LIST OF PUBLICATIONS OF THE CANDIDATE

INTERNATIONAL

1. PATIDAR, A. K., Maurya, D. M., Thakkar, M. G. and Chamyal, L. S. (2007). Fluvial geomorphology and neotectonic activity based on field and GPR data, Katrol hill range, Kachchh, western India. Quaternary International, (Elsevier), 159, 74-92.

2. Maurya, D. M., Goyal, B., PATIDAR, A. K., Mulchandani, N., Thakkar, M. G. and Chamyal, L. S. (2006). Ground Penetrating Radar imaging of two large sand blow craters related to the 2001 Bhuj earthquake, Kachchh, Western India. Journal of Applied Geophysics, (Elsevier), 60 (2), 142-152.

3. Mulchandani, N., PATIDAR, A. K., Vaid, S. I. and Maurya, D. M. (2007). Late Cenozoic geomorphic evolution in response to inversion: Evidence from field and GPR studies in Kim drainage basin, Western India. Journal of Asian Earth Sciences, (Elsevier), 30, 33-52.

4. Maurya, D. M., Thakkar. M. G., PATIDAR, A. K., Bhandari, S., Goyal, B. and Chamyal, L. S. (2008). Late Quaternary Geomorphic evolution of the costal zone of kachchh, Western India. Journal of Coastal Research, 24, 746-758.

5. PATIDAR, A. K., Maurya, D. M. and Chamyal, L. S. (2006). Shallow Subsurface Characterization of Active Faults using Ground Penetrating Radar: Example from Katrol Hill Fault (KHF), Kachchh, Western India. Proceedings of the 11th International Conference on Ground Penetrating Radar (GPR 2006), The Ohio State University, Columbus, Ohio, (Full paper).

6. Bhatt, N. P., PATIDAR, A. K., Maurya, D. M. and Chamyal, L. S. (2006). Delineation of Three Shallow Subsurface Faults using GPR in South Saurashtra, Western India. Proceedings of the 11th International Conference on Ground Penetrating Radar (GPR 2006), The Ohio State University, Columbus, Ohio, (Full paper).

NATIONAL

7. Maurya, D. M., PATIDAR, A. K., Mulchandani, N., Goyal, B., Thakkar, M. G., Bhandari, S., Vaid, S. I, Bhatt, N. P. and Chamyal, L. S. (2005). Need for initiating Ground Penetrating Radar (GPR) studies along Active faults in India: An example from Kachchh. Current Science, 88, 231-240.

8. Alpa Sridhar and ATUL PATIDAR. (2005). Ground Penetrating Radar studies of a point-bar in the Mahi River Basin, Gujarat. Current Science, 89, 183-189.

9. Thakkar, M. G., Goyal, B., PATIDAR, A. K., Maurya, D. M. and Chamyal, L. S. (2006). Bed rock gorges in the central Mainland Kachchh: implications for landscape evolution. Journal of Earth System Science, 115 (2), 249-256.

10. PATIDAR, A. K., Maurya, D. M., Thakkar, M. G. and Chamyal, L. S. (2008). Evidence of neotectonic reactivation of Katrol Hill Fault (KHF) during late Quaternary and its GPR characterization. Current Science, 94, 338-346.

11. Chamyal, L. S., PATIDAR, A. K. and Gupta, K. R. (2008). Fundamentals of Ground Penetrating Radar and its use in Subsurface Geological studies: examples from Gujarat, western India. Geo-spectrum Interface, 2, 5-16.

12. Shukla, S. B., PATIDAR, A. K. and Bhatt, N. (2008) Application of GPR in the study of shallow subsurface sedimentary architecture of Modwa spit, Gulf of Kachchh. Journal of Earth System Sciences, 117, 33-40.