

Dr.S.PACKIALAKSHMI

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II Avenue Street,
Senthurpuram Extension I, Kattupakkam,
Chennai , India– 600 056.
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Completed Post-Graduation(Water Management) and Doctoral Research (Groundwater Engineering) under the Faculty of Civil Engineering at, Anna University, India, having 14 years of teaching experience and 3.5 years of research experience.

QUALIFICATION:

- **B.E., Civil Engineering (First Class) - 1995-1999**
Institute of Road and Transport Technology, Erode, Tamil Nadu, India
- **M.E., Water Management (First class with Distinction) 2003-2005**
College of Engineering, Guindy, Anna University, Chennai, India
- **Ph. D., Water Resources- 2008-2012**
College of Engineering, Guindy, Anna University, Chennai, India
- **NPTEL Course on**
Geotechnical Laboratory- Obtained 73%(July-Aug 2017)
Wastewater Treatment and Reclamation Obtained 73%(July-Oct 2019)
Developing Soft skills and Personality Obtained 72%(Aug-Oct 2019)
Plastic Waste Management, 95% (Jan-Apr 2020)
- **Certification Course on Patent Drafting, Anna University, Chennai(July-Aug 2017)**
- **GIAN Certification Course on Water Quality Analysis and Testing using IOT applications(Nov 2017)**
- **Certification Course on Pile Foundation Udemy Online Course on April 24,2020**
- **Certification Course on NBA Accreditation of Engineering Programs – AICTE approved FDP-NITTTR, Chandigarh (11.05.20-15.5.20)**
- **AICTE Certification Course on Universal Human Values on 14-18, Dec 2020**

- **MSME Certification course on IPR and Entrepreneurships 8-13, March 2021**

Membership

- Life Member, Indian Society of Remote Sensing, L-4506
- Member, International Association of Hydrological Sciences, M-14575
- Fellow Member, Society of Innovative Educationalist & Scientific Research Professionals, LM171899135

Academic Responsibilities

- Head of the Department, Department of Civil Engineering
- Organizing Member, University Events
- Panel Member, Review Committee for final year projects
- NAAC Incharge

Honours and Awards

- **M.E.**, -Firstclass with distinction, College of Engineering, Anna University, Chennai
- Received South Asian Water (SAWA) Fellowship, Wageningen University, Netherlands) for doctoral research, Anna University, Chennai
- Received Travel Grant from SAWA Fellowship for presenting paper at *3rd International Congress of Environmental Research* organized by Journal of Environmental Research And Development ,Bhopal (India) and University of Mauritius, Reduit (Mauritius), September 16-18, 2010
- Received Travel Grant from Stockholm International Water Institute, Sweden, for presenting paper at *2011 World Water Week in Stockholm* organized by Stockholm International Water Institute, Sweden, August 21-27, 2011.
- Received Travel Grant from Saci WATERs(South Asian Consortium for interdisciplinary Water Resources Studies)for participating workshop and conferences at Srilanka, Nepal, and Mumbai
- Received Fellowship under Mevlana Teaching Mobility Programme from Turkey Higher Education Council – Two weeks Teaching Programme at Karabuk University, Turkey, October 2018
- Invited Speaker for the International Symposium on Railway Engineering, Engineering Faculties, Karabuk University, Turkey, October 2018
- Received Innovative Researcher and Dedicated Teaching Professional Award by The society of Innovative Educationalist & Scientific Research Professional

Accredited with Innovative Scientific Research Professional Malaysia, June 25,2020

- Received Women Researcher Award by VDGGOOD Professional Association, India, December 2020
- Received Sathyabama Technology Business Incubator(TBI) grant for the academic year 2020-2021, supported by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology; Government of India
- Editorial Board Member-Professional Coordinator, Engineering Today, ISSN: 2180-0995
Editorial Board Member-Consulting Editor, Journal of Engineering Technology & Management Science, ISSN: 2229-9254
Editorial Board Member-Educational Consultant, Journal of Engineering Technological Research, ISSN: 2229-9262
Editorial Board Member-Associate Editor, Journal of Technology Today, ISSN: 2180-0987
Editorial Board Member, Journal of Disaster Engineering, Karabuk University, Turkey
- Question Paper Setter- Anna University and Anna University Affiliated Colleges

Patents

- Patent Filed - Concrete Ring Segment For Coastal Erosion C.B.R. NO : 35961, Application No: 202041046580 (26.10.20)
- Patent Granted - Design Patent – Design of Concrete Ring Segment For Coastal Erosion C.B.R. NO :35960(24.11.20)- Design No: 334632-001
- Patent Published- Application No: 202041049792- IoT based Efficient Water Resources Forecasting, Monitoring and Management System" published on 20.11.20
- Patent Filed – Floating Rafter for Wetland Treatment C.B.R. NO : 200022, Design No: 340153-001, (04.03.21)

Media Exposure

- The article regarding groundwater exploitation has been published in ‘Times of India’ and the article titled, ‘City drains suburbs dry’ from the finding of doctoral research, has been published on 05th January, 2013.
- Participated as an Expert Member in a Reputed Television Talk Show titled “En Desam En Makkal”- about the over extraction of groundwater in the agricultural wells in and around Chennai
- The article regarding encroachment on the water bodies and groundwater exploitation has been published in ‘India Climate Dialogue’ and the article titled, ‘Parched Chennai- suffers- as water mafia-tightens hold’ has been published on 31st October, 2017. (<https://thewire.in/environment/parched-chennai-suffers-as-water-mafia-tightens-hold>)

Subjects Handled-UG Level

- Fluid Mechanics
- Applied Hydraulics
- Soil Mechanics
- Foundation Engineering
- Water Resources Engineering
- Groundwater Engineering
- Irrigation Engineering
- Construction Materials
- Reinforced Concrete Structures
- Engineering Drawing

Subjects Handled-PG Level

- Design of Substructures
- Experimental Stress Analysis and Techniques

Areas of Interest

Soft Computing Technology in Water Resource Management, Advanced groundwater hydrology, Hydrogeology, Water Quality Modeling and Management, Fluid Mechanics, Socio- environmental impacts on Water Resources due to urbanization, Water and waste water treatment

Publications - Journals

Shanmugam Packialakshmi, Ambujam N.K and Mahalingam S (2010), “Emerging landuse changes and their effects on groundwater: A study of Mambakkam mini watershed, southern suburban area of Chennai, India, Journal Environmental research and Development, Vol.5 (2), pp-340-349.

ShanmugamPackialakshmi, Ambujam N.K and NellyatPrakash (2011), “Groundwater Market and its implications on Water Resources in the southern peri-urban interface, Chennai, India, Journal of Environment Development and Sustainability, doi 10.1007/s10668-010-9269-1, Kluwer Publisher,vol. 13(2), pp 423-4389 (SCI)

ShanmugamPackialakshmi, Ambujam N.K (2012), "A Hydrochemical and Geological Investigation on the Mambakkam Mini Watershed, Kancheepuram District, Tamil Nadu", *J.Environmental Monitoring and Assessment* May;184(5):3293-306. doi: 10.1007/s10661-011-2189-1(SCI)

ShanmugamPackialakshmi (2015), “Application of Groundwater Balance Equation for Estimating the Stage of Groundwater Development in the Urbanized Environment”, *Int.J.Earth Sciences and Engineering*, ISSN 0974-5904, June, Vol.08 (3),pp 256-258(SCOPUS)

S.Packialakshmi, S.Balaji, T.Kumaresan (2015), “Inducing Recharge of Groundwater by Treated Waste Water-A Pilot Study in Southern Chennai Metropolitan Area”

Indian Journal of Science and Technology, ISSN: 0974-5645, Vol.8 (11), June, 55339.(SCOPUS)

S Packialakshmi, M Deb, H Chakraborty (2015), "Assessment of Groundwater Quality Index in and Around Sholinganallur Area, Tamil Nadu", Indian Journal of Science and Technology, December, Vol. 8(36) (SCOPUS)

PackialakshmiSandAmbujam N.K (2015),"Legal and governance issues in groundwater abstraction: rethinking the institutional framework for sustainable peri-urban water transfer in Chennai, India", International Journal of Environmental Engineering Vol. 2, pp 140-144.

ShanmugamPackialakshmi, Ambujam N.K (2017), "The Peri-Urban to Urban Groundwater Transfer and Its Societal Implications in Chennai, South India - A Case Study."Indian Journal of Agricultural Research, August Vol.51(4),135-141(SCOPUS)

PackialakshmiS,Padmini T.K.,Shakila G. and Priyanka V.(2017), Role of Aquatic Plants in Treating Wastewater – A Sustainable Approach, Pollution Research, December, Vol. 36 (4) : 177-182 (SCOPUS)

S.Packialakshmi,RupakBanik (2017), Analytical Study On Seismic Response With And Without Soft Storeys In Multistorey Rc Building,International Journal of Advanced Research in Basic Engineering Sciences and Technology, Special Issue 35(3), pp 16-27

Packialakshmi and Bhawani.(2018), Treating wastewater using Electrochemical approach, International Journal of Civil Engineering and Technology, November, Vol. 9 (11) : 47-53 (SCOPUS)

P MakendranVignesh Kumar Mahalingam S ,Packialakshmi (2020), Roughness prediction models based on variable distress parameters using neural network and MLRA for PMGSY roads, International Journal of Advanced Science and Technology, May, Vol. 29(7),1-11 (Elsevier-SCOPUS)

Anuradha, B., Kavitha, A., Packialakshmi, S., Sujatha, S.(2020) Role of irrigation tank rehabilitation and related off-farm activities in achieving sustainable rural development, Journal of Green Engineering, Vol. 10(7), pp. 3957-3968 (SCOPUS)

Anuradha, B., Packialakshmi, S., Nagamani, K., Sarala Devi, J. (2020) Statistical study of water users association for sustainable agriculture in rural development Journal of Green Engineering, May,Vol. 10(5), pp. 2212-2224(SCOPUS)

Aravindan, Kousalya Devi, SarathBabu, Arun Mohan, Packialakshmi(2020) Dimension effect on the seismic behaviour of column by varying effective length-depth ratios, October,Journal of Materials Today Proceedings (ELSEVIER-SCOPUS)

Solomon Erskine, S. Packialakshmi. (2020), Impact of Marine Water on Mechanistic Characteristics of Slag Cement in Concrete. Journal of Critical Reviews.April, 7(4): 1307-1317. doi:10.31838/jcr.07.04.231

Packialakshmi, Nagamani, Ambujam N.K (2020), Assessment of groundwater potential using geospatial technologies for urbanized Mambakkam mini watershed, Kancheepuram district, India, Indian Journal of Geo Marine Sciences, December, Vol 49(12), pp 1856-1865(SCI)

Book Publication

A Review on Status of Groundwater in Chennai, India (2017) -A Case Study, LAP Lambert Academic Publishing (2017-01-13), ISBN-13: 978-3-330-03119-7

S.Sujatha, R..Sivarethinamohan, B.Anuradha and S.Packialakshmi(2020), Activated carbon prepared from agricultural waste and its application for pollution Removal, in the Book titled “Research trends in Chemical Sciences” (Vol-9), pp 79-92, ISBN 978-93-90420-01-8, DOI: <https://doi.org/10.22271/ed.book.912>, September, Akinik publications, Delhi

S.Sujatha, R..Sivarethinamohan, B.Anuradha and S.Packialakshmi(2020),- “Review of Continuous Fixed-Bed Column Adsorption In Removing Pollutant In Wastewater” in the Book titled “Recent Advancements in Engineering and Technology”, ISBN 978-81-946168-3-2, ANVI Books & Publishers, September, Delhi

S.Packialakshmi 1 , K.Nagamani and V.Lavanya (2020), Industrial Wastewater Treatment using Coconut Shell Charcoal Based Activated Carbon in the Book “Pollution in Groundwater and its remedy”, January, ISBN 978-81-944363-3-1

Consultancy

Geo-Tagging of Agricultural Resources Project from Tamilnadu Civil Supply Corporation. (March, 2020) to Dr. K.Nagamani and Dr. S.Packialakshmi, Sathyabama Institute of Science and Technology, Chennai Amount Rs.1,00,000/-

Conferences

Packialakshmi (2021) Experimental and analytical study of GFRP reinforced concrete beams under marine environment at the 1st International Conference on Advances in Construction Materials and Management (ACMM 2021) Organised by Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai in collaboration with Universiti Malaysia Sarawak (UNIMAS), Malaysia, March 25-26, 2021

Packialakshmi (2020), Increased water and land productivity – an analytical study in rehabilitated water storage structures, Virtual International conference on Innovative solutions and challenges in Civil Engineering, 21-22, August, Saveetha Engineering College, Chennai

Packialakshmi (2020), Physicochemical characteristics of groundwater samples in suburban water carrying channel, International Conference, ICONSTEM-2020, 15th July, Jeppiaar Engineering College, Chennai

Solomon, Packialakshmi (2020), A study on mechanical properties of Ground Granulated Blast Furnace Slag under Marine environment, National Web Conference, NACM-2020, 30th May, Chennai Institute of Technology, Chennai

Sinai Michel, S. Packialakshmi, Rajesh.P.Nair A. Mathiyazhagan (2019) Assessment of Effect of Marine Corrosion on Impact Energy of Mild Steel Using Experimental Method and Finite Element Method, INCAM 2019 Conference, IISc Bangalore, 3-5, July.

Packialakshmi, BhargavTeja (2018), Indian Railway Systems- A Glance, International Symposium on Railway Engineering, Engineering Faculties, Karabuk University, Turkey, October 10-12

Packialakshmi S (2016), "Treatment of iron contaminated groundwater-Low cost approach" National Conference on Sustainable energy and environment Department of Chemical Engg, Sathyabama University, Chennai, 22-23, September

Deepjyoti Deb Packialakshmi S Dipan Majumder (2016), "Treatment of industrial waste water using water hyacinth aquatic plant" 2nd National conference on sustainable trends in energy and environmental resources, 25th -26th February, Department of chemical engineering SSN college of engineering, Chennai

Packialakshmi Sand Ambujam N.K (2013) Peri urban to urban groundwater transfer and related legal issues in Chennai Metropolitan Area, Tamil Nadu for the *National Groundwater Conference* at Tamil Nadu Agricultural University, Coimbatore, December 9-11, 2013.

Packialakshmi S (2013), "Growing urban demand of land and water resources and fading agriculture in the peri-urban interface- A study on Chennai Metropolitan Area" International Conference on Advances in Water Resources Development and Management (AWRDM-2013) 23rd – 27th October, Panjab University (PU), Chandigarh.

Packialakshmi Sand Ambujam N.K (2011) Is peri-urban to urban groundwater market sustainable –A case study in Chennai, India for the *2011 World Water Week in Stockholm* at Stockholm International Water Institute, Sweden, August 21-27, 2011.

Packialakshmi S and Ambujam N.K (2010) Emerging land use changes and its effects on groundwater aquifer, a study on Mambakkam mini watershed, southern suburban of Chennai for the *3rd International Congress of Environmental Research* organized by Journal of Environmental Research And Development, Bhopal (India) and University of Mauritius, Reunion (Mauritius), September 16-18, 2010

Packialakshmi S, Ambujam N.K, Prakash Nellyat, Karunakaran K. (2010), "Socio economic implications on the groundwater development in Chennai and its peri-urban interface, South India for the International conference, India 2010: Third International perspective on current and future state of water resources and environment, Chennai, India.

Packialakshmi S ,Ambujam N.K , PrakashNelliyat, Karunakaran K.(2009)“Need for integrated water resources management for ensuring water security and equity in Chennai Metropolitan Area: Emerging issues” in International Conference on Interfacing Poverty, Livelihood and Climate Change in Water Resources Development: Lessons in South Asia, Nepal.

Packialakshmi S, (1998), “Finite Element Analysis of Reinforced Concrete Plane Frames, National Student Symposium, Thanjavur, Tamil Nadu

Packialakshmi S, (1997), “Innovations in Materials, Construction and Management”, National Level Student Seminar, Annamalai University, Tamil Nadu

Packialakshmi S, (1997), “Recent Trends in Construction”, National Student Technical Symposium, Tiruchirappalli, Tamil Nadu

PROFESSIONAL EXPERIENCE:

Organisation : **Sathyabama University**

Old Mahabalipuram Road,
Kancheepuram District

Designation : **Associate Professor cum HOD**(June 2015 – Till date)

Assistant Professor (Sep 2011 – May 2015)

Organisation : **Anna University, Chennai**

Designation : **Research Fellow - Water Resources**

Fellowship : SACI Waters under SAWA fellowship funded by Irrigation
and Water Engineering group (IWE), Wageningen University,
The Netherlands.

Period : January 2008 – Aug 2011

Area of Research : Investigation of Groundwater trade with urban and peri urban context and its techno socio economic impacts

Organisation : **Dept. of Civil Engg, Sathyabama University**

Old Mahabalipuram Road,
Kancheepuram District

Designation : **Lecturer**

Period : June 2005 – Dec 2007

Organisation: **Christian Polytechnical College, Dindigul, Tamil Nadu, India**

Designation : **Lecturer – Dept. of Civil Engg.,**

Period : July 2000 to April 2002.

Students Projects Guided

UG Dissertation

Topic	Period
Effect of saline water in the strength characteristics of GGBS Concrete	2020
Preparation of Fired Bricks as Construction Materials By Partially Replacing Clay With STP Sludge and Fly Ash	2020
Assessment of Climate Index using CROPWAT and DRINC Software	2020
Investigation of Saline water Intrusion in near coastal zone of Chennai Metropolitan Area	2019
Experimental studies on effect of cow dung ash and Silica fume ash on strength properties of concrete	2019
Treatment of wastewater using aquatic plants	2019
Treatment of Industrial Water Using Biosorption	2018
Groundwater quality investigation in Pallikaranai Area, Chennai	2017
Industrial waste water treatment using Electrochemical approach	2017
Industrial waste water treatment using adsorption process	2017
Treatment of industrial waste water using water hyacinth plant	2016
Treatment of iron contaminated groundwater-Low cost approach	2016
Treatment of industrial waste water using agro based substrate	2016
Groundwater quality mapping for TambaramArea, Chennai	2016
Treatment of grey water using reed bed system	2016
Artificial recharge of groundwater using SAT system	2016
Testing and analysis of solar reflecting concrete	2016
Performance evaluation of fire resistant concrete	2015
Groundwater quality mapping for Sholinganallur Area , Chennai	2015
Water supply and demand status for Sathyabama University	2015
Flood mapping for part of Mambakkam mini watershed	2015
Assessment of groundwater balance for Southern Chennai	2014

Performance evaluation of water supply piping system	2014
System of artificial recharge of groundwater -A Case Study	2013

PG Dissertation

Topic	Period
Assessment of Corrosion in steel in Marine Environment	2019
Analysis of RC structures under Blast Forces	2018
Analysis of High Rise Buildings using E TABS	2018
Analytical Study of Seismic Response in Multistorey RC Buildings	2016
Experimental Study of Environmental Friendly Corrosion Inhibitor for Mild steel in Reinforced Concrete	2015

Events Organized

National Workshop on Groundwater Modelling December 5 &6, 2014

1stInternational Conference on Sustainable Building Environment, July 15-17, 2015

Guest Talk on High Rise Building Analysis using ETABS, 24th march 2017

2ndInternational Conference on Sustainable Building Environment, January 23-25, 2018

State Level Workshop on Resistivity Surveying for Water Resources Development, July 19-20, 2018

State level Workshop on application of remote sensing GIS and resistivity techniques in groundwater investigation March 03-04, 2020

Webinars Organized

- Title: COPING WITH CORONAVIRUS CHALLENGE
Topics Covered: How to face the challenges due to corona and hygienic measures to be taken on 11.05.2020
- Title: BAR BENDING SCHEDULE PROCESS
Topics covered: BIM modeling, Bar bending scheduling in construction fields on 12.05.2020
- Title: PREFABRICATED STRUCTURES
Topics Covered: Introduction to Prefabricated structures, cost effectiveness and its limitations on 14.05.2020
- Title: SUSTAINABLE BUILDING MATERIALS on16.05.2020
Topics Covered: usage of green building materials in construction, Energy efficiency, Green auditing of building

- Title: CHALLENGES IN CONSTRUCTION SECTOR DUE TO COVID PANDEMICS on 16.05.2020
Topics Covered:
Delays in construction projects, impacts and coping mechanism to mitigate the impacts
- Title: LOW COST ECO FRIENDLY WASTEWATER TREATMENT STARTEGY FOR SUSTAINABLE DEVELOPMENT on 16.05.2020
Topics Covered:
 - Detailed discussion about the technique of Constructed Wetlands to remove the contaminants biologically-cost effective, limitations of biobased technique
- Technical Webinar Series on Civil Engineering- 1.6.2020 to 5.6.2020
- Desalination- Solution to Domestic and Industrial water 5.6.2020 (World Environment Day)
- Renewable Energy- Sustainable approach 6.6.2020
- Challenges in Concrete Technology- Industrial Aspects on 12.6.2020
- Six Days Technical Webiar Series on 3D Modelling using Google Sketchup 15.6.20 to 20.6.20
- Seven Days FDP(International Level) on Recent Trends in Civil and Environmental Engineering 22.6.20 to 28.6.20
- One day Seminar on Innovation, IPR and Patents on 20.02.21
- Six days Certification Course on World Water Day titled Advances and innovative challenges in water technologies and application on March 22-27, 2021(Organized as Convenor) in Association with Centre for Remote Sensing and Geoinformatics Sathyabama Institute of Science and Technology with Indian Society of Remote Sensing (Chennai Chapter)
- Six days Certification Course on World Earth Day titled Sustainable Development on April 22-28, 2021(Organized as Convenor) in Association with Centre for Remote Sensing and Geoinformatics and Centre for Earth and Atmospheric Sciences, Sathyabama Institute of Science and Technology with Indian Society of Remote Sensing (Chennai Chapter)

Webinars Attended

- Virtual IEEE faculty Enclave by IEEE on 25th April 2020
- Leveraging technologies in Education by McGraw Hill Publishers on 23rd April, 2020
- How to Publish Open Access Journals by Taylor and Francis on 28th April 2020
- Education 4.0 by Atherva College of Engineerig, Mumbai on 28-30 April 2020
- OBE and NBA Processes by Sinhgad Institute of Tecchnology and Science, Pune on 16th May 2020
- Beyond the Boundaries, Education 4.0 by Swami keshavanand Institute, Technology and Management, Jaipur on 16-20th May.2020
- Indo-China Research Webinar in Civil and Environmental Engineering on 8th-19th May 2020
- Application of FRCP in Civil Engineering by SA Engg College 26th May 2020
- New Normal in Education by Swami keshavanand Institute, Technology and Management, Jaipur on 30th May 2020

- Two days National Level workshop on World Intellectual Property Day April 26-27,2021 titled Sensitization on IPRs for Professional Innovators by Department of Aeronautical Engineering and IQAC Sathyabama Institute of Science and Technology, Chennai in association with Tamilnadu State Council for Science and Technology Patent Information Centre

Seminars/Workshop Attended

S.No	Title	Name of the Orgn.	Dates	Duration
1.	National Level Workshop on Water Purification Methods	Metrohm India Ltd &Vellore Insitute of Technology, Chennai	9 th January, 2020	1 Day
2.	National Level Workshop on Statistical Analysis and Interpretation	Institute of Statistical Analysis and Research(ISA R)	27-29 December 2019	3 Days
3.	International Workshop on Climate Models	Indian Institute of Sciences, Bangalore	16-20 December 2019	5 Days
4.	6 th Asia-Pacific Coastal Aquifer Management Meeting – International Workshop	Department of Geology, Anna Univresity	11 December 2019	1 Day
5.	Workshop on Trending Environmental Software	Hindustan Institute of Science and Technology Chennai	5-6, December, 2019	2 Days
6.	National Conference on Recent Advances in Anthropogenic Disaster Monitoring(RAADM 2019)	Sathyabama Institute of Science and Technology, Chennai with Ministry of Earth Sciences(Mo ES)	22-23, October 2019	2 Days
7.	Faculty Development Program on Writing Research proposal	Department of Biotechnolog y, Sathyabama Institute of Science and Technology, Chennai	21-26, February, 2019	6 Days
8.	National Seminar on Course Correction in Curriculum Design and Development for Industry 4.0	IQAC, Sathyabama Institute of Science and Technology,	07-08, February, 2019	2 Days

		Chennai		
9.	Training Programme on Recycling of Processed Water in Industries	Industrial Waste Management Association, Chennai	8 th February, 2019	1 Day
10	Training Programme on ICPMS & GCMS	Center for for Ocean Research, Sathyabama Institute of Science and Technology	14-15, December 2018	2 Days
11	Training Programme on Application of Remote Sensing and GIS with special reference to Disaster Management	Center for Remote Sensing and Geoinformatics, Sathyabama University with DRDO, R&D Organization	10-11, December 2018	2 Days
12	International Symposium on Railway Engineering	Engineering Faculties, Turkey, Karabuk University, Turkey,	10-12, October, 2018	3 Days
13	Workshop on Advanced Industrial waste Water Treatment	IIT, Chennai	04, Sep 2018	1 Day
14	Workshop on Civil 2D/3D Design	ALTUS CADD TECH, Chennai	28, Aug, 2018	1 Day
15	FDP on Total Station Survey	ALG International Institute of Technology, Chennai	18-22, June 2018	5 Days
16	Training Programme on Groundwater Modeling	Center for Remote Sensing and Geoinformatics, Sathyabama University	16-17, April 2018	2 days
17	International Conference on Sustainable Building Environment	Sathyabama University	23-25, Jan 2018	3 days
18	National Workshop on Green Construction Techniques	KPR Institute of Engineering and Technology, Coimbatore	03-04, Oct 2017	2days
19	Workshop on Advancement in	PONCEA,	14,	1 Day

	Construction Industry	Sathyabama University, Chennai	September, 2017	
20	Technical Seminar on Technologies in Civil Engineering	PONCEA, Puducherry	17, September, 2017	1 Day
21	Certificate course on Patent Drafting	Centre for Ocean research Research, Sathyabama University	July 21,22,28&Aug 05,12,19 2017	6 Days
22	National Workshop on Water Resources System Modeling	Center for Water Resources, Anna University, Chennai	9-10, March 2017	2 Day
23	2 nd International Conference on Sustainable Practices in Civil Engineering	KPR Institute of Engineering and Technology, Coimbatore	10-11, April 2017	2days
24	National Seminar on Quality Higher education 2017	IQAC, Sathyabama Institute of Science and Technology, Chennai	28-29, April 2017	2 days
25	National Workshop on Groundwater Modeling	Department of Civil Engg., St. Joseph Institute of Technology, Chennai	02, November, 2016	1 Day
26	National Conference on Sustainable energy and environment	Department of Chemical Engg, Sathyabama University, Chennai	22-23, September, 2016	2 days
27	FDP on Solid waste Management	Department of Civil Engg., Hindustan Institute of technology, Chennai	22-23 July, 2016	2 days
28	FDP on Handling of advanced environmental instruments	Department of Civil Engg., Jeppiaar Engineering College, Chennai	1-3, June 2016	3 days

29	Training Program on Open GIS Tools	Centre for Earth & Atmospheric Sciences, Sathyabama University, Chennai	19-20, March, 2016	2 days
30	Workshop on waste management	Centre for Waste Management, Sathyabama University	5 August, 2015	1 day
31	International Conference on Sustainable Building Environment	Sathyabama University	15-17, July, 2015	3 days
32	Water and Sustainable Development	Centre for Water Resources, Anna University, Chennai-25	23 rd March, 2015	1 day
33	Emerging fast track techniques in building and infrastructure projects	Indian Concrete Institute	28 June 2015	1 day
34	Advances in Forecasting Techniques for Water Resources	Centre for Disaster Mitigation and Management, VIT University, Vellore	19 th September, 2014	1 day
35	3D- Groundwater Flow and Contaminant Transport Modeling	National Institute of Technology, Calicut, Kerala	05-07 May 2014	3 days
36	Peri-urban to Urban Groundwater Transfer-National Groundwater Conference-2013	Tamilnadu Agricultural University, Coimbatore	09-11 December, 2013	3 days
37	Groundwater Laws in Tamilnadu	Dr. Ambedkar Law University, Chennai	24 th October, 2013	1 day
38	Managed Aquifer Recharge Methods	Department of Geology, Anna University, Chennai-25	11-12 December 2012	2 days
39	World water Week 2011	Stockholm International water Institute, Sweden	21-27, September, 2011	7 days
40	Writing workshop on Research Methodology	University of Peradeniya,	17-20, January, 2011	4 days

		Sri Lanka		
41	Isotope tracer for Water Resources management	Anna University, Chennai	25 February,2011	1 day
42	Data analysis using SPSS	Anna University	07-08, Januaray,2011	2 days
43	International Conference on Environmental Research	University of Mauritius	16-18 September 2010	3 days
44	Workshop on Research Methodology	TISS, Mumbai	02 –10 February - 2010	13 days
45	International conference on current and future state of water resources	IIT, Chennai	05-07 January, 2010	3 days
46	International Conference on Water resources development	Nepal Engineering college	4-6, May, 2009	3 days
47	Training Program on digital skills	Anna University	29 January , 2008	1 day
48	Workshop on Research Methodology	TISS, Mumbai	17 – 30 April- 2008	13 days
49	Application of SPSS for Data Analysis	Evereonn Learning Academy, Chennai-83	12-14 September, 2007	3 days
50	Recent trends in Civil engineering	Shanmuga college of Engg., Tanjore	18, September,1998	1 day
51	Recent trends in Construction	Annamalai University	11, March , 1997	1 day
52	Recent Trends in construction	REC,Trichy	24,25, February,1997	2 days

PERSONAL FACTFILE:

Date of Birth : 7th March 1978.
Marital status : Married
Passport No : S2156877 Valid till 25/06/2028