

10. Publications

A. Papers in Referred Journals

S . No.	Author(s)	Year	Title	C o m p l e t e Reference of Journal
	Kumar, B., Lohani, B. , a n d Pandey, G.	2018	Development of deep learning architecture for automatic classification of outdoor mobile LiDAR data	IJRS, Under Publication
	Kumar, B., Pandey, G., and Lohani, B. ,	2018	A multi-faceted CNN architecture for automatic classification of mobile LiDAR data and an algorithm to reproduce point cloud samples for enhanced training	ISPRS, Final Revision
	Goel, S., Allison, K., and Lohani, B.	2018	Development and Experimental Evaluation of a Low-Cost Cooperative UAV Localization Network Prototype	Jr. of Sensors and A c t u a t o r Networks, 7, 42, 2018; doi:10.3390/jsan7040042
	Lohani, B. , Singh, S., Chaudhary, D. and Nagarajan, B.	2018	A New Approach for Determination of Solar Potential Using Terrestrial Images	REMOTE SENSING LETTERS, 2018 VOL. 9, NO. 7, 636–645 https://doi.org/10.1080/2150704X.2018.1452061
	Kumar, B., Yadav, M., Lohani, B., Singh, A. K.,	2018	A two-stage algorithm for ground filtering of airborne laser scanning data	International Journal of Remote Sensing. DOI: 10.1080/01431161.2018.1466074

	Yadav, M., Singh, A. K., Lohani, B.,	2018	Computation of road geometry parameters using mobile LiDAR system	Remote Sensing Applications: Society and Environment, https://doi.org/10.1016/j.rsase.2018.02.003
	Lohani, B. and Ghosh, S.	2017	Airborne LiDAR Technology: A Review of Data Collection and Processing Systems	Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci. https://doi.org/10.1007/s40010-017-0435-9
	Yadav, M., Singh A., and Lohani, B.,	2017	Extraction of road surface from mobile LiDAR data of complex road environment	International Journal of Remote Sensing 38(16), 4645-4672
	A.Kealy, S. Goel; . V.Gikas, G. Retscher, c. Toth, D. G. Brzezinska, B. Lohani	2017	Cooperative localization of unmanned aerial vehicles using GNSS, MEMS inertial and UWB sensors	ASCE Journal of Surveying Engineering, Vol. 143, Issue 4 (November 2017)
	Yadav, M., Lohani, B., Singh A., and Hussain, E.	2016	Identification of pole-like structures from mobile LiDAR data of complex road environment	International Journal of Remote Sensing, 2016, VOL. 37, NO. 20, 4748–4777 http://dx.doi.org/10.1080/01431161.2016.1219462
	Goel, S., Kealy, A., and Lohani, B.,	2016	Cooperative UAS Localization using low cost sensors,	ISPRS Annals of Photogrammetry Remote Sensing and Spatial Information Science, ISPRS Congress, Prague, Czech Republic, 2016.

	Yadav, M., Husain, A., Singh, A.K. , Lohani, B.	2015	Pole-shaped object detection using mobile LiDAR data in rural road environments	ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume II-3/W5, 28 Sep – 03 Oct 2015, La Grande Motte, France
	Goel, S., and Lohani, B.	2015	Relative Contribution and Effect of Various Error Sources on the Performance of Mobile Mapping System (MMS)	JISRS, (DOI) 10.1007/s12524-014-0443-z
	Lohani, B. , Roshan, A., and Singh, A.	2015	Simulation of LIDAR Point Cloud for a Planet as Generated by Satellite Borne Laser Ranging Instrument	JISRS, (DOI) 10.1007/s12524-014-0438-9
	Dashora, A., Lohani, B. , and Deb K.,	2014	Method of flight planning for airborne LiDAR using genetic algorithms	<i>SPIE Journal of Applied Remote Sensing</i> , Vol 8, No 1, page 083576, 2014. doi: 10.1117/1.JRS.8.083576.
	Goel, S, and Lohani, B.	2014	Error analysis of motion correction method for laser scanning of moving objects	ISPRS Annals of Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume II-5, pp 139-144, 2014, doi:10.5194/isprsannals-II-5-139-2014.

	Gupta, S., and Lohani, B.	2014	Augmented reality system using LiDAR point cloud data for displaying dimensional information of objects on mobile phones	ISPRS Annals of Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume II-5, pp 153-159, 2014, doi:10.5194/isprsannals-II-5-153-2014.
	Ghosh, S., and Lohani, B.,	2014	Development and comparison of aerial photograph aided visualization pipelines for LiDAR data	<i>International Journal of Digital Earth</i> , March 2014, DOI: 10.1080/17538947.2014.897386...
	Dashora, A., Lohani, B., and Deb, K.	2014	Two-Step Procedure of Optimization for Flight Planning Problem for Airborne LiDAR Data Acquisition	<i>Int. J. Mathematical Modelling and Numerical Optimisation</i> , Vol. 4, No. 4, 2013
	Ghosh, S., Lohani, B., Misra, N.	2014	A study-based ranking of LiDAR data visualization schemes aided by georectified aerial images	<i>Cartography and Geographic Information Science</i> http://www.tandfonline.com/doi/full/10.1080/15230406.2014.880071
	Yadav, M., Goel, S., Singh, A. K., and Lohani, B.	2013	Mobile mapping system using laser scanner, GPS and IMU	<i>ISRS Journal</i> , DOI 10.1007/s12524-013-0340-x, Published online 20 Dec. 2013

	Dashora, A., Lohani, B.,	2013	Turning mechanisms for airborne LiDAR and photographic data acquisition	<i>J. Appl. Remote Sens.</i> 7(1), 073488 (Nov 05, 2013)
	Goel, S. and Lohani, B.	2014	A Motion Correction Technique for Laser Scanning of Moving Objects	<i>IEEE Geoscience and Remote Sensing Letters</i> , Vol. 11, No. 1, January 2014
	Ghosh, S. and Lohani, B.	2013	Mining LiDAR data with spatial clustering algorithms	<i>International Journal of Remote Sensing</i> , Vol 34-14, 5119 – 5135, 2013
	Ghosh, S. and Lohani, B.	2012	Experimental evaluation of LiDAR data visualization schemes	<i>ISPRS Ann. Photogramm. Remote Sens. Spatial Inf. Sci.</i> , I-2, 135-140, doi: 10.5194/isprsanals-I-2-135-2012, 2012
	Dashora, A., and Lohani, B.	2012	Compatibility of Sun Position Models and 3D Topographic Data for Prediction of Shadow Zones	<i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 5(1458-1463), Oct. 2012
	Shukla, S. P., Yadav, S., Lohani, B., Biswas, S.	2012	Characterization of traffic noise for a typical Indian road crossing	<i>Current Science</i> , Vol. 103, NO. 10, 25 November 2012
	Biswas, S. and Lohani, B.	2012	Extraction of spatial parameters from classified LiDAR data and aerial photograph for sound modeling	<i>ISPRS Ann. Photogramm. Remote Sens. Spatial Inf. Sci.</i> , I-4, 59-64, doi:10.5194/isprsanals-I-4-59-2012, 2012

	Lohani, B., and Kumar R.	2008	GPS-GDOP prediction in urban environment using LiDAR data	<i>Journal of Applied Geodesy</i> 2(4) (2008), 213–222
	Lohani, B., Bhatnagar, N., Aditya, R.	2008	Return pulse waveform simulation for LLRI onboard Chandrayan-1	<i>Jr. Indian Society Remote Sensing</i> , 36(1), pp. 1-11, March 2008
	Lohani, B. and Singh, R.,	2008	Effect of data density, scan angle, and flying height on the accuracy of building extraction using LiDAR data	<i>Geo Carto International</i> , Vol. 23, No. 2, April 2008, 81–94
	Dashora, A., Lohani, B., Malik J. N.,	2007	A repository of earth resource information-CORONA satellite programme	<i>Current Science</i> , 92(7), 926-932
	Lohani, B., Mason, D. C., Scott, T. R., and Sreenivas B.,	2006	Extraction of tidal channel networks from aerial photographs alone and combined with laser altimetry	<i>International Journal of Remote Sensing</i> , 27(1), 5-25
	Dashora, A, Sreenivas, B., Lohani, B., Mallik J. N., and Afroj,	2006	GCP collection for CORONA satellite photographs: Issues and Methodology	<i>Jr. Indian Society Remote Sensing</i> , 34(2), 153-160
	Lohani, B., and Mason, D. C.,	2005	A case study on error identification and minimization in Airborne Altimetric LiDAR data	<i>International Journal of Geoinformatics</i> , 1(3), 53-61
	Lohani, B., and Mason, D.C.	2001	Application of airborne scanning altimetric LiDAR to the study of tidal channel geomorphology	<i>ISPRS Journal of Photogrammetry & Remote Sensing</i> , 56(2001), 100-120

	Lohani, B., and Mason, D.C.	1998	Construction of a digital elevation model of the Holderness coast using the waterline method and airborne thematic mapper data.	<i>International Journal of Remote Sensing</i> , 20(3), 593-607.
1.				
2. Following papers are at review stage				
	Gupta, S., Vasardani, M., Winter, S., and Lohani, B.	2018	Conceptualizing social rules of negotiation among multiple vehicles and pedestrians for the right of way	Transportation Research Part F: Psychology and Behaviour
	Kumar, B., Lohani, B., and Pandey G.	2017	Development of deep learning architecture for automatic classification of mobile LiDAR data	ISPRS
	Kumar, A., Lohani, B., and Mishra, S.	2017	Need for technological intervention in Land Consolidation: A case study of the state of Uttar Pradesh (U.P.), INDIA	Land Use Policy
3.				
4. Following papers are being submitted in coming weeks				

The following papers/articles/reviews have been published in journals of repute/technical magazines/Web sites				
	Panjabi, V., and Lohani, B.	2014	A navigation system for the visually impaired using stereo vision	<i>LiDAR Magazine</i> , Vol. 4, No. 6, 2014
	Gupta, S., and Lohani, B.	2014	Augmented reality system for dimension augmentation on a mobile image using point cloud data	<i>LiDAR Magazine</i> , Vol. 4, No. 3, 2014

	Dashora, A, and Lohani, B.	2014	LiDAR flight planning: A new system for flight planning with minimal user intervention	<i>GIM International, January, 2014</i>
	Ghosh, S., Lohani, B. , and Dashora, A.	2013	A solution to map project area lying in two UTM zones	<i>Coordinates, November, 22-23, 2013</i>
	Lohani, B. , Goel, S., and Sharma, R.	2013	Scanning moving objects using LiDAR	<i>LiDAR Magazine, Vol. 3, No. 5, 2013</i>
	Goel, S., Yadav, M., Singh, A. K., and Lohani, B.	2013	Making mobile mapping systems affordable	<i>Cover Story in Geospatial Today, July, 2013, pp. 12-16</i>
	Lohani, B.	2012	Times to raise standards in Geospatial Education	<i>Geospatial Today, June, 2012</i>
	Lohani, B. ,	2010	Map India 2010- A review report	<i>GIM International, May 2010, Volume 24, Issue 5,</i>
	Lohani, B. , and Mishra, R. K.	2009	LAS and LASUtility	<i>GIM International, August 2009, Volume 23, Issue 8,</i>
	Lohani, B. et al.	2009	Autodesk-IITK Digital Innovation Lab: Towards a new paradigm in engineering design and visualization	<i>Directions, Vol. 10, No. 1, 2009</i>
	Lohani, B. et al.	2009	Centre for archaeological sciences and technologies (CAST): Preserving and reconstructing the Heritage	<i>Directions, Vol. 10, No. 1, 2009</i>
	Mishra, R. K., Lohani, B. ,	2007	The reality behind a LiDAR simulator	<i>Geospatial Today, November, 2007, pp 45-49</i>

	Biswas, S., and Lohani, B.,	2007	Improved Sound Modeling with High Resolution LiDAR Data	GIM International, 21(8), August 2007
	Lohani, B.,	2007	Rain of Information from the Point Clouds of LiDAR	<i>Story of the Week, IIT Kanpur Home Page, 2007</i>
	Lohani, B.,	2007	Immense help to all stakeholders: Interview with Dr. Brig. Siva Kumar	<i>GIM International, 21(6), June 2007</i>
	Lohani, B.,	2007	LiDAR technology in India: Dominant trend	<i>GIM International, 21(5), May 2007</i>
	Lohani, B.,	2007	Map World Forum 2007: a review	<i>GIM International, 21(4), April 2007</i>
	Ghosh, S., and Lohani, B.,	2007	3D visualization of LiDAR data	<i>GIM International, 21(2), 15-17</i>
	Lohani, B., and Sreenivas, B.,	2006	Tracing of tidal channels through remote sensing	<i>Geospatial Today, 5(3), December 2006</i>
	Lohani, B.,	2005	Reviewing aerial survey in India: Interview with Mr. K Kalyanraman	<i>GIM International, 19(8), August 2005</i>
	Lohani, B., Agrawal, N., Agrawal, N.,	2004,	Airborne Altimetric LiDAR Simulator(invited paper).	<i>GIS@development, 6(5), May 2004</i>
	Lohani, B.,	2004	Geomatics Education in India: Interview with Dr. P S Roy	<i>GIM International, 9(2) June 2004</i>
	Lohani, B., and Flood, M.,	2003	Airborne Altimetric LiDAR-Where does India stand?	<i>GIS@development, 7(5), May 2003</i>
	Spikes, J., and Lohani, B.,	2003	Spatial Information Policy in India	<i>GIM-International, 17(6), June 2003</i>

	Lohani, B. ,	2002	Book review :The GIS Book-by George B. Korte	<i>Jr. Indian Society of Remote Sensing, 30(4), December 2002</i>
	Lohani, B. ,	2002	Book review :The GIS Book-by George B. Korte	<i>GIM International, 6(8), August 2002</i>
	Lemmens, M., and Lohani, B.,	2001	How India can benefit from airborne laser altimetry : Geoinformation from LiDAR	<i>GIM International, July 2001</i>
	Lohani, B.	2000	Airborne altimetric LiDAR	<i>GIS@Development, 5(3), April 2001</i>
	Lohani, B.,	2000	Hawai Uchai Mapak LiDAR ka Apada Prabhandhan main Prayog - Ek Vihangwalokan	<i>Manchitra technique 1(4), December 2000</i>
	Mason, D. C. , Davenport, I.J., Lohani, B., Robinson, G.J., Flather, R.A. and Gurney, C.M.,	1998	Improving intertidal digital elevation models	<i>LOIS Newsletter, Issue no. 12, March 1998</i>

B. Papers published in International Archives/Conference Proceedings
(including referred conference publications-shown as shaded- 10 in numbers)

S . No .	Author(s)	Year	Title	C o m p l e t e Reference of Proceedings
	Goel, S., Kealy, A., and Lohani, B.	2017	A cooperative localization system for Unmanned Aerial Vehicles: P r o t o t y p e development and analysis	10th International Symposium on Mobile Mapping Technology (MMT 2016)
	Yadav, M., Singh, A. K., Lohani, B.,	2016	Road Geometry Parameters Computation using Mobile Terrestrial Laser Scanning.	In Proceedings of Transportation Planning and Implementation Methodologies for Developing Countries (12th TPMDC), IIT Bombay, December 19–21
	Goel, S., Kealy, A., and Lohani, B.	2016	Infrastructure vs Peer to Peer Cooperative Positioning: A Comparative Analysis	ION GNSS+ 2015 Conference, September 12-16, 2016, Portland Convention Center, Portland, Oregon
	Yadav, M., Husain, A., Singh, A. K., Lohani, B.,	2015	3D rural road surface points detection using mobile LiDAR data for its condition assessment	<i>proceedings of 3rd Conference of Transportation Research Group of India (3rd CTRG)</i> , Kolkata, December 17-19
	Kealy, A., Goel, S., Gikas, V., Guenther, R., Toth, C., Brzezinska, D., and Lohani, B.	2015	Cooperative Localization of UAVs using Low Cost GNSS and MEMS Inertial Sensors,	9th International Symposium on Mobile Mapping Technology (MMT 2015), December 9-11, 2015, Sydney, Australia.

	Shukla, P., Goel, S., Singh, P. and Lohani, B.,	2014	Automatic geolocation of targets tracked by aerial imaging platforms using satellite imagery,	ISPRS Archives of Photogrammetry Remote Sensing and Spatial Information Science, Volume 40, Issue 1, pp 381-388,.
	Lohani, B., Ghosh, S., and Dashora, A.	2013	Development of standards for airborne LiDAR data acquisition	<i>Proceedings of the NSDI-2013, Annual NSDI Meeting, 29-30 November, 2013, IIT Bombay</i>
	Goel, S., Yadav, M., Singh, A. K., Lohani, B.,	2013	Land based mobile mapping system using LiDAR sensor	<i>In Proceedings of India Geospatial Forum, Hyderabad, January 22-24. (Presentation published)</i>
	Lohani, B., Chacko, S., Ghosh, S., Shashidharan. S.	2012	Flash LiDAR based surveillance system	<i>Proceedings of XXXII INCA Congress 2012, 11-13 October 2012, Dehradun</i>
	Goel, S., Yadav, M., Singh, A. K., Lohani, B.	2012	Development of land based mobile mapping system	<i>Proceedings of XXXII INCA Congress 2012, 11-13 October 2012, Dehradun</i>
	Lohani, B.	2012	Laser scanning technologies for meeting the challenges of civil engineering projects	<i>Proceedings of Innovative Challenges in Civil Engineering, GZSCET, Bathinda, 15-16 March 2012</i>

	Ghosh, S., and Lohani, B.	2011	Heuristical feature extraction from LiDAR data and their visualization	<i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences on Laser Scanning 2011, 29-31 August 2011 The University of Calgary, Calgary, Alberta, Canada</i>
	Biswas, S., and Lohani, B.	2008	Development of high resolution 3D sound model with LiDAR data and air photo	<i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. Vol. XXXVII. Part B7. Beijing 2008</i>
	Lohani, B., Mishra, R. K.,	2007	Generating LiDAR data in laboratory: LiDAR simulator	<i>International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume 3, Issue Part 3/W52, p. 264-269 (2007)</i>
	Mishra, R. K., and Lohani, B.,	2007	An object-oriented software development approach to design simulator for airborne altimetric LiDAR	<i>N a t i o n a l conference on "Emerging Trends in Information Technology" 2007, SGITS Indore, INDIA, December 18-20, 2007.</i>

	Lohani, B., Kumar, R.,	2007	A model for GPS-GDOP prediction in urban environment using LiDAR data	<i>Proc. Of International conference on Optical 3D measurement techniques, 9 – 13 July, ETH Zurich, Switzerland</i>
	Ghosh, S., Lohani, B.,	2007	Near-realistic and 3D visualisation of LiDAR data	<i>Proc. Of ISPRS Joint Workshop on Visualisation and exploration of Geospatial data, 26 – 29 June, 2007, Stuttgart, Germany</i>
	Lohani, B., Mishra, R. K.,	2007	Modeling airborne altimetric LiDAR system to simulate data capture process	<i>Proc. Of GI Forum International Conference, 3 – 6 July, 2007, Salzburg, Austria</i>
	Lohani, B., Reddy, P., and Mishra, R.,	2006	Airborne Altimetric LiDAR Simulator: An education tool	<i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Science, XXXVI(6), Tokyo, Japan</i>
	Lohani, B., a n d Sreenivas, B.	2006	Tidal channel identification from remotely sensed data using shape and spectral characteristics	<i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Science, Goa, India</i>
	Ghosh, S., and Lohani, B.,	2007	Development of a system for 3D visualization of LiDAR data	<i>Proceedings of Map World Forum 2007, Hyderabad, India</i>

	Lohani, B., and Singh, R.,	2007	Development of a Hough Transform based algorithm for extraction of buildings from actual and simulated LiDAR data,	<i>Proceedings of Map World Forum 2007, Hyderabad</i>
	D. C. Mason, M. Marani, E. Belluco, A. Feola, R. Katzenbeisser, B. Lohani, M. Menenti, D. Paterson, T. Scott, S. Silvestri, C. Wang and H-J. Wang,	2004	LiDAR mapping of tidal marshes for ecogeomorphological modelling in the TIDE project	8th International Conference on Remote Sensing for Marine and Coastal Environments, 17-19 May 2005 in Halifax, Nova Scotia, Canada.
	Lohani, B., Mason, D. C., Bist, H. S.,	2004	Semi-automatic Multi-Level Approach for Extraction of Tidal Channels from Aerial Photographs and Hyperspectral Data	Proc. Of Map India 2004, 28-30 January 2004, New Delhi
	Agrawal, N., Agrawal, N, Lohani, B.,	2004	Development of a Simulator for Airborne Altimetric LiDAR	Proc. Of Map India 2004, 28-30 January, New Delhi.
	Mason, D.C, Wang, H., and Lohani, B.	2002	Extraction of tidal channel networks from airborne scanning laser altimetry and aerial photography	<i>Proc. Of International symposium on Remote Sensing, 22-27 Sept. 2002, Crete, Greece</i>

	Lohani, B.	2001	Airborne altimetric LiDAR for topographic data collection: Issues and application.	<i>Proc. of International conference MAPINDIA-2001, 7-9 February 2001, New Delhi.</i>
	Lohani, B.	2000	Application of airborne altimetric LiDAR in disaster management: An overview	<i>Proc. of Indian society for Remote Sensing Annual Symposium, 21-22 November 2000, IIT Kanpur</i>
	Lohani, B.	2000	A raster based approach for automatic quantification of drainage network geomorphology	<i>Proc. of Indian society for Remote Sensing Annual Symposium, 21-22 November 2000, IIT Kanpur</i>
	Lohani, B., and Mason, D.C.	1999	Extraction of tidal channel networks from LiDAR data	<i>Proc. of Fourth International Airborne Remote Sensing Conference & Exhibition, Ottawa, Canada, 21-24 June, 1999.</i>
	Mason, D.C., Amin, M., Annan, J., Davenport, I. J., Flather, R. A., Gurney, C. , Lohani, B. , Robinson, G. J., and Smith, J.	1998	Digital elevation models of the intertidal zone 1	<i>Proc. of Land Ocean Interaction Study Final Annual Meeting, Norwich, UK 24 - 26 March, 1998.</i> (Abstract)

	Mason, D.C., Amin M., Annan, J., Davenport, I. J., Flather, R. A., Gurney, C., Lohani, B. , Robinson, G. J., and Smith, J.,	1998	Digital elevation models of the intertidal zone 2	<i>Proc. of Land Ocean Interaction Study Final Annual Meeting, Norwich, UK 24 - 26 March, 1998. (Abstract)</i>
	Lohani, B. , and Biswas, D.	1995	GIS: An interdisciplinary tool for engineers in 21 st century.	<i>Proc. of Engineering Education in 21st century, Varanasi, India, 14 - 15 Jan. 1995. (Abstract)</i>
	Biswas, D., and Lohani, B.	1995	Mining in Antarctica.	<i>Proc. of Engineering Education in 21st century, Varanasi. India, 14 - 15 Jan. 1995. (Abstract)</i>
	Lohani, B. , Tiwari, R.S., and Dubey, O.P.	1993	A PC based package for image enhancement.	<i>Proc. of National Symposium of Indian Society of Remote Sensing Guwahati, India, 25 - 28 Nov. 1993. (Abstract)</i>

C. Papers presented in Conferences but Not Published

S . No .	Author(s)	Year	Title	Name and Place of conference
	Manohar Yadav, Ajai Kumar Singh and Bharat Lohani	2016	Road Geometry Parameters Computation using Mobile Terrestrial Laser Scanning	TPMDC 2016, IIT Bombay, Mumbai, 19-21 December 2016
	Dashora, A., and Lohani, B.	2013	LiDAR technology and a new method of flight planning for airborne LiDAR data acquisition	ISG-ISRS National Symposium, 4-6 December, 2013, Vishakapatnam
	Goel, S. and Lohani, B.	2013	Modelling errors in LiDAR based mobile mapping system for optimal selection of system components	ISG-ISRS National Symposium, 4-6 December, 2013, Vishakapatnam
	Yadav, M., Goel, S., Singh, A.K. and Lohani, B.	2013	Land based Mobile Mapping System using LiDAR sensor	India Geospatial Forum (IGF), January 22 - 24, 2013, Hyderabad, India
	Ghosh, S., and Lohani, B.	2012	Study, development and comparison of visualization pipelines for airborne LiDAR datasets	ISRS-ISG Joint Symposium, New Delhi, December 5 – 7, 2012
	Lohani, B. , Palani, S., Muniya, and Balaji, N.	2011	Hydropower Survey using terrestrial laser scanning	2nd Innovative LiDAR Solutions Conference, Toronto, 31May – 3 June 2011
	Lohani, B. , Manchawari, L.	2011	LASViewer-A LiDAR visualisation software	2nd Innovative LiDAR Solutions Conference, Toronto, 31May – 3 June, 2011

	Lohani, B., Mishra, R. K., B i s w a s Susham.,	2008	Limulator2.0: A simulator for LiDAR Education,	C A T C O N competition- XXI Congress The International Society for Photogrammetry and Remote Sensing, 3-11 July 2008 Beijing, China.
	Lohani, B., Mishra, R. K., Biswas, S.	2008	Development of airborne altimetric LiDAR simulator and its evaluation	XXI ISPRS Congress, Beijing, 3-11 July 2008
	Ghosh, S., and Lohani, B.	2007	Development of a system for 3D visualization of LiDAR data	Map World Forum, Hyderabad, India, January 22 - 25, 2007
	Ghosh, S., and Lohani, B.	2007	Three dimensional visualization of LiDAR data	National Institute of D e s i g n , Ahmedabad, Dec. 2007
	Mishra, R. K., Lohani, B.,	2007	Object-oriented s o f t w a r e engineering for designing an aerial survey LiDAR	Spatial India 2007-IT and GIS strategy for infrastructure, Jaipur, INDIA, October 25-26, 2007
	Dikshit, O., Lohani, B.	2004	Status of Education in Space Science at IITs and ISc	India-United States Conference and Exhibition on Space Science, application and Commerce, June 21-25, 2004, Bangalore
	E k t a , A . , Lohani, B.	2004	Registration of laser point clouds for a large and complex building,	Third International Symposium on New Technologies for Urban Safety of Mega Cities in Asia, 18-19 October 2004, Agra.