

DR. ASHOK K. SRIVASTAVA

Professor & Founder Head, Department of Geology
Chairman, RESEARCH CELL

Coordinator, NET Coaching Classes, UGC

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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 : Department of Geology, Sant Gadge Baba Amravati University
Amravati - 444602, Maharashtra, India
 - b) Residence : 3A, Tapeswari, Yogiraj Nagar, Tapowan area
Camp, Amravati – 444602, Maharashtra, India

2. ACADEMIC QUALIFICATIONS

- H. Sc. (High School) 1974 DAV Intermediate College, Gorakhpur, UP
- S. Sc. (Intermediate) 1977 DAV Intermediate College, Gorakhpur, UP
- B. Sc. (Zool., Bot., Chem.) 1979 Gorakhpur University, UP
- B. Sc. Condense Course (Geology) 1980 Lucknow University, Lucknow
- M. Sc. (Geology) 1982 Lucknow University, Lucknow
- Proficiency Course (German) 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 : 27 years** (M. Sc., M. Phil., P. G. Diploma in Watershed Technology and Management)
2. **Research : 30 years** (Sedimentology, Palaeobiology, Hydrogeology, Quaternary Geology, Antarctic Science)
3. **Administrative : 05 years** (Head, Department of Geology, SGB Amravati University, Amravati)

5. TEACHING ASSIGNMENTS

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

6. AREA OF RESEARCH INTEREST

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

7. MEDALS/AWARDS/ACADEMIC DISTINCTIONS

- a) **Convener**, 34th Convention of Indian Association of Sedimentologists (2017)
- b) **Member**, Board of College & University Development, SGB Amravati University, Amravati (2016)
- c) **Chairman**, **RESEARCH CELL**, SGB Amravati University, Amravati (2012- till date)
- d) **Member**, **Executive Council**, Indian Association of Sedimentologists, Aligarh (2012-2014)
- e) **Member**, **Executive Council**, Palaeontological Society of India, Lucknow (2009-2010).
- 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) Awarded '**SERC Visiting Fellowship - 1998**' by Department of Science and Technology, New Delhi.
- i) Awarded '**Senior Research Fellowship**' from Council of Scientific & Industrial Research, New Delhi (1985 - 1988).
- j) Acted as Member, Advisory committees of various regional and national level Seminars/Conferences.
- k) Chaired/Co-chaired various technical sessions at many Seminars/Conference.

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, Mysore and University BHU, etc.
- 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: 30 years

- Papers published : **46** (h-index-6; Documents-17; Citations-76)
- Full Papers/Abstracts published in Conference/Seminar : **42**
- Ph. D. awarded : **06 + 03**
- Projects completed : **07**(03 DST, 03 UGC, 01 CSIR) + **01** (Ongoing, SERB, DST)
- Project reports : **07** (03 DST + 03UGC + 01 CSIR)
- M. Phil. : **03**
- M. Sc. desertions : more than **100**

10.1 RESEARCH PUBLICATIONS: 46 (SCI Indexed -17, International - 6)

46. Srivastava, A. K., Ingle, P. S. and Khare, N., 2018, Controlling factor for nature, pattern and accumulation of the glacial sediments of Schirmacher Oasis, East Antarctica: Comments on paleoclimatic condition. Polar Science, <https://Doi.org/10.1016/j.polar.2018.05.004>. (I.F. 1.118)
45. Srivastava, A. K., Kandwal, N. K., Humane, S.K., Humane, S.S., Kundal, P and Khare, N. 2018, Record of calcareous algae from the Lameta Formation: anew insight for possible sea intrusion during Maastrichtian time. Arab J Geosci., <https://Doi.org/10.1007/s12517-017-3333-1>. (I.F. 1.152)
44. Srivastava, A. K. and Kandwal, N. K., 2016, Lithological setting and granulometry of the Lameta sediments from new locality exposed at Pandhari village, district Betul, Madhya Pradesh. Ind. Assoc. Sediment., Vol. 33 (1&2), pp. 1-11.
43. Kale, V. M. and Srivastava, A. K., 2016, Thematic mapping and morphometry of Chandrabhaga watershed, Purna river sub-basin, Maharashtra, India. Jour. Geosciences Res., Vol 1 (2), pp. 127-136.
42. Srivastava, A. K. and Mankar, R. S., 2015, Salbardi-Belkher inland basin, A new site of Lameta sedimentation at the border of district Amravati, Maharashtra and Betul, Madhya Pradesh in central India. Curr. Sci., Vol. 109 (7), pp 1337-1344. (I.F. 0.935)
41. Srivastava, A. K., Parimal, P. S., 2015, Hydrogeochemistry of Purna Alluvial Basin, Central India, Jour. Geol. Soc. Ind., Vol. 85, pp. 673-685. (I.F. 0.43)
40. Srivastava, A. K. and Mankar, R. S., 2015, Megaloolithus dinosaur nest from the Lameta Formation of Salbardi area, districts Amravati, Maharashtra and Betul, Madhya Pradesh Jour. Geol. Soc. Ind., Vol. 85, pp. 457-462. (I.F. 0.596)
39. Srivastava, A. K. and Mankar, R. S., 2015, Lithofacies architecture and depositional environment of Late Cretaceous Lameta Formation, central India, Arab J Geosci., Vol.8, pp. 207-226. (I.F. 1.152)
38. Srivastava, A. K. and Kale, 2014, 'Purna River, Maharashtra' in The Indian Rivers: An Introduction for Science and Society, Ed. D. S. Singh, Published by Centre of Advance Studies, University of Lucknow, Lucknow, pp. 349-370 (BOOK CHAPTER).
37. Srivastava, A. K., Parimal, P. S., 2014, Hydrogeochemical facies and ionic ratios of groundwater in Purna Alluvial Basin, Maharashtra, Gond. Geol. Mag., Spec. Vol, 14, pp. 117-126.

36. Srivastava, A. K. and Kandwal, N. K., 2013, Depositional environment and bivalve remains of the Intertrappean sediments, Hiradehi and Topidhana area, Bhainsdehi tehsil, District Betul, Madhya Pradesh, *Gond. Geol. Mag., Spec. Vol.* 28(2), pp. 149-157
35. Srivastava, A. K. and Mankar, R. S., 2013, A Dinosaurian ulna from a new locality of Lameta succession, Salbardi area, districts Amravati, Maharashtra and Betul, Madhya Pradesh, *Curr. Sci.*, Vol. 105 (7), pp. 901-902. (I.F. 0.935)
34. Srivastava, A. K. and Rai, M., 2013, Review: Sugarcane production: Impact of climate change and its mitigation, *Biodiversitas*, Vol. 13(4), pp. 214-227.
33. Srivastava, A. K., Randevee, K. R. and Khare, N., 2013, Mineralogical and geochemical studies of glacial sediments from Schirmacher Oasis, East Antarctica, *Quat. Internat.*, Vol. 292, pp. 205-216. (I.F. 1.962)
32. Srivastava, A. K. and Mankar, R. S., 2012, Field Characteristics, petrography and diagenesis of Lameta sediments exposed at the northern boundary of district Amravati, Maharashtra. *Gond. Geol. Mag., Gond. Geol. Mag.*, 27(1), pp. 31-42.
31. Srivastava, A. K., Parimal, P. S., 2012, Assessment of Groundwater Suitability for Irrigation in Purna Alluvial Basin, Maharashtra, *Gond. Geol. Mag.*, 27(1), pp. 79-92.
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. (I.F. 0.43)
29. Srivastava, A. K. and Mankar R. S., 2012, Trace fossils and their palaeoenvironmental significance in the Lameta formation of Salbardi and Belkher area, district Amravati, Maharashtra, India. *Arabian Jour. Earth Sci.* Vol. 5, pp. 1003-1009. (I.F. 0.740)
28. 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.
27. Srivastava, A. K., 2010, Fluvial traces fossils from the Upper Gondwana (Early Cretaceous) succession of central India, Maharashtra, *Jour. Pal. Soc. Ind.*, Vol. 55 (2), pp. 45-55.
26. 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, and district Betul, Madhya Pradesh. *Gond. Geol. Mag., Spec. Vol.* 12, pp. 209-224.
25. 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.
24. Srivastava, A. K., Parimal, P. S. and Kale, V. M., 2010, A preliminary study of grain size Characteristic and pattern of sedimentation in the main channel of Purna river, Maharashtra, *Gond. Geol. Mag.*, Vol. 25 (2), pp. 305-312.
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. (I.F. 0.396)
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.

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.
20. Srivastava, A. K., Parimal, P. S., Mankar, R. R. and Kale, V. M., 2009, Evaluation of groundwater quality of shallow and deep aquifers of Purna alluvial basin, Maharashtra. *Gond. Geol. Mag.*, Vol. 24(1), pp. 41-49,
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. (I.F. 0.424)
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. (I.F. 0.424)
17. Srivastava, A. K. and Mankar, R. S., 2008, Lithofacies, depositional environment and age of the Upper Gondwana succession of Salbardi area, districts Amravati, Maharashtra and Betul, Madhya Pradesh. *Jour. Geol. Soc. Ind.*, Vol. 72, pp. 190-198. (I.F. 0.424)
16. Srivastava, A. K., 2007, Detailed sedimentological studies of the glacial sediments of Schirmacher Oasis, Antarctica. *Tech. Publ.*, Vol. 25, pp.239-261.
15. Srivastava, A. K., Manik, S. R. and Gawande, R. R., 2007, Diversity of gymnospermous plant remains from Upper Gondwana Sediments of Bairam-Belkher area district Amravati, Maharashtra and district Betul, Madhya Pradesh with remarks on Stratigraphic age and Palaeoclimate. *Phytomorphology*, Vol. 57(3&4), pp. 153-163.
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.
13. Srivastava, A. K., Manik, S.R. and Gawande, R.R., 2004, Lithofacies Analysis and Depositional Environment of Upper Gondwana (Early Cretaceous) succession of Bairam-Belkher area, districts Amravati, Maharashtra and district Betul, Madhya Pradesh. *Ind. Assoc. Sediment.*, Vol. 23(1&2), pp. 79-86.
12. Srivastava, A.K., Manik, S.R. and Gawande, R.R., 2004, Pteridophytic remains from Early Cretaceous Succession, *Geophytology*, Vol. 34, pp 105-114.
11. Srivastava, A.K., Manik, S.R., Patil, G.V. and Gawande, R.R., 2004, The genus *Araucarites* from Upper Gondwana Succession (Early Cretaceous) of Bairam-Belkher area, districts Amravati, Maharashtra and District Betul, Madhya Pradesh. *Palaeobotanist*, Vol. 53, pp. 91-95.
10. Srivastava, A.K. and Kumar, S., 2004, Facies and environment of deposition of the Triassic succession of the MallaJohar area, Kumaon Tethys Himalaya. *Jour. Pal. Soc. Ind.*, Vol.40, pp. 95-123.
9. Gawande, R.R., Srivastava, A.K. and Jeyaram, A., 2002, Geological, geomorphological, Hydrogeological 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.
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. (I.F. 0.6)
7. Srivastava, A.K., Banubarkode, P.D., Kale, V.M. and Patil, G.V., 1999, Lower Cretaceous plant fossils from Bairam-Belkher area, district Amravati, Maharashtra and District Betul, Madhya Pradesh their significance in stratigraphy. *Palaeobotanist*, Vol. 48. pp. 39-38.

6. Srivastava, A.K., Kale, V.M., Banubakode, P.D. and Patil, G.V. 1996, Record of trace fossils from Upper Gondwana succession of Bairam Adjoining area, district Amravati, Maharashtra, Gond. Geol. Mag., Vol. 11, pp. 33-44.
5. Srivastava, A.K., Banubakode, P.D. Kale, V.M. and Patil G.V., 1995, Record of Upper Gondwana flora from Bairam-Belkher area, district Amravati, Maharashtra and district Betul Madhya Pradesh. Curr. Sci., Vol. 69(5), pp. 397-400. (I.F. 0.576)
4. Srivastava, A.K. and Kumar, S., 1992, Trace fossils horizons in the Kalapani Limestone (Lower to Middle Triassic) of MallaJohar area, Kumaon Himalaya, Uttar Pradesh. Ind. Jour. Geol., Vol. 64, (2), pp.216-222.
3. Srivastava, A.K. and Kumar, S. 1992, Trace fossils from the Muth Quartzite of MallaJohar area, Tethys Kumaon Himalaya, India. Jour. Geol. Soc. Ind., Vol. 40, (1), pp. 43-47. (I.F. 0.133)
2. Srivastava, A.K. and Kumar, S. 1990. The Chocolate Formation (Scythian) in Painkhonda section, MallaJohar area, Tethys Himalaya, Uttar Pradesh; a comment. Jour. Pal. Sci. Ind., Vol. 35, pp.197-200.
1. Kumar, S. and Srivastava, A.K. 1989, Trace fossils from the Cretaceous Rocks of MallaJohar area, Tethys Himalaya, Uttar Pradesh. *Jour. Pal. Soc. Ind.*, Vol. 34, pp.115-128.

Books Published

1. Srivastava, A. K. and Parimal P. S., 2017, '**Souvenir-cum-Geology of Amravati region**', Souvenir volume of 34th Convention of Indian Association of Sedimentologists and National Conference on 'Facies architecture, Depositional environment and Paleoclimate' organized by Department of Geology, SGB Amravati University, Amravati during 19-21 December, 2017.
2. Srivastava, A. K. and Mankar R. S., 2017, '**Extended Abstracts' Volume**', Extended abstracts' volume of 34th Convention of Indian Association of Sedimentologists and National Conference on 'Facies architecture, Depositional environment and Paleoclimate' organized by Department of Geology, SGB Amravati University, Amravati during 19-21 December, 2017.

Book Chapter

1. Srivastava, A. K. and Kale, 2014, '**Purna River, Maharashtra**' in *The Indian Rivers: An Introduction for Science and Society*, Ed. D. S. Singh, published by Centre of Advance Studies, University of Lucknow, Lucknow, pp. 349-370.

Book/Journal edited

1. Guest Editor: Thematic volume on 'Advancement of Sedimentary Research in India' special volume of Gondwana Geological Magazine, Volume 28 (2), 2013; published by PG Department of Geology, RTM Nagpur University, Nagpur.

Full paper/Abstract published in Conference/Seminar Volumes

42. Singh, A. and Srivastava, A. K., 2018, Petrography, geochemistry and $40\text{Ar}/39\text{Ar}$ dating of YTT ash, Purna alluvial basin, Central India, Crossing New Frontiers, INTAV International Field Conference on Tephrochronology "Tephra Hunt in Transylvania" Moieciu de Sus, Romania, 24 June - 1 July, P 64, (Abstract)
41. Srivastava, A. K. and Singh, A., 2018, YTT ash from Purna alluvial basin, Central India: its comparison with Toba ashes from continental deposits of India, Crossing New Frontiers, INTAV International Field Conference on Tephrochronology "Tephra Hunt in Transylvania" Moieciu de Sus, Romania, 24 June - 1 July, P 103-104, (Abstract)
40. Singh, A. and Srivastava, A. K., 2017, Volcanic ash from Purna Alluvial Basin, Maharashtra, Central India: 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, P 203, (Abstract).
39. Bansod, M. N. and Srivastava, A. K., 2017, Calcrete profiling in Quaternary sediments of Purna alluvial basin, Maharashtra, 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, pp. 143-145, (Abstract)
38. Mankar, R. S. and Srivastava, A. K., 2017, Megaloolithus nesting sites form Lameta Formation of Salbardi area, Amravati district, Maharashtra, India: 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, pp. 107-109, (Abstract).
37. Srivastava, A. K., 2017, Gondwana successions around district Amravati, Maharashtra, 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, pp. 94-110 (Full paper).
36. Srivastava, A. K., 2017, Report of *Elephas namadicus* Falconer and Cautley from Quaternary deposits of Purna alluvial basin, Maharashtra, 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, pp. 63-69 (Full paper).
35. Srivastava, A. K. and Bansod, M. N., 2017, Calcretes from Quaternary sediments of Purna alluvial basin, Maharashtra, Central India, 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, pp. 19-26 (Full paper).
34. Srivastava, A. K. and Singh, A., 2017, Youngest Toba ash in Quaternary sediments of Purna alluvial basin, Central India, 34th Convention of Indian Association of Sedimentologists, organized by Department of Geology, SGB Amravati University, Amravati, 19-21 December, pp. 10-18 (Full paper).
33. Singh, A. and Srivastava, A. K., 2017, Occurrence, Nature and Lithological Architecture of Toba Ash in Quaternary Sediments of Purna Alluvial Basin, Central India, (SE20-D3-PM1-311-001 (SE20-A001), AOGS-2017 14th Annual Meeting, Asia Oceania Geosciences Society, Singapore, 06 to 11 Aug, 2017 (Abstract).
32. Srivastava, A. K. and Singh, A., 2017, Geographical distribution, field occurrences and petrography of Youngest Toba Tuff (YTT), Purna Alluvial Basin, Maharashtra, Asian current Research on Fluid Inclusions,

20th Annual Convention & national Conference on 'Harnessing Clay Science for Human Welfare' organized by NBSS & LUP, Nagpur, 17-18 Feb., 2017, P 25, (Abstract).

31. Srivastava, A. K., Singh, A., Jadhav, G. N., Netravali, S. and Choudhury, P. S., 2016, Melt Inclusion in the glass shards of Youngest Toba Tuff (YTT) ash of Purna Alluvial Basin, Maharashtra, India, Asian Current Research on Fluid Inclusions, organized by Indian Institute of Technology Mumbai, 25-27 Nov. 2016, PP-47-50, (Abstract).
30. Srivastava, A. K. and Singh, A., 2016, Petrography and Mineralogy of Tephra ash from Quaternary Alluvial Sediments of Purna Basin, Maharashtra, 33rd Convention of Indian Association of Sedimentologists, organized by Department of Geology, Banaras Hindu University, Varanasi, U P. 12-14 Nov. 2016, (Abstract).
29. Srivastava, A. K. and Singh, A., 2016, Tephra from Quaternary alluvial sediments of Purna basin, Maharashtra, 'International conference on Geoscience and Environment & 32nd Convention of Indian Association of Sedimentologists, organized by Department of Earth Sciences, Annamalai University, Annamalainagar, TN -7-10 Jan. 2016, P- 15, (Abstract).
28. Mankar, R and Srivastava, A. K., 2016, Reconsideration of basinal setup during Lameta sedimentation, central and western India, 'International conference on Geoscience and Environment & 32nd Convention of Indian Association of Sedimentologists, organized by Department of Earth Sciences, Annamalai University, Annamalainagar, TN -7-10 Jan. 2016, P- 14, (Abstract).
27. Srivastava, A. K. and Bansod, M. 2016, Field occurrence, morphology and petrology of Rhizolith balls from Purna alluvial basin, Maharashtra, 'International conference on Geoscience and Environment & 32nd Convention of Indian Association of Sedimentologists, organized by Department of Earth Sciences, Annamalai University, Annamalainagar, TN -7-10 Jan. 2016, P- 11, (Abstract).
26. Rupesh S. Mankar and Ashok K. Srivastava, 2015, Extended palaeogeographic limits of the dinosaur bearing Lameta sediments, Central and western India, Regional BSS on 36th IGC, Organized by GSI Nagpur -12-13 March, 2015, P-60, (Abstract)
25. Srivastava, A. K. and Kalaskar, A. M., 2014, Vertebrate remains from the Quaternary sediments of Purna alluvial sediments, Maharashtra. National Seminar on 'Quaternary Climate Change: New approaches and Emerging Challenges' Organized by BirbalSahni Institute of Palaeobotany, Lucknow, 15-16 Dec., 2014 (Abstract).
24. Srivastava, A. K. and Bansod, M. N., 2014, Morphology and petrology of calcretes from Quaternary sediments of Purna alluvial sediments, Maharashtra. National Seminar on 'Sedimentation and Stratigraphy' Organized by Department of Geology, SavitribaiPhule University, Pune and XXXI Convention of Indian Association of Sedimentologists. 12-14 Nov., 2014, P 84, (Abstract)
23. Srivastava, A. K. and Kandwal, N. K., 2014, Granulometric analysis of Lameta sediments of Pandhari area, district Amravati, Maharashtra and Betul, Madhya Pradesh, National Seminar on 'Sedimentation and Stratigraphy' Organized by Department of Geology, SavitribaiPhule University, Pune and XXXI Convention of Indian Association of Sedimentologists. 12-14 Nov., 2014 P 45, (Abstract).

22. Bejalwar, A. P. and Srivastava, A. K., 2014, Lithofacies analysis and Physa- biometrics: implications in palaeoenvironmental reconstruction of Late Cretaceous Intertrappean sediments, Kalam area, district Yeotmal, Maharashtra. National Seminar on 'Sedimentation and Stratigraphy' Organized by Department of Geology, SavitribaiPhule University, Pune and XXXI Convention of Indian Association of Sedimentologists. 12-14 Nov., 2014,P 43 (Abstract)
21. Srivastava, A. K. and Mankar, R. S., 2014, Crawling and resting traces form the argillaceous sediments of Upper Gondwana sediments, Belkher area, District Amravati, Maharashtra, National Seminar on 'Sedimentation and Stratigraphy' Organized by Department of Geology, SavitribaiPhule University, Pune and XXXI Convention of Indian Association of Sedimentologists. 12-14 Nov., 2014, P 39, (Abstract).
20. Srivastava, A. K. and Kale, V. M, 2014, Fluvial geomorphology of Purna river basin, Expert Meet and Conference on Climate Change and Environmental Sustainability: Records from Poles to tropics, organized by Centre of advance Study in Geology, University of Lucknow, Lucknow. 9-10 Sept., 2014, P-20, (Abstract)
19. Srivastava, A. K. and Parimal, P. S., 2013, Hydrogeological analysis and evaluation of groundwater quality in Murtizapur tahsil, district Amravati, Maharashtra. National Conference on "Watershed Management for Sustainable Development (WMSD-2013)", Organized by S S College, Amravati, CGWB, Nagpur and GSDA, Amravati, 22-23 Feb., 2013, P-37, (Abstract).
18. Srivastava, A. K. and Mankar, R. S., 2013, Revised palaeogeography of the Lameta Formation, Central and western India, National Seminar on Sedimentation and Tectonics with special Reference to Energy Resources of North-East India, organized by Department of Earth Science, Manipur University and XXX Convention of Indian Association of Sedimentologists (IAS- 2013) 28-30 Dec., 2013 (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).
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, 22-23 Oct., 2010 (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 22-23 Oct., 2010 (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).
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).

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).
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).
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).
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).
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).
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).
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).
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).
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).
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).

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).
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).

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

9. Petrography, geochemistry, chronology and genesis of calcretes from Quaternary alluvial sediments of Purna Basin, Maharashtra (Ms. Bansod, M. N., In progress).
8. Vertebrate remains from Purna alluvial basin, Maharashtra with an emphasis on palaeoecology and age (Kalaskar, A. S., In progress).
7. Sedimentological studies of the dinosaur bearing Lameta Formation of Pandhari and adjoining areas districts Amravati, Maharashtra and Betul, Madhya Pradesh (Ms. Kandwal, N. K., In progress).
6. Major ion chemistry in groundwater of Purna alluvial basin, Maharashtra (Dr. P. S. Parimal, 2012).
5. Petrography, lithofacies analysis and depositional environment of Lameta successions exposed on the northern boundary of district Amravati, Maharashtra (Dr. R. S. Mankar, 2012).
4. Sedimentological studies of the Purna Basin with special reference to the environment of deposition (Dr. V. M. Kale 2010).
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).
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).
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).

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. N., 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: 07 (Completed) + 01 (Ongoing)

2016 – 2019 (Ongoing) (Co-Principle Investigator)

1. Palaeogene sedimentation in parts of Kohima Synclinorium, Nagaland: Changes through time awarded by SERB, DST, New Delhi, (Cost - Rs. 41,29,600/-).

2014 – 2017 (Completed) - (Principle Investigator)

2. Major research project entitled "Geochronology and Geochemistry of Tephra, Purna Alluvial basin, Maharashtra, Central India" awarded by SERB, DST, New Delhi, (Cost - Rs. 28,49,000/-).

2011 – 2014 (Completed) - (Principle Investigator)

3. 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) - (Principle Investigator)

4. 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/-).
5. 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) - (Principle Investigator)

6. 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) - (Principle Investigator)

7. 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) - (Principle Investigator)

8. 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 Geol. Magazine (Journal Geosciences Research), Nagpur
2. Journal Geological Society of India, Bangalore
3. Current Science, Bangalore
4. Journal Palaeontological Society of India, Lucknow
5. Indian Association of Sedimentologists, Aligarh
6. Amravati University Research Bulletin, Amravati
7. Ichnos, United Kingdom
8. Polar Science, Japan
9. Geomorphology, USA
10. Cretaceous Research, Amsterdam

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

- Organized **34th Convention of Indian Association of Sedimentologists** and National Conference on **'Facies architecture, Depositional environment and Paleoclimate'** organized by Department of Geology, SGB Amravati University, Amravati during 19-21 December, 2017 (**Convener**).
- Organized National Conference on **"Watershed Management for Sustainable Development (WMSD-2013)"**, Organized by S S College, Amravati, CGWB, Nagpur and GSDA, Amravati, 2013.
- Organized National Seminar on **'Sedimentary Basins of India'** organized by RTM Nagpur University, Nagpur, 2010.
- Organized local level workshop on **"Employment Opportunities in Geology"** at P. G. Department of Geology, SGB Amravati University, Amravati (Dec. 2008).
- 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 **"Geology and Common Man"** at P. G. Department of Geology, Amravati University, Amravati (Sept. 2001).

- 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).
- **Refresher Course in Geology**, organized by Amravati University, Amravati, 6- 29 April 1998.
- One day regional workshop entitled “**Photogeology and Its Application**” has been organized at Department of Geology, Amravati University, Amravati (Feb. 1996).

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, slide projector, 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

21. Member, University Research Committee 2015-till date
20. Member, Subject Examination Committee for M. Sc. (1992-till date)
19. Member, Committee for finding Unfair means cases (2004-till date)
18. Member, RRC, Geology 2012-2017
17. Member, BCUD Committee 2016-17
16. Member, Various committees of University for preparation of UGC NAAC 2002, 2007 and 2012 Visits
15. Member, Various committees of University for preparation of UGC XI, X, XI and XII Plan Committees
14. Member, National Science Day Celebration Committee (2006-2012)
13. Member, Research Festival `Avishkar-2008`
12. Member, VII Maharashtra Inter-University Sports Meet `Ashwamedgh-2003`
11. Worked as Subject Expert/VC's nominee on College Teacher Selection/Placement Committees.
10. Valuation Officer, Central Spot Valuation Center
9. Member, Central Admission Committee
8. Member, TRDEA Workshop Committee

7. Member, Research Recognition Committee (1992-1996)
6. Member, Faculty of Science (1992-1996)
5. Member, Board of Studies in Geology (1992-1996)
4. Member, Academic Council (1994-1995)
3. Member, Senate (1994)
2. Member, Board of University Teaching and Research (1994)
1. Member, University Decade Celebration Committee, 1993