

DR. ASHOK K. SRIVASTAVA

Professor, P G Department of Geology
Chairman, RESEARCH CELL
Coordinator, NET Coaching Classes for SC/ST/OBC
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1. PERSONAL

1. Date of birth : 01. 6. 1960
2. Nationality : Indian
3. Category : Open
4. Religion : Hindu (Kayastha)
5. Address
 - a) Office : P G Department of Geology
Sant Gadge Baba Amravati University
Amravati - 444602, Maharashtra, India
 - b) Residence : 3A, Yogiraj Nagar, Tapowan area
Camp, Amravati – 444602, Maharashtra, India

2. ACADEMIC QUALIFICATIONS

- H. Sc. (High School) 1974 DAV Intermediate College, Gorakhpur, U P
- S. Sc. (Intermediate) 1977 DAV Intermediate College, Gorakhpur, U P
- B. Sc. (Zool., Bot., Chem.) 1979 Gorakhpur University, U P
- B. Sc. Condense Course (Geology) 1980 Lucknow University, Lucknow
- M. Sc. (Geology) 1982 Lucknow University, Lucknow
- Proficiency Course (German Language) 1989 Lucknow University, Lucknow

- Ph. D. (Geology) 1991, Lucknow University, Lucknow on the topic entitled “**Sedimentological studies of the Triassic succession of Malla Johar area, Tethys Himalaya, Uttar Pradesh with special reference to diagenesis**” under the supervision of Prof. S. Kumar, Department of Geology.

3. DETAILS OF APPOINTMENTS

- a) **Professor of Geology**, SGB Amravati University, Amravati (Dec. 2008 – Till date).
- b) **Reader in Geology**, SGB Amravati University, Amravati (Dec. 2000 – Dec. 2008).
- c) **Senior Lecturer in Geology**, Amravati University, Amravati (Dec. 1996 - Dec. 2000).
- d) **Lecturer in Geology**, Amravati University, Amravati (Dec. 1991 - Dec. 1996).

4. PROFESSIONAL EXPERIENCES

1. Teaching : **22 years** (M. Sc., M. Phil., P. G. Diploma in Watershed Technology and Management)
2. Research : **27 years** (Sedimentology, Palaeobiology , Hydrogeology)
3. Administrative : **05 years** (Head, Department of Geology, SGB Amravati University, Amravati)

5. TEACHING ASSIGNMENTS

- M. Sc., Geology (Sedimentology, Palaeobiology, Stratigraphy, Economic Geology - **22 Years**)
- M. Phil. Geology (Sedimentology, Palaeobiology, Hydrogeology) - **01 Year**
- P. G. Diploma in Watershed Tech. & Mgt. (Physical Geology, Remote Sensing) - **05 Years**

6. AREA OF RESEARCH INTEREST: Antarctica, Tethys Himalaya, Gondwana, Lameta, Intertrappeans, Purna alluvial basin

- **SEDIMENTOLOGY:** Carbonate petrology, Basin analysis, Ichnology, Fluvial sedimentology
- **PALAEOBIOLOGY:** Megafloral and faunal remains
- **HYDROGEOLOGY:** Morphometry, Water quality analysis, Hydrogeomorphology
- **ANTARCTICA SEDIMENTOLOGY:** Glacial sediments

7. MEDALS/AWARDS/ACADEMIC DISTINCTIONS

- a) **Chairman, RESEARCH CELL**, SGB Amravati University, Amravati (2012- till date)

- b) **Member, Organizing Committee, National Conference on Watershed Management for Sustainable Development (WMSD-2013, Organized by S S College, Amravati, CGWB, Nagpur and GSDA, Amravati, 2013.**
- c) **Member, Executive Council, Palaeontological Society of India, Lucknow (2009-2010).**
- d) **Member, National Advisory Committee of National Seminar on 'Sedimentary Basins of India' organized by RTM Nagpur University, Nagpur, 2010.**
- e) **Chairing of Session at National Seminar on 'Sedimentary Basins of India' organized by RTM Nagpur University, Nagpur, 2010.**
- f) Recommended for '**Commonwealth Academic Fellowship - 2004**' by UGC, New Delhi.
- g) Awarded '**Certificate of Appreciation - 2002**' by Department of Ocean Development, Ministry of Earth Sciences, Government of India, for successful completion of **21st Indian Antarctic Expedition**, as **Member**, Indian Scientific Expedition to Antarctica.
- h) **Member, Panel discussion on 'Groundwater salinity in Purna Alluvial Basin' during National Symposium on," Groundwater Salinity, Water Resource Development and management of Purna Alluvial Basin, Maharashtra," Organized by Government College of Engineering, Amravati, dated 28-29 Jan. 1999.**
- i) Awarded '**SERC Visiting Fellowship - 1998**' by Department of Science and Technology, New Delhi.
- j) Awarded '**Senior Research Fellowship**' from Council of Scientific & Industrial Research, New Delhi (1985 - 1988).

8. ACADEMIC RECOGNITION

- Ph. D. & M. Phil. Guide of SGB Amravati University, Amravati.
- Referee for evaluation for Ph. D. and M. Phil. thesis of Nagpur University, Pune University, Lucknow University and Mysore University.
- Valuer/Examiner of Amravati University, Nagpur University, Pune University, Lucknow University, Barkutallah University, Raipur University etc.

9. TRAINING PROGRAMMES/REFRESHER COURSES ATTENDED

- Attended advance level **Training of Trainers** programme on '**Disaster Management**' organized by Divisional Commissioner office, Amravati (March 5 - 7, 2012).
- Attended training program on '**Disaster Management**' organized by Academic Staff College, SGB Amravati University, Amravati (Feb. 25 - March 1, 2012).

- Attended training program on '**Geological Remote Sensing and GIS**' conducted by ISRO-NNRMS at Geology Department, Anna University, Chennai (June 2 - 21, 2004).
- Basic training on '**Fire Fighting & Fire Prevention**' at M/s Sea Scan Marine Services Pvt. Ltd., Panaji, Goa, India (Jan. 2002).
- Attended '**Snow-Ice Acclimatization Training**' at Indo-Tibetan Border Police (ITBP) Camp, Auli, Joshimath, Garhwal (Oct. 2001).
- **Refresher Course** in Geology, Lucknow University, Lucknow, 1- 28 Nov. 1995.
- **Refresher Course** in Geology, Amravati University, Amravati, 6 - 29 April 1998.
- **M. Sc. Subject Communication (Geology)** course from Yashwantrao Chavan Maharashtra Open University, Maharashtra, in the year 2003 (equivalent to two Refresher Courses).

10. RESEARCH EXPERIENCE: 27 years

- Papers published : **33**
- Paper published in conference/Seminar : **17**
- Ph. D. awarded : **06 + 03**
- Projects completed : **06** (02 DST, 03 UGC, 01 CSIR)
- Project reports : **03** (02 DST + 03UGC + 01 CSIR)
- M. Phil. : **03**
- M. Sc. desertions : more than **100**

10.1 RESEARCH PUBLICATIONS: 33 (29 National + 04 International)

1. Kumar, S. and Srivastava, A.K. 1989, Trace fossils from the Cretaceous succession of Malla Johar area, Tethys Himalaya, Uttar Pradesh. *Jour. Pal. Soc. Ind.*, Vol. 34, pp.115-128.
2. Srivastava, A.K. and Kumar, S. 1990. The Chocolate Formation (Scythian) in Painkhonda section, Malla Johar area, Kumaon Himalaya, Uttar Pradesh; a comment. *Jour. Pal. Sci. Ind.*, Vol. 35, pp.197-200.
3. Srivastava, A.K. and Kumar, S. 1992, Trace fossils from the Muth Quartzite of Malla Johar area, Tethys Himalaya, India. *Jour. Geol. Soc. Ind.*, Vol. 40, (1), pp. 43-47.
4. Srivastava, A.K. and Kumar, S., 1992, Trace fossils horizons in the Kalapani Limestone (Lower to Middle Triassic) of Malla Johar area, Kumaon Himalaya, Uttar Pradesh. *Ind. Jour. Geol.*, Vol. 64, (2), pp. 216-222.

5. Srivastava, A.K., Banubakode, P.D. Kale, V.M. and Patil G.V., 1995, Record of the plant fossils from Upper Gondwana succession (Lower Cretaceous) of Bairam-Belkher area, district Betul, Madhya Pradesh and district Amravati, Maharashtra. *Curr. Sci.*, Vol. 69(5), pp. 397-400.
6. Srivastava, A.K., Kale, V.M., Banubakode, P.D. and Patil, G.V. 1996, Record of trace fossils from Upper Gondwana succession (Lower Cretaceous) of Bairam-Belkher area, district, Betul, Madhya Pradesh and district Amravati, Maharashtra, *Gond. Geol. Mag.*, Vol. 11, pp. 33-44.
7. Srivastava, A.K., Banubarkode, P.D., Kale, V.M. and Patil, G.V., 1999, Lower Cretaceous plant fossils from Upper Gondwana succession of Bairam-Belkher area, district Beitul, Mahdya Pradesh and district Amravati, Maharashtra and its significance in stratigraphy. *Palaeobotanist*, Vol. 48. pp. 39-38.
8. Srivastava, A.K., Manik, S.R., Patil, G.V. and Gawande, R.R., 2001, Record of genus *Hausmannia* Dunker from the Upper Gondwana of Bairam-Belkher area, Amravati district, Maharashtra and Betul district, Madhya Pradesh. *Curr. Sci.*, Vol. 81(7), pp. 756-757.
9. Gawande, R.R., Srivastava, A.K. and Jeyaram, A., 2002, Geological, geomorphological and land use/land cover studies around Kamthi area, Nagpur district, Maharashtra using remote sensing techniques. *Jour. Ind. Soc. Rem. Sens.*, Vol. 30 (1 & 2), pp. 95-105.
10. Srivastava, A.K. and Kumar, S., 2004, Facies and environment of deposition of the Triassic succession of the Malla Johar area, Kumaon Tethys Himalaya. *Jour. Pal. Soc. Ind.*, Vol.40, pp. 95-123.
11. Srivastava, A.K., Manik, S.R. Patil, G.V. and Gawande, R.R., 2004, The genus *Araucarites* from Upper Gondwana of Bairam-Belkher area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. *Palaeobotanist*, Vol. 53, pp. 91-95.
12. Srivastava, A.K., Manik, S.R. and Gawande, R.R., 2004, Pteridophytic remains from Upper Gondwana succession of Bairam-Belkher area, districts Amravati, Maharashtra and Betul, Madhya Pradesh, *Geophytology*, Vol. 34, pp 105-114.
13. Srivastava, A .K., Manik., S.R. and Gawande, R.R., 2004, Lithofacies architecture of the Upper Gondwana succession of Bairam-Belkher area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. *Ind. Assoc. Sediment.*, Vol. 23(1&2), pp. 79-86.
14. Srivastava, A. K. and Gawande, R. R., 2006, Petrography of Upper Gondwana sediments (Early Cretaceous) of Bairam-Belkher area district Amravati, Maharashtra and district Betul, Madhya Pradesh. *Gond. Geol. Mag.*, Vol. 21(1), pp. 1-12.
15. Srivastava, A. K., Manik, S. R. and Gawande, R. R., 2007, Diversity of gymnospermous plant remains from Upper Gondwana (Early Cretaceous) succession of Bairam-Belkher area district Amravati, Maharashtra and district Betul, Madhya Pradesh. *Phytomorphology*, Vol. 57(3&4), pp. 153-163.
16. Srivastava, A. K., 2007, Detailed sedimentological studies of the glaciogenic sediments of Schirmacher Oasis, Antarctica. *25st Indian Expedition to Antarctica, Tech. Publ.*, Vol. 25, pp.239-261.

17. Srivastava, A. K. and Mankar, R. S., 2008, Lithofacies, depositional environment of the Upper Gondwana succession (Early Cretaceous) of Salbardi area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. *Jour. Geol. Soc. Ind.*, Vol. 72, pp. 190-198.
18. Srivastava A. K. and Mankar R. S., 2009, Grain size analysis and depositional pattern of Upper Gondwana sediments (Early Cretaceous) of Salbardi Area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. *Jour. Geol. Soc. Ind.*, Vol. 73, pp. 393-406.
19. Srivastava, A. K. and Khare, N., 2009, Granulometric analysis of glacial sediments, Schirmacher Oasis, Antarctica. *Jour. Geol. Soc. Ind.*, Vol. 73, pp. 609-620.
20. Srivastava, A. K., Parimal, P. S., Mankar, R. R. and Kale, V. M., 2009, Evaluation of groundwater quality in shallow and deep aquifers of Purna alluvial basin, Maharashtra. *Gond. Geol. Mag.*, Vol. 24(1), pp. 41-49,
21. Srivastava A. K. and Mankar R. S., 2009, Grain size analysis and depositional environment of Lameta sediments exposed at Salbardi and Belkher, Amravati districts, Maharashtra and Betul district, Madhya Pradesh. *Ind. Assoc. Sediment.*, Vol. 28(1), pp. 73-83.
22. Srivastava, A. K. and Mankar R. S., 2009, Heavy minerals from the Upper Gondwana sediments exposed along Salbardi fault, Maharashtra and their significance in identification of provenance. *Gond. Geol. Mag. Vol. 24 (2)*, pp. 109-116.
23. Srivastava, A. K., Ingle, P. S. and Khare, N., 2010, Textural characteristics, distribution pattern and provenance of heavy minerals in glacial sediments of Schirmacher Oasis, East Antarctica. *Jour. Geol. Soc. Ind.*, Vol. 75, pp. 393-402.
24. Srivastava, A. K. and Kale, V. M., 2010, Sediment characteristics and depositional environment of Purna alluvial basin, Maharashtra. *In: Sedimentary Basins of India (Eds. Kundal, P. and Pophare, A. M.)*, *Gond. Geol. Mag., Spec. Vol. 12*, pp. 293-302.
25. Srivastava, A. K. and Mankar, R. S., 2010, Sedimentological studies and trace fossils of the Lameta successions of Bairam, Belkher and Salbardi area, district Amravati, Maharashtra, *In: Sedimentary Basins of India (Eds. Kundal, P. and Pophare, A. M.)*, *Gond. Geol. Mag., Spec. Vol. 12*, pp. 209-224.
26. Srivastava, A. K., 2010, Fluvial traces from Upper Gondwana (Early Cretaceous) sediments of central India, Maharashtra, *Jour. Pal. Soc. Ind.*, Vol. 55 (2), pp. 45-55.
27. Srivastava, A. K., Khare, N. and Ingle, P. S., 2011, Characterization of clay minerals in the sediments of Schirmacher Oasis, East Antarctica: their origin and climatological implications. *Curr. Sci.*, Vol. 100 (3), pp. 363-372.
28. Srivastava, A. K. and Mankar R. S., 2011, Record of trace fossils from the Lameta successions of Salbardi and Belkher area, district Amravati, Maharashtra and their palaeoecological and palaeoenvironmental significance. *Arabian Jour. Earth Sci.* (DOI. 10.1007/s/12517-010-0267-2).
29. Srivastava, A. K., Randevee, K. R. and Khare, N., 2012, Mineralogical and geochemical studies of glacial sediments from Schirmacher Oasis, East Antarctica, *Quat. Internat.* <http://dx.doi.org/10.1016/j.quaint.2012.07.028>.

30. Srivastava, A. K., Ingle, P. S., Lunge, H. S. and Khare, N., 2012, Grain-size characteristics of deposits derived from different glacial environments of the Schirmacher Oasis, East Antarctica, *Geologos*, Vol.18, (4), pp. 251–266.
31. Srivastava, A. K. and Rai, M., 2012, Review: Sugarcane production: Impact of climate change and its mitigation, *Biodiversitas*, 13(4), pp. 214-227.
32. Srivastava, A. K., Parimal, P. S. and Kale, V. M., 2012, Grain-size Characteristic and Pattern of sedimentation in main channel of Purna river, Maharashtra. *Gond. Geol. Mag.*, (In press).
33. Srivastava, A. K. and Mankar, R. S., 2012, Field observations, petrography and diagenesis of Lameta sediments exposed at the northern boundary of district Amravati, Maharashtra. *Gond. Geol. Mag. (In Press)*

Papers presented in Conferences/Seminars

1. Srivastava, A.K. and Mukherjee, D.M., 1998, Hydrogeology of the Painganga river basin, Maharashtra with special reference to development, conservation and management of groundwater, Symposium on "Irrigation, Corp Pattern and Watershed Management, Painganga basin," Organised by Maharashtra Watershed & Irrigation Commission, Amravati, 21-21 June, 1998 pp. 7-17 (full paper).
2. Sonule S.S. and Srivastava, A.K., 1998, Morphometric analysis of the Purna river basin, Symposium on "Groundwater Recharge & Watershed Management, Wardha basin". Organized by Maharashtra Watershed & Irrigation Commission, Amravati 25-26 June, 1998. pp 51-61 (full paper).
3. Srivastava A.K., Mukherjee, D.M. and Tidke, P.S. 1998, Artificial recharging of Purna saline tract – a possible remedial measure for desalination. Symposium on "Groundwater Recharge & Watershed Management, Wardha basin". Organized by Maharashtra Watershed & Irrigation Commission, Amravati 25-26 June, 1998 pp. 252-260 (full paper).
4. Srivastava A.K., Mukherjee D.M., Thakare, C.S., Tidke, P.S., 1999, Groundwater development and water resource management of Purna alluvial basin, Maharashtra, Symposium on "Groundwater & Watershed Management" Organized by Jaihind Science Collage, Dhule. 11-12 Jan 1999, pp. 123-124 (full paper).
5. Srivastava, A.K., Mukherjee, D.M. and Tidke, C.S. and Tidke, P.S., 1999, A multivariate approach for reducing the ground water salinity problem of Purna alluvial basin, Maharashtra., National Symposium on "Groundwater Salinity, Water Recharge, Development and Management of Purna Alluvial Basin, Maharashtra" Organized by Government Collage of Engineering, Amravati. 28-29 Jan. 1999. pp. 55-63 (full paper).
6. Srivastava, A.K., Mukherjee, D.M., Thakre, C.S., Tidke, P.S. and Kulkarni, P.S. 1999, Qualitative analysis of sub- surface water of Walgaon area, district Amravati, Maharashtra, National Symposium on "Groundwater Salinity, Water Recharge, Development and Management of Purna

Alluvial Basin, Maharashtra” Organized by Government Collage of Engineering, Amravati. 28-29 Jan. 1999, pp. 165-173 (full paper).

7. Srivastava, A. K., Manik, S. R. and Gawande, R. R. 2001, Lithofacies architecture of the Upper Gondwana succession of Bairam-Belkher area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. XVII Convention of Indian Association of Sedimentologists, Organized by Department of Geology, Aligarh Muslim University, Aligarh, pp. 69 (abstract).
8. Srivastava, A. K., Manik, S. R. and Gawande, R. R., 2001, Feeding and resting traces from Upper Gondwana (Early Cretaceous) fluvial sediments of Bairam-Belkher area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. XVII Convention of Indian Association of Sedimentologists, Organized by Department of Geology, Aligarh Muslim University, Aligarh, pp. 70 (abstract).
9. Srivastava, A. K., Manik, S. R., Gawande, R. R. and Patil, G. V., 2002, Pteridophytic remains from Upper Gondwana of Bairam- Belkher area districts Amravati, Maharashtra and Betul, Madhya Pradesh, National Conference on “Biodiversity – Past and Present”, The Palaeobotanical Society, Lucknow, pp. 66-67 (abstract).
10. Srivastava, A. K., Manik, S. R. and Gawande, R. R., 2003, A comparative assessment of palaeofloristic evidences from Early Cretaceous of Central India with special reference to district Betul, Madhya Pradesh, International Conference on “Changing scenario palaeobotany and allied subjects”, 15-16 Nov. 2003, BSIP, Lucknow (abstract).
11. Srivastava, A. K., Manik, S. R. and Gawande, R. R., 2005, Megafloral Diversity of Upper Gondwana succession (Early Cretaceous) of Bairam-Belkher area, district Amravati, Maharashtra and district Betul, Madhya Pradesh, International conference on “Modern trends in plant sciences with special reference to the role of biodiversity in conservation”, 17-20 Feb. 2005, Department of Botany, Amravati University, Amravati, pp. 149 (abstract).
12. Srivastava, A. K. and Manik, S. R. 2006, Floral Diversity of Upper Gondwana succession (Early Cretaceous) near Achalpur fault, Amravati, district, Maharashtra. International Conference organized by BSIP, Lucknow, 154 (abstract).
13. Srivastava, A. K. and Parimal, P. S. 2007, Geohydrochemistry of saline ground water, Purna alluvial basin, Maharashtra, Paper No. 238, WEEE-2007, National Institute of Hydrology, Roorkee (abstract).
14. Srivastava, A. K. and Manik, S. R. 2008, Comparative floristic study of the Uppermost Gondwana successions of Central India, International Conference on “Plant life through ages”, organized by BSIP, Lucknow, and 16-17 Nov. 2008 (abstract).
15. Srivastava, A. K. and Kale, V. M., 2010, Sediment characteristics and depositional environment of Purna alluvial basin, Maharashtra. National Conference on “Sedimentary Basins of India”, Organized by Department of Geology, Nagpur University, Nagpur (abstract).
16. Srivastava, A. K. and Mankar, R. S., 2010, Sedimentological studies and trace fossils of the Lameta successions of Bairam, Belkher and Salbardi area, district Amravati, Maharashtra,

National Conference on “Sedimentary Basins of India”, Organized by Department of Geology, Nagpur University, Nagpur (abstract).

17. Srivastava, A. K. Bejalwar, A. P. and Mankar, R. S., 2012, Depositional environment of the Lameta sediments exposed around the Satpura fault, eastern Maharashtra, National Seminar on ‘Sediments and Sedimentary Rocks: Resource Potential, Depositional Processes, Implications to Ecosystem and Environmental Changes’ Organized by Department of Earth Sciences, Pondicherry University and XXIX Convention of Indian Association of Sedimentologists. 20-21 Dec., 2012 (abstract).

10.2 Ph. D. SUPERVISED: 06 (Awarded) + 03 (In progress)

- 1) Facies architecture, palaeoclimate and palaeoecology of the Upper Gondwana (Early Cretaceous) sediments of Bairam – Belkher area, district Amravati, Maharashtra and district Betul, Madhya Pradesh (**Dr. R. R. Gawande, 2002**).
- 2) Petrological and geochemical studies of the Gondwana sediments, Salbardi area district Amravati, Maharashtra and district Betul, Madhya Pradesh with special reference to the environment of deposition (**Dr. P. S. Rawale, 2004**).
- 3) Planning, management and rational development of groundwater resource of Purna valley, Maharashtra with special reference to the geohydrochemistry of the basin (**Dr. M. A. Siddiqui, 2007**).
- 4) Sedimentological studies of the Purna Basin with special reference to the environment of deposition (**Dr. V. M. Kale 2010**).
- 5) Petrography, lithofacies analysis and depositional environment of Lameta successions exposed on the northern boundary of district Amravati, Maharashtra (**Dr. R. S. Mankar, 2012**).
- 6) Major ion chemistry in groundwater of Purna alluvial basin, Maharashtra (**Dr. P. S. Parimal, 2012**).
- 7) Petrography, geochemistry, heavy mineral and lithofacies analysis of Quaternary sediments, Purna alluvial basin, Maharashtra with special emphasis on pattern of sedimentation (**Varade, A. M., In progress**).
- 8) Sedimentological and palaeobiological studies of the Intertrappean beds, district Yeotmal, Maharashtra with special emphasis on environment of deposition (**Bejalwar, A. P., In progress**).
- 9) Petrography, geochemistry, chronology and genesis of calcretes from Quaternary alluvial sediments of Purna Basin, Maharashtra (**Bansod, M., In progress**).

10.3 M. Phil. SUPERVISED: 03

- 1) Lithofacies analysis, petrography and fossil biota of the Intertrappean beds, Kalamb and adjoining area, district Yeotmal (**Bejalwar, A. P., 2009**).
- 2) Groundwater quality analysis of Katepurna basin, Murtizapur, district Akola (**Bansod, M., 2009**).
- 3) Detailed hydrological study of the Ghan watershed, Purna basin, Maharashtra with special reference to ground water quality (**Ambade, S., 2009**).

10.4 RESEARCH PROJECTS COMPLETED: 05 (Completed) + 01 (Ongoing)

2011 – 2014 (Ongoing)

1. Major research project entitled “Palaeogeographic reconstruction during Upper Cretaceous-Early Tertiary Period through sedimentology of the Lameta and Intertrappean sediments, Eastern Maharashtra, Central India” awarded by UGC, New Delhi, (Cost - Rs. 9,61,800/-).

2006 – 2009 (Completed)

2. Major research project entitled “Identification of palaeoclimatological and palaeoecological phases during the deposition of Upper Gondwana succession exposed near Achalpur fault, Satpura basin, Maharashtra” awarded by UGC, New Delhi, (Cost - Rs. 10,12,000/-).
3. Major research project entitled “Sedimentological studies of the glaciogenic sediments, Schirmacher Oasis, East Antarctica” awarded by CSIR, New Delhi, (Cost - Rs. 7, 50,000/-).

2006 – 2007 (Completed)

4. Pilot project entitled “Hydrogeochemistry of the inland saline ground-water of Purna alluvial basin” awarded by DST, New Delhi, (Cost - Rs. 80, 000/-).

1998 – 2002 (Completed)

5. Major research proposal entitled “Study of fossil biota from Gondwana rocks of district Betul, M.P. and its possible implications on Gondwana palaeogeography” awarded by DST, New Delhi, (Cost - Rs. 7,74,000/-).

1995 – 1997 (Completed)

6. Minor research project entitled “Sedimentological studies of the Upper Gondwana rocks, exposed on the northern boundary of Purna basin, Maharashtra with special reference to the depositional environment” awarded by UGC, New Delhi, (Cost - Rs. 20,000/-).

10.5 REVIEWER FOR RESEARCH JOURNALS

1. Gondwana Geological Magazine, Nagpur

2. Journal Geological Society of India, Bangalore
3. Current Science, Bangalore
4. Journals of Palaeontological Society of India, Lucknow
5. Indian Association of Sedimentologists, Aligarh
6. Amravati University Research Bulletin, Amravati
7. Ichnos, United Kingdom

10.6. FELLOWSHIP AND MEMBERSHIP OF LEARNED SOCIETIES

1. Life Member - Geological Society of India, Bangalore
2. ---,, ---- - Palaeontological Society of India, Lucknow
3. ---,, ---- - Indian Association of Sedimentologists, Aligarh
4. ---,, ---- - Gondwana Geological Society, Nagpur
5. ---,, ---- - Indian Science Congress, Kolkata
6. ---,, ---- - Indian Geological Congress, Roorkee
7. Member - Current Science Association, Bangalore

11. SEMINAR/SYMPOSIUM/WORKSHOP/REFRESHER COURSE ORGANIZED: 06

- One day regional workshop entitled “**Photogeology and Its Application**” has been organized at Department of Geology, Amravati University, Amravati (Feb. 1996).
- **Refresher Course in Geology**, organized by Amravati University, Amravati, 6 - 29 April 1998.
- Two days National Seminar entitled “**Ground water salinity, water resource development and management of Purna alluvial basin, Maharashtra**” has been organized at Govt. College of Engineering, Amravati as Organizing Secretary (Jan. 1999).
- Organized local level workshop on “**Geology and Common Man**” at P. G. Department of Geology, Amravati University, Amravati (Sept. 2001).
- Organized local level workshop on “**Career in Geology**” at P. G. Department of Geology, SGB Amravati University, Amravati (Feb. 2007).

- Organized local level workshop on “**Employment Opportunities in Geology**” at P. G. Department of Geology, SGB Amravati University, Amravati (Dec. 2008).
- Organized National Seminar on ‘**Sedimentary Basins of India**’ organized by RTM Nagpur University, Nagpur, 2010.
- Organized National Conference on “**Watershed Management for Sustainable Development (WMSD-2013)**”, Organized by S S College, Amravati, CGWB, Nagpur and GSDA, Amravati, 2013.

12. NEW COURSES/PAPERS STARTED, CURRICULUM DEVELOPMENT ETC.

- The Department has been granted five years course on “**P. G. Diploma in Water Resource Management and Training**” costing Rs. 55,000,00/-, by UGC, New Delhi under the scheme of Innovative programme. An effective contribution has been made in the preparation and submission of this course to UGC followed by smooth conduct of the course in Department (2007-2012).
- Revision of the papers viz., **Sedimentology, Palaeobiology, Geomorphology** and **Indian Mineral Deposits** of M.Sc. Geology (2010).
- Framing of the M. Sc. Geology syllabus for credit based course pattern (2010).
- Framing of the syllabus for **M. Sc. Geology (Semester-wise pattern)** in the year 2008.
- Framing of the syllabus for **P. G. Diploma in Watershed Development and Groundwater Resource Management** in the year 2007.
- Framing of the syllabus for **M. Phil.** in the year 2007.
- Framing of the syllabus for **Certificate course in Geology** the year 2007.
- Framing of the syllabus for **M. Sc. Geology, as per the guidelines of UGC, New Delhi** in the year 2006.
- Induction of new papers/recent topics in the syllabus of M. Sc. Geology, e.g., **Computer Application, Statistical Geology, Environmental Geology, Remote Sensing** etc (1993).

13. ADMINISTRATIVE EXPERIENCE

-05 years as Head, Department of Geology, SGB Amravati University, Amravati (1991-1996). The important work carried out/establishments made during the period of Headship are as follows;

- Establishment of the Department in University Campus in the year 1992.
- Establishment of Thin section preparation unit.
- Establishment of Museum.
- Establishment of Environmental Geology lab.
- Fulfillment of basic requirements of instruments, geological material, maps, charts etc. for photogeology and remote sensing practical, petrology, field geology, dark room, computer lab. etc.
- Efforts has been made for introducing modern methods of teaching i.e., regular use of audio-visual aids e.g. over head projector, epidiascope, demonstrations through models, charts, maps etc.
- New syllabus has been drafted and implemented. Modern branches of geology - like Computer Application, Environmental Geology, Remote Sensing etc. have been included in the curriculum.
- Efforts have been to introduce new diploma courses, consultancy services etc.
- A culture of research has been developed in the Department by taking the local geological problems e.g., groundwater salinity, groundwater quality of campus, sedimentological studies of Gondwana rocks exposed locally at Bairam and Salbardi area etc.
- One day regional seminar has been conducted on "Photogeology and its application" on 7th Feb., 1996.
- Guest lectures, seminars, counseling to students etc. have been arranged.
- Worked at various committees of University e.g. Syllabus Modification, Purchase Committee, Doctoral Research Committee, Board of Studies, Senate, etc.

14. CONTRIBUTIONS TO THE ACADEMIC/CORPORATE LIFE OF INSTITUTION

1. Member, Various committees of University for preparation of UGC NAAC 2002 and 2007 Visits
2. Member, Various committees of University for preparation of UGC XI, X and XI Plan Committees
3. Valuation Officer, Central Spot Valuation Center
4. Member, Central Admission Committee
5. Member, TRDEA Workshop Committee
6. Member, University Decade Celebration Committee, 1993
7. Member, National Science Day Celebration Committee (2006-2012)
8. Member, Subject Examination Committee for M. Sc. (1992-till date)
9. Member, Committee for finding Unfair means cases (2004-till date)
10. Worked as Subject Expert/VC's nominee on College Teacher Selection/Placement Committees.
11. Member, VII Maharashtra Inter-University Sports Meet `Ashwamedgh-2003`
12. Member, Research Festival `Avishkar-2008`.

15. MEMBERSHIP OF UNIVERSITY BODIES

1. Member, Board of Studies in Geology (1992-1996)
2. Member, Academic Council (1994-1995)
3. Member, Faculty of Science (1992-1996)
4. Member, Senate (1994)
5. Member, Research Recognition Committee (1992-1996)
6. Member, Board of University Teaching and Research (1994)