

Curriculum Vitae

Post: Professor of Practice		Dept: Civil Engineering					
1.	Name and Address	Davuluri Srinagesh 16-9-831/7/1, Sarojini Nagar Colony Old Malakpet Hyderabad 500036					
2.	Nationality / Age / Date of Birth	Indian 28.08.1961					
3.	Prior Degrees / year / University	M.Sc.1984 National Institute of Technology (NIT), Warangal (Applied Mathematics) B. Sc.1982 Osmania University, Hyderabad Maths, Physics, Chemistry					
4.	Ph.D. Year / University / Specialisation	1993, Osmania University, Geophysics					
5.	Post Doctoral Specialisation	Earth's structure and Earthquake Hazard					
6.	Present position, with salary details	Professor of Practice, Department of Civil Engineering, IIT Madras					
7.	Experience (in years)	Adjunct Professor Osmania University (5) Adjunct Professor IIT Madras (3) Professor of Practice IIT Madras (18 months)					
	♦ Teaching Experience	UG:		PG: 3 Years			
	♦ Research Experience	Pre-Ph.D. 5 Years		Post Ph.D. 30 Years			
	♦ Industrial Experience	Pre-Ph.D.		Post Ph.D. 10 Years			
8.	Research Guidance (give numbers)	Completed			Ongoing		
		Ph.D	MS	M.Tech	Ph.D.	MS	M.Tech
		6		4	1		
10.	Publication details (give numbers)						
	❖ Journal Papers	131 Papers in International and National Peer reviewed Journals Citations 2073 h-index 25 iio-index 54 44 Technical Reports					
	❖ Conference Publications	5					
11.	Books	1					

12.	Patents	-	
	Project details	Number	Value
13.	• Sponsored Research Projects	10	Rs 10 Crores
14.	• Government Funded Projects	6	Rs 50 Crores
15.	Awards/Honours ✓ JSPS Fellowship, Hirosaki University, Japan November, 1995 - May, 1996 ✓ BOYSCAST Fellowship, Washington University, St. Louis, USA, March-August 1997 ✓ Visiting Fellow, Department of Earth Sciences, Cambridge University, April-May 2001 ✓ Outstanding Scientist of 2014, awarded by Director, CSIR-NGRI ✓ National Geoscience Award 2017 ✓ Indian Geophysical Union Decennial Award 2020 ✓ Fellow of the Indian Geophysical Union ✓ Fellow of the Telangana Academy of Sciences Annexure-1 for detailed Publications list		

- **Member of various Committees:**
- Level 2 Evaluation of INSPIRE FELLOWSHIP for Earth Sciences, Department of Science and Technology
- Member of the DST FIST Subject Expert Committee (SEC) - Earth & Atmospheric Sciences
- Member of Sub-Committee on Structural Engineering and Earthquake Safety of Dams, Central Water Commission
- Member of the Project Management Committee of the Kalpasar Project, Ministry of Earth Sciences, New Delhi
- Member of the Technical Committee on the Study of National Seismic Risk Mitigation Program constituted by National Disaster Management Authority, New Delhi
- Convener of the Working group WG 56 of CED 39 for preparing the standards for “Earthquake Instrumentation for River Valley Projects”

ANNEXURE-1

List of best 10 : publications

1. **D. Srinagesh**, S. K. Singh, R. K. Chadha, A. Paul, G. Suresh, M. Ordaz, and R. S. Dattatrayam, **2011**, Amplification of Seismic Waves in the Central Indo-Gangetic Basin, India, **BSSA**, 101, 2231-2242, doi:10.1785/0120100327. **IF: 2.274 Citations: 46**
2. D. Srinivas, **D. Srinagesh**, R. K. Chadha, and M. Ravi Kumar, 2013, Sedimentary thickness Variations in the Indo-Gangetic Foredeep from inversion of receiver Functions, **Bull. Seismological Society of America**, Vol. 103, No. 4, pp. 2257–2265, doi: 10.1785/0120120046. **IF:2.274 Citations: 56**
3. D. Srinagesh, S.K.Singh, D. Arroyo, D. Srinivas, G. Suresh, G. Suresh, 2021, Ground motion prediction equation for earthquakes along the Western Himalayan arc, **Current Science**, 120(6), 1074-1082, doi: 10.18520/cs/v120/i6/1074-1082, **IF: 0.756 Citations: 2**
4. **D Srinagesh**, SK Singh, G Suresh, D Srinivas, X Pérez-Campos, G Suresh, 2018, A study of Guptkashi, Uttarakhand earthquake of 6 February 2017 (M w 5.3) in the Himalayan arc and implications for ground motion estimation, **Journal of Seismology**, 1-15, /doi.org/10.1007/s10950-018-9732-2. **IF: 1.325, Citations: 7**
5. Shri Krishna Singh, **D Srinagesh**, Xyoli Pérez-Campos, Dakuri Srinivas, Gaddale Suresh, Gudapati Suresh, Rajender Kumar Chadha, 2020, Seismic wave amplification in the central Indo-Gangetic Plains, India, estimated from the ratio of soft to hard site source spectrum, **Journal of Seismology**, 24, 679-692, doi.org/10.1007/s10950-020-09931-6. **IF: 1.325 Citations: 4**
6. Kazuki Koketsu, Hiroe Miyake, YujiaGuo, Hiroaki Kobayashi, Tetsu Masuda, **D. Srinagesh**, Mukunda Bhattarai, Lok Bijaya Adhikari and Soma Nath Sapkota, 2016, Widespread ground motion distribution caused by rupture directivity during the 2015 Gorkha, Nepal earthquake, **Nature Scientific Reports**, 1-8, DOI: 10.1038/srep28536. **IF: 3.998 Citations: 38**
7. **D. Srinagesh** and P. Rajagopala Sarma, 2005, High Precision earthquakes in Koyna-Warna seismic zone reveal depth variation in brittle-ductile transition zone, **Geophysical Research Letters**, 32(8),_doi: 10.1029/2004GL022073. **IF: 4.5 Citations: 28**
8. **D. Srinagesh**, Sunil Singh, K. Srinath Reddy, K.S. Prakasam, and S.S. Rai, 2000, Evidence for high velocity in Koyna Seismic Zone from P-wave teleseismic Imaging, **Geophysical Research Letters**, 27, 2737-2740. **IF: 4.5 Citations: 34**
9. Kristen L Cook, Rajesh Rekapalli, Michael Dietze, Marco Pilz, Simone Cesca, N Purnachandra Rao, **D Srinagesh**, Himangshu Paul, Malte Metz, Prantik Mandal, G Suresh, Fabrice Cotton, VM Tiwari, Niels Hovius, 2021, Detection and potential early warning of

catastrophic flow events with regional seismic networks, **Science**, 374, 87-92, DOI: 10.1126/science.abj122, **IF: 41.845, Citations 45**

10. K P Sreejaya, S T G Raghukanth, **D Srinagesh**, 2023, Seismic wave propagation simulations in Indo-Gangetic basin using spectral element method, *Geophysical Journal International*, **232**, 247–273, <https://doi.org/10.1093/gji/ggac301>, **IF: 2.8, Citations 2**

The Publications 1-8 and 10 are directly related to Earthquake Hazard Assessment

No. of Books Authored/Edited : One

Publications:

Special Volume:

1. Tectonophysics Special Volume on Earthquake Prediction 2001, (Eds: H.K. Gupta, R.K. Chadha and **D. Srinagesh**), 338(3-4). **IF: 3.048**

Book Chapters:

Rai, S. S., S.K. Singh, P. V. S. S. Rajagopala Sarma, **D. Srinagesh**, K. N. S. Reddy, K.S.Prakasam and Y. Satyanarayana, (2000), Preliminary result from seismic tomographic digital array in Koyna region, Research Highlights in Earth System Science, DST, Edited by O.P.Varma and T.M.Mahadevan, 163-179.

D. Srinagesh, R. K. Chadha, D.V. Ramana, C.S.P. Sarma. M. Sekhar, Ch. Patanajali and G.U. Mahesh, (2000), Site response studies based on Ambient Noise Measurements in Bangalore, Proceedings of Microzonation Workshop held at IISC, June 26-27, 2007, Published by Interline Publishing, 76-84.

Peer-reviewed Journal Publications:

2023

International Journals

1. K P Sreejaya, S T G Raghukanth, **D Srinagesh**, 2023, Seismic wave propagation simulations in Indo-Gangetic basin using spectral element method, *Geophysical Journal International*, **232**, 247–273, <https://doi.org/10.1093/gji/ggac301>, **IF: 2.8**
2. J Basu, B Podili, STG Raghukanth, **D Srinagesh**, 2023, Ground motion parameters for the 2015 Nepal earthquake and its aftershocks, *Natural Hazards*, **116**, 2091-2134, **IF: 3.102**
3. N Subhadra, S Padhy, **D Srinagesh**, 2023, Regional variability in ground motion amplitude in western Himalaya, *Journal of Seismology*, **27**, 455-471, doi.org/10.1007/s10950-023-10144-w, **IF:1.6**
4. A K Gupta, Prantik Mandal, **D Srinagesh**, Anil Tiwari, Kalachand Sain, Ajay Paul, 2023, One dimensional regional shear velocity structure from joint inversion of fundamental mode

group velocity dispersion measurements of Love and Rayleigh waves-application to the Uttarakhand Himalaya, *Acta Geophysica*, **IF: 2.293**

5. KP Sreejaya, STG Raghukanth, ID Gupta, **D Srinagesh** and CVR Murty, 2022, Seismic hazard map of India and neighbouring regions, *Soil dynamics and earthquake engineering*, *Soil Dynamics and earthquake engineering*, 163, doi.org/10.1016/j.soildyn.2022.107505, **IF:4.0**

Indian Journals

6. TC Sunilkumar, Vineet K Gahalaut, **D Srinagesh**, B Naresh, 2023, Seismotectonic significance of the December 1, 2020 Haridwar, India earthquake (M 4.3), a lower crust event near the Himalayan topographic front, *J Earth Syst Sci*, **132**, 46, doi.org/10.1007/s12040-023-02072-7, **IF: 1.9**
7. M Shekar, N Subhadra, **D Srinagesh**, 2023, Coda Q from educational seismograph network around Koyna–Warna, western India, *J Earth Syst Sci*, **132**, 98 ,doi.org/10.1007/s12040-023-02108-y, **IF: 1.9**

2022

International Journals

8. KS Reshma, Bhaskar Illa, Prakash Kumar, **D Srinagesh**, 2022, Lg Q in the Indian shield, *Pure and Applied Geophysics*, 179, 149–168, doi.org/10.1007/s00024-021-02911-y, **IF: 2.56**
9. Bhargavi Podili, KP Sreejaya, STG Raghukanth, **D Srinagesh**, CVR Murty, 2022, A Vertical-to-horizontal spectral ratio model for India, *Soil Dynamics and Earthquake Engineering*, 152, doi.org/10.1016/j.soildyn.2021.107060, **IF: 3.718**
10. KP Sreejaya, STG Raghukanth, **D Srinagesh**, CVR Murty, 2022, Displacement response spectra for active seismic regions in India, *International Journal of Earthquake and Impact Engineering*, 4, 44-82, **IF: 0.176**
11. Nitin Sharma, **D Srinagesh**, G Suresh, D Srinivas, 2022, Stochastic simulation of strong ground motions from two M> 5 Uttarakhand earthquakes, *Frontiers in Earth Sciences*, doi:10.3369, **IF: 3.229**
12. Prantik Mandal, HVS Satayanarayana, D Shashidhar, Arti Devi, **D Srinagesh**, 2022, Simultaneous estimation of site response and source parameters of reservoir-triggered earthquakes using data from the borehole seismic network in the Koyna–Warna seismic zone, Maharashtra, India, *Natural Hazards*, 111, 1335–1354, 10.1007/s11069-021-05096-8, **IF: 3.102**
13. Prantik Mandal, **D Srinagesh**, R Vijayaraghavan, G Suresh, B Naresh, P Solomon Raju, Aarti Devi, K Swathi, Dhiraj K Singh, D Srinivas, Satish Saha, M Shekar, ANS Sarma, YVVBSN Murthy, 2022, Seismic velocity imaging of the Kumaon–Garhwal Himalaya, India, *Natural Hazards*, 111, 2241–2260, doi.org/10.1007/s11069-021-05135-4, **IF: 3.102**
14. Kalpna Gahalaut, VK Gahalaut, B Naresh, M Shekar, T C Sunilkumar, **D Srinagesh**, 2022, Long duration non-volcanic and non-tectonic Palghar earthquake swarm in the stable continental region of India—role of seasonal rainfall and earthquake cascading, *J Seismol* **26**, 545–554, doi.org/10.1007/s10950-022-10087-8, **IF: 1.489**
15. Prantik Mandal, D Srinivas, Pavan K Vengala, **D Srinagesh**, G Suresh, B Naresh, 2022, Delineation of crustal and lithospheric structure below the 2019 Palghar swarm activity region, Maharashtra, India, *Natural Hazards*, **130**, doi.org/10.1007/s11069-022-05387-8, **IF: 3.102**

Indian Journals

16. S Shaheena Parvin, **D Srinagesh**, R Vijayraghavan, VK Gahalaut, 2022, Urbanization effect on Hyderabad seismic station, Journal of Earth System Science, **131**, 93, doi.org/10.1007/s12040-022-01830-3, **IF: 1.423**
17. Prantik Mandal, **D Srinagesh**, G Suresh, B Naresh, D K Singh, K Swathi, A Devi, R Vijayaraghavan, M Sekhar, Satish Saha, P K Vengala, A K Gupta, 2022, Three dimensional b-value and Fractal Dimension Mapping of the Uttarakhand Himalayan Region, Jour. Geological Society of India, **98**, 1365-1379, **IF: 1.44**

2021

International Journals

18. Sunil K Roy, **D Srinagesh**, G Suresh, D Srinivas, 2021, Disparate deformation of the crust and upper mantle beneath the Doda-Kisthwar region, NW Himalaya, Physics of the Earth and Plate Interiors, 310, 1-15, doi.org/10.1016/j.pepi.2020.106635. **IF: 2.237**
19. N Purnachandra Rao, Rajesh Rekapalli, **D Srinagesh**, VM Tiwari, Niels Hovius, Kristen L Cook, Michael Dietze, 2021, Seismological rockslide warnings in the Himalaya, Science, 372, 247, doi. 10.1126/science. abi4819. **IF: 41.845**
20. Stacey S Martin, Rémy Bossu, Robert Steed, Matthieu Landès, **Davuluri Srinagesh**, Dakuri Srinivas, Susan E Hough, 2021, When Punjab Cried Wolf: How a Rumor Triggered an “Earthquake” in India, Seismological Research Letters, 92, 3887-3898, **IF: 3.754**
21. Jahnabi Basu, Bhargavi Podili, STG Raghukanth, **D Srinagesh**, 2021, Ground Motion Parameters for the 2015 Nepal Earthquake, Research Square
22. Kristen L Cook, Rajesh Rekapalli, Michael Dietze, Marco Pilz, Simone Cesca, N Purnachandra Rao, **D Srinagesh**, Himangshu Paul, Malte Metz, Prantik Mandal, G Suresh, Fabrice Cotton, VM Tiwari, Niels Hovius, 2021, Detection and potential early warning of catastrophic flow events with regional seismic networks, Science, 374, 87-92, DOI: 10.1126/science. abj122, **IF: 41.845**
23. Bhaskar Illa, Prakash Kumar, KS Reshma, Uppala Srinu, **D Srinagesh**, 2021, Sn wave tomography of the uppermost mantle beneath the Indian shield and its adjacent regions, PEPI, 319, doi.org/10.1016/j.pepi.2021.106785, **IF: 2.237**
24. Aman Sharma, Divakar Vashisth, B Naresh, G Suresh, P Solomon Raju, R Vijaya Raghavan, **D Srinagesh**, 2021, An ML scale for Eastern Dharwar Craton and adjoining regions, Journal of Seismology, 25, 1251-1263, doi.org/10.1007/s10950-021-10028-x, **IF: 1.489**
25. Bhaskar Illa, KS Reshma, Prakash Kumar, **D Srinagesh**, C Haldar, Sanjay Kumar, Prantik Mandal, 2021, Pn tomography and anisotropic study of the Indian shield and the adjacent regions, Tectonophysics, 813, doi.org/10.1016/j.tecto.2021.228932, **IF: 3.933**
26. Uppala Srinu, Prakash Kumar, C Haldar, M Ravi Kumar, **D Srinagesh**, Bhaskar Illa, 2021, X-Discontinuity Beneath the Indian Shield—Evidence for Remnant Tethyan Oceanic Lithosphere in the Mantle, Journal of Geophysical Research: Solid Earth, 126, doi.org/10.1029/2021JB021890, **IF: 3.848**
27. Prantik Mandal, D Srinagesh, G Suresh, B Naresh, Mahalaxmi Naidu, Dhiraj Kumar Singh, K Swathi, Arti Devi, S Vittal, PK Vengala, R Vijaya Raghavan, M Shekar, Satish Saha, 2021,

Characterization of earthquake hazard at the Palghar and Pulichintala swarm activity regions (India) through three-dimensional modelling of b-value and fractal (correlation) dimensions, *Natural Hazards*, 108, 1183–1196, doi.org/10.1007/s11069-021-04726-5, **IF: 3.102**

28. Prantik Mandal, D Srinivas, G Suresh, **D Srinagesh**, 2021, Modelling of crustal composition and Moho depths and their Implications toward seismogenesis in the Kumaon–Garhwal Himalaya, *Nature Scientific Reports*, 11 (14067), doi.org/10.1038/s41598-021-93469-1, **IF: 4.379**
29. KP Sreejaya, Jahnabi Basu, STG Raghukanth, **D Srinagesh**, 2021, Prediction of ground motion intensity measures using an artificial neural network, *Pure and Applied Geophysics*, 178, 2025–2058, doi.org/10.1007/s00024-021-02752-9, **IF: 2.56**

Indian Journals

30. K Satish Kumar, P SivaSankar, S Parveen Begum, B Laxman, Phalke Mahesh Devidas, V Maha Laxmi Naidu, P Solomon Raju, **D Srinagesh**, 2021, Appraisal of Veldurti–Kalva–Gani (VKG) fault, Cuddapah Basin, India: Gravity and magnetic approach, *Journal of Earth System Science*, 130 (1), Article 40, doi.org/10.1007/s12040-020-01519-5, **IF: 1.423**
31. **D Srinagesh**, TC Sunilkumar, B Naresh, S Vitthal, Dhiraj K Singh, Ravi P Singh, Mahalaxmi Naidu, G Suresh, P Solomon Raju, V Pavan Kumar, Prantik Mandal, ANS Sarma, 2021, A study of Palnadu earthquake sequence in the Cuddapah basin and its tectonic implications, *Journal of Earth System Science*, 130 (1), Article 52, doi.org/10.1007/s12040-021-01552-y, **IF: 1.9**
32. D. Srinagesh, S.K.Singh, D. Arroyo, D. Srinivas, G. Suresh, G. Suresh, 2021, Ground motion prediction equation for earthquakes along the Western Himalayan arc, *Current Science*, 120(6), 1074-1082, doi: 10.18520/cs/v120/i6/1074-1082, **IF: 0.756**
33. Prantik Mandal, **D Srinagesh**, G Suresh, B Naresh, Mahalaxmi Naidu, Dhiraj Kumar Singh, K Swathi, Arti Devi, S Vittal, PK Vengala, R Vijaya Raghavan, M Shekar, Satish Saha, 2021, Characterization of earthquake hazard at the Palghar and Pulichintala swarm activity regions (India) through three-dimensional modelling of b-value and fractal (correlation) dimensions, *Natural Hazards*, 97, doi.org/10.1007/s11069-021-04726-5, **IF: 2.427**
34. **D Srinagesh**, V Pavan Kumar, 2021, A Review of the CSIR-NGRI Seismicity Studies during the Last Sixty Years, *Journal Geological Society of India*, 97, 1157-1162, **IF:1.459**
35. Sunil K Roy, M Ravi Kumar, **D Srinagesh**, 2021, Mantle Deformation Beneath India Inferred from Shear Wave Splitting, *Journal Geological Society of India*, 97,1200-1206, **IF:1.459**
36. S Shaheena Parvin, B Naresh, R Vijaya Raghavan, P Solomon Raju, G Suresh, **D Srinagesh**, L Surinaidu, 2021, Source parameters of shallow microtremors induced by seasonal groundwater recharge in Hyderabad, Southern Peninsular India, *Journal Geological Society of India*, 97,1073-1079, **IF:1.459**

2020

International Journals

37. Shri Krishna Singh, **D Srinagesh**, Xyoli Pérez-Campos, Dakuri Srinivas, Gaddale Suresh, Gudapati Suresh, Rajender Kumar Chadha, 2020, Seismic wave amplification in the central Indo-Gangetic Plains, India, estimated from the ratio of soft to hard site source spectrum, Journal of Seismology, 24, 679-692, doi.org/10.1007/s10950-020-09931-6. **IF: 1.325**

Indian Journals

38. B Naresh, Prantik Mandal, Solomon Raju, R Vijaya Raghavan, G Suresh, **D Srinagesh**, 2020, Magnitude estimation of regional earthquakes in India and its adjoining region, Journal of Earth System Science, 129 112, doi.org/10.1007/s12040-020-1374-4 **IF: 1.423**
39. **D Srinagesh**, Dhiraj Kumar Singh, G Vikas, B Naresh, Sunil Roy, YVBSN Murthy, P Solomon Raju, G Suresh, Prantik Mandal, ANS Sharma, M Shekar, VM Tiwari, 2020, An appraisal of recent earthquake activity in Palghar region, Maharashtra, Current Science, 118(10), 1592-1598, doi: 10.18520/cs/v118/i10/1592-1598. **IF:0.756**
40. R Pradeep Kumar, **D Srinagesh**, T Seshunarayana, RK Chadha, Narender Bodige, G Suresh, D Hima Chandan, CVR Murty, 2020, Vulnerability assessment of a heritage structure subjected to blast-induced ground motions, Current Science, 119(7), 1131-1141, doi: 10.18520/cs/v119/i7/1131-1141. **IF:0.756**

2019

International Journals

41. Guruhappa, H., K Srivastava, **D Srinagesh**, and T Vijay Kumar, 2019, Stochastic Modeling of the Thermal Structure to Decipher the Lithospheric Thickness: Application to Dharwar Craton, Pure Appl. Geophys., 176, 203-214. **IF: 1.586**
42. Sunil K Roy, Nozomu Takeuchi, **D Srinagesh**, M Ravi Kumar, Hitoshi Kawakatsu, 2019, Topography of the western Pacific LLSVP constrained by S-wave multipathing, Geophysical Journal International, 218(1), 190–199, doi.org/10.1093/gji/ggz149 **IF: 2.574**
Citations:2
43. VI Vettegren, AV Ponomarev, RI Mamalimov, IP Shcherbakov, K Arora, **D Srinagesh**, RK Chadha, 2019, Microcracks in Basalt and Tonalite at Friction, Izvestiya, Physics of the Solid Earth, 55(6), 879-885, doi.org/10.1134/S1069351319060090 **IF: 0.796**

Indian Journals

44. **D Srinagesh**, Prantik Mandal, R Vijaya Raghavan, Sandeep Gupta, G Suresh, D Srinivas, Satish Saha, M Sekhar, K Sivaram, Sudesh Kumar, P Solomon Raju, ANS Sarma, YVBSB Murthy, NK Borah, B Naresh, BNV Prasad, VM Tiwari, 2019, Digital seismic network: to map Himalayan orogen and seismic hazard, Current Science, 116 (4), 518-519, **IF: 0.756**

2018

International Journals

45. **D Srinagesh**, SK Singh, G Suresh, D Srinivas, X Pérez-Campos, G Suresh, 2018, A study of Guptkashi, Uttarakhand earthquake of 6 February 2017 (M w 5.3) in the Himalayan arc and implications for ground motion estimation, *Journal of Seismology*, 1-15, /doi.org/10.1007/s10950-018-9732-2. **IF: 1.325, Citations:3**
46. C Haldar, P Kumar, M Ravi Kumar, L Ray, **D Srinagesh**, 2018, Seismic evidence for secular evolution and alteration of Archaean crust in Indian shield, *Precambrian Research*, V 304,12-20, **IF: 4.427, Citations:2**
47. Nampally, S., S Padhy, **D Srinagesh** and T Seshunarayana, 2018, Evaluation of ground motion and site-specific response spectrum for different parts of India by the method of semi-empirical Green's function *Arab J Geosci.*, V 11: 255, <https://doi.org/10.1007/s12517-018-3600-9> **IF: 1.327**
48. Smirnov, V.B., V O Mikhailov, A V Ponomarev, K. Arora, R. K. Chadha, **D. Srinagesh** and M. G. Potanina, 2018, On the Dynamics of the Seasonal Components of Induced Seismicity in the Koyna–Warna Region, Western India *Izv., Phys. Solid Earth*, V 54: 632, doi.org/10.1134/S1069351318040109, **IF: 0.796, Citations:3**

2017

International Journals

49. A Singh, M Ravi Kumar, DD Mohanty, C Singh, R Biswas, **D Srinagesh**, 2017, Crustal Structure Beneath India and Tibet: New Constraints from Inversion of Receiver Functions, *Jour. of Geophysical Research: Solid Earth* 122 (10), 7839-7859 **IF: 3.64, Citations:13**
50. SK Roy, MR Kumar, **D. Srinagesh**, 2017, Anisotropy in subduction zones: Insights from new source side S wave splitting measurements from India, *Jour. of Geophysical Research: Solid Earth* 122 (8), 6454-6472, **IF: 3.64, Citations:2**
51. VO Mikhailov, K Arora, AV Ponomarev, **D Srinagesh**, VB Smirnov and R.K. Chadha, 2017, Reservoir induced seismicity in the Koyna–Warna region, India: Overview of the recent results and hypotheses, *Izvestiya, Physics of the Solid Earth* 53 (4), 518-529 **IF: 0.796**
52. B Smirnov, **D Srinagesh**, AV Ponomarev, R Chadha, VO Mikhailov, MG Potanina, IM Kartashov, SM Stroganova, 2017, The behavior of seasonal variations in induced seismicity in the Koyna–Warna region, western India, *Izvestiya, Physics of the Solid Earth* 53 (4), 530-539 **IF: 0.796**
53. SK Singh, **D. Srinagesh**, D Srinivas, D Arroyo, X Pérez-Campos, R K Chadha, G Suresh, (2017), Strong Ground Motion in the Indo-Gangetic Plains during the 2015 Gorkha, Nepal, Earthquake Sequence and Its Prediction during Future Earthquakes, *Bulletin Seismological Society of America*, 107, doi:10.1785/0120160222. **IF: 2.274**

2016

International Journals

54. Chadha, R.K., **D. Srinagesh**, D. Srinivas, G. Suresh, A. Sateesh, S. K. Singh, X. Pérez-Campos, G. Suresh, K. Koketsu, T. Masuda, K. Domen, T. Ito, 2016, CIGN, a Strong Motion Seismic Network in Central Indo-Gangetic Plains, Foothills of Himalayas: First Results, Seismological Research Letters Volume 87(1), 36-47, doi.org/10.1785/0220150106 **IF: 3.13**
55. Kazuki Koketsu, Hiroe Miyake, YujiaGuo, Hiroaki Kobayashi, Tetsu Masuda, **D. Srinagesh**, Mukunda Bhattarai, Lok BijayaAdhikari and Soma Nath Sapkota, 2016, Widespread ground motion distribution caused by rupture directivity during the 2015 Gorkha, Nepal earthquake, Nature Scientific Reports, 1-8, DOI: 10.1038/srep28536. **IF: 3.998**
56. V K Gahalaut, Stacey S. Martin, D. Srinagesh, S.L. Kapil, G. Suresh, Saurav Saikia, Vikas Kumar, Harendra Dadhich, Aqeel Patel, Sanjay K. Prajapati, H.P. Shukla, J.L. Gautam, P.R. Baidya, Saroj Mandal, Ashish Jain, 2016, Seismological, geodetic, macroseismic and historical context of the 2016 Mw 6.7 Tamenglong (Manipur) India earthquake, Tectonophysics, 688, 36–48, doi.org/10.1016/j.tecto.2016.09.017. **IF: 3.048**
57. Sunil K Roy, M Ravi Kumar, YJ Bhaskar Rao, G Srijayanthi, **D. Srinagesh**, HV Satyanarayana, D Sarkar, 2016, Imprints of diverse mantle deformational episodes in the Cauvery Suture Zone, South India, Precambrian Research, 278, 207-217, doi.org/10.1016/j.precamres.2016.03.022. **IF: 3.048**
58. Debasis D Mohanty, Arun Singh, Leland J O'Driscoll, M Ravi Kumar, **D. Srinagesh**, Eugene D Humphreys, 2016, P wave velocity structure below India and Tibet incorporating anisotropic delay time effects, Geochem. Geophys. Geosyst., 17, 725-738. **IF: 3.28**

2015

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