

Bio-data

- 1) Name : **DR. SUMEDH K. HUMANE**
 2) Name of the Department and University : Post Graduate Department of Geology,
 Rashtrasant Tukadoji Maharaj Nagpur University,
 Nagpur- 440 001(MS)
 3) Designation : **Professor**
(Since 16.06. 2018)
 4) Date of Birth : 18-03-1977
 6) Academic Qualifications : B.Sc., M.Sc. (Geology), Ph.D. (Geology), SET (Geology)
 7) Teaching Experience : ~ **24 years = 21 years** (Full time: Twenty One Years) +
 ~ 03 years (Contributory Lecturer)

Organization / Institution	Designation	Duration	Role
R.T.M. Nagpur University	Professor	Since 16.06. 2018	Teaching & Research
R. T.M. Nagpur University, Nagpur	Associate Professor	16.06.2015-15.06. 2018	Teaching & Research
R. T.M. Nagpur University, Nagpur	Assistant Professor (Stage 3)	16. 06. 2012 – 15.06. 2015	Teaching & Research
R. T.M. Nagpur University, Nagpur	Senior Lecturer in Geology (PG) (Assistant Professor; Stage 2)	16.06.2007 – 15.06. 2012	Teaching & Research
R. T.M. Nagpur University, Nagpur	Lecturer in Geology (PG) (Assistant Professor; Stage 1)	16.06.2003-15.06.2007	Teaching & Research
R. T.M. Nagpur University, Nagpur	Contributory Lecturer in Geology (PG)	August 2000 – 15 th June 2003	Teaching & Research

- 8) Course Taught & Specializations : Paleoclimates, Quaternary Geology & Limnogeology,
 Applied Micropaleontology, Sediment Geochemistry

9) Membership of Professional Organization and Participation in them:

- Member of International Paleolimnological Association (IPA)
- Member of International Association of Fossil Algae (IAFA)
- Life Fellow of “Palaeontological Society of India”, Lucknow
- Member of “International Organization of Paleobotany (IOP)”, Ohio, USA
- Life Fellow of “Indian Association of Sedimentologists (IAS)”, Aligarh
- Life Fellow of “Indian Geological Congress (IGC)”, Roorkee
- Life Fellow of “Gondwana Geological Society”, Nagpur
- Life Fellow of the “Society of Earth Scientists (SES)”, Lucknow
- Life Fellow of “Geological Association and Research Center (GAARC)”
- Life Member of “Indian Science Congress Association (ISCA)” ESS (L42574)

10) Details of Research Work:

- Guidance for Project/ Dissertation: >35
- Guided Seminar: >100 PG students.
- Geological Excursion Incharge: >10 times

11) Details of Fellowship Received:

Name of Fellowship	From	To
Junior Research Fellowship (Department of Science and Technology , Government of India) (DST Project reference number: ESS / 23 / VES / 096 / 2000)	08/02/2002	15/06/2003

14) Research Projects:

Completed: 03 (SERB, UGC, DST – FIST)

Ongoing: 02

- 1) A Minor Research Project proposal to RTM Nagpur University on “Generation of Diatom-Based Water Quality Inference Models for lakes of diverse watersheds in Central India: The functional database for the appraisal of Paleo-trophic status and Paleoclimate”. Humane, Samaya, S. (Principal Investigator) and **Humane, Sumedh K. (Co- Investigator)**, Total Outlay: 2.03Lakhs (For two years) (DOA: 02/12/2021)
- 2) A major research project sponsored by Science and Engineering Research Board (SERB) on “Cultural Responses to Climate Change in Central India during Holocene Epoch: A multiproxy study”. Humane, Samaya, S. (Principal Investigator) and **Humane, Sumedh K. (Co- Investigator)**, Total Outlay: **39,14,240/-** (Rupees thirty nine lakhs fourteen thousand two hundred forty only) (DOA: 30/12/2021, For 03 years), CRG/2021/005910 dated 27 December, 2021.

15) Edited Volume and Books Published:05

16) Editor of Journal Geosciences Research, GGS, Nagpur

17)Coordinator of Nagpur- Student Chapter of Paleontological Society of India, Lucknow

18) Total Number of Ph. D. Produced: 07

19) Total Number of Ph. D. ongoing: 04

20) Total Number of M. Phil. Produced: 03 (as a Co-Guide)

21) Participations in the Seminars/ Symposium/ Workshops: 25

22) Abroad Visits: 03

- 1) **Turkey:** Participated and Presented a research paper in the 4th International Congress on Micropaleontology, Microbiology and Meiobenthology, held at Isparta, Turkey from 13-18, September 2004.
- 2) **USA:** Participated in the International Workshop of the Aquatic Transitions Working Group at the University of Maine (Orono, ME), USA from 25-28, April, 2016 and presented a talk “Multiproxy study of lake sediments from Central India: Evidences of Aquatic Transitions”.
- 3) **UK:** Participated and attended the PAGES Human Traces Workshop, “Holocene Scale lake sediment Pb records: a database and review” at the University of Liverpool, UK from 20-22, September, 2023 and presented a talk “Pb records from lacustrine sediments of India: A Review”.

23) Chairing / Co-chairing Scientific Sessions at National/ International Seminars: 05

24) Subject Expert/Member, Selection Committee: 03

25)Participation in Refresher/ Orientation Courses: 06

26) Reviewer of research papers/ research projects: > 10 National and International Journals

- i)Gondwana Geological Magazine, Gondwana Geological Society, Nagpur; ii) Geological Survey of India, publication division, Central Region, Nagpur; iii) Geosciences Journal, Springer; iv) Chinese Journal of Oceanology and Limnology; v) Journal of Marine Sciences; vi) Journal of Geological Society of India, Bangalore; vii) Environmental Environmental Monitoring and Assessment (EMAS); viii) Geothermics; ix) Journal of Asian Earth Sciences etc.

27) Organization of Seminars/workshops/training program, etc.: 10:

28) Invited Talks: 05

29) Research Papers Published: 70 (National & International Journals)

30) Examination assignment including responsible assignments like Chief/Deputy Chief of Spot Valuation Centre etc.: 06

31) Evaluated the Ph. D. thesis: 05

32) Evaluated the M.Phil. Dissertation: 02

33) Coordinator of the NAAC of the Department of Geology, RTM Nagpur University, Nagpur 2019-2021.

34) Worked in Collaboration with:

- a) Professor Thierry Adate of the University of Lausanne, Switzerland mainly for the stable isotope studies along with the hydrogen Index and Oxygen Index, CHNS and Rock eval analyses of the various lake sediments of central India.
- b) Prof. David Ryves, University of Loughborough (UK)
- c) Dr. A. Krishnakumar, Scientist, National Centre for Earth Science Studies (NCESS), Trivendrum
- d) Prof. Subhash Sahu, Department of AIH & Archaeology, RTM Nagpur University
- e) "Aquatic Transitions Working Group" of Past Global Changes (PAGES)
- f) The PAGES Human Traces Working Group**