

ABSTRACTS RECEIVED

1) Gravity, Magnetic and Geodetic Survey Of Epicentral Area Of Bhuj Earthquake Of January 26, 2001 And Hidden Thrust Faults.

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2) Litho-Atmo-Ionospheric Coupling In Seismic Processes.

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3) Constraints On The Rupture Mechanism Of The 2001 Bhuj Earthquake From Satellite Imagery.

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4) Definition Of Seismic Moment At a Discontinuity Interface And Comparison of Seismological And Geodetic/Geological Estimations Of Slip And/or Rupture Length of An Earthquake.

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5) 26th January 2001 Earthquake OF Gujrat, India Was Triggered

By Change in Kp And
Electron Flux Induced by Sun.

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6) The Micro-Satellite DEMETER.

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7) Luminescence Chronology Of Active Landforms Along Kachchh
Mainland Fault.

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8) Fountain Effect Depression Before The Strong Earthquakes In
Low Latitude Areas.

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9) Possible Utilization (Usage) Of Satellite Monitoring Of
Near-Earth Plasma For
PredictionOf Strong Earthquakes.

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10) Study Of Fractal Geometry With Reference To The Tectonics Of
Kutch Region In
Gujarat, India.

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11) Seismic Tomography Structure And Tectonic Model Of The January 26, 2001 Bhuj Earthquake In Western India.

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12) Some Electrical Characteristics Of The Ozonosphere Over South India and Their Correlation With Long-Term And Short-Term Solar Activity.

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13) Space Technology And Earthquake Prediction.

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14) Preliminary Results Of The GPS Studies For The January 2001 Gujarat Earthquake.

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15) Role Of Space Technology In Natural Disaster Management.

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16) Is There Any Correlation Between The Sunspot Activity And Earthquakes?

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**17) Earthquake Induced Small Scale Geological Structures
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Earthquake, Western India, 26th, January 2001.**

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18) Damage Pattern Due To Bhuj Earthquake (2001), India.

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**19) Seismotectonics Of The January 26, 2001 Bhuj Earthquake
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**20) Tomography Of The Source Area Of The 2001 Bhuj Earthquake:
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For Fluids Below The Hypocenter?**

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21) Ionospheric Effects Before Strong Earthquakes At Low Latitudes.

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22) Mapping the Liquefaction Susceptible Zones in Parts of Kachchh Region Using IRS – WiFS and LISS-3 Data.

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23) Variations Of Electron Concentration In Mid-Latitude Ionosphere Before Strong Earthquakes

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24) Neotectonic Joints – Towards Understanding The Orientation Of Stresses That Build Up To Cause Large Magnitude Earthquakes.

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25) Radon Precursory Signals of Chamoli and Bhuj Earthquakes.

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26) Release of Helium Associated with Bhuj Earthquake 2001

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27) Toward a Better Understanding of Non-Seismic Pre Earthquake Phenomena

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**28) Tec Response Of The Shock-Acoustic Waves Generated During Rocket Launchings,
By Earthquakes And Explosions.**

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**29) Searching For Earthquake Precursors In Total Electron Content Variations In The Ionosphere
Using Data From The Global Gps Network.**

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30) [Searching For Earthquake Precursors In Vlf Signals.](#)

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31) [Geodetic & Geophysical Studies Of Crustal Deformations And Fault Displacements](#)
– [A Case Study For Monitoring Deformations In Kachchh Region Of Gujarat.](#)

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32) [Disaster Management Support Framework With Space Inputs.](#)

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33) [Deformation Due To The Mw 7.7 Bhuj Earthquake Of 2001 And Inferences About Stress And Strain In The Kutch Region.](#)

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34) [Empirical, Statistical, and Physical Approaches to the Prediction of the Behavior of a Complex System: Study and Practice of Seismic Hazard Assessment and Earthquake Prediction in China.](#)

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35) [Atmospheric Precursors Of Earthquakes Located Around Crete](#)

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36) Space Plasma Precursor Of Turkish Earthquakes From The Gps Data.

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37) Presence of large crustal strain around an asperity/heterogeneous body in the lower crust beneath Kachchh:

A Possible explanation for the occurrence of 2001 Bhuj earthquake sequence.

Prantik Mandal, B.K. Rastogi, H.V.S. Satyanarayana and M. Kousalya

38) Tectonic Evaluation of Dead Sea Fault System In Syria using Multi Data sets

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39) Ionospheric Perturbations Caused by Bhuj Earthquake

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40) Complex Seismoelectromagnetic Monitoring Of The Baikal Rift Zone

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41) [Solar activity as a main factor of Global Change](#)

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42) [Near Source Ground Motion and Attenuation during the Kutch Earthquake](#)

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43) [Earth-atmospheric coupling during strong earthquakes by analyzing IR remote sensing data](#)

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44) [The Dynamics and Geometry of the Indian-Eurasian Collision in Pakistan](#)

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45) [Study Of Elf/Vlf Signatures Associated With Earthquakes](#)

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46) [Ionospheric Signatures Linked To Seismic Activity](#)

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47) [Seismo-tectonics and Hazard Zonation study of Kachchh](#)

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48) [Automatic Assessment of Earthquake Damaged Area using Scale-space classification techniques](#)

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49) [On the Relation between Magnitude and Liquefaction dimension at the epicentral zone of 2001 Bhuj Earthquake](#)

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50) [Utility of Magnetic data for studying the Earthquake Prone Bhuj Region](#)

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51) [Structure and Tectonic Framework of Kachchh](#)

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52) [Ionospheric precursors of the Gujarat Earthquake of 26 January, 2001](#)

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53) [Upwelling of Kandla Port Prior to Bhuj Earthquake of 26th January 2001 and Some Other Seismic Precursors](#)

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54) [Local Site Effects Observed during Bhuj Earthquake](#)

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55) [The Bhuj Earthquake, 26 January 2001: Regional Lineaments and Their Differential Effect On Major Settlements In Cambay Basin](#)

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56) [The electromagnetic fields under, on and over Earth surface as "when, where and how" earthquake precursor](#)

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57) [Causative Factors For Bhuj Earthquake Of 26th January, 2001 -](#)

A Holistic Approach

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58) Utility Of Multisensor Data For Early Warning Of Intraplate Earthquakes

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59) Monitoring of Geophysical Parameters for Seismic Surveillance

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60) Ground Motion Estimation from January 26, 2001, Gujarat Earthquake and its observation in Himalaya

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61) Hydrologic Effects of the Bhuj Earthquake of January 26,2001 --- Gujarat, India

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62) DAMAGE ASSESSMENT OF BHUJ EARTHQUAKE (2001) USING IRS LISS-III AND PAN DATA

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63) The earthquake influence on ionosphere dynamics and magnetic Sq-variation for Kamchatka

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64) Geomagnetic Field Satellites and Earthquake Detection

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65) Evolution Of “Ur”, An Incipient Continent, To Seychelles, A Microcontient: From Northwestern Indian Shield

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66) Disaster management system: An integrated approach using Satellite Communication, Education and Remote Sensing

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67) Study of Lunar Tidal Oscillation in Ionospheric F- region over Ahmedabad during Gujarat Bhuj Earthquake

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68) A Study of Bhuj earthquake of January 26, 2001 and seismic activities in other parts of the region

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69) Seismo-tectonic perspective on the 1819 and 2001, Rann of Kachchh, Earthquakes

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70) Brightness Temperature Anomaly during Gujarat Earthquake using SSM/I data

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71) Detection and analysis of surface changes after Chamoli (March 29, 1999) and Gujarat earthquakes (Jan. 26, 2001) Using IRS 1C/1D data

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