



## National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

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Strength of Materials Lab, Concrete and Highways Lab, Computer Programming Lab (Basic, Lotus, Dbase, C, C++), Design and Drawing

*Name of the post* : Research Assistant

*Name of the organization* : Department of Civil Engineering, Regional Engineering College, Tiruchirappalli

*Period of working* : June 2000 to December 2003

*Nature of the job* : Handled theory classes such as Strength of Materials, Airways and Water ways Engineering, Construction Technology, Design of Steel structures, Transportation Engineering – I, Engineering Materials and Geology, Basic Civil Engineering, Engineering Drawing and Graphics, Mechanics of Solids and fluids, Surveying – I, Engineering Materials and Geology, Survey Lab, Fluid Mechanics Lab, Strength of Material Lab, Soil Mechanics Lab, Computer Lab, Design and Drawing, Building Drawing, Environmental

Engineering Lab

*Name of the post* : Lecturer

*Name of the organization* : Department of Civil Engineering, Dr. Sivanthi Aditanar College of Engineering Tiruchendur - 628215

*Period of working* : December 2003 to March 2006

*Nature of the job* : Handled theory classes such as Applied Hydraulics, Irrigation Engineering, Ground water Hydrology, Fluid Mechanics, Fluid Mechanics Lab, Design and Drawing

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**8. Academic Qualifications (From Highest Degree to High School):**

<b>Qualification</b>	<b>University/ Board</b>	<b>Year of Passing</b>	<b>Performance</b>	<b>Percentage of Marks</b>
S.S.L.C	Board of Sec. Edu, Tamil Nadu	April 1992	First Class	87.00
H.S.C	Board of Hr. Sec. Edu, Tamil Nadu	March 1994	First Class	79.40
B.E. (Civil)	Mepco Schlenk Engineering College, Sivakasi	May 1998	First Class (University 5 <sup>th</sup> Rank)	85.90
M. Tech (Water Resources Engineering and Management)	National Institute of Technology	December 2003	First class with Distinction (Class Topper)	9.81 CGPA
Ph.D (Ocean Engineering)	Indian Institute of Technology, Madras, Chennai	2013	First class with distinction	9.0 CGPA in Course work

**9. Academic/Administrative Responsibilities within the University**

<b>Position</b>	<b>Faculty/Department/Centre/Institution</b>	<b>From</b>	<b>To</b>
Student Secretary	Indian Society for Technical Education-Mepco shclenk Engineering college,Sivakasi	1995	1998
Organizing committee member	TIES'95(Tamilnadu Inter Engineering Sports)	1995	1996
Programme and Quiz committee member	ENSEMBLE'97 - Mepco shclenk Engineering college, Sivakasi	1997	1998
Executive member	Quality Circle- House keeping Mepco shclenk Engineering college Sivakasi	1997	1998
Staff advisor	U.G students - Dr. Sivanthi Aditanar college of Engineering, Tiruchendur	2005	2006
Time table committee – co-ordinator	Preparation of time tables for U.G & P.G students – National Institute of Technology, Tiruchirappalli	2006	2009
CEA staff advisor	i) To conduct guest lectures, training programmes for students	2009	2010

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	ii) To conduct MOMENTS – national level technical symposium - National Institute of Technology, Tiruchirappalli		
Course co-ordinator for Basic Civil Engineering	To co-ordinate the syllabus coverage, preparation of question papers and	2010	2011
Fluid Mechanics Lab in charge	i) purchased various fluid mechanics lab equipments for B.Tech students	2006	Till date
Stock verification officer	Verification of stocks in Physical education department	2008	2013
Moments Committee member	Committee member	2006	2013
Convocation Committee member	Committee member	2006	2014
B.Tech. Project work Co-ordinator	Co-ordinate the B.Tech Project work	2012	2013
Antiragging committee member	Anti ragging committee to safe guard the first year students	2013	2014
Programme committee member	B.Tech First year orientation Programme	2013	2014
Programme Committee Member	NBA Accreditation to B.Tech Programme	2013	2014
Press Committee Member	NIT, Trichy	2014	2015
Co-ordinator	M.S/ Ph.D Admission / Civil Engineering	2014	2015
Faculty Mentor	Faculty Mentorship to first year B.Tech Students	2014	2015
President, Ladies Club	To co-ordinate activities for the welfare of campus ladies.	2015	Till date
NBA Programme committee member	To co-ordinate the central facilities visit by NBA team	2014	Till date

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
Staff Adviser	Marine Technology Society	December 2016	Till date
Executive Member	Institution of Engineers, Trichy Chapter	December 2018	Till date

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### 11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
1994 to 1998	5 <sup>th</sup> rank in B.E Civil Engineering	Madurai Kamaraj University
2003	First Rank in M.Tech	National Institute of Technology

### 12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)

### 13. Details of Academic Work

#### (i) Curriculum Development

##### **List of New Electives introduced**

##### **B.Tech.**

CE458 Ocean structures and materials

CE462 Simulation Modelling in Water Resources

CE463 Coastal Engineering

CE466 Computational Fluid Dynamics

(Honors) CE467 Free surface flow

(Honors)

##### **M.Tech**

CE768 Port and Harbour structures

CE769 Offshore Engineering

CE770 Disaster Mitigation and Management

#### (ii) Courses taught at Postgraduate and Undergraduate levels

#### (iii) Projects guided at Postgraduate level

Academic Year	Title of project
2017-2018	Optimization of Water Supply Distribution Network of J.K. Nagar, Tiruchirapalli

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2017-2018	Lead Removal By Adsorption Using Low Cost Carbonaceous Materials – Eggshell Powder And Marble Powder
2017-2018	Coastal Aquifer Vulnerability Mapping For Nagapattinam Coast
<b>2016-2017</b>	Eco-friendly Design of filter for marine intake structure
<b>2016-2017</b>	Optimised design of sewer network for Kochi city, Kerala
<b>2016-2017</b>	Intake structures and Design in TEL river, Odisha.
<b>2015-2016</b>	Water quality modelling of Korai river, Trichy
<b>2015-2016</b>	Adsorption of basic dyes using carboxymethyl cellulose prepared from water hyacinth : Batch and fixed bed studies
<b>2015-2016</b>	Analysis and optimisation of pipe-line network of existing lift irrigation system
<b>2015-2016</b>	Application of Lean techniques to Construction projects
<b>2014-2015</b>	Stability and dam break analysis of Ponnaniyar dam
<b>2014-2015</b>	Assessment of the impacts of treated waste water irrigation on soil properties : A case study at NIT Trichy
<b>2014-2015</b>	Numerical simulation of ground water contaminant transport in Ariyamanglam municipal solid waste dumping site, Trichy
<b>2014-2015</b>	Assessment of microbial contamination in ground water, soil, air : A case study at Trichy
<b>2014-2015</b>	Study of local scour around bridge piers in sandy soil
<b>2010-2011</b>	Response of cylindrical offshore member under wave impact
<b>2009-2010</b>	Study of breaking wave impact on vertical cylindrical members in marine structures
<b>2006-2007</b>	Conjunctive use management for Pamaniyar sub basin

14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
Concurrent	PWD – WRD,	18-06-2011	31-03-2012	Completed

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Evaluation Report on Flood Protection works in the Right Bank of Kollidam (Coleroon) River	Chennai, Trichy Region			
Design and Proof checking of Hydraulic structures for improving pond system in Pudukkottai Municipality area	KFW – Scheme The Commissioner Pudukkottai Municipality corporation	02-05-2017	Till date	Completed
Design and Proof checking of Hydraulic structures for improving pond system in Pattukkottai Municipality area	KFW – Scheme The Commissioner Pattukkottai Municipality corporation	14-06-2017	Till date	Completed
Design and Proof checking of Hydraulic structures for improving pond system in Nagapattinam Municipality area	KFW – Scheme The Commissioner Nagapattinam Municipality corporation	02-05-2017	Till date	Completed
Design and Proof checking of Hydraulic structures for improving pond system in Ariyalur Municipality area	KFW – Scheme The Commissioner Ariyalur Municipality corporation	02-05-2017	Till date	Completed
Design of Hydraulic structures of Thamarakkulam in Nagapattinam Municipality area	KFW – Scheme The Commissioner Nagapattinam Municipality corporation	11-09-2017	Till date	Completed
Design of Slots for Radial collector arms	The Executive Engineer, Urban Division, TWAD - Tiruchirappalli	05-04-2017	21-08-2017	Completed

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Design of Slots for Radial collector arms	The Executive Engineer, RWS Division, TWAD - Tiruchirappalli	05-04-2017	21-08-2017	Completed
Report of Site inspection and Technical opinion on Commissioning of PILLUR-II CWSS along with Pillur – I CWSS	The Managing Director, Tamilnadu Water supply & Drainage Board	28-08-2011	30-03-2011	Completed

- Site inspection and Technical opinion on Commissioning of Pillur - II CWSS along with Pillur - I CWSS to TWAD - Rs. 33000/- (Completed)
- Flood protection works in Right bank of Kollidam from LS 26.74km to 108.21km and LS108.21 to 168.21 km in Thanjavur and Nagapattinam District of Tamilnadu to PWD - Rs. 26,52,715/- (Completed)

15. Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role(Supervisor/ Co-Supervisor)	Year of Award

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
2018	Numerical Investigation Of Wave Attenuation Due To Sea Grass In Coastal Zone Management	International Conference	Paper presenter	International Conference On Desalination (InDACON)	
2018	Water Quality Assessment Using Multivariate	International Conference	Paper presenter	International Conference On Desalination	

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	Statistical Analysis – A Case Study At Tuticorin			(InDACON)	
2017	Wave Impact On Coastal and Offshore Structures Using Flow-3D	International Conference	Paper presenter	Flow-3D India Users Conference	Bangalore
2017	Eco-Friendly Design of Filter for Marine Intake Structure	International Conference	Paper presenter	Global Civil Engineering Conference (GCEC)	Malaysia
2016	Application of water quality modelling in korai River Trichy	International Conference	Paper presenter	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	Trichy
2016	Hydraulic Analysis of Pipeline Network for Existing Life Irrigation System	International Conference	Paper presenter	Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	Trichy
2016	A Study Of Pollutant Dynamics Using QUAL2K:A Case Study Of Noyyal River Basin, Tamilnadu	International Conference	Paper presenter	Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	Trichy
2016	A Review of Coastal Protection Measures with Vegetation	International Conference	Paper presenter	Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	Trichy
2016	Numerical Simulation For Hydrodynamic	International Conference	Paper presenter	Conference On Disaster Mitigation And	Trichy

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	Response Of Regular Waves On A Vertical Cylinder			Management For Sustainable Development And Risk Reduction	
2016	Adsorption Of Methylene Blue Dye Using Carboxymethyl Cellulose Synthesized From Water Hyacinth	International Conference	Paper presenter	Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	Trichy
2016	Assessment Of Coastal Aquifer Vulnerability Prone Zone In The South India Coast Of Cuddalore District, Tamilnadu, India- Geospacial Approaches	International Conference	Paper presenter	Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	Trichy
2015	Study of Local Scour Around Bridge Peirs in Sandy Soil	International Conference	Paper presenter	International Conference On Hydraulics, Water Resources And River Engineering, IIT Roorkee	Roorkee
2015	Investigating Ground water Contamination using Vertical Electrical Sounding around Ariyamangalam Municipal Soldwaste Dumpsite, Tiruchrappalli, TamilNadu India	International Conference	Paper presenter	Internatinal Conference on Sustainable Engery and Build Environment, VIT University	Vellure
2015	Effects of Treated Wastewater Irrigation on Soil Properties – A Case Study at NIT	International Conference	Paper presenter	International Conference on Advances in Civil Engineering	Coimbatore

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	Trichy			Materials And Processes, CIT	
2014	Municipal Solid Waste Characteristics and Management- A Case Study on Ariyamangalam landfill site	International Conference	Paper presenter	International Conference on Green Technology for Environmental Pollution Prevention and Control	Trichy
2014	Evaluation of groundwater quality in and around Ariyamangalam landfill site, Tiruchirapalli, India: an integrated geochemical and GIS approach	International Conference	Paper presenter	International Conference on Green Technology for Environmental Pollution Prevention and Control	Trichy
2012	Deflection of slender cylindrical member under breaking wave impact	International Conference	Paper presenter	International Offshore and Polar Engineering Conference	Greece
2015	Experimental Investigation of Response of Vertical Slender Cylinder under Breaking Wave Impact	International Conference	Paper presenter	International Conference on Water Resources, Coastal and Ocean Engineering (ICWRCOE)	Surathkal
2015	Geomorphology Based Semi-distributed Approach for Rainfall-runoff Modeling Using GIS	International Conference	Paper presenter	International Conference on Water Resources, Coastal and Ocean Engineering (ICWRCOE)	Surathkal
2012	Breaking wave impact pressure on air slender vertical cylinder member	International Conference	Paper presenter	International conference on Coastal and Port	Madras

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				Engineering in Developing countries, (COPEDEC)	
2009	Storm surge forecasting using artificial neural networks	International Conference	Paper presenter	International conference in ocean Engineering (ICOE)	Madras
1995	Nondestructive testing	Seminar	Paper presenter	Pondicherry Engg. College	Pondicherry
1997	Glimpses of Intelligent Building	Seminar	Paper presenter	Regional Engineering College	Trichy
1997	Grouting Techniques using polymer	Seminar	Paper presenter	Government College of Technology	Coimbatore
2003	Integrated GIS for ground water Modelling and sustainable development	Seminar	Paper presenter	T.K.M College of Engineering	Kollam
2004	Identification of Artificial recharge Zones using integrated GIS	National Conference	Paper presenter	Developments in water science and Management conducted by Department of Civil Engineering, Vellore Institute of Technology	Vellore
2004	Identification of Artificial recharge Zones using integrated GIS	National Conference	Paper presenter	Futuristic steel structures & Application of GIS in Water Resources and Environmental Engineering conducted by Department of Civil Engineering, Karunya Institute of Technology	Coimbatore

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2004	GIS in wild life management – Importance and Case study	National Conference	Paper presenter	Futuristic steel structures & Application of GIS in Water Resources and Environmental Engineering conducted by Department of Civil Engineering, Karunya Institute of Technology	Coimbatore
2005	An integrated study of safety measures and warning centres of Tsunami in India	National Conference	Paper presenter	Synergic Solutions for Sustainable Development conducted by Department of Civil Engineering, National Institute of Technology, Karnataka	Surathkal
2005	Effective Management of Plastic wastes – A ground Scenario in India	National Conference	Paper presenter	Synergic Solutions for Sustainable Development conducted by Department of Civil Engineering, National Institute of Technology, Karnataka	Surathkal
2005	Effective Mangement of Rinse water by removal of Nickel	National Conference	Paper presenter	Synergic Solutions for Sustainable Development conducted by Department of Civil Engineering, National	Surathkal

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				Institute of Technology, Karnataka	
2006	Conceptual Approach for Ground water pollution	National Conference	Paper presenter	Environmental Solutions for Sustainable Development (ESSD), Alagappa Chettiar College of Engineering and Technology	Karaikudi
2014	Experimental Investigations of acceleration on slender cylindrical member under breaking waves	National Conference	Paper presenter	INCHOE2014, NIO Goa	Goa
2015	Assessment of microbial pollution and land use land cover changes in Cuddalore coastal Region, Tamilnadu	National Conference	Paper presenter	NCAACE'15, Saveetha University	Chennai
2015	Assessment of artificial recharge on ground water quality and table- A case study at NIT Trichy	National Conference	Paper presenter	NCAACE'15, Saveetha University	Chennai
2014	Experimental Investigation of Accelaration on Slender Cylindrical Member Under Breaking Waves	National Conference	Paper presenter	Harbour and Ocean Engineering, National Institute of Oceanography	Goa
1995	In-plant training at Tuticorin Port Trust	Training Programme	Participant		Tuticorin
1998	ATLAS	Training Programme	Participant	Jayceerette Wing of Sivakasi Junior Chamber and Mepco Schlenk	

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				Engineering College	
2005	The uses of renewable Energy	Seminar	Participant	Dr. Sivanthi Aditanar College of Engineering	Tiruchendur
2004	Total Quality Management	Training Programme	Participant	Indian Society for training and Development	Tiruchendur
2006	TEQIP network training scheme	Training Programme	Participant	NIT	Warangal
2006	Advanced Techniques in Water Resource management	Training Programme	Participant	IIT	Bombay
2007	Finite Element methods for Engineers	Workshop	Participant	NIT	Tiruchirappalli
2007	Recent Advancements in Environmental Engineering	Workshop	Participant	NIT	Tiruchirappalli
2007	ANSYS	Faculty Development Programme	Participant	NIT	Tiruchirappalli
2007	Design, construction and maintenance of roads	Workshop	Participant	NIT	Tiruchirappalli
2008	Tropical Marine Science Institute	Workshop	Participant	National University Singapore	Singapore
2008	The Seven habits of highly effective people	Training Programme	Participant	NIT	Tiruchirappalli
2009	Instructional Design and Delivery system	Training Programme	Participant	NITTR, Taramani	Chennai
2009	Deepwater offshore structures	Training Programme	Participant	IIT Madras	Chennai
2009	Wind-Wave Modelling	Symposium	Participant	IIT Madras	Chennai
2009	Isotope tracer techniques for water resources	Training Programme	Participant	CWRDM	Calicut

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	development and management				
2009	Intellectual property and innovation management in knowledge era	Seminar	Participant	NIT	Tiruchirappalli
2009	Offshore structures - Materials, Analysis, Design and construction	Training Programme	Participant	IIT Madras	Chennai
2011	Challenges ahead in Ground water sector of Tamilnadu	Workshop	Participant	Ministry of Water Resources, Govt. of India at CGWB	Trichy
2013	R&D session of Indian National Committee for Ground Water	Workshop	Participant	Ministry of Water Resources, Govt. of India at CGWB	Chennai
2013	Sea water Intake and Outfall - Planning, Design and Recent trends	Workshop	Participant	IIT	Madras
2014	Aquifer Information System and Aquifer Management Plan	Workshop	Participant	CGWB	Trichy
2014	Hydro Power projects – Cost Effective Solutions	Training Programme	Participant	Aqua Foundation Academy	NewDelhi
2014	Breaking the wall of conventional design breaking wave impact on structures at Falling Walls Lab	Workshop	Participant	IIT	Madras
2014	Water distribution and waste water networks in association	Workshop	Participant	IIT	Madras

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### 17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
Testing of Construction Materials	National	26-02-2007 & 27-02-2007	Co-ordinator	National Institute of Technology, Tiruchirappalli
Recent Trends in water Resources, Hydraulics and Coastal Modelling	National	7-11-2013 & 8-11-2013	Co-ordinator	National Institute of Technology, Tiruchirappalli
Innovation, sustainability, Solutions, Adoption, Implementation in Energy, Environment Ecosystem and Human Life	National	23-01-2014 & 24-01-2014	Co-ordinator	National Institute of Technology, Tiruchirappalli
Introduction to Quantum GIS	National	07-08-2015	Co-ordinator	National Institute of Technology, Tiruchirappalli
Advanced Soft Computing Tools in Water Resources and Coastal Engineering	National	08-09-2016 & 10-09-2016	Co-ordinator	National Institute of Technology, Tiruchirappalli
International Conference on Disaster Mitigation Management and Sustainable Development and Risk reduction	International	22-02-2016 to 24-02-2016	Co-ordinator	National Institute of Technology, Tiruchirappalli

### 18. Invited Talks delivered

Topic	Date	Inviting Organization
Rainwater Harvesting	17-08-2007	Institution of Engineers, Trichy
Drainage Management	11-09-2007	Irrigation Management and Training Institute, Trichy
Flood Routing and Reservoir Operation	14-09-2007	Irrigation Management and Training Institute, Trichy

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Advances in Irrigation Engineering and modeling Techniques	22-10-2013	Anna University Trichy
Recent Trends in Civil Engineering	21-07-2015	PRIST University, Vallam Thanjavur
Role of Civil Engineering in Globalisation	31-08-2015	King College of Technology, Nammakal
Significance of Research Methodology	24-09-2015	Parisutham Institute of Technology, Thanjavur
Research Opportunities in Civil Engineering	11-01-2016	Nehru Institute of Technology, Coimbatore

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member )	Organization	Membership No. with date
Life Member	Member of institution of Engineer	M139603-4 & June 2009
Life Member	Life Member in The Indian Society for Technical Education	LM42113
Life Member	Life member in Indian Geotechnical Society	

20. Academic Foreign Visits

Country	Duration of Visit	Programme
Tropical Marine Science Institute, NUS, Singapore		Short term research visit

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Muthu Subramanian S., <b>R Manjula</b>	Numerical Simulation And Response Study Of Vertical Cylinder	International Journal of Civil Engineering and Technology	10	pp. 1781–1791	2019	Scopus Indexed

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	Under Breaking Waves					
<b>Manjula R</b> and Sannasiraj S.A.	Response Of Slender Cylindrical Member Under Breaking Wave Impact	<i>Journal of Hydrodynamics</i>	29	pp 1–15	2017	1.563
Antony Raj. A, Rajesh. R, Ramya. M, Saravanan.S and <b>Manjula. R.</b>	Effects of Treated Wastewater Irrigation on Soil Properties – A Case Study at NIT Trichy	<i>International journal of Earth Sciences and Engineering</i>	9(6)	2759-2764	2016	0.12
Rajesh R, Saravanan S, <b>Manjula R</b> , Antony Raj A and Ramya M	Assessment of Artificial Recharge on Ground water table and quality – A case study at NIT Trichy	<i>International Journal of Applied Engineering Research</i>	10(33)	241877-24192	2015	Scopus Indexed
<b>Manjula R</b> and Sannasiraj S.A	Response of Slender Vertical Cylinder under breaking waves	<i>Procedia Engineering</i>	116	631-638	2015	0.73
<b>Manjula R.</b> , Sannasiraj, S.A., and Palanichamy, K	Experimental Investigations of acceleration on slender cylindrical member under breaking waves	<i>International Journal of Ocean and Climate Systems</i>	5(3)	117-125	2014	
<b>Manjula R.</b> , Sannasiraj, S.A., and Palanichamy, K	Laboratory measurements of wave impact pressure on a slender cylindrical member	<i>International Journal of Ocean and Climate Systems</i>	4(3)	151-169	2013	
<b>Manjula R.</b> ,	Breaking wave	<i>International</i>	2(1)	1-11	2012	

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Sannasiraj, S.A., and Palanichamy, K	impact pressure on air slender vertical cylinder member	<i>Journal of Civil Engineering and Applications</i>				
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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
E.Anbarasi, A. S. Kiran, R. Manjula	Eco-Friendly Design of Filter for Marine Intake Structure	Global Civil Engineering Conference(GCEC)	127	Steering Global Sustainability Through Civil Engineering	Malaysia	2017
Rituraj & R. Manjula	Application of water quality modelling in korai River Trichy	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	44		Trichy	2016
Ankita Bandyopadhyay & R. Manjula	Hydraulic Analysis of Pipeline Network for Existing Life Irrigation System	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	57		Trichy	2016
Mahima Goyal, S. Sarvanan & R. Manjula	A Study Of Pollutant Dynamics Using QUAL2K:A Case Study Of Noyyal River Basin, Tamilnadu	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	59		Trichy	2016
Vanathi. P & R. Manjula	A Review of Coastal Protection Measures with Vegetation	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	63		Trichy	2016

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R. Manjula & S. Sarvanan	Numerical Simulation For Hydrodynamic Response Of Regular Waves On A Vertical Cylinder	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	64		Trichy	2016
Sidarth Phukan & R. Manjula	Adsorption Of Methylene Blue Dye Using Carboxymethyl Cellulose Synthesized From Water Hyacinth	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	89		Trichy	2016
Sakthivel. G & R. Manjula	Assessment Of Coastal Aquifer Vulnerability Prone Zone In The South India Coast Of Cuddalore District, Tamilnadu, India- Geospacial Approaches	International Conference On Disaster Mitigation And Management For Sustainable Development And Risk Reduction	90		Trichy	2016
R. Manjula & S. Sarvanan	Study of Local Scour Around Bridge Peirs in Sandy Soil	International Conference On Hydraulics, Water Resources And River Engineering,	281	Souvenir	IIT Roorke e	2015
M. Ramya, S. Sarvanan & R. Manjula	Investigating Ground water Contamination using Vertical Electrical Sounding around Ariyamangalam Municipal Soldwaste Dumpsite, Tiruchrappalli, TamilNadu India	Internatinal Conference on Sustainable Engery and Build Environment,	612		VIT Univer sity, Vellore	2015

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Antony Raj. A, Rajesh. R, M. Ramya, S. Sarvanan & R. Manjula	Effects of Treated Wastewater Irrigation on Soil Properties – A Case Study at NIT Trichy	International Conference on Advances in Civil Engineering Materials And Processes			CIT, Coimbatore	2015
Ramya.M, Saravanan.S, <b>Manjula.R</b>	Municipal Solid Waste Characteristics and Management- A Case Study on Ariyamangalam landfill site	International Conference on Green Technology for Environmental Pollution Prevention and Control	208		NIT, Trichy	2014
<b>Manjula R</b> , Sannasiraj S.A and Saravanan. S	Experimental Investigation of Response of Vertical Slender Cylinder under Breaking Wave Impact	International Conference on Water Resources, Coastal and Ocean Engineering (ICWRCOE)	227-233		NIT, Surathkal	2015
Rajesh.R, Antony Raj. A, Ramya. M, Saravanan. S, <b>Manjula. R</b>	Evaluation of groundwater quality in and around Ariyamangalam landfill site, Tiruchirapalli, India: an integrated geochemical and GIS approach	International Conference on Green Technology for Environmental Pollution Prevention and Control	207		NIT, Tichy	2014
Manjula R, Saravanan S.	Geomorphology Based Semi-distributed Approach for Rainfall-runoff Modeling Using GIS	International Conference on Water Resources, Coastal and Ocean Engineering (ICWRCOE)	908-916		Surathkal	2015
<b>Manjula R.</b> , Sannasiraj, S.A., and Palanichamy,	Breaking wave impact pressure on air slender vertical cylinder member	International conference on Coastal and Port Engineering in Developing			Madras	2012

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K		countries, (COPEDEC)				
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Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number