

Biodata of Dr.K.C.Shah

Name	Dr. Kirit Chandrakantbhai Shah
Residential Phone	+91-712-2701524
Mobile Number	09423680964
Residential Address	203, Bhagyalakshmi Apartment, Nandanwan Main Road, City: Nagpur Pin Code- 440 009, State: Maharashtra
Email Addresses	kcshahngp@rediffmail.com

Teaching Experience

Institute/College:	Shri Shivaji Arts, Commerce and Science College, Akola-444 001
Phone No.	+91-724-2410438
Fax No.	+91-724-2410438
Institute Website:	www.shivajiakola.ac.in
Institute Email Address	principal@shivajiakola.ac.in
Current Designation /Position	Associate Professor, Head, Department of Geology
Subject Specialization	Environmental Geology
No. of years of service:	29
Overall teaching Experience	Geology: Same as above; Geoexploration & Drilling Technology: 8 years; Post-graduate teaching as contributory teacher: around 5 years.

Qualification and Achievements

Degree(s)/ Diploma(s)/ Certificates obtained:

Degree/ Diploma/ Certificate	University/ Institute	Year
B.Sc.	Nagpur	1982
M.Sc.(Tech.) Applied Geology (Three yrs. Course)	Nagpur	1985
Ph.D.	Nagpur	1997
Rashtra Bhasha Prarambhik Certificate	Rashtra Bhasha Prachar Samiti , Wardha	1972
Rashtra Bhasha Pravesh Certificate	Rashtra Bhasha Prachar Samiti , Wardha	1973
Rashtra Bhasha Parichya Certificate	Rashtra Bhasha Prachar Samiti , Wardha	1974

Research Degree	Title of the Ph.D thesis	Year of Award
Ph.D.	Title of the Ph.D thesis “Impact of Coal ash pollution on environmental geochemistry of the area around Koradi Thermal Power Station, District Nagpur, Maharashtra.”	1997

Total Teaching Experience: 29 years

Under graduate (pass) Geology: 29 years

Under graduate (pass) Geo-exploration

& Drilling Technology (vocational Subject): 08years

Post-graduate Geology (Contributory teacher) : 05 years

Professional Membership(s) :

Name of Society/Association /Others	Post held	Duration
1. Gondwana Geological Society, Nagpur	-----	Life Member
2. Indian Science Congress Association, Calcutta	Elected as Sectional member of Earth System Sciences Section for 2015	Life Member,
3. Indian Water Resource Society, Roorkee	-----	Life Member
4. Indian Geological Congress, Roorkee	-----	Life Member
5. Geological Society of India, Bengluru	-----	Annual Membership
6. Indian Society of Remote	-----	Life Member
8. Marathi Vigyan Parishad, Nagpur.	-----	Life member
9. World Wide Fund for Nature, Nagpur Chapter.	-----	Life member

Honours and Awards :

Name of Honour/Award	Name of Sponsoring Organisation	Year
1. Shri Nanjibhai Muljibhai Suchak Gold Medal for award of Ph.D.	Shri Gujarati Samaj, Nagpur	1997.
2. "Best Teacher" Award	S. S. E. S. Amravati's Science College, Nagpur	2010-2011
Refresher Courses attended	Four refresher courses attended 1) April, 1993 at School of Earth Sciences, Bharthidasan University, Tiruchirapalli, T.N. 2) Oct-Nov, 1994 at Academic Staff College, Andhara University, Visakhapatnam 3) April, 1998 at Amravati University 4) August, 1998 at Academic College, Nagpur University	

Participation in National/International-level- Conference(s)/Seminar(s)/workshop(s):

Name of Conference/Seminar	Role Played	Year
1. Birbal Sahani Centenary National Symposium on "Gondwanas of India",	Participated	held at Nagpur on 16th & 17th January 1993 by Gondwana Geological Society, Nagpur.
2. Workshop on utilisation of coastal environmental maps	Participated	held on 13th October, 1995 at Maharashtra Remote Sensing Application Centre, V.R.C.E., (MRSAC), Nagpur
3. National Symposium on "Deccan flood basalts of India."	Participated	held at Nagpur on 10th & 11th March, 1996 by Gondwana Geological Society, Nagpur.
4. Workshop on IRS-1C data and its application potential	Participated	jointly organised by Maharashtra Remote Sensing Application Centre, Nagpur and National Development Council, NRCA, Hyderabad on 25th September 1996 at MRSAC, Nagpur
5. Workshop for Formulation of Master Action Plan, for the control of Fluorosis in Chandrapur District, Maharashtra.	Participated	organised by Water Supply and Sanitation Department, Govt. of Maharashtra on 25th October, 1996 at Nagpur
6. "Golden Jubilee National Symposium on Mineral Resources, Groundwater Potential and Geoenvironmental appraisal of Vidharbha.	Participated	on 29th December, 1996 at Nagpur Organised by Nagpur University Geology Department, Nagpur

7. One day workshop on “Awareness and control of fluorosis” sponsored by UNICEF, Mumbai	Participated	Organised by Research group RGNDWM (Rajiv Gandhi Drinking Water Mission, Govt. of India) project, Nagpur University Geology Department, Nagpur, on 9th & 10th May, 1997 at Nagpur.
8. Workshop on “Ground Water Recharge and Management of Water in Wardha Valley”	Participated	organised by Shri Shivaji Shikshan Sanstha, Amravati and sponsored by Maharashtra Water & Irrigation Commission, Aurangabad on 25th and 26th June 1998.
9. “National Symposium on Quaternary of India”	Participated	Organised by Nagpur University Geology Department, and Gondwana Geological Society, Nagpur on 19th and 20th February 1999 at Nagpur
10. Workshop –cum- Training, Organised by Central Groundwater Board, Nagpur on “Rainwater Harvesting”.	Participated	at Nagpur on 12th February 2002
11. Seminar on Drought and Water Resources,	Participated	Organised by Indian Water Resources Society, Nagpur Center, The Institute of Engineers (India) at Dokras Hall, Nagpur Local Centre, on 16th April, 2002, at Nagpur
12. Participated in Interactive work shop on Modern Teaching Aids (IWMTA-2003),	Participated	held at Yeshwantrao Chavan College of Engineering, Nagpur on 19th April 2003
13. “National Symposium on “Advances in Precambrian Geology and Mineral Resource Modeling of Central India”	Participated	Organised by Gondwana Geological Society, Nagpur University Geology Department Nagpur on 17th and 18th October, 2003 at Nagpur

14. Two-day NAAC sponsored National conference on “ Post NAAC Accreditation initiatives for Quality Enhancement in Higher Education and Autonomy of Higher Education Institutions.”	Participated	organized by Shri Shivaji Education Society Amravati’s SCIENCE COLLEGE, congress Nagar, Nagpur(MS) held on 21st and 22nd March,2005,at Nagpur
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15. Three Days' International conference on "Marine Hazards & Opportunities"	Participated	Organised by Federation of Indian Chambers of Commerce and Industry along with Department of Science and Technology, Govt. of India and Ministry of Ocean Development, Govt. of India from 3-5 July, 2006 at Chennai.
16. Diamond Jubilee National Symposium on "Role of Geology in the Development of Central India –A Retrospective and Potential	Participated	27-28 Dec'2006 organised by Post Graduate Department of Geology , R.T.M. Nagpur University,Nagpur
17. Attended Two-day NAAC sponsored National conference on " Students participation in quality enhancement in higher Education."	Participated	organized by Shri Shivaji Education Society Amravati's SCIENCE COLLEGE, congress Nagar, Nagpur(MS) held on 22nd and 23 rd Dec,2006,at Nagpur.
18. National Seminar on "Energy Scenario in 2020".	Power Point and Oral Presentatiom	organized by Gondwana Geological Society, Nagpur 14-15 June, 2007 at Nagpur
19. National Seminar Cum Workshop on Environment and Sustainable Development in Mineral Industry and Solid Waste Management(ESD-MISM-2011	-----"-----	Organized by Geology Depart Andhra University, Visakhapatnam,14 th & 15 th March 2011
20. UGC sponsored TWO DAYS' National Conference on BIODIVERSITY & ENVIRONMENT : Problems & Solutions	Participation	Organised by Department of Botany & Zoology , Shri Shivaji Education Society Amravati's SCIENCE COLLEGE, congress Nagar,Nagpur(MS) held on 4 & 5 th January,2008
21. UGC sponsored TWO DAYS National Seminar on "APPLICATION OF REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM".	Participation	organized by Department of Geography , Dhanwate National College, Nagpur held on28th & 29 th March, 2009

22. UGC sponsored National Conference on “Advance Material and Technology” (NCAMT-09)	Participation	organized by S.S.E.S. Amravati’s Science College, Nagpur 2009
23. International Conference, ” Higher Education: Opportunities & Road Ahead”	Participation	organized by Vidarbha Economic Development Council (VED) on 17 th & 18 th Feb.,2010,at Nagpur 2010
24. UGC Sponsored National Seminar on “Recent Trends in Bio-Geo Sciences”(RTBGS-10)	Co-chairmen	organized by M.Mohota College of Science,Nagpur,at Nagpur October 2010
25. National Seminar on “Sedimentary Basins of India:Economic Potential and Future Prospects’	Participation	Organised By G.G.S.,Nagpur ,at Nagpur 22 nd & 23 rd Oct.2010
26. UGC Sponsored National Conference on Nano Science and Technology (NCNST-2011)	Participation	Organised by S.S.E.S.Amravati’s Science College, Nagpur Feb2011
27. UGC funded National Seminar on “Examination Reforms”	Participation	organized by M.M.College of Science College, Nagpur March 2012
28. National workshop on Recent Advances in Geology of Dongargarh-Kotri Belt,Central India and its Mineral Potential	Participation	Organized by Atomic Minerals Diretorate for Exploration and Research & Gondwana Geological Society,Nagpur 21 st & 22 nd June,2012
29. National Conference on Watershed Management for sustainable Development	Oral presentation of two papers	22 nd &23 rd Feb,2013 at Shivaji Science College,Amravati
30. National Workshop on “Exploring Remote Sensing and GIS Techniques for Better Education and Governance”	Participation	The Institute of Engineers(India) Nagpur Local Centre, Indian Society of Remote Sensing(ISRS),Nagpur Chapter organized on 2 nd March,2013

31. Indian Science Congress 2015 at Mumbai University Maharashtra	Participated & Elected Sectional Member of Earth System Science Section for 2015	From 3 rd of January to 7 th Of January 2015 at Mumbai Maharashtra
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Participation in Corporate Life :	<ul style="list-style-type: none"> • Contribution to campus activities in various capacity in various Academic & Extra-curricular committees (Viz. Degree –College Examination Committee, College Admission Committee, Convener, Wall Magazine, Department of Geology, Geological Society of the Department, College Result Committee, Students’ Book bank Committee, Convener, General Quiz, Staff welfare committee and various committees constituted by college for conduct of various events)
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Research papers published in referred journals ;
Total Number of papers published: 4+2abstract

Title of Research Paper	Journal Title	Volume/Year/Page No.
“Impact of Rainy season (Monsoon) on fly ash dispersal – a case study of Koradi Thermal Power Plant, Maharashtra, .. Authored by Deshmukh A.N., Shah K.C., and Srivastava B.N. in.	Published in Gondwana Geological Magazine	vol.08, December 1994p.p.1-17
“ Coal ash –A source of fluoride pollution, A case study of Koradi Thermal Power Station, District Nagpur, Maharashtra.”,. Authored by Deshmukh A.N., Shah K.C., and Sriram Appulingam in	Published in Gondwana Geological Magazine	vol.09, June 1995p.p.21-29
“Solar Energy Utilisation Plan(SEUP): A Pilot Project for Appraisal of Solar Gadgets” Co-authored by Gajbhiye R.V., Pimpalkar R.R, and Deshmukh R.D. in June 2007.	Gondwana Geological Magazine,Nagpur (Two of the authors were B.Sc.Student of the Author)	Spl.V.9,June,2007,pp.269-272.
“Environmental Pollution, its mitigation in coalmine area: An Overview” Authored by Jaya Kodate.K.C.Shah NalandaTaksande Seema Charbe	Seminar cum workshop on Environmental and Sustainable development in Mineral Industry and Solid Waste Management Proceeding Vol.Published by The Indian Mining & Engineering Journal, Bhubneshwar. Oral presentation.	Spl. Proceeding V.2011March 2011 pp.31-35.
“Conservation of Geodiversity for protection of watershed” K.C.Shah	Abstract volume ,National conference on watershed management for sustainable development, Oral presentation. 22 nd &23 rd Feb, 2013 atShivaji Science College Amravati	Feb.2013, ISBN.978-81-926186-0-9. p.70
“Conservation of watershed-need for planned Urban growth” K.C.Shah	Abstract volume ,National conference on watershed management for sustainable development, Oral presentation. 22 nd &23 rd Feb, 2013 atShivaji Science College Amravati	Feb.2013, ISBN.978-81-926186-0-9. p.72

Whether you have been invited to present or speak on a particular topic: **Yes**

Presentation /Speech Topic	Event/Location	Date/Year
1. "Groundwater Quality Assessment" as Resource Person	Refresher Geology Geography, UGC Academic staff College, RTM Nagpur University	2006
2. "Environmental Geology : Roles of Geology & Geography" as Resource Person	Refresher Geology Geography, UGC Academic staff College, RTM Nagpur University	2009
3. "Let's know about our mother Earth" popular presentation and	"Chhandotsava" organized by Setu, a Conscious Parent Forum, Nagpur	2009

Academic /Research Projects;

Project title	Research sponsor	Period/Duration
"Environmental Impact Assessment of Urbanization of Nagpur city and area around, Nagpur District, Maharashtra, using Remote Sensing and Geographic Information System" Minor Research Project	UGC(WR),Pune	Two years from April,2012

Trainings undergone:

Nature & aspects	Organiser	Duration
1. Undergone one month short course in Computer Programming on Numerical Analysis & FORTRAN programming	at then V.R.C.E., Nagpur	in August- September, 1985
2. 4 th National Training programme on "operation, Use and Maintenance of Fluoride Testing Ion Meter- Orion(Model 720-A)" as UNICEF, Mumbai, sponsored candidate	Department of Anatomy(Fluorosis Control Cell),AIIMS, New Delhi,at New Delhi	15-5-1997 To 29-5-1997.

3.	Training on “Rainwater Harvesting”,	Organised by Central Groundwater Board, Nagpur	at Nagpur on 1 st and 2 nd February 2005
4.	Short term Refresher Course on “Analysis of pumping Test Data”	Rajiv Gandhi National Ground Water Training and Research Institute, C.G.W.B., Ministry of Water Resources, Govt. Of India at, C.G.W.B, Nagpur	29 th Nov. to 3 rd Dec., 2010
5.	One months training in basics of Remote Sensing, Digital Image Processing and hand-on experience of working with the Primewin Image Processing Software	Regional Remote Sensing Centre-NRSC, Nagpur, at Nagpur	1 st May to 30 th June, 2011
Research Guidance		<ul style="list-style-type: none"> Recognised Ph.D. guide in Faculty of science, Subject Geology in Nagpur University Worked as honorary Co-investigator in fluorosis Control Project, Nagpur University Geology Department, Nagpur, Funded by Rajiv Gandhi Drinking Water Mission, Govt. of India & UNICEF, Mumbai 	
Professional Organisation of Teachers		Life member, Nagpur University Teachers Association	

Workshop/Seminar organised

S.No.	Details	Purpose
1	Convenor, Student Environmental Awareness Workshop “ENVIRONMENTAL POLLUTION AND ABATEMENT MEASURES WITH SPECIAL EMPHASIS ON THE ROLE OF STUDENTS Arranged in collaboration with GEMS(NGO), Nagpur (operated by Alumni of the college), 25 th December, 2001 at Shri Panjabrao Deshmukh Hall, DNC, Nagpur	Student Environmental Awareness Workshop
2	As Coordinator Organised an awareness programme on “Rainwater harvesting an option for Water conservation”, in Collaboration with C.G.W.B. Nagpur, in the college on 19 th Nov. 2009.	Awareness programme “Rainwater harvesting an option for Water conservation”
3	Organised a workshop, as Convener, in the college, on “B.Sc. Geology Syllabus of	Teachers’ workshop

	R.T.M.Nagpur University: Scope & Teaching Methodology.” organized by Department of Geology on 6-7 July,2007	
4	Organised a workshop, as Convener, in the college, on “B.Sc. Geology Syllabus of R.T.M.Nagpur University” organized by Department of Geology on 24 June,2013.	Teachers’ workshop

University Participation	<ol style="list-style-type: none"> 1. Active involvement in framing of B.Sc. I, B.Sc. II& B.Sc. III Geoexploration & Drilling Technology syllabus of UGC sanctioned vocational subject of Nagpur University Board of study in the subject Geology 2. Active involvement in framing of B.Sc. I, B.Sc. II& B.Sc. III Geology syllabus of Nagpur University 3. Ex- Co-opted member of Nagpur University Board of study in the subject Geology,2000-2005 4. Ex-member of Faculty of Science, Nagpur University 2000-2005 5. Active involvement in framing of Add-on –course Groundwater Exploration” of RTM Nagpur University 6. Examiner & Paper setter for various practical and theory examinations of B.Sc. & Post graduate courses in the subject Geology of Nagpur and Amravati Universities.
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Any other information

- Worked as Co-ordinator of the subject Geoexploration & Drilling Technology in S.S.E.S. Amti's Science College, Congress Nagar, and Nagpur for the session 1998-1999
- Extension Activity: Hydrogeological and Geophysical survey at Villages Dudha and Hiwara Ashram in Buldhana District Maharashtra, during 31st March –2nd April, 2006. Two three well locations were suggested by the team. Out of which one location has been tried with very encouraging yield of groundwater.