

Detailed Bio-Data of Dr. S.F.R.KHADRI

Name: SYED FAJAL RAHIMAN KHADRI
Designation: Professor and Head
Department: P.G. Department of Geology
Institution and address: Sant Gadge Baba Amravati University, Amravati - 444 602 (MS)
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Date of birth: 13th April 1962

Educational qualifications:

| Degree | Institution | Field(s) | Year | Division/Rank |
|---------------------------------------|-----------------------------|--|------|---|
| B.Sc. | Andhra University, Waltair, | Geology, Physics & Chemistry | 1980 | First |
| M.Sc. | Andhra University, Waltair, | Geology | 1982 | First Rank with Distinction & Gold Medal (75%) |
| Ph.D. | I.I.T. Mumbai | Geology and Geophysics | 1989 | First Rank in coursework (8.69 CPI) |
| Basic Information Technology skills | University of London, U.K. | Windows XP, MSOffice, PM6.5 | 1995 | Pass |
| College certificate in computer appl. | University of London, U.K. | Computer Programming and Scientific computing skills | 1995 | Pass |

Research/training/teaching and administrative experience:

| Duration | Institution | Designation | Nature of work done |
|--------------------------|--|--------------------------------------|--|
| 08.08.1983 to 08.12.1993 | NGRI, Hyderabad | Scientific Asst | Geochemical analysis of rocks & minerals with XRF, AAS methods |
| 15.12.1983 to 31.08.1987 | IIT, Mumbai | Senior Project Assistant (NSF) | Geological, chemical, stratigraphic and Paleomagnetic work |
| 07.05.1984 to 09.07.1984 | King's college London, UK | Research Scientist | Geochemical analysis of rocks to with ICPS & AAS techniques |
| 01.09.1987 to 29.01.1989 | IIT, Mumbai | SRF (CSIR) | Petrochemical and Paleomagnetic work |
| 01.07.1992 to 01.07.1994 | IIT, Mumbai | Visiting Associate of UGC, New Delhi | PDF on Petro-chemistry and Palaeomagnetism of Malwa Traps |
| 30.12.1994 to 11.11.1995 | Royal Holloway University of London, UK | Commonwealth Academic Staff Fellow | PDF on stratigraphic, petrochemical and palaeomagnetic correlations of Malwa & Western Ghat |
| 30.5.2000 to 05.8.2000 | Royal Holloway University of London U.K. | Post-doctorial Fellow | PDF on Geochemistry, petrology and petrogenesis of Deccan traps and Northern Ireland Basalts |
| 30.01.1989 to 11.12.1996 | Vikram University | Senior Lecturer in Geology | Teaching & guidance of M.Sc., M.Sc (Tech), M.Phil and Ph.D. |
| 12.12.1996 to 11.12.2004 | Amravati University | Reader and Head | Administration, Teaching & Research |
| 12.12.2004 till date | Amravati University | Professor and Head | Administration, Teaching & Research |
| 12.2.2001 to 3.7.2006 | Amravati University | In-charge, CIC | Research, develop. & administration |
| 15.5.2007 to 16.7.2007 | IPGP, Paris, France | Invited Researcher | Palaeomag. & Deccan emplacement |
| 5.6.2007 to till date | Amravati University | Coordinator | Innovative Program of P.G.Diploma |

Ph.D. Title: "Flow Stratigraphy, Geochemistry and Palaeomagnetism of a part of Western Deccan Basalt Province, Maharashtra, India."

Research Specialization: Igneous Petrology, Geochemistry, Palaeomagnetism, Stratigraphy, Remote Sensing, Hydrogeology, Oil and Gas and Environmental Management.

Research Contribution:

Established the detailed flow stratigraphy, geochemistry and palaeomagnetism of 1650m thick basaltic lava pile in the Western Deccan Basalt Province and Malwa Traps for the first time using extensive field mapping of 4000sq.km.physiographic signatures, geochemical analysis of major, trace and rare earth elements for 1000samples and palaeomagnetic analysis for 2000specimens along with computer aided statistical techniques. Successfully completed a course in advanced analytical techniques using ICP and AAS at King's college, University of London, UK with British Council's Fellowship. Prepared detailed geological maps of Western Ghats and Malwa Traps. Carried out petrogenetic modeling and proposed various models for the petrogenesis of the Deccan Basalt Province and recognized a large-scale southerly plunging anticlinal structure. A part of this work is published as 3 research papers in memoir no: 10, Deccan Basalts, Jour.Geol.Soc.India, 1988.

Successfully completed Commonwealth Academic Staff Fellowship for one year in 1995, PDF for 2 months in 2000 at the Royal Holloway, University of London, Invited as "Invited Researcher" for two months in 2007 at the Palaeomagnetic Laboratory, IGP, Paris, France and Visiting Associate of UGC at IIT, Mumbai in the fields of Geochemistry, Petrology, Petrogenesis and Palaeomagnetism. Established stratigraphic correlation of Western Ghats and Malwa Trap sequences and proposed petrogenetic models for Deccan Traps. A part of this work is published as 2 research papers in memoir no: 43, West volume, Jour. Geol. Soc. India, 1999. At present actively engaged in establishing the flow stratigraphy, petrogenesis and palaeomagnetism of Central Deccan Traps and to correlate the stratigraphic sequence with other parts of Deccan Traps. Successfully completed UGC sponsored SAP of 22 lakhs on petrology and palaeomagnetism of Deccan Traps and established geochemical and palaeomagnetic laboratories at Vikram University, Ujjain and SGB Amravati University, Amravati with collaboration from IIT and TIFR, Mumbai.

Successfully completed two DST, one ICAR and one UGC sponsored major research projects on Deccan Traps. A part of this work was published as two research papers in memoir no: 29, Geol. Soc. India, 1994 and Bull.Geol.Assn, 1993. At present actively engaged in UGC project on Central Deccan. Successfully guided 9 Ph.Ds. 5 M.Phil. 10 M.Sc. (Tech.) and 96 M.Sc students and presently guiding 7 Ph.D. students in stratigraphy, petrogenesis, water resource and environmental management.

Awards/prizes/certificates/recognitions etc. won:

- (a) Awarded **First Rank with Distinction and Gold Medal** in M.Sc., Geology from Andhra University, Waltair (A.P.)
- (b) Awarded **British Council's Fellowship** in 1984 for training and research work in **analytical geochemistry** with **ICP and AAS** techniques at **King's college, University of London, U.K.**
- (c) Awarded **SRF** by the **NSF, USA; CSIR, New Delhi and IIT, Bombay** and established flow stratigraphy, geochemistry and palaeomagnetism of Western Deccan Basalts at IIT, Bombay.
- (d) Received "**ISCA Young Scientist Award**" by the Indian Science Congress Association, Calcutta in 1991 & "**M.P.Young Scientist Award**"by M.P.CST, Bhopal in 1990.

- (e) Awarded “**SERC Young Scientist Research Project**” by the DST, New Delhi worth 2.73 lakhs on Malwa Deccan Traps from 1991-94 and successfully completed as PI.
- (f) Awarded “**Visiting Associateship**” by the UGC, New Delhi for two years from 1992-94 to carry out PDF in stratigraphy and palaeomagnetism of Western Ghats at IIT, Bombay.
- (g) Awarded “**Commonwealth Academic Staff Fellowship**” by the ACU in United Kingdom for PDF to establish stratigraphic and palaeomagnetic correlations of Western Ghats and Malwa Traps at the **Royal Holloway University of London, UK** for one year in 1995.
- (h) Awarded the **Special Assistance Programme (DRS)** by the UGC, New Delhi to establish advanced Palaeomagnetic and Geochemical laboratories with a cost of **22 lakhs**.
- (i) Fellow and life member of Journal Geol. Soc.of India, Gondwana Geological Society, Indian Science Congress Association, Indian society of Remote Sensing, AGID, Journal of Earth Sciences and Indian Geological Congress, Mineralogical Society of India, NUTA,
- (j) Member Board of studies in Geology, Faculty of Science, Subject examination committee, Doctoral Research Committee, Admission Committee, National Science Day Celebration Steering Committee and Moderation Committee of the Amravati University, Amravati.
- (k) Successfully organized refresher course in Geomorphology and remote sensing for Geology and Geography faculty from the University and colleges from 6th April to 29th April, 1998 sponsored by Government of Maharashtra.
- (l) Established international research collaboration with Dr. J.N. Walsh from Royal Holloway University of London, UK, Prof. Paul Lyle from University of Ulster, Northern Ireland, UK, Prof. Vincent Courtillot, Director, and Prof. Frédéric Fluteau from IPGP, Paris France and Prof. P.R. Hooper from Washington State University, Pullman, USA for the last 22 years and with Prof.L.G.Gwalani, Visiting Professor, Geology Dept, University of West Australia for the last 3 years.
- (m) Successfully completed 2 MRP of DST, SAP of UGC at Vikram University, Ujjain, one of ICAR and one of UGC and two minor projects of UGC unassigned grant. At present one major project sponsored by the UGC, New Delhi is in good progress.
- (n) Successfully underwent training programme on “Applied Geologic Remote sensing” at Anna University, Chennai by UNESCO for 15 days during March 2001.
- (o) Established Consultancy cell in water resource management, dame site selection and environmental management for generating financial resources.
- (p) Established advanced rock-magnetic and Palaeomagnetic research laboratories in collaboration with TIFR and IIT, Mumbai which can cater the needs of research scholars and faculty members at Ujjain and Amravati.
- (q) Successfully coordinated DST, New Delhi Project Advisory Committee meeting at Amravati University, Amravati during 13th-14th September 2001.
- (r) Successfully headed Central Instrumentation Cell of the Amravati University as the Founder In-charge for 4½ years from 12.2.2001-3.7.2005.
- (s) Successfully running two extension activities under TRDEA approved by MC on (1) water resource development of rural part of Amravati region (2) Groundwater quality testing of the highly populated slums of Amravati City.
- (t) Received “**Best Teacher Award**” from the Amravati University in 2003 as a recognition of excellent teaching, research and extension services.

- (u) Awarded certificate of appreciation for organizing the “Aswamegh Sports Festival” as member of Invitation Committee during 28-31 December 2003.
- (v) Awarded certificate of appreciation for successfully organizing National Science Day 2005 as Convener of Nurturing Scientific temper committee.
- (w) Successfully completed 200-hour full time course on “Training of Teachers in e-Learning” at DOEACC Center, Aurangabad, during 8th August to 5th September 2005 sponsored by Deptt. of IT, Ministry of CIT, Govt. of India.
- (x) Successfully completed e-Learning certificate course on Comp TIA A+ Networking by Mind Leaders, USA.on 17th August, 2005.
- (y) Participated in the International Workshop on “Geo-science Network (GEON) Cyber Infrastructure at Hyderabad between 24-27 October 2005
- (z) Participated in the International conference on “Environmental Geosciences” during 15-16 Feb.2006 at Anna University and presented two papers.
- (aa) Successfully completed Post-doctorial Fellowship as Invited Researcher to carry out research on Palaeomagnetism and emplacement of Deccan traps for two months (15.5.2007 to 16.7.2007) at Laboratoire de Paléomagnétisme Institut de Physique du Globe de Paris, Université Paris 7, France.
- (bb) Participated in the group discussion meeting on Deccan Flood Basalts- Lava tubes and Tunnels organized by the Geological Survey of India at Pune sponsored by the DST, New Delhi from 29-31 January 2006.
- (cc) Attended the interface meeting of the UGC, New Delhi regarding the Career oriented programme at Gujarat University, Ahmedabad on 21.2.2006.
- (dd) Actively participated in the National Science day celebrations 2006 as the convener of Film show committee of during February-March 2006.
- (ee) Participated in the group discussion meeting on environmental Indian Dykes at BHU, Varanasi during 18-19 March 2006 and presented 1 research paper.
- (ff) Invited as Resource Person for Technical Training of Geoscientists under the Aquifer water Management Pilot, Jalswarajya Project of Groundwater Surveys and Development Agency, Pune, Government of Maharashtra.
- (gg) Participated in the SPSS Faculty Development Programme organized by SPSS and Department of Statistics, SGB Amravati University during 27th September and 10th and 11th October 2006 and again for 3 days in 2007.
- (hh) Participated in the International conference on “Hydrology and Watershed Management” held during 5-8 December 2006 at the Centre for Water Resources, IST, JNTU, Hyderabad and presented four research papers.
- (ii) Participated in International Workshop on “Digital Governance and Hotspot Geo-informatics for monitoring, Etiology, Early warning and Sustainable Management” held during 11-22 Dec.2006 at JalsRI Watershed Surveillance Research Institute, M.J.College, Jalgaon and presented two research papers.
- (jj) Participated in International Satellite training Programme on “Remote Sensing and GIS” by Dr. Wayne Myers, Prof. of Biometrics, School of Forest Resources and Co-Director of Remote Sensing of Earth Resources, Environ. Research Institute, Penn State University, USA during 23-26 Dec.2006 at Jalgaon.
- (kk) Chairman, Publicity and Report Committee, ICR Festival “Avishkar-2006” on “Protection of Environment and Wild Life” from 29th to 30th Dec. 2006.

- (ll) Participated the interface meeting of the UGC, New Delhi regarding the “Career oriented programme” at UGC, New Delhi on 11.1.2007.
- (mm) Participated in 3rd International .Groundwater conference (IGC-2007) on “Water, Environment and Agriculture-Problems and Challenges” during 7-10 Feb.2007 at TNA University, Coimbatore and presented 3 research papers.
- (nn) The Secretary General, Institut de Physique du Globe de Paris, France has invited as “Invited Researcher” for collaborative research on Palaeomagnetism and emplacement of Deccan for 2 months at IPGP, Paris, France.
- (oo) Awarded Innovative Programme on “P.G. Diploma in Watershed Tech. and Management” for 5 year(2007-12)as coordinator with an outlay of 65 Lakhs.
- (pp) Chairman of the XI Plan Co-ordination Committee of UGC for the SGB Amravati University constituted by the Hon’ble Vice-Chancellor.
- (qq) Participated in International Workshop on “Surveillance Hotspot Geo-informatics and digital governance” during 16-23 Dec. 2007 at Watershed Surveillance Research Institute, Jalgaon and presented three research papers.
- (rr) Underwent training in the International Workshop on “GIS and Landscape analysis” conducted by Professor Wayne Myers, Director of Biometrics and GIS Remote sensing, Penn State University, PA, USA with hands on training and practical inputs from various case studies during 10-14 March. 2008 at the Watershed Surveillance Research Institute, Jalgaon
- (ss) Underwent training in the International Workshop on “SWAT Analysis” jointly conducted by Professor Chris George, Director, International Institute of Software Technology, United Nations University, Macao, SAR, China and Dr. A. K. Gosain and Dr. Sandhya Rao from IIT, Delhi with hands on training and practical inputs from case studies 17-21 March. 2008 at Watershed Surveillance Research Institute, Jalgaon.
- (tt) Member, teaching departments building inauguration committee of the Sant Gadge Baba Amravati University, Amravati
- (uu) Chairman of the UGC XIth Plan coordination committee of the Sant Gadge Baba Amravati University, Amravati and Chairman of the Physical Sciences presentation committee.
- (vv) Received certificate of appreciation from the Hon’ble Vice-Chancellor on the eve of World Environment Day (5th June 2008) regarding the Shramadan activity carried out under the guidance of the Hon’ble Vice-Chancellor for the watershed management and maintaining the University campus clean and environmental friendly.
- (ww) Nodal Officer of the UGC XI Plan expert committee of the Sant Gadge Baba Amravati University, Amravati

Post-doctoral research/training experience:

- (a) Duration: 2 Years (1992-94)
- Institution: Department of Earth Sciences, I.I.T., Powai, Mumbai-76.
- Designation: Visiting Associate of U G C.
- Nature of work: Established the flow stratigraphy, geochemistry

- and palaeomagnetism of Western Deccan Basalt Province and developed petrogenetic models
- (b) Duration: 1 Years (1994-95)
 Institution: Royal Holloway, University of London, UK
 Designation: Commonwealth Academic Staff Fellow
 Nature of work: Carried out Post-doctoral research on Geochemistry and petrology of Deccan Traps and proposed petrogenetic models. In this study, an attempt was made to correlate the stratigraphic sequence from Western Ghats and Malwa Traps.
- © Duration: Two months (June and July, 2000)
 Institution: Royal Holloway, University of London, U.K
 Designation: Post-doctorial Fellow
 Nature of work: Carried out Post-doctoral research on correlation of geochemistry, Mineralogy, and petrology of Deccan Traps and Northern Ireland Basalts.
- (d) Duration: Two months (15.5.2007 to 16.7.2007)
 Institution: IPGP, Paris, France
 Designation: Invited Researcher (Post-doctoral Fellow)
 Nature of work: Carried out Post-doctoral research on the rock and palaeomagnetism of the Deccan Traps.

Research Guidance:

Successfully guided 9 PhDs. 5 M.Phil. 10 M.Sc (Tech) Mineral Exploration students and 50 M.Sc.dissertation and presently guiding 8 Ph.Ds

- References:**
1. Dr. J.N.Walsh, Department of Geology, Royal Holloway, University of London, Egham Hill, Egham, Surrey-TW20 OEX, United Kingdom.Tel:0044-1784-443614/443633; Fax: 0044-1784-4471780; Mobile:07734114685; e-mail: j.walsh@gl.rhul.ac.uk
 2. Dr.Paul Lyle, Geology Department, School of Built Environment, University of Ulster, 75, Belfast road, Carrickfergus, County Antrim BT38 8PH, Northern Ireland, United Kingdom.Tel/Fax: +44-02890-366228, E-mail: p.lyle@ulster.ac.uk
 3. Prof. Vincent Courtillot, Director, Institut de Physique du Globe de Paris, Place jussieu Université Paris 7, et Institut Universitaire de France Tel: 01 44 27 28 20 Fax: 01 44 27 74 63, E-mail: courtill@ipgp.jussieu.fr
 4. Prof. P. R. Hooper, Department of Geology, Washington State University, Pullman,WA 99164 2812, USA. E-mail:prhooper@mail.wsu.edu
 5. Prof. K.V.Subbarao, Professor of Eminence, Deptt .of Earth & Planetary Sciences, University of Hyderabad, Hyderabad (AP), India. Tel:09392472503 E-mail: kvsbarao_iitb@yahoo.co.in
 6. Prof. L.G. Gwalani, Department of Geology, University of Western Australia, Australia. E-mail: lalou101@hotmail.com, felsic_adventures@yahoo.com Tel: +61 (0)401 150 317
 7. Prof. Frédéric Fluteau, Professor, Laboratoire de Paléomagnétisme, Institut de Physique du Globe de Paris, Place jussieu Université Paris 7, France, Tel: 01 44 27 28 20 Fax: 01 44 27 74 63, E-mail: fluteau@ipgp.jussieu.fr
 8. Prof. G.P.Patil, Distinguished Professor of Mathematical Statistics, Director, Center for Statistical Ecology and Environmental Statistics, Editor-in-Chief, Environmental and Ecological Statistics, Department of Statistics,421 Thomas Building, The Pennsylvania State University, University Park, PA 16802,Telephone : 814/865-9442,Fax : 814/865-1278,Email : gpp@stat.psu.edu
 9. Dr._Rajan Zambre, CEO, Erallo Technologies, Inc, 20 Taylor St., Littleton, MA 01460 USA. e-mail: zambre@erallo.com

Research Projects/ Schemes Undertaken:

(I) Successfully Completed:

1. SERC Young Scientist Project of DST, New Delhi

- a. Project Title: "Flow stratigraphy, geochemistry & palaeomagnetism of Mandu Volcanics, Malwa Traps, MP and to develop constraints on its petrogenesis".
- b. Duration: 3 Years (1.7.1991- 30.6.1994)
- c. Total Cost: 2.75 lakhs

2. Major research project of UGC, New Delhi:

- a. Project Title: "Flow stratigraphy, geochemistry and palaeomagnetism of Bagli Volcanics, Malwa Deccan Traps, Madhya Pradesh and to develop constraints on its petrogenesis".
- b. Duration: 3 Years (15.5.1998- 15.5.2001)
- c. Total Cost: 2.49 lakhs.

3. Special Assistance Programme (DRS) of UGC, New Delhi:

- a. Project Title: "Petrology and palaeomagnetism of Deccan and to develop constraints on their petrogenesis".
- b. Duration: 5 Years (1.1.1994 - 1.1.1999)
- c. Total Cost: 22 lakhs

4 Major research project of DST, New Delhi:

- a. Project Title: "Flow stratigraphy, petrogenesis and Palaeomagnetism of Singarchori Volcanics, Malwa Traps, MP".
- b. Duration: 3 Years (28.9.1998- 28.9.2001)
- c. Total Cost: 6.25 lakhs

5. Major Research Project of ICAR, New Delhi

- a. Project Title: "Detailed Hydrogeological investigations of the Purna river basin, Maharashtra with special emphasis on the salinity problem and its environmental management".
- b. Duration: 3 Years (1.4.2002- 31.3.2005)
- c. Total Cost: Rs. 5,75,800.

6. Minor Research Project of Amravati University

- a. Project Title: "Detailed Hydrogeological investigations of the Purna river basin exposed near Akola District, M.S, with emphasis on salinity problem and its environmental management".
- b. Duration: 2 Years (1.4.2000- 31.3.2002)
- c. Total Cost: Rs. 50,000.

7. Minor Research Project of Amravati University, Amravati

- a. Project Title: "Flow Stratigraphy and Palaeomagnetism of Darwah Volcanics, Maharashtra".
- b. Duration: 2 Years (1.4.2002- 31.3.2004)
- c. Total Cost: Rs. 15,000.

8. Major research project of UGC, New Delhi:

- a. Project Title: "Flow stratigraphy, Petrology, Petrogenesis of Chikaldhara Volcanics, Amravati District, Maharashtra with emphasis on stratigraphic correlations of western Ghats, Central Deccan and Malwa traps".
- b. Duration: 3 Years (1.4.2005- 29.2.2008)
- c. Total Cost: 10.011 lakhs.

(II) Ongoing:

Coordinator of the Innovative programme of UGC for P.G. Diploma in Watershed Technology and Management with an out lay of 42.84 Lakhs

(III) Submitted

1. Watershed Surveillance Research Centre with an out lay of Rs.5. Crores to the Government of Maharashtra under the Silver Jubilee Programme of the Sant Gadge Baba Amravati University, Amravati.
2. Use of Modern Wireless Sensor Technology to effectively improve (1) Anganwadi operation of monitoring Child health (2) Bio-Sensors for water quality monitoring in Rural Parts of Maharashtra to the Government of Maharashtra under the Silver Jubilee Programme of the Sant Gadge Baba Amravati University, Amravati.
3. Major research projects have been submitted to DST, UGC, CSIR and ISRO for financial assistance
4. Major research Project has been submitted to Rajiv Gandhi Science and technology Commission, Mumbai

(III) Post-doctorial Research work abroad and International collaboration:

Dr. Khadri was invited by the Royal Holloway, University of London, UK to carry out Post-doctorial research in collaboration with Dr. J.N. Walsh from Royal Holloway University of London, UK and Dr. Paul Lyle from University of Ulster, Northern Ireland, UK under the Commonwealth Academic Staff Fellowship Programme. Dr. Khadri had successfully completed the PDF under International research collaboration programme for two months during June and July 2000 at Royal Holloway University of London, UK. Recently, Dr. Khadri had successfully completed PDF for 2 months (15th May to 16th July 2007) at Palaeomagnetic Lab, IPGP, University of Paris, France as an Invited Researcher.

Dr. Khadri had established research collaboration with Dr. J.N. Walsh from the Royal Holloway University of London, UK; Dr. Paul Lyle from the University of Ulster, Northern Ireland, UK; Prof. Vincent Courtillot, Director, Institut de Physique du Globe de Paris, France; Dr. P.R. Hooper from the Washington State University, Pullman, USA Professor G.P.Patil from Penn State University, USA and Dr.Rajan Zambre, Erallo Technologies, USA under the International research collaboration programme. In addition, Dr. Khadri is having research collaboration with Prof. K.V. Subbarao from IIT, Mumbai and University of Hyderabad; Professor L.G.Gwalani from University of Western Australia; Dr. K. Mahender from Goa University, Goa and Prof. S. Ramaswamy and Dr.S.M.Hussain from the Madras University, Chennai.

(IV) List candidates awarded/ongoing Ph.D under the guidance:

| S | Name | Title of Thesis | University | Year |
|---|-------------------------|--|------------|-----------------|
| 1 | Shri. B.K. Singh | Stratigraphy and Palaeomagnetism of a part of Mandu Plateau, Dhar District, M.P. | Vikram | 1993 Awarded |
| 2 | Shri. R.G. Nagar | Petrology and Palaeomagnetism of a part of Mandu Plateau, Dhar District, M.P. | Vikram | 1993 Awarded |
| 3 | Shri. P. Sreenivasa Rao | Stratigraphy and Palaeomagnetism of Deccan Volcanics around Gujri and East of Pune with emphasis on correlations between the northern and western Ghat traps. | Vikram | 1997 Awarded |
| 4 | Shri S. P. Khadse | Hydrogeological Investigations in the Kobinala & Dhawalgiri nala watersheds with emphasis on ground water management Warud Taluka, Amravati Dist. (M.S.) | Amravati | 2003 Awarded |
| 5 | Shri M.S. Deshmukh | Stratigraphic, Petrological and Hydrogeomorphic correlation of Pohra hill ranges, Amravati Dist, M.S. and Satpura Hill ranges of Salbardi area, Betul Dist. M.P. | Amravati | 2003 Awarded |
| 6 | Ms. T. M. Wagh | Petrographic and hydrogeological investigations of Uma river basin, Akola Dt, MS with emphasis on environmental management | Amravati | 2003 Awarded |
| 7 | Shri A.K. Viswanadham | Flow stratigraphy & palaeomagnetic investigations of Balgi Volcanics, Malwa Deccan Traps, M.P. and to develop constraints on its Petrogenesis. | Amravati | 2003 Awarded |
| 8 | Shri S.V. Kulkarni | Flow stratigraphy and Petrography of Muktagiri volcanics, Betul Dt. MP with water resource management. | Amravati | 2003 Awarded |
| 9 | Shri G.K. Bhore | Stratigraphy of lava flows exposed at Chikhaldara region, Amravati Dist. (M.S.) with water resource management | Amravati | 2005 Awarded |
| | | (b) On-going | | |
| 1 | Ms. T.H. Deshmukh | Hydro-Geomorphic, petrological and magnetogranulometric studies of lava flows and alluvial provinces exposed in Pedhi river basin with environmental management. | Amravati | On-going |
| 2 | Shri P.S.Gaikwad | Flow stratigraphy, petrology and palaeomagnetism of Deccan traps at Bhainsdehi region, Betul Dist. M.P. and Amravati Dist. M.S. with water resource management. | Amravati | On-going |
| 3 | Shri N.G. Bhaskar | An integrated approach for Watershed development of Wan River Basin with emphasis on hydrogeological and geophysical studies. | Amravati | On-going |
| 4 | Shri B.M.Thakur | Hydrogeological investigations of Gyanganga and Bordi river basins, Buldhana districts with reference to groundwater quality and environmental management | Amravati | On-going |
| 5 | Shri N.R.Kokate | Hydrogeological studies on Morna river basin, MS with reference to water resource management | Amravati | On-going |
| 6 | Shri G.V. Pradhan | Petrology, Stratigraphy and Palaeomagnetism of Khangdo volcanics, Gavilgarh hill range, Amravati district, (MS) | Amravati | On-going |
| 7 | Shri N.S. Ingle | Flow stratigraphy and Palaeomagnetism of Narnala Fort Volcanics, Amravati and Akola districts, Madhya Pradesh | Amravati | On-going |

LIST OF PUBLICATIONS OF DR. S.F.R.KHADRI:

(i) REFERRED JOURNALS (International and National):

1. Reconstructing the eruptive history of the Deccan Traps: (II) Constraints from Palaeomagnetic secular variation in 12 new sections and synthesis for a 3600m thick composite section. (With Anne-Lise Chenet, Vincent Courtillot, Frédéric Fluteau, Martine Gérard, Xavier Quidelleur and K.V. Subbarao), Journal Geophysical Research (In Press).
2. Magnetostratigraphy of the upper formations of the Deccan Traps: An attempt to constrain the timing of the eruptive sequence (with Chenet, Anne-Lise; Courtillot, Vincent; Fluteau, Frederic; Besse, Jean; Subbarao, K.V; Bajpai, Sunil and Jay, Anne) Paper No: 37-6 presented at Earth System Processes 2, a meeting co-convened by Geol. Soc. of America and Geol. Asso. of Canada in Calgary, Alberta, Canada on 10th August 2005. Abstract, Geological Society of America, USA.
3. What's new about the Deccan traps emplacement? An attempt to estimate the eruptive sequence of lava emplacement. (With Chenet, Anne-Lise; Courtillot, Vincent; Fluteau, Frederic; Besse, Jean; Subbarao, K.V;) Paper No: 86-52 presented at AGU Fall meeting held at San Francisco, USA 5-7 Sept. 2005. Abstract Published in the EOS Trans, AGU
4. Preliminary Petrographic and Palaeomagnetic studies of lava flows around Boral region, Chikaldhara Plateau, Amravati District. MS, SGB Amravati University Journal Vol: 3(1), 2008.
5. Geophysical and hydro geological study of Mandu Plateau, Dhar District, M.P., India., Macmillan Advanced Research Series on "Groundwater Resource Assessment, Recharge and modeling" (Editors: Ranghaswami, Palanisami and Mayilswami) Macmillan India Limited, pp:34-44, 2008
6. Magnetic Stratigraphy of Tharwar Volcanics, West Nimar District, Madhya Pradesh with emphasis on Rock- Magnetism and Palaeomagnetism. Gondwana Geological Magazine, Vol:21(1), 2006, pp:27-36.
7. Palaeomagnetic and Magneto-stratigraphic investigations of the Singarchori Volcanics, Dhar District, M.P., India. Ind. Jour. of Geochemistry, Vol: 19, pp: 35-51, 2004.
8. Flow stratigraphy of Malwa Traps around Singarchori Region, Dhar District, Madhya Pradesh, India, Ind. Jour. of Geochemistry, Vol: 19, pp: 53-72, 2004.
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(ii) Papers under Publication in Foreign Journals

1. Geochemical correlations of the lava flows from Deccan Traps, India and Northern Ireland Basalts, UK. Paper to be submitted to Mineralogy and Petrology, Austria.
2. Water Resource management of the Akot region, Akola District, (MS) with reference to groundwater quality. Paper submitted to Journal of Hydrology.

(iii) Books under Publication:

1. Field excursion guide to Western Deccan Basalt Province (With K.V. Subbarao, M.S.Bodas, J.E.Beane and M.Widowson), Jour.Geol. Soc. of India, 106p (In Press).

(II) International Conferences/Seminar proceedings:

- 1 Characterization of groundwater resource and estimation of aquifer parameters in basaltic rock terrain, eastern part of Amravati Dt., MS Proc. Vol. Inter. conf. on “Integrated water resource management for sustainable development” (ICIWRM–2000) at Delhi 19-21, Dec, 2000.pp: 260-268.
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(III) National Seminars/Conferences/ Seminar proceedings:

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