

Staff Name	:	Mr. S.THANGAPERUMAL
Faculty ID	:	TCI08
Designation	:	Assistant Professor
Qualification	:	B.E., M.TECH.
Teaching experience	:	6 Years 9 Month
Area of specialization	:	Remote Sensing and GIS
Subjects handled	:	<p>Theory:</p> <ul style="list-style-type: none"> ✚ Engineering Graphics ✚ Surveying-I ✚ Surveying-II ✚ Surveying ✚ Highway Engineering ✚ Remote Sensing Techniques and GIS ✚ Geographic Information System ✚ Construction Techniques and Practices <p>Laboratory:</p> <ul style="list-style-type: none"> ✚ Surveying Laboratory ✚ Strength of Materials Laboratory ✚ Environmental Engineering Laboratory ✚ Highway Engineering Laboratory ✚ Computer Aided Drafting Laboratory ✚ Engineering Practices Laboratory
Books published	:	<ol style="list-style-type: none"> 1. Application of Remote Sensing Techniques in Forest fire Vulnerability A Case Study , Issued on 19-02- 2018 in Raja Rammohun Roy ISBN Agency, Department of Higher Education, Ministry of Human Resource Development, ISBN No: "978-81-936767- 3-8". 2. Application Of GIS in Spatio Temporal Variability Of Sea Surface Height And Chlorophyll Parameters A Case Study, Issued on 19-02-2018 in Raja Rammohun Roy ISBN Agency, Department of Higher Education, Ministry of Human Resource Development, ISBN No: "978-81-936767-4-5".
No of Projects Guided:	:	<ul style="list-style-type: none"> ● UG – 25 ● PG – Nil
Mentor	:	<ul style="list-style-type: none"> ● Smart India Hackathon -2018

Journals published

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1. **S.Thangaperumal**, Cyril Magimai Antoz A and Shivaharan R has published a paper as a title 'Marina Shoreline Change Detection Using Remote Sensing and GIS' in International Journal of Civil Engineering & Technology (IJCIET), Volume 11, Issue 3, March 2020, pp. 85-96 [**Scopus Indexed**]
2. **S.Thangaperumal**, Muthu Maneckam.N, Nachiappan.G has published a paper as a title 'Urban Growth Assessment of Chennai District by Remote Sensing and GIS Techniques' in 'International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020. Page No.: 5119-5125[**Scopus Indexed**].
3. **S.Thangaperumal**, A.M. Jagadish, S. Sriram has published a paper as a title 'Watershed Delineation of Rivers in Karaikal District using Remote Sensing and GIS Technique' in 'International Journal of Innovative Technology and Exploring Engineering (IJITEE)', ISSN: 2278-3075 (Online), Volume-9 Issue-7, May 2020, Page No. 237-242[**Scopus Indexed**]
4. **Thangaperumal. S**, Aishwarya. S, Gowsalya. H, "**Land use and land cover change detection for Velachery using Remote sensing and GIS Technique**", International Journal of Advance research, ideas and innovations in technology, Volume 5, issue 2, March April 2019.
5. **Thangaperumal. S**, Jayasurya. K, Anbin B Bervin, "**Deforestation a Quantitative analysis using Remote sensing and GIS**", International Journal of Advance research, ideas and innovations in technology, Volume 5, issue 2, March April 2019.

6. **Thangaperumal. S, Barath. E, “Analysis in the Changes in Chennai – Pallikaranai Wetland ”**, International Journal of Advance research, ideas and innovations in technology, Volume 5, issue 2, March April 2019.
7. **Thangaperumal. S, Velan. T, Gnana Jeeva. G, “Agricultural Mapping and stastical analysis of Thanjavur district using Remote sensing and GIS”**, International Journal of Advance research, ideas and innovations in technology, Volume 5, issue 2, March April 2019.
8. **Thangaperumal. S, Monica shree. S, Noel Bhuvana rani. D.P, “A study of ground water quality and mapping using GIS Techniques in Kodungaiyur, Chennai”**, International Journal of Advance research, ideas and innovations in technology, Volume 5, issue 2, March April 2019.
9. **Madhumathi.T, Sharon Bercy.J and Thanga Perumal.S “Integrated approach of Remote sensing and GIS for water quality assessment of velachery lake”** in International Journal of Science and Research, Volume 7, Issue 3, Mar2018.
10. **S.Thanga Perumal, Devendran.G, Arun Kumar.T “Land use change analysis using remote sensing technique in shollinganallur chennai India”** on International Journal of Civil Engineering and Technology Volume 9, Issues 4, April2018.
11. **Arjun nath.N.S, Suriyan.P.A and Thanga perumal.S “Mineral Mapping at Pattipulam village by Remote sensing Technique”** International Journal of Science and Research “ISSN:2319-7064, Issues 4.

Conference / workshop
/FDP/Webinar
Organized

1. A Webinar on topic “**Concreting Extraterrestrial Space**” was organized using Google meet app on **18.06.2020** from **11.00 am to 12.30pm**. **Bharath Melugiri-Shankaramurthy, Iowa State University, USA** delivered the webinar.
3. A Webinar on topic “**Special Concretes**” was organized using Google meet app on **21.07.2020** from **11.00 am to 12.30pm**. **Deepika Sundar, PennState University, USA** delivered the webinar.
4. A **3 Days Webinar Series** on topic “**Login To Your Dream**” was conducted for Civil Engineering students & +2 Completed Students on **July 23-25, 2020** through Google Meet online from **11.00 am to 12.30pm**. In Day 1 **Mr. Mathan Kumar V B.E, MBA**, Data Analyst at Google, Hyderabad has delivered about **Management Dreams "Job opportunities and Higher Studies in MBA after Engineering"**, in Day 2 **Ms. Deepika Sundar M.E.**, Research Scholar at Pennsylvania State University, USA (Former PG Engineer with L & T, Project Officer with IITM, Scientific Assistant with ETH Zurich, Switzerland) has delivered about **Abroad Dreams "Abroad Higher Studies and Job opportunities in Civil Engineering"** and in Day 3 **Mr. R.Sugumar M.E.**, Scientist/Engineer-SC (CIVIL), GATE Scorer ,Vikram Sarabhai Space Centre,Indian Space Research Organisation, Department of Space, GOI, Thiruvananthapuram has delivered about **Central & State Government Job Dreams "Civil Engineering Government Job opportunities, Competitive exams and Higher Studies in India"**. Totally 100+ participants were attended the webinar series.

<p>Conference/workshop/ FDP attended</p>	<p>:</p>	<ol style="list-style-type: none"> 1. Attended a FDP on “Digital Image Processing” Organized by St.Joseph's College of Engineering during the academic year 2021-22. 2. Attended a ATAL Sponsored FDP on “Application of IOT in Agriculture” Organized by Gandhi Institute For Technology (GIFT) Bhubaneswar during the academic year 2021-22. 3. Completed 12 weeks NPTEL Course titled “Remote Sensing Essentials” during April 2020. 4. Completed 4 weeks NPTEL Course titled “Introduction to Geographic Information System” during April 2020. 5. Attended an AICTE Sponsored one week FDP on Research Oriented Project Work Conducted by Curriculum Development Centre Department of NITTTR, Chandigarh during 24/02/2020 to 28/02/2020. 6. Attended Three Days online FDP on “Geospatial Applications in Water Resources” by Department of Civil Engineering, St.Joseph's Institute of Technology, Chennai from 15th June to 17th June 2020. 7. Attended a webinar titled “Concrete Making and Handling at Site- A Practical approach”conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 13 June, 2020. 8. Attended a Technical Webinar -International Series-I titled “Emerging Trends in Civil Engineering” conducted by Department of Civil Engineering, Eashwari Engineering College, Chennai from 15th June to 17th June, 2020. 9. Attended a webinar titled “5S Principles on Industrial Safety and Environmental management” conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 17 June, 2020. 10. Attended a webinar titled “Challenges in Deep Underground Structures” conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 20 June, 2020.
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11. Attended an one week Indo Japan webinar series on Geotechnics in disaster mitigation from 8-13 June, 2020 conducted by Kyusu University, Japan, NIT Surathkal, Indian Geotechnical Society, Surathkal and IIT, Thirupathi.
12. Attended a Webinar on “Contribution of Civil Engineers to our world and Beyond” organized by MNM Jain Engineering College on July 09,2020.
13. Attended five days FDP titled “Recent Trends in Construction Materials and Technology” conducted by Department of Civil Engineering, Government College of Engineering, Coimbatore from 20 to 24th, July, 2020.
14. Attended One Week AICTE Sponsored online STTP on “Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems(Phase-1)” conducted by Banari Amman Institute of Technology from 6 to 11th June, 2020.
15. Attended a five days Webinar Series on “Sustainable Building and Future Technologies” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during July 13-17, 2020.
16. Attended five days FDP titled "Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario" conducted by Department of Civil Engineering, BMS Institute of Technology and Management, Bengaluru during July 14 to 18, 2020.
17. Attended an one week online Short term course on “Environmental Impact Assessment”, organised by NITTTR, Chennai from 27-31 July, 2020.
18. Completed a “21 days online GIS training program using QGIS” organised by Department of Geography, School of Earth Sciences, Central University of Karnataka, Kadaganchi from 13-07-2020 to 02-08-2020.
19. Participated in "E-Quiz on Transportation Engineering" organised by Menakshi College of Engineering, Chennai from 29-07-2020 to 31-07-2020.

20. Attended three days National level Faculty Development Program on Meticulous Applications of software in Civil Engineering at “St. Joseph’s Institute of Technology”, 9th to 11th May 2019.
21. Attended FDP on Effective Teaching and Learning Practices for Design and Operation of Water Supply Systems, Department of Civil Engineering, Department of Civil Engineering in association with Teaching- Learning Centre, National Institute of Technology, Warangal, 20th May to 25th May 2019.
20. Two days workshop on “Recent Advancements in Structural Engineering” at MNM Jain Engineering College from November 14-15, 2018.
21. Two days workshop on “Gas Chromatography & Total Station” at St. Joseph’s Institute of Technology, Chennai, on 09-11-2018 & 10-11-2018.
22. Arjun nath.N.S, Suriyan.P.A and Thanga perumal.S “ Mineral Mapping at Pattipulam village by Remote sensing Technique” International Conference on innovative techniques for sustainable earth and environment 2018.
23. S.Thangaperumal, R.Saravanan and N.Gobi “Urbanization analysis using remote sensing techniques in tambaram” Recent Innovation in Civil Engineering and Management, on March 22nd 2018.
24. Attended 7 Days Faculty Development Programme on “Design of Reinforced Concrete Elements”, SJCE, 28th May 2018.
25. Attended one day Workshop on “Challenges & Modern Techniques in Realising Complex Infrastructure for Nation Building ”, ISRO, Sriharikota 5th March,2018.

26. Attended Workshop on Design & Construction of sustainable pavements NIT, Trichy, 20th November 2017 - 24th November 2017.

27. One day National workshop on Ground Water Modelling, Organized by St. Joseph's Institute of Technology, Chennai, on 02-11-2016.

Certification Courses:

Module 1 : Orientation Towards Technical Education and Curriculum Aspects

Module 2 : Professional Ethics & Sustainable Development

Module 3 : Communication Skills, Modes and Knowledge Dissemination

Module 4 : Instructional Planning and Delivery

Module 5 : Technology Enabled Learning and Life-Long Self Learning

Module 6 : Student Assessment and Evaluation