

REFERENCES

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- Agarwal, G.C. (1984). Further studies on Tertiary and Quaternary Sequences of South Gujarat with reference to their structural style and geomorphic expressions. Unpublished Ph.D thesis, M.S. University of Baroda.
- Alavi, S.A. (1988). Evolution of the basalt landscape of South Gujarat; An appraisal of the tectonic factor, National seminar on Recent Quaternary Studies in India (Abstract). Dept. of Geology, M.S. University, Baroda.
- Al Hashimi, F, and Vashi, (1988) : 'Ancient Beach Rocks' of South Gujarat and North Maharashtra. National Seminar on Recent Quaternary Studies in India Ed. Patel. M.P. Dept. of Geology, M.S. University of Baroda. p. 367-377.
- Auden, J.B. (1949). Dykes in W.India Trans. Nat. Instt. of Science, India, V.3, p. 123-157.
- Babu, P.V.L.P. (1984). A Structural Synthesis of the lower Narmada River Basin and its bearing on the Mesozoic oil prospects. Petroleum Asia Journal. Vol. VII, No.1, p. 97-101.
- Biswas, S.K. (1971). Note on Geology of Kutch. Quat. Jour. Geol. Min. Mat.Soc.India, 43 : 4, p. 223-235.
- Biswas, S.K. (1982). Rift basins in the western margin of India and their hydrocarbon prospects. Bull. Am. Assoc. Pet.Geol. 66 (10); p. 1497-1513.
- _____, (1987). Regional framework, structure and evolution of the western marginal basins of India. Tectonophysics. 135, p. 307-327.
- Blandford, W.T. (1869). Geology of Taptee and lower Narmada Valleys and some adjoining districts. Mem. G.S.I., Vol.6. Pt.3.
- Bloom, A.L. (1979). Geomorphology (A systematic analysis of late Cenozoic landforms). Prentice - Hall of India private limited, New Delhi - 11001, p. 510.
- Budel, J. (1948). Die Klima Morphologischen Zones der polarlander, Erkunde, 2, p. 25-53.
- _____, (1963). Klima - genetische Geomorphologie, Geor. Rudschau, 7, p. 269-286.
- Bose, M.K. (1972). Deccan basalts. Lithos, V.5 p. 131-145.

- Chandra, P.K. and Chowdhary, L.R. (1969). Stratigraphy of the Cambay Basin. Bull ONGC, Vol. 6 No.2.
- Chansarkar, R.A. (1974) Drainage and slope analysis of Kosi Basin in Central Kumaun with special reference to the geological controls. Unpublished Ph.D. Thesis, M.S. University of Baroda.
- Chorley, R.J. (1957 a). Climate and Morphometry, Jour. Geol. V.65, p. 628-638.
- _____, (1958 a). Group operator Variance in Morphometric work with maps, Am. Jour. Sci. V. 25b, p. 370-374.
- _____, (1958 b). Aspects of the Morphometry of a polycyclic Drainage Basin, Geog. Jour. V. 124, p. 370-374.
- Clarke, J.T. (1967). Morphometry from maps. In Essays in Geomorphology Heinmann. Dury, G.H. (ed). (1967), London, p. 235-274
- Das, S.R. and Ray, A.K. (1977). Fracture pattern within Deccan Trap and west coast of India. G.S.I. Misc. Publication, No. 31.
- Davis, W.M. (1909). Complications of the Geographical cycle. Proc. 8th, Int. Geol. Cong. p. 150-163.
- Dietz, R.S. and Holden, J.C. (1970 a). Reconstruction of Pangaea, breakup and dispersion of continents, Permian to Present. Jour. Geophys. Research, V. 75, p. 4939-4959.
- _____, (1970 b). The breakup of Pangaea. Sci. Am. V. 223, No. 4, p. 30-41.
- Dury, G.H. (1952). Map Interpretation. Pitman, London, p. 167-179.
- Gadekar, D.R. (1976). Particle size determinations of Tertiary rocks from South Gujarat and their significance in the reconstruction of depositional environment. Bull. Ind. Geol. Assoc. Chandigarh, vol.10, no, 2 p.45-56.
- Gadekar, D.R. (1980). Petrography of the Tertiary rocks around Jhagadia, district Broach, Gujarat and its significance in the inference of provenance and depositional environment Jour. Indian Assoc. Sediment. P. 23-29.
- Gelfand, I.M. et.al. (1972). Criteria of high seismicity determined by pattern recognition. In : The upper Mantle : Ritsema, A.R. (ed) Elsevier Publ. Co. Amsterdam, p. 415-422.

- Ghose, N.C. (1976). Composition and origin of Deccan basalts, Lithos, V. 9, p. 65-73.
- Gregory K.J. and Walling, D.E. (1973) : Drainage Form and Processes, Ed. Arnold, p. 458.
- Gubin, L.E. (1969). Earthquakes and Seismic zoning of Indian peninsula. Central water and power commission press, New Delhi.
- Gupta, H.K. Indra Mohan and Hare Narian (1972). The Broach earthquake of March 23, 1970, Bull of the seismological society of America, Vol. 62, No. 1 p. 47-61.
- Horton, R.E. (1945). Erosional Development of streams and their Drainage Basins. Hydrophysical Approach to Quantitative Morphology. Bull. Geol. Soc. Am. V.56, p. 275-370.
- Howard, A.D. (1967). Drainage analysis in geologic interpretation, A summation. Am. Asso. Pet. Geol. Bull. V.51. No. 11, p. 2246-2259.
- Huzita, K.K., Kishimoto and K. Shinoda (1973). "Neotectonics and Seismicity in the Kinki area" Southwest Japan, Jour. Geosci, Osaka city University, 16, p. 93-124.
- Jootun, L. ^{and} Vashi, N.M. (1982). Geomorphic studies on the coastal plains of South Gujarat. Unpublished U.G.C. report. M.S. University of Baroda, p. 286-313. ✓
- Kaila, K.L., Krishna, V.G., and Mall, D.M. (1981). Crustal structure along Mehmedabad - Billimora profile in the Cambay basin, India, From deep seismic soundings, Tectonophysics, 76 : p. 99-130.
- King, C.A.M., (1971) Beaches and Coasts : Edward Arnold Publisher, Ltd. London, p. 403.
- Konda, T. (1985). Regional petrology of Deccan volcanic province, Indian Mineral, (Sukeshwala Vol. 1, p. 75-91).
- Krishnan, M.S. (1982). Geology of India and Burma 6th edition. CBS publishers and Distributors. New Delhi. p. 536.
- Krishnaswamy V.S. (1981). The Deccan Volcanic episode, related tectonism and geothermal manifestations in Deccan Volcanism. Geol. Soc. of India. Mem. 3, p. 1-7.
- Leopold, L.B., Wolman, M.G. and Miller, J.P. (1969). Fluvial processes in geomorphology : Evans publishing House (p) Ltd. Ram Nagar, New Delhi - 1, p. 532.
- Mathur, L.P., Rao, K.L.N. and Chaube, A.N. (1968). Tectonic Framework of Cambay Basin, India, Bull. ONGC 5:1, 7-28.

- Mackenzi D. (1984). A possible mechanism for epeirogenic uplift. Nature, vol. 307. p. 616-618.
- Merh S.S. (1986). "Evolution of Gujarat Coastline". Professor S. Mukherjee memorial lecture, M.G. Science Institute, Ahmedabad - 9.
- Merh S.S. (1987). "Quaternary sea level changes : The present status vis-a-vis records along coasts of India". Indian Journal of Earth Sciences Vol. 14. Nos. 3-4. p. 235-251.
- Mieczyslaw Klimasjawski (1982). Detail geomorphological maps. ITC Journal-3 Academy of Science, Krakow, Poland p. 265-271.
- Mittal, G.S. (1981). Report on systematic, Hydrological investigations in Dang district Gujarat. unpublished report, of central ground water board Govt. of India.
- Nair, K.K.K., Jain, S.C. and Yedkar, D.B. (1988). "Geology and Tectonics of Deccan Traps in Narmada - Tapti Region of Maharashtra and Madhya Pradesh, Central India : Deccan Flood Basalts G.S.I. Mem. No. 10. (Abstract).
- Ollier C.D. and Power, K.B. (1985). The Western Ghats and the Morphotectonics of Peninsular India". Z.Geomorph. N.F. Suppl. Bd. 54, Berlin-Stuttgart, p. 57-69.
- Pal, P.C. and Bhimsankaram, V.L.S. (1972). "Palaeomagnetism and the Deccan Trap Volcanism. Bull : Volc. Tome XXXV, Face 3, Pro. Int. Symp. On Deccan Trap and other flood eruptions, ed. U.Awstathanarayana, p. 766-789.
- Pascoe, E.H. (1964). A manual of the geology of India and Burma. Published by manager of publication, Govt. of India Delhi.
- Patel, M.P., Patel, S.G., and Merh, S.S. (1982). Geomorphic studies on the coastline between Mahi and Tapi river mouths. Unpublished U.G.C report M.S University of Baroda. P. 227 - 247.
- Patel, P.P. and Tiwari, K.C. (1987). "Hydrogeological studies in Pindval area of Dharampur, Valsad Dist., Gujarat State (For Oxfam (India) trust) Dept. of Geol. M.S. University of Baroda. p. 129.
- Power, K.B. (1981). "Lineament fabric and Dyke Pattern in the western part of the Deccan Volcanic province". Deccan Volcanism Geol. Soci of India, Mem. No. 3. p.45-57.
- Radhakrishna, B.P. (1965). "The western Ghats of the Indian Peninsula". Sagar Symposium, p. 4-14.

- / Raju, A.T.R. (1968). Geological evaluation of Assam and Cambay Tertiary Basins of India. Bull. AAPG. Vol 52, No.12, p. 2422-2437.
- / Rao. K.L.N. (1969). "Lithostratigraphy of Paleogene Succession for Southern Cambay basin". Bull. ONGC, Vol.6, No.1 P. 24-37.
- / Rao. K.L.N. (1987). "Geological study of the Northern Cambay Basin with special reference to its tectonic framework and depositional environments. Unpublised Ph.D. thesis. M.S. University.
- / Rao. D.T. Jambusaria, B.B., Rama Rao, J.V., Thatte C.D. and Srivastava, H.N. (1986). "A seismological study of recent Valsad Earth Tremors, South Gujarat". 8th symp. on Earthquake engineering, Roorkee, Vol. 1, PP 55-62.
- / Ramsay J.G. (1967). "Folding and Fracturing of rocks". Mc Graw - Hill Book Co. New york, P.568.
- / Ray. D. (1981) "Stratigraphy and Sedimentation of the Bagh beds of lower Narmada Valley, Gujarat". Unpublished Ph.D thesis, M.S University of Baroda.
- / Scheidegger, A.E, and Padale, J.G. (1982). "A geodynamic study of Peninsular India". Mechanique des Roches, springer Verlag, p. 209-241.
- / Schumm, S.A. (1956). Evaluation of drainage basins and slopes in badlands at Perth Ambay. Newjersey". Full. Geol. Soci. Amer Vol. 67, P. 597-646.
- / Schumm. S.A. (1972). "Variability of river patterns. Nature (Phys.Sci), 237.P.75-76
- / Schumm, S.A., Mosley. M.P. and Weaver, W.E. (1987). "Experimental fluvial geomorphology, New york. John wiley and sons, p 413.
- / Sahastrabude P.W (1962). Palaeomagnetism and the geology of the Deccan traps, Prof. Semin Geoph. Invest. Peninsular Shield Osmania University, Hyderabad, p. 226-243.
- / Sahastrabude., Y.S. (1978). "Bauxite deposits of Gujarat, Maharashtra and parts of Karnataka", Bull., G.S.I, Series A Economic Geology No 39.
- / Sclator and Fisher (1974). "Evolution of the East-Central Indian Ocean, with emphasis on the tectonic setting of the Ninetyeast ridge : Geol. Soci. Am. Bull. Vol 85, No.5 p.683-702.
- / Sharpe, C.F.S. (1938). Landslides and other related phenomena, Columbia University Press, 137 p.

- Shrivastava, P.K., (1963) Geology of Saurashtra (Compiled), ONGC report (Unpublished)
- Small, R.J. (1970). The study of landforms. (A Text book of Geomorphology). Cambridge University, Press Edition, p. 502.
- Strahler, A.N. (1952). Hypsometric (Area Altitude) Analysis of Erosional Topography, Bull. Geol. Soc. Am., V. 63, PP 1117 - 1142.
- _____ (1954). Statistical Analysis in Geomorphic research, jour. Geol., V. 62, p 1-25.
- _____ (1957). "Quantitative analysis of watershed Geomorphology". Amer. Geophy. Union.Tra. Vol 38, No.6 P.913-920.
- _____ (1958). Dimensional Analysis Applied to Fluvially Eroded Landforms. Bull. Geol. Soc. Amri V. 69, p.273-300.
- Subbaro. K.V Bodas. M.S.; Hooper, P.R. and Walsh, J.N. (1981). Petrogenesis of Jawahar and Igatpuri Formation, Western Deccan Basalt province, India. Deccan Flood Basalts. Geol. Soc. India Mem. 10. p. 236-252.
- Subramanyan.V. (1981). "Geomorphology of the Deccan Volcanic Province : Deccan Volcanism. G.S.I Mem. No.3 p 101-116.
- Sudhakar, R, and Basu, D.N. (1973). A reappraisal of Paleogene stratigraphy of Southern Cambay Basin. Bull ONGC, V, 10, No, 1-2.
- Sukeshwala. R.N.(1981). "Deccan basalt Volcanism, G.S.I, Mem. No 3, P.8 -18.
- Sychanthavong. S.P.H. (1984). Crustal fracturing and neotectonics of Saurashtra and Kutch., Proc. Symp Qat. Episodes Dept. Geol. M.S. University P.109-127.
- Sykes, L.R. (1978). "Intraplate seismicity, reactivation of pre-existing zones of weakness, alkaline magmatism, and other tectonism postdating continental fragmentation". Review of Geophysics and space physics, V.16, p 621-688.
- Thomson, T.L. (1976), Plate tectonics in oil and gas exploration of Continental margin. Am. Assoc. Pet. Geol. Bull. 60(9), p. 1463-1501.
- Vashi, N.M. and Ganapathi, S. (1982). Studies on Quaternary landforms coastal sediments and neotectonism along the mainland Gujarat coast between the rivers Tapi and Auranga Unpublished U.G.C report. M.S University of Baroda p. 248-266.

- 203
- / Verstappen, H.Th. (1983). "Applied Geomorphology; Geomorphological surveys for environmental Development". (I.T.C) Elsevier, Amsterdam, p. 437.
- / Vyas. J.P (1984). "Geomorphic evolution of the Rajpipla hills and the Neighboring Coastal Plains" Unpublished, Ph.D. Thesis, M.S. University of Baroda.
- / Walker, G.P.L., (1972). Compound and Simple lava flows and flood basalts, Bull. Volcano, 35 : p. 579-590.
- / Wentworth, C.K. (1930). A simplified method of determining the average slope of land surface. Am.J. Sc. Sr. 5 20, p. 184-194.
- / Yokota.S. (1974). "Surface deformation of a fault block-brittle fracturing and viscous fluid in tectonic movements". Journal of Geo. science Osaka city University Vol. 17, Art.4 87-98.
- / Zernitz, E.R. (1932). Drainage Patterns and their significance; Journal of Geology, v.40, p. 498-521.