26th, 27th and 28<sup>th</sup> February 2007

## Publications

1. Suraj P. R., **Krishnakumar K.N.**, Induja K. N., and Anish A.U. (2021) Accepted in the journal "Pollution Research" ISSN 0257-8050.
2. Vijith H, V Prasannakumar, P. Pratheesh and **Krishnakumar K.N.** (2019). Modelling and interpretation of channel profile anomalies through stream length gradient (SL) Indexes and GIS) Accepted in the journal Environmental Research, Engineering and Management on 13.03.2019.
3. Anish A. U., Baiju K R., Midhun E.V. and **Krishnakumar K.N.** (2019). Hierarchical anomaly and Denudation index of Karuvannur River basin, Trissur District, Kerala, India. Eco-Chronicle, ISSN 0973-4155 Vol.14, No1 March 2019 pp60-65.
4. **Krishnakumar, K. N.**, Sayyida Rasala Hashmi, T. A., Jesiya, N. P. and Girish Gopinath. (2019). A Geospatial Approach for Landslide Susceptibility Assessment in Malappuram District, Kerala, India. Eco Chronicle, Volume 14 No. 2 (June, 2019)
5. B.R. Manjunatha, K.Balakrishna, **K.N. Krishnakumar**, H.V. Manjunatha, K.Avinash, A.C.Mulemane and K.M.Krishna. (2015). "Increasing Trend of rainfall Over Agumbe, Western Ghats, India in the Scenario of Global Warming" A paper in the open Oceanography Journal, 2015, 8,39-44.
6. B.R. Manjunatha, D.Venkat reddy, **K.N. Krishnakumar**, K.Balakrishna, H.V. Manjunatha and G.P.Gurumurthy. (2014). "Selection criteria for Decorative Dimension stone" A paper in the international Journal of Earth sciences and engineering (IJEE) ISSN-0974-5904. Volume07 No.2 (April 2014)pp408-414
7. **K.N. Krishnakumar**, H.Vijith, R. Manu. (2014). Landslide susceptibility Zonation map of upper catchment of Manimala river, Kottayam district, Kerala state using GIS techniques and frequency ratio method in A.P.Pradeepkumar et.al 2014 Proceedings of the Disaster Risk Vulnerability Conference-2014 conducted by Dept. of Geology, University of Kerala, India. ISBN 9788192344928, 338p.
8. H.Vijith, **K.N.Krishnakumar**, G.S.Pradeep, M.V.Ninu Krishnan and G.Madhu. (2013). "Shallow Landslide initiation Susceptibility mapping by GIS- based Weights-of-Evidence analysis of Multi Class Spatial Data Sets: A Case Study from the Natural sloping terrain of Western Ghats, India, International journal GEORISK-2013 (Taylor and Francis) <http://dx.doi.org/10.1080/17499518.2013.843437>
9. **K.N. Krishnakumar** and B.R.Manjunatha. (2012). "Geochemistry of Rain water in and around Kochy(Cochin): An industrial belt of Kerala, India" in the journal of Applied Geochemistry., Vol.14,No4 (2012) ISSN 0972-1967,pp482-495
10. **K.N. Krishnakumar**, "Sasthram Ethra Lalitham". (2012). A comprehensive text on Science in Malayalam) Vol.6 Geology, p193-222, 371-402, 777-790, DC Books Kottayam, (2012) ISBN 978-81-264-3570-8
11. **K.N.Krishnakumar**, Impact of sand mining and filling of soil in around of Kottayam District, Kerala". in the journal "Harmony" an inter disciplinary journal Published from Government college, Kottayam.

## Seminar/ Training/ Conferences

### Paper Presented

- ❖ *Geochemistry of rainwater in and around Cochin –an Industrial belt of Kerala* in the National Seminar on "Recent Advances and Future Challenges in Geochemistry and Geophysics: the Indian scenario" held at the Department of Geology, Banaras Hindu University, Varanasi on 22 – 24<sup>th</sup> February, 2012.
- ❖ *Hydrochemistry and anthropogenic signatures of the rain waters of Central Kerala, SW India;* in the Regional seminar on Water Quality Assessment & Management of Kerala State, Organized by National Institute of Hydrology, Regional Center, Belgam ,Kerala state

Irrigation department, and Kerala state Groundwater Department on 05-06, 2013 at Thiruvananthapuram.

- ❖ *Impact of wetland reclamation on local ground water levels in and around Kottayam, Kerala* in LAKE 2012: National Conference on Conservation and Management of Wetland Ecosystems organized by the School of Environmental Sciences, Mahatma Gandhi University Kottayam in association with Indian Institute of Science, Bangalore on 06 - 08<sup>th</sup> November 2012.
- ❖ Presented a paper in National seminar on Sediments and Sedimentary rocks: Resource Potential, Depositional Processes, Implications to Ecosystems and Environmental changes, Organized by Indian Association of Sedimentologist's at Department of Earth Sciences, Pondicherry University on 20-22<sup>nd</sup> December 2012.
- ❖ Presented a paper in National seminar on Geo science for disaster management, Organized by the Department of Geology, Government College Kasaragod and sponsored by University Grants Commission on 23<sup>rd</sup> and 24<sup>th</sup> March 2007 at Government College, Kasaragod.

## **Participation**

- ❖ Participated in training for empowering senior teachers (TEST) organized by the Director of Collegiate Education, Government of Kerala at Thiruvananthapuram from 23/03/2015 to 27/03/2015.
- ❖ Participated in the national seminar on “Groundwater resources of Kerala” organized by the Department of Geology, Government College Kottayam on 6-7<sup>th</sup> March, 2013.
- ❖ Attended the UGC sponsored short term course in Disaster management conducted by the UGC –Academic staff college, University of Kerala, February 2012, Karyavattom, Thiruvananthapuram.
- ❖ Attended the International workshop on disaster risk reduction and contingency planning (Surakshayanam – 2012 jointly organized by Department of revenue and Disaster management, Government of Kerala, Kerala state Disaster Management Authority and Institute of Land and Disaster Management during 9<sup>th</sup> -10<sup>th</sup> March 2012 at Thiruvananthapuram
- ❖ Participated in Disaster, Risk and Vulnerability conference 2011 organized by the school of Environmental Sciences, Mahatma Gandhi University Kottayam in association with State Disaster Management Authority – Kerala, Disaster Management cell, Indian Medical Association-Kerala and Advanced Center of Environmental Studies and Sustainable Development, Mahatma Gandhi University on March 12-14,2011.
- ❖ Attended the DST-CWRDM sponsored one-day workshop on Isotopes in Water resources Management (15.11.2011) at University of Kerala, Thiruvananthapuram
- ❖ Attended NAAC sponsored national seminar on quest for quality education: Role of IQAC in accredited institutions organized by: IQAC Newman College, Thodupuzha, March 10 & 11, 2010.
- ❖ Attended short term training programme on “NUMERICAL SIMULATION OF GROUND WATER FLOW AND MASS TRANSPORT FOR EFFECTIVE MANAGEMENT OF AQUIFERS” sponsored by Department of science and Technology (ESS Division), Government of India from August 1- 20, 2005 at Center for Earth Science Studies (CESS), Akkulam Thiruvananthapuram.
- ❖ Attended training programme on “Analytical Techniques for Water Quality Assessment for Agricultural, Industrial and Domestic Uses “organized by Center for Water Resources Development and Management (CWRDM) from 22-02-1999 to 27-02-1999.
- ❖ Attended the KSCSTE-sponsored one day-workshop on ‘Free software for Better Geospatial intelligence’ at Department of Geology, University of Kerala, Thiruvananthapuram

## **Co-Curricular and Extension Activities**

- Convener of the college planning forum (UGC) and DST/FIST.
- Acted as coordinator of Tourism club, Government college, Kottayam
- Staff coordinator of Debate club, Government college, Kottayam
- Staff editor of college magazine, Government college, Kottayam
- Staff adviser of college union, Government college, Kottayam
- Secretary to P.T.A. Government college, Kottayam,
- Staff council secretary, Government college, Kottayam.
- Secretary to college co-operative society, Government college, Kottayam
- Convener of IQAC Government College, Kottayam.

Kottayam  
**03/08/2021**

**K.N. KRISHNAKUMAR**