

Curriculum Vitae

Name : Prof. Dr. Shreerup Goswami,
M.Sc., M.Phil., Ph.D., D.Sc., FNEA, BOYSCAST Fellow

Present Status : Professor, Department of Earth Sciences, Sambalpur University, Jyoti Vihar-768019,
Sambalpur, Odisha

Specialisation : Palaeontology, Environmental Geology, Ground water Geology, Acoustic Science

Academic qualifications

Name of the Exam.	Division/ Class	% of marks	Specialization
D.Sc.	AWARDED	Palaeontology	
Ph.D. (Geology)	AWARDED	Palaeontology	
M. Phil. (Geology)	First position in the university	67.75	Palaeontology
M.Sc. (Geology)	Ist	73.7	Mineral exploration as special paper
B. Sc. (Geology Honours)	Ist with distinction	76	Geology as Honours & Physics, Chemistry as Pass
Intermediate Science	Ist	80.22	
High School Certificate Examination	Ist	85.85	

I was pursuing my doctoral (Ph.D.) and post doctoral research (for D.Sc. degree) at Birbal Sahni Institute of Palaeobotany, Lucknow, an autonomous research institute under Department of Science and Technology, Government of India (the only institute of its kind in the world) and received the degree from Utkal University, Bhubaneswar.

Professional Summary

- **16 years** of experience as geologist, researcher and geo analyst including more than 11 years of experience of post graduate teaching.
- Proven skills involving Research and Development, Geoscientific Analysis, Project and People Management

Research guidance

- M.Phil. thesis guided: 5
- **Ph.D. thesis guided: 10 (Awarded)**

Major Research Project Completed

“Mineralogy, Geochemistry, Genesis and Economic Potential of Pyrophyllite Deposits of Keonjhar District, Orissa” for the period of three years with effect of 01.02.2009 [Reference: UGC File No.: 34-44/2008 (SR)] Grant/ Amount Mobilized: Rs. 7,07,313; Funding Agency: UGC

“Economics of Mining and Health Hazards: A study in Keonjhar District of Orissa” for the period of two years with effect of 01.07.2012 [Reference: UGC File No.: 5-389/2012] Grant/ Amount Mobilized: Rs. 5,29,600; Funding Agency: UGC

Ongoing Research Project

Geochemical investigation of groundwater of Athgarh basin, Odisha, India” [Project No. 3.1.8; File No. SB/S4/ES-702/2013] for 3 years with effect from 27.11.2014 Grant/ Amount Mobilized: Rs. 21,00,000 Funding Agency: DST, Government of India

Experience summary

	<i>Nature of Job</i>	<i>Experience</i>
Professor , Dept. of Earth Sciences, Sambalpur University, Jyoti Vihar	Teaching and Research (Since 19 th January, 2016-continuing)	
Reader and Head/ Reader , Dept. of Geology, Ravenshaw University	Teaching and Research (31 st December, 2009-18 th January, 2016)	6 years
Lecturer , P.G. Dept. of Environmental Science, Fakir Mohan University	Teaching and Research (From 26.06.2004 to 30.12.2009)	5 years & 6 months

Professional Honours

- **BOYSCAST Fellow:** I have carried out research on Gondwana Palaeontology with eminent Palaeontologist Dr. John M. Anderson at Palaeobotany Division, South African National Biodiversity Institute (SANBI), Pretoria from 29th March, 2008 to 18th January 2009 as BOYSCAST Fellow. The fellowship is awarded by Department of Science and Technology, Government of India.
- **Recipient of Pathani Samanta Chandra Sekhar Award in Physical Science-2011** for outstanding contribution to Science (Awarded by Odisha Bigyana Academy, Ministry of Science and Technology, Government of Odisha) (Felicited on 19.07.2013)
- Recipient of Young Scientist Award in Physical Science for the year 2008 (Awarded by Odisha Bigyana Academy, Ministry of Science and Technology, Government of Odisha) (Felicited on 29.10.2010)
- Recipient of Sri Gopinath Mohanty Prativa Award for the year 2014 (Awarded by Bigyan Prachar Samiti) (Felicited on 20.12.2014)
- Fellow, National Environmentalist Association (Felicited on 02.11.2012)
- Working as a regular reviewer for many International journals published by Elsevier, Springer, Indian Academy of Sciences etc.
- Working as a reviewer of major DST projects submitted to DST, Government of India
- Examined several Ph.D. Thesis of other Universities of India
- Working as Member, Editorial Board for many journals
- Member, Subject Research Committee/ Doctoral Research Committee/ Board of Studies of many universities and autonomous colleges
- Participated in Live Television Discussions & delivered Radio Talk in different aspects of earth science
- Successfully organized many workshops and national conferences.

Professional affiliations and membership

- **BOYSCAST Fellow**
- **Fellow**, Geological Society of India, Bangalore (FGSI).
- **Fellow**, National Environmentalist Association
- Life Member, International Association for Gondwana Research (IAGR).
- Life Member, International Medical Geology Association (IMGA).
- Life Member, The Academy of Environmental Biology, Lucknow (AEB).
- Life Member, Indian Geological Congress (IGC).
- Life Member, The Geological, Mining and Metallurgical Society of India.
- Life Member, Indian Meteorological Society (IMS).
- Member, Executive Body, Indian Meteorological Society-Bhubaneswar Chapter
- Life Member, Society for Geologists and Allied Technologists (SGAT).
- Life member, Odisha Bigyan Academy
- Life member, Indian Science Congress
- Life member, Gondwana Geological Society, India
- Life member, Bigyana Prachar Samiti, Odisha

Publications Summary

Publications in refereed Journals	:86
Chapter in Edited Book (refereed)	:29
Book Published	:01
Papers in Proceedings Published	:07
Edited Proceedings Published	:01
Popular Articles Published	:22
Abstract Published in proceedings/ Abstract volume of International Conference	:21
Abstract Published in proceedings/ Abstract volume of International Conference	:74

Selected Publications in Refereed Journals

1. **Shreerup Goswami**, Kamal Jeet Singh and Shaila Chandra **2006**. Palaeobotany of Gondwana basins of Orissa, India: A bird's eye view. *Journal of Asian Earth Sciences*, 28 (4-6):218-233 (**Published by Elsevier**) (**Impact factor: 2.741**).
2. **Shreerup Goswami**, Kamal Jeet Singh and Shaila Chandra **2006**. Pteridophytes from Lower Gondwana Formations of Ib-River Coalfield, Orissa, and their diversity and distribution in the Permian of India. *Journal of Asian Earth Sciences*, 28 (4-6):234-250 (**Published by Elsevier**) (**Impact factor: 2.741**).
3. **Shreerup Goswami** **2006**. Record of Lower Gondwana megafloral assemblage from Lower Kamthi Formation of Ib River Coalfield, Mahanadi Basin, Orissa, India. *Journal of Biosciences*, 31: 115-128. (**Published by Indian Academy of Sciences and Springer**) (**Impact factor: 2.064**).
4. Kamal Jeet Singh, **Shreerup Goswami** and Shaila Chandra **2007**. Occurrence of Cordaitales from Lower Gondwana Sediments of Ib-River Coalfield, Orissa, India: An Indian Scenario. *Journal of Asian Earth Sciences*, 29 (5-6): 666-684 (**Published by Elsevier**) (**Impact factor: 2.741**).
5. **Shreerup Goswami** and Kamal Jeet Singh **2013**. Floral diversity and geology of Talcher Basin, Orissa, India during the Permian-Triassic interval. *Geological Journal*, 48 (1): 39–56 (**Published by Wiley and Sons on behalf of The Liverpool Geological Society, USA**). (**Impact factor: 1.627**).
6. **Shreerup Goswami** **2008**. Marine influence and incursion in the Gondwana basins of Orissa, India: A review. *Palaeoworld*, 17 (1): 21-32 (**Published by Elsevier**) (**SJR:0.465**).
7. Anju Saxena, Kamal Jeet Singh, Srikanta Murthy, Shaila Chandra and **Shreerup Goswami (in press)**. Spore tetrads - ?indicators of intense climatic regimes – A case study from Early Permian of Singrauli Coalfield, Son-Mahanadi Basin, India. *Geological Magazine*, 1-12 (**Published by Cambridge University Press**) (**Impact factor: 2.482**).
8. Kamal Jeet Singh, Anju Saxena and **Shreerup Goswami (2016)**. Autochthonous deposition, nature and preservation of *Vertebraria* roots and their palaeoecological significance: Evidences from Singrauli Coalfield. *Current Science*, 110 (3):299-301 (Published by Indian Academy of Sciences and Springer) (**Impact factor: 0.926**).
9. **Shreerup Goswami** **2007**. Palynological Resolution of Permian Sequence in Ib-River Coalfield, Orissa and its environmental significance. *Journal of Geological Society of India*, 70 (1):131-143. (**Impact factor: 0.596**) (**Now co-published by Springer**).
10. Kamal Jeet Singh, **Shreerup Goswami** and Shaila Chandra **2006**. Megafloral assemblage similar to Karharbari Biozone from Talchir Coalfield of Mahanadi Basin, Orissa. *Journal of Geological Society of India*, 68 (2): 277-287. (**Now co-published by Springer**) (**Impact factor: 0.596**).

11. Kamal Jeet Singh, **Shreerup Goswami** and Shaila Chandra **2006**. First record of genus *Gangamopteris* from Gondwana sediments of Ib-River Coalfield, Orissa, India. *Journal of Geological Society of India*, 68 (5):893-905. (Now co-published by Springer) (Impact factor: 0. 596)
12. Kamal Jeet Singh, O. S. Sarate, A.P. Bhattacharya and **Shreerup Goswami 2005**. Record of Lower Gondwana Megafloral Assemblage from the Nand Coalfield, Wardha Basin, Nagpur District, Maharashtra. *Journal of Geological Society of India*, 66 (3): 293-302. (Now co-published by Springer) (Impact factor: 0. 596)
13. M. Das, S.M. Monalisa, A.K. Paul, R.K. Mishra, J.K. Mohanty, A.A. Pradhan, **Shreerup Goswami 2012**. Geochemistry and Petrogenesis of Pyrophyllite Bearing Rocks of Madrangjodi, Keonjhar District, Orissa. *Journal of Geological Society of India*, 79 (5):460-467 (Co-published by Springer) (Impact factor: 0. 596)
14. **Shreerup Goswami**, Madhumita Dash and B.C. Guru **2006**. Permian Biodiversity of Mahanadi Master Basin, Orissa, India and their environmental countenance. *Acta Palaeobotanica*, 46 (2): 101-118. (Published by Polish Academy of Sciences, Poland; Official journal of International Organisation of Palaeobotany) (SJR:0.602)
15. Kamal Jeet Singh, **Shreerup Goswami** and Shaila Chandra **2006**. The Genus *Glossopteris* from Lower Gondwana Formations of Ib-River Coalfield, Orissa, India. *Journal of Palaeontological Society of India*, 51 (2):81-107 (Impact factor: 0.432).
16. **Shreerup Goswami** and Kamal Jeet Singh **2010**. Occurrences of gymnosperms from Lower Gondwana Formations of Ib-River Coalfield, Orissa, India with a clue on the palaeoecology and the palaeoenvironment of the area. *Journal of Palaeontological Society of India*, 55 (2):121-135 (Impact factor: 0.432).
17. Kamal Jeet Singh, **Shreerup Goswami** and Gaurava Singh **2011**. Palaeodiversity in the genus *Glossopteris* from the Lower Gondwana rocks of the Korba Coalfield, Chhattisgarh State, India. *Journal of Palaeontological Society of India*, 56 (1):45-64 (Impact factor: 0.432).
18. K.J. Singh, A. Saxena, **Shreerup Goswami 2012**. Palaeobiodiversity of the Lower Gondwana rocks in Korba Coalfield, Chhattisgarh, India and observations on the genus *Gangamopteris* McCoy. *Palaeobotanist*, (Indo-Brazilian Volume) 61:145-163.
19. **A. Saxena K.J. Singh and Shreerup Goswami 2013**. The genus *Euryphyllum* Feistmantel Revisited - Occurrence and Diversity in Indian Gondwana. *Palaeobotanist*, 62:187-198.
20. **S. Gautam, SSK Pillai, Shreerup Goswami, Ram Awtar 2013**. Further contribution to the mega- and microfossil assemblages from Johilla-Ganjra Nala confluence, South Rewa Basin, Madhya Pradesh, India. *Palaeobotanist*, 62:199-209.
21. **A. Saxena K.J. Singh and Shreerup Goswami 2014**. Advent and decline of the genus *Glossopteris* Brongniart in the Talcher Coalfield, Mahanadi Basin, Odisha, India. *Palaeobotanist*, 62: 157-168.
22. H. Mohapatra, **Shreerup Goswami** and D.G. Dey **2010**. Coalmine dust concentration and rate of tuberculosis contamination around Ib Valley Coalfield, Orissa, India. *Journal of Environmental Biology*, 31 (6):953-956 (Impact factor: 0.55)
23. H. Mohapatra and **Shreerup Goswami 2012**. Impact of coal mining on soil characteristics around Ib River Coalfield, Orissa, India. *Journal of Environmental Biology*, 33 (4): 751-756 (Impact factor: 0.55).