

Mr. G. Srinivas

Assistant Professor

Education Qualifications: M.Tech (P.hD)
Specialization: Hydraulics & Water Resources Engineering



ADDRESS:

- E – Block -Room No.104
(Faculty room No.3)

JNTUH ID:

91150402-131845

EMAIL:

gsrinivas_civil@mgit.ac.in

DATE OF JOINING:

19-08-2011

EXPERIENCE - 15 Years

- Teaching - 14
- Industry - 1

SUMMARY:

- Publications - 7
- Conferences - 5
- Patents - 2
- Book Chapters - 1
- Honors/Awards - 1

EVENTS:

- Organized - 1
- Attended - 37

Membership of Professional Bodies:

- Intuition of Engineers India Ltd.

Responsibilities Held at Institution Level:

- In charge for student lift at E Block
- In charge for Staff bus for Hyderabad route
- Member of Alumni activities committee
- Anti-Ragging Committee Member
- Event Member for NIRVANA – A college day FEST

Responsibilities Held at Department Level:

- Member of Departmental development committee / Academic committee
- In charge of Time tables from inception of department to till date
- Faculty In-charge for examinations
- In-charge of Hydraulics and Hydraulic Machinery laboratory
- Class monitoring Coordinator

Honors/Awards Received:

- M.Tech joined through GATE and Achieved university 2nd rank in M.Tech Degree

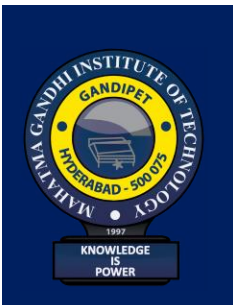
Courses Handled at Under Graduate /Post Graduate Level:

- UG:** Engineering Drawing / Engineering Graphics, Environmental Studies, Fluid Mechanics, Hydraulics and Hydraulic Machinery, Ground Water Hydrology, Water Resources Engineering I and Water Resources Engineering II, Surveying Laboratory, Environmental Engineering, Fluid Mechanics Laboratory and Hydraulics and Hydraulic Machinery Laboratory and Ground Water development and management and Mechanics of Fluids

Publications:

International and National Journals:

- Mr.G.Srinivas., “Treatment of Water With Moringa Oleifera as a Coagulant”, Science, Technology and Development Journal, ISSN : 0950-0707, Volume X, Issue VI, pp 763-776, June 2021, Impact factor: 6.1
<http://journalstd.com/gallery/84-june2021.pdf>
- Mr.G.Srinivas., “A Case Study on Quality Parameters of the Manjira River Water And Groundwater Along With it”, Gradiva Review Journal, ISSN No :0363-8057, Volume7, Issue6, pp492-507, June2021, Impact factor: 6.1 , <http://gradivareview.com/VOLUME-7-ISSUE-6-2021>

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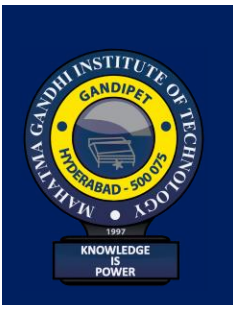
3. Mr.G.Srinivas et al, “Numerical Solution of Unsteady Magneto Hydro Dynamic Flow Along Vertical Porous Plate”, International Journal of Mathematics Trends and Technology, Volume 67 Issue 6, 167 -175, June, 2021, , Seventh Sense Research Group ;pp 167-175, Impact factor:1.01, ISSN: 2231 – 5373 /doi:10.14445/22315373/IJMTT-V67I6P518.
4. Mr.G.Srinivas et al, “Unsteady MHD Flow Past A vertical Porous Plate:A FEM and FDM Correlative Approach”, International Journal of Scientific Research in Science, Engineering and Technology, ISSN:2394-4099,Volume 8, Issue 3,pp 323-331,May-June 2021, Impact factor :5.016, <https://doi.org/10.32628/IJSRSET218359>
5. Mr.G.Srinivas et al, “On velocity distribution in convective fluid flow- a case study of finite element approach”, Alochana chakra Journal, A National Journal, , ISSN:2231-3990,Volume IX, Issue XII,PP 889,December 2020, Impact factor : 6.3
6. Mr.G.Srinivas et al, “MHD Three-Dimensional Flow Through a porous medium with thermal radiation and viscous dissipation :A Finite Difference study”, Alochana chakra Journal, A National Journal, , ISSN:2231-3990,Volume IX, Issue VI, pp 87 22-June 2020,, Impact factor : 6.3
7. Mr.G.Srinivas et al, “Finite Element Analysis of CASSON'S Oscillatory Flow Between Two Parallel Plates”, Journal of Xidian University, An international National Journal, , ISSN No:1001-2400,VOLUME14, ISSUE 5,PP 3210-3217.May 2020,, Impact factor : 5.4, <https://doi.org/10.37896/jxu14.5/366>

International & National Conferences:

1. Published a paper titled “Finite Element Study on Velocity Distribution and Radiation Pattern of Convective Fluid through a Horizontal Porous Channel” in Book chapter in 2021
2. Published a paper titled “Finite element study on velocity distribution and radiation pattern of convective fluid through an horizontal porous channel” organized by Dept. of Mathematics and Physics, Hindu College, Moradabad during June 28-30, 2020
3. Published a paper titled “Recent trends in rehabilitation of structures-an evaluation studies” in ICCEEE2K18 organized by Malla Reddy Engineering College, Hyderabad in September 2018
4. Published a paper titled “Recent trends in rehabilitation of structures-an evaluation studies in NCSHMEM2018 organized by Easwari Engineering College, Tamilnadu in March 2018
5. Published a paper titled “fluid mobility in concrete-a rational approach” in AC3M in January 2009, A national conference organized by Civil Engineering Department. CBIT.

Patents:

1. Patent on “Dynamic Fluid Flow Governing Equations in the Functionality Modelling of Binary Alloys” was published in The Patents Office Journal NO. 52/2021; File No: 202141055879.
2. Patent on “Image Processing Technique for Surface Crack Detection in Buildings” was published in The Patents Office Journal NO. 39/2021; File No: 202141036294 A

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No. of Books/Chapter Published with details:

1. Published One Chapter on “Finite Element study on velocity distribution and radiation pattern of convective fluid through a horizontal porous channel in “Mathematical Sciences” in the Book Chapter titled “Emerging Advances in Mathematical and Physical Sciences in 2021.

Events Organized:**Refresher Courses/Workshops/Webinars/Seminars/Guest Lecture:**

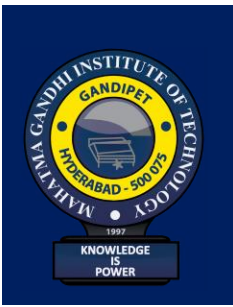
1. Organized a national online Webinar on “High Performance concrete in Infrastructure Projects” on 24th July 2020

Events Attended:**FDPs/STTPs:**

1. Attended One Week Online International Faculty Development Programme on "Advanced Methodologies for Contemporary Research"- A Pragmatic Approach organized by Government Ramnarayan Chellaram College of Commerce and Management, Racecourse road, Bengaluru during 16th to 23rd August 2021
2. Attended AICTE Sponsored One Week Online Faculty Development Programme on “Futuristic Trends in Civil Engineering” Series 2 held from 26th to 31st July 2021 at New Horizon College of Engineering, Bengaluru
3. Participated in One Week Online Faculty Development Programme on "Innovations in Civil Engineering" organized by Department of Civil Engineering, Gudlavalleru Engineering College, Gudlavalleru -521356 during 22nd March to 27th March 2021
4. Attended One week Online Faculty Development Program on “Performance of Engineering Structures under Extreme Loading” organized by Department of Civil Engineering. VBIT, Telangana
5. Attended ONE WEEK STTP on "Recent Advancements in Civil Engineering: Challenges and Future Perspectives" organized by Dept. of Civil Engineering, SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, AP during 25/05/2020 -30/05/2020
6. Attended STTP on “Development of Research Proposals and Funding Opportunities” organized by Tirumala Engineering College, A.P during 3rd June – 9th June, 2020.

Refresher Courses/Workshops/Webinars/Seminars/Guest Lecture:

1. Attended Three – Day International Workshop on “Intellectual Property Rights and Innovations in Civil Engineering” Organized by Department of Civil Engineering of St. Martin’s Engineering College, Dhulapally, Secunderabad, During 08th – 10th June, 2021
2. Attended five days hands on workshop on “patent searching, drafting and filing” organized by panimalar institute of technology, Bangalore Trunk Road, Poonamallee, Chennai during 29/05/2020 -02/06/2020.
3. Attended 4 weeks refresher course in JNTUH during march 2016



Online Certifications:

1. NPTEL Course on Fluid Mechanics by IIT Khanpur in 2021
2. NPTEL Course on Advanced concrete Technology” in 2020
3. “Positive Psychology” Course Organized by University of North Carolina in April-May, 2020 for 6 weeks

Any Other Contribution:

1. Contributed in establishing and developing the laboratories in department from inception of Civil Engineering.

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