



MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
DEPARTMENT OF CIVIL ENGINEERING



Journal Publications for the Academic Year 2023-24

S/L	Title of the Paper	Authors	Issue and Date	Name of the Journal
01	Impact of waste water properties on concrete : A Review of the literature	Mr Manu S Gowda and Dr B C Nagendraprasad	ISSN 2248-9622, VOL.14,ISS UE 1 JAN 2024,PP11-15	International journals of Engineering Research and Applications
02	Assessment of ground water quality for irrigational suitability in part of tarak watershed H D kot taluk,Mysuru District Karnataka India,Using WATCHIT	Dr Venuprasad and Basavaraju	ISSN:0976-0997 VOL.14 ISSUE 80,OCT 2023	Indian journal of natural resource



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Research Publications for the Academic Year 2022-23

S/L	Title of the Paper	Authors	Issue and Date	Name of the Journal
1	Use of super absorbent polymer with GGBS in normal concrete	Manu S Gowda and Rajeeth T J	Vol 269 pp699-706 2022	<i>Recent advances in materials, mechanics and structures</i>
2	Slow death of Lakes in the Heritage city of Mysuru, Karnataka State, India through Geospatial approach.	Manjunatha M.C, Inchara C.S, Prabhavathi M.C and Basavarajappa H.T	Vol.9, Issue.11, Pp: 19-26 NOV 2022	<i>International Advanced Research Journal of Science, Engineering and Technology,</i>
3	Study on behaviour of Masonry Walls using different masonry unit and mortar combinations	Rohith Jain Md. Junaid, Kishore N, Yashwanth Gowda R,	ISSN:2278- 0181, Vol. 10, Issue 11 2022	<i>International Journal of Engineering Research and Technology</i>



MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
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Research Publications for the Academic Year 2021-22

S/L	Title of the Paper	Authors	Issue and Date	Name of the Journal
1	Forest mapping and its change detection analysis in Molkalmuru taluk of Karnataka state, India using Geospatial Technology	Manjunatha M.C and Basavarajappa H.T	Vol.8, Issue.8, Pp: 513-521. AUG 2021	<i>International Advanced Research Journal of Science, Engineering and Technology,</i>
2	Comprehensive Model on Major litho-units in Central Parts of Chitradurga Schist Belt of Dharwar Craton, Karnataka, India for Indian Spectral Library Generation..	Manjunatha M.C and Basavarajappa H.T	Vol.8, Issue.2, Pp: 89- 105. AUG 2021	<i>International Journal of Geo-informatics and Geological Sciences</i>
3	An Approach to delineate land use/land cover classification analysis through Geospatial technology: A case study of Krishna Raja Nagara taluk of Karnataka State, India.	Manjunatha M.C, Abrar Ahmed and Basavarajappa H.T	Vol.9, No.2, Pp: 2-9 APRIL 2021	<i>International Journal of Science, Engineering and Technology</i>
4	Studies on the behaviour of Gabion Wall subjected to Lateral Monotonic Loading	Chirdeep N R N C Balaji Rohith Jain G S Suresh	Vol 162, ISSN 2366- 2557. Pp: 415-429 2021	<i>Springer, Lecture Notes in Civil Engineering, Sustainability Trends and Challenges in Civil Engineering</i>
5	Morphometric interpretation for sub basin management planning and practices in Hassan district, Karnataka using GIS and remote sensing	Venuprasad A and D Nagarajun	Vol 7 no 2 pp227-234 JULY 2022	<i>Journal for geo science research</i>
6	2019 - Flashflood impacts of Kapila river on Temple Town of Nanjangud, Karnataka, India.	Manjunatha M.C and Basavarajappa H.T	Vol.9, Issue.7, Pp: 359-368. AUG 2022	<i>International Advanced Research Journal of Science, Engineering and Technology,</i>

MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
DEPARTMENT OF CIVIL ENGINEERING



7	Geospatial Technology in Land classification analysis for H.D Kote taluk of Karnataka State, India.,	Manjunatha M.C, Basavarajappa H.T and Krishne Gowda Y.T.	Vol.14, No.2, Pp: 57-71. MAY 2022	<i>Wesleyan Journal of Research</i>
8	Urbanization Threat on Mysore-Betel Leaf Extinction in Mysuru City of Karnataka State, India using Geospatial Technology.	Manjunatha M.C and Basavarajappa H.T	Vol.7, Issue.1. Pp: 1-12. NOV 2021	<i>Journal of Remote Sensing, Environmental Science & Geotechnical Engineering, ManTech Publications.</i>



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Research Publications for the Academic Year 2020-21

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1	Sustainable Land Mapping and its Change Detection Analysis in Molakalmuru taluk of Karnataka State, India using Geospatial Technology	Manjunatha M.C. , Basavarajappa H.T and Madhu S.P.	Vol.9, No.3, Pp:575-585. JUNE 2020	<i>Journal of Environmental Science, Computer Science and Engineering & Technology.</i>
2	Artificial Recharge Structures for Groundwater sustainability in Krishna Raja Nagara taluk of Karnataka State, India using Geospatial Technology.	Manjunatha M.C and Basavarajappa H.T	Vol.8, Issue.7, Pp: 355-366. JULY 2021	<i>International Advanced Research Journal in Science, Engineering and Technology.</i>
3	ASTER Spectral reflectance for lithological discrimination in Central parts of Chitradurga Schist Belt (CSB), Karnataka, India.,	Manjunatha M.C and Basavarajappa H.T	Vol.7, No.1, Pp: 355-366. MAY 2021	<i>International Journal of Geology and Mining. Premier Publishers</i>
4	Hyperspectral and Geochemical signatures study on late Archean of Indian High grade Manganese deposits in Halekal band of Bhahaddurghatta-Hosahatty village, Chitradurga Schist Belt (CSB), Karnataka, India.	Basavarajappa H.T and Manjunatha M.C	Vol.23, Issue.5, Pp: 603-610 MAY 2021.	<i>Journal of University of Shanghai for Science and Technology.</i>
5	Pre-monsoon Groundwater Trend Analysis in Mysuru taluk of Karnataka State, India using Geospatial Technology.	Manjunatha M.C. , Maruthi N.E, Siddaraju M.S and Basavarajappa H.T.	Vol.11, No.1, Pp: 51-6 JAN 2021	<i>Journal of Chemical, Biological and Physical Sciences</i>
6	A Petrological Approach to Study Mineral Phases Paragenesis of Gold Bearing rocks occurring around Hosur village of Western Gadag Schist Belt, Karnataka, India.	Abrar Ahmed, Manjunatha M.C and Basavarajappa H.T.	Vol.6, No.1, Pp: 327-336 AUG 2020	<i>International Journal of Geology and Mining (IJGM). Premier Publisher</i>
7	Anthropogenic Pressure on Forest Resources in Chitradurga taluk of Karnataka State, India using Geospatial Technology.	Manjunatha M.C. , Basavarajappa H.T, Siddaraju M.S and Maruthi N.E	Vol.7, Issue.8, Pp: 99-106. AUG 2020	<i>International Advanced Research Journal of Science, Engineering and Technology.</i>



MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
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8	Artificial Recharge Structures for Groundwater Augmentation in Mysuru taluk of Karnataka State, India using Geospatial Technology.	Manjunatha M.C. , Abrar Ahmed, Basavarajappa H.T.	Vol.9, No.4. Pp: 652-674. SEP 2020	<i>Journal of Environmental Science, Computer Science and Engineering & Technology.</i>
9	High Resolution Digital Elevation Model for Chamundi Hill of Mysuru city, Karnataka, India using Geospatial Technology.	Manjunatha M.C. , Siddaraju M.S and Basavarajappa H.T.	Vol.10. Issue.10. Pp: 64-71. OCT2020	<i>Research Inventy: International Journal of Engineering and Science.</i>
10	Geospatial approach for Mapping of Dynamic LU/LC Classification in Piriapatna taluk, Karnataka, India.,	Manjunatha M.C and Basavarajappa H.T	Vol.8, Issue.1, Pp: 19-26 FEB2021	<i>International Advanced Research Journal in Science, Engineering and Technology</i>
11	Feasibility of domestic reclaimed wastewater for the production of concrete using different types of sand	Manu S Gowda and Dr. B C Nagendraprasad	Volume 25 issue9 ISSN 1533-9211 2021	<i>Seybold report</i>
12	Ground water vulnerability assessment of Mahadevapura zone, Bangalore city –A GIS based drastic modeling	Dr . B C Nagendraprasad and Savitha A L	Po no 962-969 V819.21.3804 1 2021	<i>Scopus activity journal</i>
13	Land Classification Analysis using Geospatial approach in Nanjangud taluk of Karnataka state, India.,	Manjunatha M.C and Basavarajappa H.T	Vol.8, Issue.6, Pp: 629-638. MAY 2022	<i>International Advanced Research Journal in Science, Engineering and Technology</i>
14	Feasibility of domestic reclaimed wastewater for the production of concrete using different types of sand	Manu S Gowda and Dr. B C Nagendraprasad	Volume 25 issue9 ISSN 1533-9211 2021	<i>Seybold report</i>