

RESUME



1. Name : **Dr.P.VINCENTVENKATESAN**
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Mobile: 94431-10487
2. Date of Birth : 6.12.1963
3. Designation :Professor, Civil Engg. Dept.
4. EDUCATIONAL QUALIFICATIONS:

Degree	Institute / University	Year	Class obtained	Field of Specialization
B.E.	T.C.E., Madurai	1985	First	Civil Engineering
M.E.	Anna University, Chennai	1993	First	Hydrology & Water Resources Engineering.
Ph.D.	Anna University, Chennai	2006	Commended	Civil Engineering

5. Total Teaching Experience:37 Years

Employment record (Starting from present position)

University / College / Organization	Designation	Period
MepcoSchlenk Engineering College, Sivakasi.	Senior Professor & Head	July 2021–Dec 2023
MepcoSchlenk Engineering College, Sivakasi.	Senior Professor	July 2015 – June 2021
MepcoSchlenk Engineering College, Sivakasi.	Professor	July 2006–June 2015
MepcoSchlenk Engineering College, Sivakasi	Assistant Professor	May 2005 – June 2006
Mepco Schlenk Engineering College, Sivakasi	Selection Grade Lecturer	July 2001 – April 2005
Mepco Schlenk Engineering College, Sivakasi	Senior Lecturer	1996-2001
R.V.S. College of Engg.& Technology, Dindigul	Senior Lecturer	1994-1996
R.V.S. College of Engg. & Technology, Dindigul	Lecturer	1986-1991

6. PROJECTS DONE:

B.E. Project:

Design of an impeller of a centrifugal pump using PVC

M.E. Project:

Performance assessment of an irrigation system.

Ph.D. Thesis:

Artificial intelligence techniques for inflow forecasting and optimal operation of reservoir system

7. Ph.D. Guidance:

- Approved research guide in Anna University Chennai, Tirunelveli, Noorul Islam University, Nagercoil for guiding Ph.D. students
- Guide for 7 research scholars in pursuing their Ph.D. in Civil Engineering (5 **Awarded** and 3 ongoing)
- Doctoral committee member for 12 research scholars.

8, Students Projects Guided:

- UG – 30:PG - 3

9. PUBLICATIONS:

Books: 3

S.No	Book Name	Authors	Published Date	Book Type	Publisher Name
1.	Construction Materials and Technology	Dr.P.Vincent Dr.S.Herald Lessly Dr.M.Indhumahi Mr.J.Sivasubramanian	2.9.2022	Book Print	Sruthi Publishers, Magnus Publications, Chennai
2	"A Text Book of Applied Hydraulics"	Dr.P.Vincent	07/04/2021	Book Print	Royal Book Publishing (Partner of Eleyon Publishers), India
3	Basic Civil & Mechanical Engineering	Dr.P.Vincent, Dr.P.Oliver Jayaprakash	01/12/2008	Book Print	Virutcham Publications, Nagercoil

Total Number of Paper Publications: 43

International Journals:

1. "Effect of inflow forecast accuracy and operating time horizon in optimizing irrigation releases" Water Resources Management Publisher: Springer Netherlands Received:31 August 2005, Accepted: 9 June 2006 publishedonline:27 June 2006. IF:3.209, Scopus indexed

2. "Genetic Programming model for forecast of short and noisy data" Hydrological processes Publisher: Wiley interscience Published online: 29 August 2006. IF: 3.014, Scopus indexed
3. "Rule reductions in fuzzy logic for better interpretability in reservoir operation" in Hydrological processes journal, Wiley interscience vol.No.21, pp 2835-2844 (2007), IF: 3.014, Scopus indexed
4. "Evaluation of the Fresh and Hardened Properties of Steel Fibre Reinforced Self-Compacting Concrete Using Recycled Aggregates as a Replacement Material" (2014), Advances in Civil Engineering, Article ID 671547, 6 pages, Scopus indexed.
5. "Analysis of Heavy metals in Ground water using GIS Technique – A case study of East Coast from Pamban to Thiruvanniyur in Tamil Nadu, India", (2014), African Journal of Geo-Science research, 2014, 2(1),07 -12, ISSN: 2307-6992.
6. "Optimization of the mix proportion of steel fibre reinforced self-compacting concrete using recycled aggregates as a replacement material"(2014) International journal of Earth Science and Engineering, Scopus indexed.
7. "Study of the Structural Behavior of Beam Column Joints by Partial Replacement of Coarse Aggregate with Waste Recycled Aggregates and by Addition of Hybrid Steel Fibres", (2014), International journal of Earth Science and Engineering, Scopus indexed
8. Application of Recycled Aggregates and Steel Fibres in Exterior Beam Column Joints, (2014), International journal of Earth Science and Engineering, Volume No: 07, Issue No: 05 Scopus indexed
9. "An experimental study on partial replacement of cement by silica fume and fly ash in lightweight coconut shell concrete", (2014), International journal of Earth Science and Engineering, Volume No: 07, Issue No: 05; Scopus indexed
10. "Behaviour of recycled aggregate in Exterior beam column joint" (2014), International journal of Earth Science and Engineering, Volume No: 07, Issue No: 5; PageNo: 1002-1005. Scopus indexed
11. 'Geo technical Assessment of soil in erosion prone zone', (2015), IJCIET, Volume No: 7, Issue No: 6; PageNo: 227-240, Scopus indexed
12. Experimental Study on behavior of Fiber reinforced concrete using Polyester and glass fibres, (2016), IJERT, Volume No: 5, Issue No: 11; Scopus indexed
13. "Effect of Mineral Admixtures on Mechanical Properties and Chemical Resistance of Lightweight Coconut Shell Concrete" (2016), Arabian Journal for Science and Engineering, ISSN 2193-567X, Arab J SciEng DOI 10.1007/s13369-016-2240-1 (IF :0.728), Scopus indexed
14. "Use of Super Absorbing Polymers (SAP) for Internal curing of conventional concrete with low w/c ratio" (2016), Volume No: 5, Issue No: 11;
15. "Influence of corner radius on ultimate strength of square concrete columns confined by fiber-reinforced polymer wrapping", (2017). Asia Life Sciences, Volume No: volume 27 (1), Issue No: Jan - June 2018; PageNo: 32-58, Scopus indexed.
16. "Optimization of steel wool fibre parameters in Concrete by multi response optimization method" (2017), Volume No: 15, Issue No: 3; PageNo: 982-988, Scopus and SCI indexed.
17. "Analysis of Nutrient Index of soil for green environment" (2017), Journal of Asian Chemistry volume No.27, Issue No: 10; PageNo: 2311-2315, Scopus indexed.

18. "Review on the current construction and demolition waste management framework" (2018), International Journal of Civil Engineering and Technology (IJCIET), Volume No.9, Issue No: Issue No.13; PageNo: 1258-1263, Scopus indexed
19. "Experimental investigation on mechanical properties of self-curing concrete with silica fume using SPA and PEG 6000" (2018), Volume No.10, Issue No.14; PageNo: 690-699, Scopus indexed,
20. "Transient Thermal Effect of FRC incorporated PECC under High Temperature" (2019), International Journal of Recent Technology and Engineering, Volume No: 8, Issue No: 2; PageNo: 2660-2665, Scopus indexed.
21. "Flexural Behavior of Sustainable Self Compacting Concrete Beam" (2019), Journal of Green Engineering, Volume No.9, Issue No: Issue No.2; PageNo: 176-188, Scopus indexed.

National journals:

- 1 "Modeling of traffic related air pollutants concentrations from vehicular emission in Madurai city", Indian journal of environmental research, January 2007, vol. 19 (1), pp 55-59.
- 2 'A study on the performance of coconut shell concrete with silica fumes' – journal of Structural Engineering, Vol.No.39, No.6, February – March, 2013, pp 701 – 706.
3. "Evaluation of the behavior of recycled aggregates in self -compacting concrete" (2013). Journal of emerging trends in mechanical science and engineering, ISSN No. 0976 – 2558, volume No.4, pp 41-47.

Papers published in Conferences:

International:

1. "Wasteland Management - Role of Geosynthetics" - A case study-International conference, Geosynthetics, Asia, Bangalore (1997).
2. "Application of neural network in reservoir operation", International conference "ISTAM Dec. 2003" at IIT, Kharagpur.
3. "Improved inflow prediction for better management of reservoir systems", International conference "ICON – HERP 04, at IIT, Roorkee during October 26-29, 2004.
4. "Neural Network Approximation of a water management simulation model", International conference HYPESD -05, at IIT Roorkee during February 2005.
5. "Coupled ANN-GP model for flow forecast of short and variable data" international conference on RAWRDM, IIT, Roorkee during November 23-25, 2006.
6. "Study of inflow forecast accuracy in reservoir operation" International conference on 15th APD-IAHR (2006), IIT, Madras.
7. 'Use of super absorbing polymers (SAP) for Internal curing of conventional concrete with low w/c ratio, International conference on Futuristic Innovations and Developments in Civil Engg. (ICFIDCE'13) April 18 -20, 2013.

National:

1. Integrated Watershed management - A case study -National Conference, JNTU, Hyderabad,

2. Performance Assessment of Kodagan Channel - Thamiravaruni Basin - A case study - National Seminar on 'Inter Disciplinary issues in irrigation management', March 14-15, 1998 - IMTI, Trichi
3. Rain water harvesting in Vaippar Basin - Regional symposium on 'Habitat Beyond 2000' - Nov. 18-20, 1998 - DayanadaSagar College of Engg., Bangalore.
4. Noise emission modeling for Madurai City - National Seminar on Infrastructure'2000 - March 5-6, 1999 - Construction Industry Development council, New Delhi
5. Management and Performance assessment of an irrigation system - National seminar on water resources management for sustainable development, March 12-13, 1999, S.V. University, Tirupathi
6. Performance evaluation of a mineral water plant - National seminar on WRMSD - March 12-13, 1999, S.V University, Tirupathi
7. Socio-economic aspects of watershed management - Regional Workshop on Watershed development, Management and Evaluation in the Western Ghats region of India - 28-29 Feb. 2000, CWRDM, Kozhikode.
8. "Cost effective approach for Rain water harvesting", National seminar on 'Role of Private Sectors in irrigation and drainage system' – IMTI- Trichy – during 28-29 March 2001.
9. "ISO 14000 - Environmental auditing", "Environics 2002 National conference", during 28-29, Feb. 2002
10. "Micro level Rainwater harvesting", National seminar on 'Water resources systems planning & management held at Annamalai University, Annamalai Nagar during 7-8, March 2002.

Patent:

- A patent on the title “**Effective Usage of Industrial Effluent as Hydraulic Fluid**” has been granted on 29.7.2021.

10. RESEARCH& CONSULTANCY PROJECT:

Sl. No.	Title of the Project	Funding Agencies	Amount sanctioned	Date of Sanction / Duration	Position	Status
1.	Application of ANN & GA Techniques...	DST, Govt. of India.	Rs. 10.64 lakhs	05.02.2004 / 3 years	Co-Principal Investigator	Completed
2.	Environmental monitoring of soil & water quality	PWD, Environmental Cell Division, Madurai, Tamil Nadu	Rs.9.30 lakhs	15.3.2012/ Two years	Team Leader	Completed

11. GUEST LECTURE / GUEST FACULTY / INVITED LECTURE / CHAIRMANSHIP / UNIVERSITY POSITION ETC.

Sl.No.	Institute / University	Title	Date
1.	CEA,MSEC	Performance assessment of an irrigation	1998

		system	
2.	CEATS'98	Panel judge at RVS college of Engg.& Tech.	1998
3.	PWD – CEP 2002	MS-EXCEL I	23.5.02
4.	PWD – CEP 2002	Norton antivirus	29.5.02
5.	Guest lecture	“Rainwater harvesting and conservation of water bodies” ISTE students’ chapter	2.3.2003
6.	Panel Judge	Evaluation of Students projects sponsored by TNSCST (Polytechnic level) at AGP, Sivakasi	Oct. 2003
7.	Guest Lecture	FDP on “GVF” at AKC, Srivilliputhur	19.11.2003
8.	Panel Judge	Acumen 2004 MSEC	28.02.2004
9.	Guest Lecture	ISTE-STTP on “Transport Telematics”	09.03.2004
10.	Anna University	Anna University Representative (AUR)	-----
11.	Member, Board of studies, Civil Engg.	V.S.V.N.Polytechnic, Virudhunagar	2005-2007
12.	Guest Lecture	AGP Polytechnic, Sivakasi	15.07.2006
13.	Panel Judge	State Level Technical Competition - V.S.V.N.Polytechnic, Virudhunagar	02.01.2007
14.	Chief Guest	Cognizium '08, National level technical symposium, Sun college of engg. Nagercoil.	28,29.2.2008
15.	Coordinator	L – RAMP, one day student level technical competition sponsored by IIT, Chennai, at MepcoEngg.college.	25.3.2008.
16.	Chief Guest	Staff development programme conducted by Noorul Islam University	3.7.2009
17.	Guest Lecture	St.Xaviers catholic college of Engg.	12.3.2010
18.	External expert for faculty recruitment	Noorul Islam University, Nagercoil	15.7.2010
19.	Judge	National level students’ technical symposium at Dr. SivanthiAditanar college of engg.	3.2.2011
20.	Expert member	Staff selection in Civil Engg. at Kalasalingam University	8.6.2011
21.	Guest Lecture	Sun college of engg. & technology	5.9.2011
22.	Chief Guest	National level students’ technical seminar at Kamaraj college engg.	16.3.2012
23.	Chief Guest	National level students’ technical symposium at Dhanalakshim Srinivasan college of engg. Perambalur	4.10.2012
24.	Chief Guest	National level students’ seminar at Kongunadu college of engg. & tech, Trichy	22.2.2013
25.	Member, Board of studies in Civil Engg.	Noorul Islam University, Nagercoil	4.4.2013
26.	Expert member	Staff selection in Civil Engg. at RenganayakiVaratharaj college of Engg.& Tech	8.4.2014

27.	Expert member	Staff selection in Civil Engg. at AAA college of Engg.& Tech	2.5.2014
28.	Chief Guest	International conference held at Srividya college of engg.	4.4.2014
29.	Chief Guest	Faculty development programme held at Srividya college of engg.	3.6.2014
30.	Chair Guest	International Conference held at Noorul Islam University, Nagercoil	8.10.2014
31.	Guest Lecture	Irrigation Management Training Institute, Trichy	4.7.2016
32.	Chief Guest	State level students' technical symposium APEX'17 at KLN college of information technology, Madurai	28.9.2017
33.	Chair person	International Conference held at PSR college of Engg.	Nov.17
34.	Member, Department Advisory Committee (Civil)	AAA college of Engg.& Tech	22.11.2017
35.	Chief Guest	International Conference "SACOESIUM 19' held at Dr.SivanthiAditanar College of Engg.	9.2.2019
36.	Key note Speaker	International Conference held at Noorul Islam University, Nagercoil	26.4.2019

12. Membership of Scientific and Professional Societies:

- Life member of ISTE, ISEP

13. List of conferences, Short-term courses etc. organized / participated:

Organized:

- Two weeks ISTE short term training programme on “**GIS and Remote sensing applications in Civil Engineering**” organized by Department of Civil Engineering, Mepco Schlenk Engineering College, and Sivakasi during 9-22, December 2002.
- AICTE sponsored one-day National level workshop on “**Solid waste management**” on 23.11.2007 for an amount of **Rs.60,000/-**.
- AICTE-ISTE sponsored one week STTP on ‘**Disaster Management using Remote Sensing & GIS**’ scheduled during 23.6.2008 – 28.6.2008 at the cost of **Rs.90,000/-**.
- A two-week workshop on “**Fluid Mechanics**” organized during 20.5.2014 – 30.5.2014 funded and organized by IIT, Khargphur under NMEICT, MHRD.
- A one-day National conference on “**Advances in Civil Engineering**” on 15 March 2017

- AICTE sponsored 3 days' National seminar on “**Management of Drought and Flood for enhanced food security and livelihood**” during December 14 – 16, 2017 at the cost of **Rs.1,00,000** /- under seminar grant.

Participated:

1. One Day National Seminar on “Privatization of small hydro power project at CIT, Coimbatore, 1994.
2. Training Course on Rural Water Supply and Sanitation, GRI, Gandhigram, 1995.
3. Remote sensing applications, National Institute of Technology Mysore.1996.
4. Remote sensing applications in water resources management, IIT, Mumbai. 1997.
5. Workshop on Guidance and Counseling, MSEC, Sivakasi, 1997.
6. National conference on construction – Infrastructure 2000 organized by CIDC during 5-6, March 1999.
7. National seminar on “Water resources management for sustainable development”, at S.V.University during 12-13, March 1999.
8. Two weeks short term course on “Hydrological Modeling” organized by KREC, Suratkal, 8-21 Jan. 2001.
9. Two days training programme on “Life skill Training” organised by Quality circle on Guidance and Counselling, 17-18, Mar. 2001.
10. One-day conference on “Water summit 2002” at Taj Coromontal, Chennai, March 2002.
11. One-day workshop on “Helping skills” organized by QC on counseling & guidance on 16.7.2002.
12. Acted as panel judge for selecting the Best project at Polytechnic level conducted by DTE, Chennai during October 2003 at AGP, Sivakasi
13. One-day workshop on “special approaches in enhancing the achievements of students” on 11th December 2006.
14. Attended Two days ISTE workshop for teachers on ‘Akash for Education’ organized by IIT, Bombay funded by MHRD during 10, 11.11.2012.
15. Attended a one-week Faculty Development programme organized by NIT, Calicut on the title “Modeling techniques for Environmental and Hydrological processes” during 10.2013.
16. Attended one-week workshop coordinator’s training programme organized by IIT, Kharagphur during 11 -15March 2014.

17. 2 weeks workshop on “Structural Engineering” organized during January 2016 funded and organized by IIT, Khargphur under NMEICT, MHRD, New Delhi.

18. 2 days training programme for ‘Internal Auditors’ organized by IQAC, Mepcoengg.college during 17 -18 April 2018

14. Subjects taught:

1. Fluid mechanics
2. Applied Hydraulic engineering.
3. Hydraulics and hydraulic machinery
4. Water resources planning & Management
5. Hydrology
6. Irrigation Engineering
7. Construction Materials
8. Construction management
9. Surveying
10. Environmental principles and management.
11. Water supply and Sanitary Engineering.
12. Operation and management of irrigation systems
13. Ground water Hydrology.
14. Municipal solid waste management
15. Hazard Monitoring and Management
16. Industrial Pollution prevention & control
17. Water pollution and management
18. Industrial waste water management
19. Disaster Prevention Planning & Control
20. Hazard Monitoring and Management
21. Urban Climate Change Adaptation & Control

15. Any other remarks:

- Member Academic Council, IQAC, Sponsored research committee, Guidance and Counselling, Coordinator IAT, Chairman for the reception committee for the College day, Graduation day and Sports day functions at **Institution Level**.
- **At Department Level** in charge for Board of studies, internal and External Academic Audit, R & D file, Special Course, Visiting Professorship Scheme, Hydraulics lab in charge till 2019, students’ placement and internship, NBA, NAAC, NIRF, CII related activities.

- **Anna University Nominee** for the Board of studies, in the Faculty of Civil Engineering at Kongu Engineering College, Erode
- Received the **outstanding** reviewer award (certification) from Energy and Building, an International journal published by Elsevier, Amsterdam, Netherlands
Reviewer for the following International journals:
 - International journal of energy and buildings, Elsevier
 - International journal of Science and Engineering of Composite Materials
 - International journal of earth science and engineering.
 - International journal of membrane technology, Techno press
 - International journal of Open Journal of Civil Engineering
 - International journal of Advances in Science, technology and engineering system
 - International journal of Agricultural Water Management, Springer
 - International journal of thin walled structures, Elsevier, Netherlands
- Acted Expert member for selection of SRF for a project sponsored by CSIR at Kalasalingam University, Srivilliputhur.
- Acted as Chairman, Board for selection of Ph.D scholars in Civil Engg. of Noorul Islam centre for Higher Education
- Subject Expert member, Board of studies in Civil Engg.-Noorul Islam University, Sethu Institute of Technology, PSR college (Autonomous), Sivakasi
- Question paper setter for various Engg. Universities in Tamil Nadu & Pondicherry and TNPSC
- Major contribution from department side during 6 NBA Accreditation and NAAC Accreditation and Board of Studies in the Faculty of Civil Engg.

16. References:

1. **Dr.N.K. Ambujam,**
Director, Centre for Water Resources,
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Dr.P. Vincent.
Senior Professor & Head / Civil Engg.