

**Dr. T. PALANISAMY**, B.E (Civil), M.E(Struct.), Ph.D. ( Struct.), MISTE, MICI.,

Associate Professor,

Department of Civil Engineering,

National Institute of Technology Karnataka (NIT K), Surathkal,

(Institute of National Importance by the Government of India) ,P.O.

Srinivasnagar, Mangalore – 575 025. Karnataka- State, India.

<http://www.nitk.ac.in/>

Scopus Id: 56026363600

Web of Science ID: IAP-7906-2023

ORCID- 0000-0002-8921-6849

E – mail: [tpalanisamycivil@nitk.edu.in](mailto:tpalanisamycivil@nitk.edu.in),

Mobile: +91 9994862226 ,

Office: 08242473366, Mail Id: [tpalanisamycivil2000@gmail.com](mailto:tpalanisamycivil2000@gmail.com).



### Personal Details:

1. **Areas of specialization:** Structural Engineering

2. **Area of Interest:**

- Bio – Concrete,
- Concrete Battery,
- Micro-characterisation of the concrete,
- Beam - Column Joint,
- Artificial Intelligent & Machin Learning application in Beam - Column Joint.

3. **Academic Career Record**

Certificate/ Degree [UG & PG]	Year	School/ College	Board/ University	Class/ Division	Percentage/ CGPA
SSLC	1993	Government Higher Secondary School, Olagadam, Erode – Dist.	Department of Government Examinations, Madras.	First Class	67.00
DCE / Civil Engineering	1997	Sakthi Institute of Technology, Sakthinagar, Erode - Dist. Tamilnadu.	Directorate of Technical Education, Chennai, India.	First Class with Honors	85.16
B.E / Civil Engineering	2000	College of Engineering, Erode	Bharathiyar University, Coimbatore.India.	First Class	70.13
M.E/ Structural Engineering	2002	Government College of Engineering, Salem -11. Tamilnadu.	Periyar University, Salem. India.	First Class	70.13
Ph. D / Civil Engineering	2009	Govt. College of Technology, Coimbatore 13. Tamilnadu.	Anna University, Chennai. India.	Awarded	86.75

4. **Academic - Doctoral Degree [Ph.D.] Details**

Thesis Title	From Date	To Date	Institute / University	Guide / Mentor	Final Viva Voce Date	Award Date
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Studies on Strength and Durability of High Performance Concrete with Silica Fume and Ground Granulated Blast Furnace Slag as a Mineral Admixtures	05.01.2005	September 2008	Govt. College of Technology, Coimbatore - 13. Tamilnadu / Anna University, Chennai. India.	<b>Dr. T. Meenambal</b> Professor in Civil Engineering, Govt. College of Technology, Coimbatore - 13.	06.04.2009	19.05.2009
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#### 5. National/State/Others -Test Scores/ Ranks

Examination	Year	Branch / Area of Specialization	Score	Rank	Percentile
<b>GATE - 2001</b>	2001	Civil Engineering	88.10	3274	88.10
<b>Tamilnadu Public Service Commission (TNPSC)</b>	2009	Civil Engineering	213/ 250	06	85.20

#### 6. Details Present & Past Employment

S.N O	Employer	Position Held	Date of Joining	Date of Leaving	No. of Months/ Years	Scale of Pay & GP/AGP (If Applicable)
8	National Institute of Technology Karnataka, Surathkal, Mangalore – 575 025, Karnataka state, India.	Assoc. Professor	09.10.2023	Still working	-	37400-64000 + AGP 9500
7	National Institute of Technology Karnataka, Surathkal, Mangalore – 575 025, Karnataka state, India.	Asst. Professor	22.06.2018	08.10.2023	5 Years 5 months	15600 – 39100 - AGP 8000 (Grade – I )
6	I.K. Gujral Punjab Technical University, Punjab state, India.( Govt. of Punjab).	Associate Professor	19.06.2017	18.06.2018	1Years 0 months /0 days	37400-67000+AGP9000
5	K.S.R. College of Engineering, Tiruchengode – 637 215.	Professor	01.11.2014	16.06.2017	2Years 3 months /9 days	37400-67000+AGP 10000
4	K.S.R. College of Engineering, Tiruchengode – 637 215.	Associate Professor	01.05.2009	31.10.2014	5 years / 5 months/ 30days	37400-67000+AGP 9000
3	K.S.R. College of Engineering, Tiruchengode – 637 215.	Asst. Professor	01.07.2008	30.04.2009	9 months/ 29 days	12000-420-18300
2	K.S.R. College of Engineering, Tiruchengode – 637 215.	Senior Lecturer	01.07.2007	30.06.2008	11 months/ 29 days	10000-325+ AGP 15200
1	K.S.R. College of Engineering, Tiruchengode – 637 215.	Lecturer	25.11.2002	30.06.2007	4 years/ 7 months/ 5days	8000-275-13500

#### 7. Total Experience

<b>Teaching Experience</b>	20 years 11 months as on (01.11.2023)	21 Years
<b>Industrial Experience</b>	28.04.2000 to 31.12.2000 (8 Months / 3 Days) 01.06.2001 to 21.11.2001 ( 5 Months / 20 Days )	1 Year/ 1 Month

#### 8. Subjects Taught (Last 4 years)

Title of the Course taught	Year	U.G. / P.G.	Approximate No. of Learners	Institution/University
Non-Destructive Testing and Evaluation for Concrete Structures	IV	UG	45	Institution
Repair and Rehabilitation of Structures	I	PG	20	Institution
Design of PSC Structures	IV	UG	64	Institution
Elements of Surveying	III	UG	61	Institution
Advanced Design of Steel Structures	I	PG	26	Institution
Advanced Concrete Technology	I	PG/Ph.D	19	Institution
Strength of Materials	II	UG	25	University
Building Materials and Construction	II	UG	25	University
Structural Analysis	II	UG	25	University
Fluid Mechanics	II	UG	25	University
Irrigation Engineering	II	UG	25	University
CADD for Civil Engineers	I	Ph.D	05	University
Engineering Mechanics	I	UG	60	Institution
Engineering Graphics	I	UG	60	Institution
Strength of materials	II	UG	60	Institution
Mechanics of Solids	II	UG	60	Institution
Irrigation Engineering	III	UG	60	Institution
Asesmic Design of Structures	IV	UG	60	Institution
Estimating and Cost Engineering	IV	UG	60	Institution
Structural Dynamics	I	PG/Ph.D	18	Institution
Finite Element Method	I	PG/Ph.D	18	Institution
Bridge Engineering	II	PG	18	Institution

#### 9. Research guidance

Completed			Submitted		Ongoing		
Ph.D.	PG (R)	P.G.	Ph.D.	PG (R)	Ph.D.	PG (R)	P.G.
11	02	20	-	-	07	02	06

#### 10. a. Publication details - No. of Papers

Journal/ Conference	International (Scopus indexed)	National
Journal Papers	29	04
Conference Publications	12	26

#### b. Best five papers details

Author	Title	Journal	Volume	Pages	Year
Shreyas Alagundi <b>Palanisamy T</b>	Neural network prediction of joint shear strength of exterior beam-column joint	Structures	Vol 37	Pp: 1002-1018	2022
Ajmal Muhammed, <b>Palanisamy Thangaraju</b>	Experimental Investigation on FACA and FACACRETE — An Innovative Building Material	KSCE Journal of Civil Engineering	Vol 23(11)	4758–4770	2019
Senthilkumar V., <b>Palanisamy T.</b> , Vijayakumar V N	Enrichment of compressive strength in microbial cement mortar,	Advances in Cement Research	Vol. 26 Issue 6,	pp 353 – 360	(2014) <b>SCI*</b> <b>S.No : 254</b>
Senthilkumar, V. <b>Palanisamy, T.</b> , Vijayakumar	Strength characteristics of microbial cement mortars treated in different calcium sources,	Advances in Cement Research	Vol 26, Issue 01.	<a href="http://dx.doi.org/10.1680/adcr.14.00002">http://dx.doi.org/10.1680/adcr.14.00002</a>	(2014) <b>SCI*</b> <b>S.No : 254</b>

<b>Palanisamy, T,</b> Dineshkumar, G & Shalini, A	Performance evaluation and investigation on mechanical properties of polyester fiber reinforced concrete	Journal of Structural Engineering, CSIR – SERC,	vol.40, no.4,	pp. 420-425.	(2013), Scopus Indexed Journal
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**SCI\* – Science Citation Index - Journal**

**11. Books / Chapters Published & E-learning materials Developed**

<b>S.No</b>	<b>Title of the Book</b>	<b>Title of the Chapter</b>	<b>Name of the Author(s)</b>	<b>Published By</b>
7	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Intelligent Modeling for Shear Strength of RC Exterior Beam-Column Joint Subjected to Seismic Loading	B. Swapnil and <b>T. Palanisamy</b>	Page no: 39-53, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/978-3-031-12011-4">https://doi.org/10.1007/978-3-031-12011-4</a>
6	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Prediction of Compressive Strength and Workability Characteristics of Self-compacting Concrete Containing Fly Ash Using Artificial Neural Network	Nitesh Netam and <b>T. Palanisamy</b>	Page no: 55-65, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/9783-031-12011-4">https://doi.org/10.1007/9783-031-12011-4</a>
5	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Seismic Analysis of a PSC I Girder Bridge Using Nonlinear Static Method	Ambati Vamsi, Basil Baby, and <b>T. Palanisamy</b>	Page no: 67-80, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/978-3-031-12011-4">https://doi.org/10.1007/978-3-031-12011-4</a>
4	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Predicting the Axial Load Carrying Capacity of Columns Reinforced with GFRP Rebars Using ANN Modelling	G. Sumesh Manohar and <b>T. Palanisamy</b>	Page no: 103-113, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/978-3-031-12011-4">https://doi.org/10.1007/978-3-031-12011-4</a>
3	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Review of Various Microbial Immobilization Methods Towards Self-healing Application .	Basil Baby, <b>T. Palanisamy</b> , and S. Arjun	Page no: 587-597, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/978-3-031-12011-4">https://doi.org/10.1007/978-3-031-12011-4</a>
2	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Crack Detection in Concrete Using Artificial Neural Networks	<b>T. Palanisamy</b> , Rajat Shakya, Sudeepthi Nalla, and Sai Shruti Prakhya	Page no: 877-885, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/978-3-031-12011-4">https://doi.org/10.1007/978-3-031-12011-4</a>
1	Proceedings of SECON'22, Lecture Notes in Civil Engineering	Experimental Study on Durability and Mechanical Properties of Lightweight Mortar with Encapsulated Spore Forming Bacteria	J. P. Akshay, Basil Baby, and <b>T. Palanisamy</b>	Page no: 1185-1197, Springer, Vol 284, ISBN978-3-031-12010-7, <a href="https://doi.org/10.1007/978-3-031-12011-4">https://doi.org/10.1007/978-3-031-12011-4</a>

**(ii) International Publications in the form of Books: (02)**

S.No	Title of the Book	Name of the Author(s)	Published By
1	Proceedings of International Conference on Civil, Structural and Environmental Engineering Proceedings	Dr. N. Rengarajan Dr. V. Revathi <b>Dr.T, Palanisamy</b>	Excel India Publishers, NewDelhi. (ISBN : 978-93-80697-63-5)
2	Proceedings of Sustainable Practices and Innovations in Civil Engineering	Sivakumar Naganathan Kamal Nasharuddin Mustapha <b>Dr.T, Palanisamy</b>	Springer, Springer Nature Singapore ISBN: 978-981-16-5040-6

**(ii) International Book Chapter Edited: (07)**

S.No	Title of the Book	Name of the Author(s)	Published By	No of Chapters Edited	Chapters Edited
1	Proceedings of International Conference on Civil, Structural and Environmental Engineering Proceedings	Dr. N. Rengarajan Dr. V. Revathi <b>Dr.T, Palanisamy</b>	Excel India Publishers, New Delhi. <b>(ISBN : 978-93-80697-63-5)</b>	05	<ul style="list-style-type: none"> <li>• Advances in Concrete Technology.</li> <li>• Composite Structures.</li> <li>• Sismic Behaviour of Structures.</li> <li>• Fibre Reinforced and Polymer Concrete.</li> <li>• Analysis and Design of Reinforced Concrete.</li> <li>• Civil and Structural Engineering</li> </ul>
2	Proceedings of the International Conference on Civil and Structural Engineering ( ICIET 17)	Dr Siti Zaiton Dr M A Akour Dr Madalina Calbureanu Dr Reza Sirjani Dr S Poonkuzhali <b>Dr T Palanisamy</b>	Canadian Arena of Applied Scientific Reasrch Ltd.Canada.	02	

**12. Patent Publication & Registration Details (12) , Granted : 04**

S.No	Patent Publication & Registration Details	Ref.: No	Status
16	<b>Palanisamy T</b> , Shruthi B S (2023) "Ultrasonic Velocity Monitoring Device for Concrete Structures"	388634-001	<b>GRANTED</b>
15	Senthilkumar V., <b>Palanisamy T</b> . (2014), " Microbialcrete Composite"	5292/CHE/2014	<b>GRANTED</b>
14	<b>Palanisamy, T</b> , Sudharsan, N (2013), 'Glasscrete Building Blocks"	5315/ CHE/2013	<b>GRANTED</b>
13	<b>Palanisamy T.</b> , Dineshkumar, G. (2012), 'Basaltcrete Building Blocks',	4959/CHE/2012	<b>GRANTED</b>
12	<b>Palanisamy T.</b> , Basil Baby, (2022) "A Pneumcapsulator Device for Preparing Bactoperl"	OMS.0065.000758/ 202241031219	Filed
11	<b>Palanisamy T.</b> , Arjun S (2022) "Pozzolan Based Battery System with Microbial Activity"	OMS.0065.000752/ 202241027415	Filed
10	<b>Palanisamy T.</b> , Ajmal Muhammed M ,(2016) "Fly Ash Artificial Aggregate ( FACA)"	CBR No. 30480 / 201641038580	Published
9	<b>Palanisamy T.</b> , Gunasekaran M ,(2016) "Light Weight Concrete Using Fly Ash and Bagasse Ash"	CBR No. 30480 / 201641038579	Published
8	<b>Palanisamy T.</b> , Vidhya K ,(2016) "Incinerator – Ash Paving Blocks ( IAPB)"	CBR No. 30480 / 201641038578	Published
7	<b>Palanisamy T.</b> , Prasanthini P , (2016) "PVA Concrete Composite Panel"	CBR No. 30480 / 201641038577	Published
6	Sudha P., <b>Palanisamy T.</b> , Selvaraj R , (2016) "Claycrete Composite Materials (CCM)"	E- 2/2823/2016CHE	Published
5	Sudha P., <b>Palanisamy T.</b> , Selvaraj R , (2016)"Clay Crete Panel(CCP)"	E- 2/2822/2016CHE	Published
4	<b>Palanisamy T</b> ., Vidhya K., (2015)., " Fabrication and Testing methods of Strain Measuring Instruments for Brick Masonry " SMIBM"	6113/CHE/2015	NOT GRANTED
3	Preetha A., <b>Palanisamy T.</b> , Southamirajan (2015)," Manuacturing process of pavement blocks via earth moist concrete"	5383 CHE/2015	Under Examination
2	Muralimohan N., <b>Palanisamy T</b> . (2014), " Hybrid Natural Coagulants"	5635/CHE/2014	Under Examination
1	<b>Palanisamy, T</b> , (2013), 'Lufacrete Panels",	5316/CHE/2013	Published

**13. Sponsored Projects (Project handled as Principal Investigator in last 4 Years) : (03)**

S.NO	Funding Agency	Title of the Project	Project Cost (Rs.)	Duration	Current Status	Remarks
4	Ministry of Textiles	"Pre-oriented carbon fibre grid for Pozzolan based Low energy power source" under NTTM	<b>32,51,600</b>	2023-2026	Granted	
3	DST - SERB	"Development of an Innovative Marine Bacteria Based Cement-Electrolyte Battery for Cathodic Protection of Reinforced Concrete as Low Power Operator"	<b>33,43,148</b>	2019 – 2020 to 2021 - 2022	Completed	<b>Patent filed : 01 Principal Investigator</b>
2	AICTE, New Delhi.	Research Promotion Scheme (RPS) "Production of innovative low cost construction materials by means of optimum particle packing technology via earth moist concrete (Ref no.:20/AICTE/RIFD/RPS (POLICY– iii) 44/2012-13 dated 13.02.2013.	<b>3,46,800</b>	2013 -2014 to 2016 – 2017 (3 Years)	Completed	<b>Patent filed : 01 Principal Investigator</b>
1	Ministry of Earth Science, New Delhi.	Development of Eco-friendly Natural Basalt Rock Fiber Concrete Composites (NBRFC) for Earthquake Resistant Structures. (RefNo:MoES/P.O.(Seismo)/1(202) /2013 – PAC dated on 28.02.2014)	<b>18,65,758</b>	2014 – 2015 to 2017 – 2018 (3 Years)	Completed	<b>Patent GRANTED : 01 Principal Investigator</b>

**14. Professional Training Received / Summer / Winter Schools attended (28)**

S.No	Year	Nature of Training	Duration	Organization where training was provided
28	30.01.2020 to 31.01.2020	National Conference on Civil Engineering "New and Effective Innovations, Technologies and Key Challenges 2020"	02 Days	Dept. of Civil Engineering, NITK Surathkal
27	11-02-2020 to 15-02-2020	STTP on "Latest Trends in structural and Construction Technology"	05 Days	NITK Surathkal
26	18.11.2019 to 22.11.2019	TEQIP III sponsored One-Week Faculty Development Programme on "Fiber Reinforced Concrete and it's Applications"	05 Days	NITK Surathkal
25	29.07.2019 to 02.08.2019	GIAN, Design of Concrete Structures Reinforced with Fiber Reinforced Polymer ( FRP) bars,	07 Days	GIAN, NITK
24	28.12.2019	One – Day Workshop on "Structural Design of Buildings Systems"	One Day	IIT Madras, Chennai.
23	10.09.2018 to 14.09.2018	GIAN, Five days advance level course on "Whole Life Management of Concrete Structures – Theory to Practice"	05 Days	GIAN, NITK

22	27.09.2017	One day National level Seminar on “ Advancement in Concrete Technology – ACT – 2017)	One Day	I.K. Gujral Punjab Technical University, Punjab State.
21	22.03.2017	National Workshop on “ Advances testing methods for Concrete”	One Day	K.S.R College of Engineering, Tiruchengode
20	16.03.2017	TEQIP – II Sponsored workshop on “ Advances in Stress Analysis & Dynamics”	2 Days	NIT Karnataka.India.
19	01.03.2017	National Workshop on Characterization of Cement Concrete ( C <sup>3</sup> – 17)	One Day	Mahendra Engineering College, Namakkal.
18	10.02.2017 to 11.02.2017	National Level Seminar on Soft Computing Techniques.	2 Days	K.S.R College of Engineering, Tiruchengode
17	05.08.2016 to 06.08.2016	1 <sup>st</sup> Workshop on Corrosion Control in Concrete Structures (C <sup>3</sup> S)	2 Days	IIT Madras, Chennai
16	26.04.2016	One day workshop on Intellectual Property Rights 2016	One Day	Center for Intellectual Property Rights – 2016. Anna University, Chennai.
15	23.11.2015 to 27.11.2015	Short Term Course under Quality Improvements programme on “ Recent Developments in Construction Technology”	5 Days	Dept. of Civil Engineering, Pondicherry Engineering College, Puducherry
14	18.09.2015	DRDO Sponsored national Seminar on “ Characterization of Multifunctional Materials for Engineering Applications”	One Day	Dept. of Civil Engineering, Mahendra Engineering College , Mallasamudharam, Namakkal
13	18.09.2015	DRDO – Sponsored National Seminar on Charactrization of Multifunctional materials for Engineering applications (MULTIMAT – 2015)	One day	Department of Civil Engineering, Mahendra Engineering College, Namakkal.
12	14.08.2015	UGC Sponsored - One day national level Workshop on Recent Advances in Construction Techniques	One day	Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore
11	20.03.2015	National Level workshop on “Blooms Taxonomy and its Assessments	One day	K.S.R College of Engineering, Tiruchengode
10	19.08.2015 to 20.08.2015	International level workshop on “Journal paper writing and preparation of winner research proposal”	2 days	K.S.R College of Engineering, Tiruchengode
9	28.02.2015	One day Workshop on “Microstructural Charactrization of Structural Concrete”	One Day	Department of Civil Engineering , PSG College of Technology, Coimbatore.
8	23.01.2015 – 24.01.2015	Two days short course on “ Introduction of Finite Element Methods and its Applications”	2 days	Department of Civil Engineering, National Institute of Technology, Tiruchirapalli.
7	10.05.2013 to 24.05.2013	Two weeks AICTE Sponsored Faculty Development Programme on “Disaster Management”, Organized by, K.S.R College of Engineering, Tiruchengode, from 10.05.2013 to 24.05.2013	Two Weeks	K.S.R College of Engineering, Tiruchengode,

6	10.05.2013 to 24.05.2013	Two weeks AICTE Sponsored Faculty Development Programme on "Disaster Management", Organized by, K.S.R College of Engineering, Tiruchengode, from 10.05.2013 to 24.05.2013	Two Weeks	K.S.R College of Engineering, Tiruchengode,
5	06.09.2013	One Day National Seminar on " Application of Geographic Information System and Remote Sensing for Environmental Science	One day	Department of Civil engineering, K.S.R College of Engineering, Tiruchengode
4	05.08.2013 – 06.08.2013	International Workshop on Construction & Demolition (C&D) Waste Recycling	2 Days	ICI, CPWD & IIT Madras, Chennai.
3	20.05.2012 – 02.06.2012	Two Weeks AICTE sponsored Staff Development Programme on " Waste to Energy"	Two Weeks	K.S.R College of Engineering, Tiruchengode
2	22.08.2012 to 24.08.2012	DRDO Sponsored three Days Workshop on " Systematic Technology Transfer for Sustainable Materials and Structures" (ST <sub>2</sub> SMS – 2012) organized by K.S.R College of Engineering, Tiruchengode, on 22 <sup>nd</sup> and 24 <sup>th</sup> August 2012.	3 days	Department of Civil Engineering, KSR College of Engineering
1	05.11.2012	CSIR Sponsored One Day National Seminar on Advancement in Concrete Technology" (NACT – 2012), K.S.R College of Engineering, Tiruchengode, India. 5 <sup>th</sup> November- 2012.	One day	Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode

## 15. Conferences / Seminars / Workshops attended

### i. International (22)

S.NO	Year	Conferences / Seminars /Workshops attended	Title of paper presented
22	01.06.2022-03.06.2022	International Conference on Structural Engineering and Construction Management (SECON – 22)	Experimental Study on Durability and Mechanical Properties of Lightweight Mortar with Encapsulated Spore Forming Bacteria
21	01.06.2022-03.06.2022	International Conference on Structural Engineering and Construction Management (SECON – 22)	Review of Various Microbial Immobilisation Methods Towards Self-Healing Application
20	01.06.2022-03.06.2022	International Conference on Structural Engineering and Construction Management (SECON – 22)	Crack Detection in Concrete Using Artificial Neural Networks
19	01.06.2022-03.06.2022	International Conference on Structural Engineering and Construction Management (SECON – 22)	Prediction of Compressive Strength and Workability Characteristics of Self-Compacting Concrete Containing Fly Ash Using Artificial Neural Network
18	01.06.2022-03.06.2022	International Conference on Structural Engineering and Construction Management (SECON – 22)	Predicting The Axial Load Carrying Capacity of Columns Reinforced With GFRP Rebars Using ANN Modelling



17	01.06.2022-03.06.2022	International Conference on Structural Engineering and Construction Management (SECON – 22)	Intelligent Modeling for Shear Strength of RC Exterior Beam-Column Joint Subjected to Seismic Loading
16	2021	CIGOS 2021, Emerging Technologies and Applications for Green Infrastructure	ANN Model for Joint Shear Strength of RC Interior Beam-Column Joint
915	25.01.2017 to 26.01.2017	International Conference on Civil and Structural Engineering ( ICIET – 17),	Influence of Strengthened Infilled wall in RC framed structure
14	25.01.207 to 26.01.2017	International Conference on Civil and Structural Engineering ( ICIET – 17),	Structural Behaviour of Beam – Column joint with Basalt fiber Reinforced concrete
13	25.01.207 to 26.01.2017	International Conference on Civil and Structural Engineering ( ICIET – 17),	Corrosion study on Fly ash based Geopolymer concrete with partial replacement of fly ash by paper sludge using impressed voltage method
12	05.05.2016 to 06.05.2016	International Conference on Innovative Engineering and Technologies ( ICIET – 16), Organized by CAASR Publishers held at Univetsiti Kebansaan Malaysia, Kuala Lumpur, Malaysia,	Study on Behaviour of Geopolymer Beam – Column Joint
11	05.05.2016 to 06.05.2016	International Conference on Civil and Structural Engineering ( ICCSE – 16), Organized by CAASR Publishers held at Univetsiti Kebansaan Malaysia, Kuala Lumpur, Malaysia,	Study on Effect of Proximity of Interfacing Building on Pressure and Velocity
10	01.03.2016 to 04.03.2016	International Conference on Materials Science & Technology at Conference Center, University of Delhi, New Delhi, India.	Experimental study on Manufacturing of Artificial Aggregate using Geo polymer Technique in Concrete.
9	06.05.2014 & 07.05.2014	8 <sup>th</sup> International Conference on “ Science, Engineering and Technology (SET)	Study on Mechanical Properties and Structural Behaviour of Recron Fiber Reinforced Concrete Members
8	18.02.2011 & 19.02.2011	International Conference on Civil, Structural and Environmental Engineering	Experimental Study on R.C. Framed with Infilled Wall under Static Loading
7	18.02.2011 & 19.02.2011	International Conference on Civil, Structural and Environmental Engineering	Wastewater Treatment by Natural Coagulants – a Review.
6	18.02.2011 & 19.02.2011	International Conference on Civil, Structural and Environmental Engineering	Corrosion Propagation Study on High Performance Concrete Specimens with, In – Situ Experimental Evaluation Technique.
5	18.02.2011 & 19.02.2011	International Conference on Civil, Structural and Environmental Engineering	Guidelines for Reconstruction of Building with Multi Hazard- a Review.
4	18.02.2011 & 19.02.2011	International Conference on Civil, Structural and Environmental Engineering	A State of Art Report on Behaviour of Shear wall for Static and Dynamic Loads using FEA.
3	15.05.2008 to 17.05.2008	International Conference on Innovations in Building Materials, Structural Designs and Construction Practices	An Experimental Study on Tensile and Flexural Strength of High Performance Concrete with Partial Replacement of Cement by Silica Fume and GGBS.

2	30.08.2007 to 01.09.2007	International Conference on Recent Developments in Structural Engineering	An experimental study on Crack Initiation and Rehabilitation of Channel Section with Welding
1	30.08.2007 to 01.09.2007	International Conference on Recent Developments in Structural Engineering	Corrosion effect of High Performance Concrete with Partial Replacement of Cement by Silica Fume and GGBS.

**ii). National Level (28)**

S.No	Year	Conferences / Seminars /Workshops attended	Title of paper presented
28	09.03.2017	Second National Conference on Modern & Emerging Trends in Infrastructure Development for Sustainability, Organized by Dept. of Civil Engineering, Mahindra Engineering College, Namakkal. On 09.03.2017	A Novel Concrete Made with Waste Papers
27	09.03.2017	Second National Conference on Modern & Emerging Trends in Infrastructure Development for Sustainability, Organized by Dept. of Civil Engineering, Mahindra Engineering College, Namakkal. On 09.03.2017	Role of Polyethylene Therephthalate in bricks
26	09.03.2017	Second National Conference on Modern & Emerging Trends in Infrastructure Development for Sustainability, Organized by Dept. of Civil Engineering, Mahindra Engineering College, Namakkal. On 09.03.2017	Open Source Software for computational fluid dynamics
25	09.03.2017	Second National Conference on Modern & Emerging Trends in Infrastructure Development for Sustainability, Organized by Dept. of Civil Engineering, Mahindra Engineering College, Namakkal. On 09.03.2017	Persuade of Fly ash and Bagasse ash on the Mechanical Characteristics of light weight concrete
24	09.03.2017	Second National Conference on Modern & Emerging Trends in Infrastructure Development for Sustainability, Organized by Dept. of Civil Engineering, Mahindra Engineering College, Namakkal. On 09.03.2017	Fly ash artificial Coarse Aggregate (FACA) for Sustainable Eco – Friendly Concrete.
23	11.03.2016	NABARD Sponsored national Conference on “ Innovative Research in Biotechnology and Engineering for Public Health (IRBEP – 2016)	Innovative Manufacturing Techniques of I – Bricks.
22	31.03.2016	National Conference on “ Desogn, Materials, Manufacturing and Construction Technologies” at NSN Engineering College, Karur.	A Study on Pond and Fly ash an Opportunity for sustainable and Economical Brick
21	21.04.2016	Fourth National Conference on “ Trendy and Sustainable Development in Civil Engineering” at KSR College of Engineering, Organized by Department of Civil Engineering.	Experimental Investigation on Engineered Cementitious Composites Using Polypropylene Fiber
20	21.04.2016	Fourth National Conference on “ Trendy and Sustainable Development in Civil Engineering” at KSR College of Engineering, Organized by Department of Civil Engineering.	Feasibility of Using waste Glass Powder in Fly Ash Bricks

19	21.04.2016	Fourth National Conference on “ Trendy and Sustainable Development in Civil Engineering” at KSR College of Engineering, Organized by Department of Civil Engineering.	Experimental Study on Structural Behavior of Low Cost Light Weight Slab panel for roofing
18	21.04.2016	Fourth National Conference on “ Trendy and Sustainable Development in Civil Engineering” at KSR College of Engineering, Organized by Department of Civil Engineering.	Structural Behavior of Geopolymer Aggregate Concrete in Beam – Column Joint
17	21.04.2016	Fourth National Conference on “ Trendy and Sustainable Development in Civil Engineering” at KSR College of Engineering, Organized by Department of Civil Engineering.	A Review on Geopolymer Concrete Frame
16	08.04.2015	National Conference on Advancements in Structural Environmental & Geotechnical Engineering for Sustainable Development.	Effects of Workability in Light weight concrete using mineral Admixtures.
15	21.03.2014	National Level conference on recent and advanced trends in Civil Engineering	Experimental Study on Manufacturing of artificial Aggregate using Geopolymer
14	03.05.2014	National Level conference on Trendy and sustainable development in Civil Engineering	Study on Geopolymer Coatings for evaluation of corrosion protection of steel reinforcements in RCC structures.
13	18.04.2013 & 19.04.2013	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’13)	Experimental investigation of Polyvinyl Alcohol Fiber in Mortar
12	18.04.2013 & 19.04.2013	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’13)	Strength characteristics of Recron Fiber Reinforced Concrete using NDT
11	18.04.2013 & 19.04.2013	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Corrosion Propagation Study on High Performance Concrete Specimens with, In – Situ Experimental Evaluation
10	18.04.2013 & 19.04.2013	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Performance of Waste Glass Powder in Concrete
9	18.04.2013 & 19.04.2013	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Hybrid Fiber Reinforced Concrete- A Review
8	18.04.2013 & 19.04.2013	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Basalt Fiber Reinforced Concrete- a Review
7	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Investigation on Dynamic Behaviour of Castellated Beam
6	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Effect of Mechanical Properties on Polyester Fibers in Concrete Composites
5	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Experimental investigation of Hybrid Fiber in Concrete

4	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Estimation of Dynamic Forces on the Structures with Multi Hazard
3	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Strength Development of Natural Fiber Reinforced Concrete Composites
2	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Performance Evaluation of Polypropylene Fiber in Cementitious Composites
1	19.04.2012 & 20.04.2012	National Conference on Advances in Concrete and Construction Technology	Study and Characterisation of Foam Concrete

### 17. Industrial Experience / Interaction

Organization	Nature of work	Period
Design wise, Engineers & Architects , Perundurai.	Project Engineer	01.06.2002 to 24.11.2002
Design wise, Engineers & Architects , Perundurai.	Site Engineer	28.04.2000 to 31.12.2000

### 18. Continuing Education Programmes /Short Term Courses/Workshops/Seminars etc. organized : (14)

S.NO	Title of Programme	Period	Funding Agency
15	Two Days Workshop on Non- Destructive Testing Techniques and repair Material Characterisation NRMCC – 22 organized by Dept. of Civil Engineering, National Institute of Technology Karnataka, Surathkal.	03.11.2022 – 04.11.2022	DEST-SERB (SSR Scheme)
14	One Week International Workshop on Durability of Concrete (IWODOC – 2020) Date: 26th Oct – 30th Oct, 2020, Sponsored by ICI, ICJ, ISTE Mangalore Local center, Dept. of civil Engg, NITK	26.10.2020-30.10.2020	NITK
13	STTP on “Latest Trends in structural and Construction Technology”	11-02-2020-15-02-2020	NITK
12	One-Week Faculty Development Programme on “Fiber Reinforced Concrete and it's Applications” Sponsored by TEQIP, NITK	18.11.2019 – 22.11.2019	NITK
11	Expert Lecture on “Contemporary Challenges and Issues in Offshore Structures”	19.09.2019	NITK
10	Expert Lecture on “Electro-Chemical Techniques in Concrete Technology”	12.09.2019	NITK
9	Expert lecture on “Chloride Removal and Electro-Kinetics in Concrete”	28.05.2019	NITK
8	One day National Seminar on “ Advancement in Concrete Technology “ Organized by Department of Civil engineering, I.K.Gurjal Punjab Technical University, Punjab, India.	27.09.2017	IKGPTU
7	One day National Level workshop on “Advanced Testing Methods for Concrete” organized by K.S.R College of Engineering, Tiruchengode, on 22.03.2017.	22.03.2017	KSRCE
6	One Day Seminar “ Patent Filing in India and Other Countries” organized by K.S.R College of Engineering, Tiruchengode, on 08.08.2016.	08.08.2016.	KSRCE
5	Two Days international Level workshop on “ Journal Paper writing and Preparation of winner research proposal” Office of the Controller of the Examinations, K.S.R College of Engineering, Tiruchengode, on 19.08.2015 & 20.08.2015.	19.08.2015 & 20.08.2015	KSRCE

4	One day National level workshop on “ Blooms Taxonomy and Its Assessments” 9Organized by, Office of the Controller of the Examinations, K.S.R College of Engineering, Tiruchengode, on 20.03.2015	20.03.2015	KSRCE
3	Two weeks AICTE Sponsored Faculty Development Programmee on “Disaster 8Management”, Organized by, K.S.R College of Engineering, Tiruchengode, from 10.05.2013 to 24.05.2013	10.05.2013 to 24.05.2013 (Two Weeks)	AICTE, New Delhi
2	CSIR Sponsored One Day National Seminar on Advancement in Concrete 7Technology” (NACT – 2012), K.S.R College of Engineering, Tiruchengode, India. 5 <sup>th</sup> November- 2012.	5 <sup>th</sup> November- 2012.	CSIR, New Delhi
1	DRDO Sponsored three Days Workshop on “ Systematic Technology Transfer for Sustainable Materials and Structures” (ST <sub>2</sub> SMS <sub>nd</sub> and 24– 2012) <sup>th</sup> August 2012. organized by K.S.R College of Engineering, Tiruchengode, on 22	22 <sup>nd</sup> and 24 <sup>th</sup> August 2012.	DRDO, New Delhi

**19. Experience in Administrative Positions, Curriculum and Lab Development, Student Welfare, Professional and Outreach Activities:**

Sl. No.	Responsibility Held	Duration
24	Faculty-In-Charge - Institute Guest House	2022
23	Faculty-In-Charge - Estate & Works	2022
22	Block Warden – Hostel (First Block)	2021-2023
21	Faculty-In-Charge - Civil Engg., NBA - PG (Structural Engg...)	2021-2023
20	Secretary - Civil Engg - DRPC	2021-2023
19	Faculty Advisor - Civil Engg (PG - Structural Engineering)	2020-2022
18	Coordinator-Civil Engg - Heavy Structural Engineering Lab	2020-2024
17	Dept. Civil Engg - diamond jubilee - committee member	2019
16	Civil Engg Dept - Alumni coordinator for PG	2019-2021
15	Civil Engg. Dept - Website updation coordinator	2018-2021
14	Furniture Purchase committee coordinator for department	2019-2021
13	Civil Engg Dept. First year Induction programme coordinator	2018-2020
12	Institute Level Committee Member - Civil Engg Dept. - Ring Presentation Ceremony coordinator	2020-2021
11	Institute Level Committee Member – Civil Engineering Dept. – First Year Admission	2019-2020
10	Time table committee member – Institute level	2019-2020
9	PI of Bio – Concrete Lab (Lab established by Dr. T. PALANISAMY)	2019 to Till Date
8	Structural Engineering Lab in Charge ( NITK)	2018 to Till Date
7	Head of the Department of Architecture	13.07.2017 to 18.06.2018
6	Board of Studies Member (BoS) for Vivakanantha College of Engineering for Women	2013 – 2014 to 2015 - 2016
5	Board of Studies Member (BoS) for Anna University	2013 - 2014 to 2016 - 2017

4	Controller of Examinations (COE) for Autonomous System	25.11.2012 to 16.06.2017
3	Structural Engineering Lab in Charge	2009 to 16.06.2017
2	Doctoral Committee Member for Anna University	2009 to Till date
1	Class Committee Chair Person	2002 - 2009

## 20. Awards and Recognitions (07)

S.No	Brief Achievements	Award by	Year
7	<b>“Vishwakarma Award – 2018”</b> , Construction Industry Development Council (CIDC), Planning Commission of India, New Delhi.	Planning Commission of India, New Delhi	2018
6	<b>“ Shri P K Das memorial Best Faculty Award” in Civil Engineering</b>	Nehru Group of Institutions, Tamilnadu & Kerala.	2016
5	<b>“Outstanding Young Concrete Engineer”</b> award in the files of Concrete technology.	Indian Concrete Institute, India & Ultra Tech Cements.	2016
4	<b>“ Dr. A.P. J. Abdul Kalam Gold Medal Award – 2015 for Engineering Education”</b> , Universal Achievers Foundation, New Delhi. 15.10.2015	Universal Achievers Foundation, New Delhi	2015
3	<b>“ Bharat Ratana Mother Teresa Gold Medal Award – 2014 for Education”</b> , By Global Economic Progress & Research Association at Bangalore.	Global Economic Progress & Research Association , Bangalore	2014
2	<b>“ Indra Priyadarshini Gold medal Award 2015</b>	Golbal Economic Progress & Research Association , Bangalore	2015
1	<b>“ Bhart Shiksha Ratan Award”</b> by Global Society for Health & Educational, New Delhi. – 110051.	Global Society for Health & Educational, New Delhi. – 110051.	2014

## 20. JOURNAL PUBLICATIONS (SCI/SCOPUS Indexed Papers only ) i. List of Journal Publications outside Ph.D. Thesis: (29)

Sl. No	Author(s)	Title of the Paper	Name of the Journal	Volume, Pages, DOI	Year
29	Arjun Sundaramoorthi, Palanisamy Thangaraj	A comprehensive review on cement-based batteries and their performance parameters	Journal of Engineering and Applied Science	(2023) 70:39 pp 1-17, DOI:10.1186/s44147-023-00213-9	2023
28	S. Balasubramanian, T. Palanisamy, S. Senthilkumar	Comparative analysis of strength behaviours on concrete frames under severe earthquake loads	Journal of Environmental Protection and Ecology	24, No 3, 874–887 (2023)	2023
27	Dineshkumar, G., Palanisamy, T.	Influence of basalt fiber on the behavior of beam - column joint under cyclic loading	Materials Today: Proceedings,	10.1016/j.matpr.2023.04.232	2023
26	Alagundi, S., Palanisamy, T.	Neural network prediction of joint shear strength of	Structures	37, pp. 1002-1018. DOI: 10.1016/j.istruc.2022.01.013	2022

		exterior beam-column joint			
25	Gunasekaran, M., Palanisamy, T.	Impact of fly ash and bagasse ash on durability performance of lightweight concrete with the experimental study	Cement, Wapno, Beton,	27 (5), pp. 353-368, DOI: 10.32047/CWB.2022.27.5.5	2022
24	Gunasekaran, M., Palanisamy, T.	Effect of fly ash and bagasse ash on the mechanical properties of light weight concrete	Cement, Wapno, Beton,	27 (2), pp. 72-101, DOI: 10.32047/CWB.2022.27.2.1	2022
23	Senthamilselvi, P., Palanisamy, T., Senthilkumar, S.	Effect of Chloride on Accelerated Corrosion of Steel Rebar in Alkali-Activated Fly Ash and Paper Sludge Ash– Reinforced Concrete	International Journal of Electrochemical Science,	17, art. no. 221298, DOI: 10.20964/2022.12.101	2022
22	Muhammed, A., Thangaraju, P., Shanmugamoorthy, S.	Assessment on durability of lightweight concrete using alkali modified fly ash based atrificial coarse aggregate (FACA)	International Journal of Coal Preparation and Utilization	DOI: 10.1080/19392699.2022.2139248	2022
21	Muhammed, A., Thangaraju, P	Experimental Investigation on FACA and FACACRETE — An Innovative Building Materia	KSCE Journal of Civil Engineering	23 (11), pp. 4758-4770, DOI: 10.1007/s12205-019-0046-x	2019
20	Jagadeesan, P., Palanisamy, T	Study on performance of infilled wall in RC framed structure using basalt fibre in cement mortar	Journal of Structural Engineering (India)	45 (6), pp. 512-519	2019
19	Senthamilselvi, P., Palanisamy, T	Flexural behaviour of reinforced Fly Ash and Paper Sludge Ash-based geopolymer concrete beams	Journal of Structural Engineering (India)	45 (2), pp. 201-209	2018
18	Senthamilselvi, P., Palanisamy, T	Experimental and analytical study on flexural behaviour of fly ash and paper sludge ash based geopolymer concrete	Computers and Concrete	21 (2), pp. 157-166, DOI: 10.12989/cac.2018.21.2.157	2018
17	Sudharsan, N., Palanisamy, T., Yaragal, S.C	Environmental sustainability of waste glass as a valuable construction material - A critical review	Ecology, Environment and Conservation	24, pp. S331-S338,	2018
16	Sudharsan, N., Palanisamy, T.	A comprehensive study on potential use of waste materials in brick for sustainable development	Ecology, Environment and Conservation	24, pp. S339-S343	2018

15	Pachamuthu, S., Thangaraju, P	Effect of incinerated paper sludge ash on fly ash-based geopolymer concrete	Gradjevinar	69 (9), pp. 851-859, DOI: 10.14256/JCE.1864.2016	2017
14	Palanivelu, R., Rajendran, V., Dhineshababu, N.R., Palanisamy, T., Balasubramanian, S	Comparative Study of Addition of Amorphous Nanosilica Particles with Different Grades of Cement Mortar	International Journal of Applied Ceramic Technology	12, pp. E14-E22, DOI: 10.1111/ijac.12349	2015
13	Jagadeesan, P., Palanisamy, T	Structural response of RC frame with Infilled wall using confinement	Journal of Structural Engineering (India)	42 (4), pp. 341-347.	2015
12	Senthilkumar, V., Vijayakumar, V.N., Palanisamy, T	Strength characteristics of microbial cement mortars treated in different calcium sources	Advances in Cement Research	, 27 (5), pp. 289-296, DOI: 10.1680/adcr.14.00002	2015
11	Sudha, P., Selvaraj, R., Palanisamy, T	Experimental studies on cement mortar for partial replacement of cement by chemically activated clay	International Journal of Earth Sciences and Engineering	8 (5), pp. 2038-2044,	2015
10	Jagadeesan, P., Palanisamy, T	Non-linear pushover analysis of RC frame under static lateral loading	International Journal of Earth Sciences and Engineering	8 (4), pp. 1699-1704.	2015
09	Jagadeesan, P., Palanisamy, T	Strengthening of brick masonry using basalt fiber reinforced cement mortar	International Journal of ChemTech Research	8 (10), art. no. A014, pp. 102-108	2015
08	Sudha, P., Selvaraj, R., Palanisamy, T	Intensification of calcined clay as a pozzolanic material in cement morta	International Journal of Applied Engineering Research	10 (15), pp. 35640-35644	2015
07	Senthilkumar, V., Palanisamy, T., Vijayakumar, V.N	Enrichment of compressive strength in microbial cement mortar	Advances in Cement Research	26 (6), pp. 353-360, DOI: 10.1680/adcr.13.00053	2014
06	Palanisamy, T., Dineshkumar, G	Performance evaluation and structural behavior of basalt fiber reinforced concrete	International Journal of Earth Sciences and Engineering	, 7 (2), pp. 744-749,	2014
05	Senthilkumar, V., Palanisamy, T., Vijayakumar, V.N	Fortification of compressive strength in Enterococcus microorganism incorporated microbial cement mortar	International Journal of ChemTech Research	6 (1), pp. 636-644	2014
04	Senthilkumar, V., Palanisamy, T., Vijayakumar, V.N	Comparative studies on strength characteristics of microbial cement mortars	International Journal of ChemTech Research,	6 (1), pp. 578-590	2014



03	Muralimohan, N., Palanisamy, T	Treatment of textile effluent by natural coagulants in erode distric	Asian Journal of Chemistry	26 (3), art. no. 16201, pp. 911-914, DOI: 10.14233/ajchem.2014.16201	2014
02	Palanisamy, T., Dineskumar, G., Shalini, A	Performance evaluation and investigation on mechanical properties of polyester fiber reinforced concrete	Journal of Structural Engineering (India)	40 (4), pp. 420-425	2013
01	Palanisamy, T., Prabu, B.	Structural behaviour of di-blended fibre reinforced concrete slab pane	Journal of Structural Engineering (India)	40 (5), pp. 449-456.	2013

## 21. List of Conference Publications

### (a). International Conference Publication with ISBN Number: (19)

S.No	Title of the Paper	Title of the Conference	Organised by	Duration	Page no	No. Of Days	Sponsored by
19	ANN Model for Joint Shear Strength of RC Interior Beam-Column Joint	CIGOS 2021, Emerging Technologies and Applications for Green Infrastructure	Association of Vietnamese Scientists and Experts (AVSE Global) and the University of Transport Technology (UTT) in scientific collaboration with the National University of Civil Engineering (NUCE)	28.10.2021 – 29.10.2021	(2022), Lecture Notes in Civil Engineering Vol 23, PISSN: 23662557	02	STECHCO, Canada
18	Influence of Strengthened Infilled wall in RC framed structure	International Conference on Civil and Structural Engineering ( ICIET – 17),	Organized by Canadian Arena of Applied Scientific Research, Canada, held at Dubai, UAE.	25.01.207 – 26.01.2017	1 – 14 ISBN : 978 – 0 – 9948937 – 5 – 8	02	Canadian Arena of Applied Scientific Research, Canada,
17	Structural Behaviour of Beam – Column joint with Basalt fiber Reinforced concrete	International Conference on Civil and Structural Engineering ( ICIET – 17),	Organized by Canadian Arena of Applied Scientific Research, Canada, held at Dubai, UAE.	25.01.207 – 26.01.2017	15 – 22 ISBN : 978 – 0 – 9948937 – 5 – 8	02	Canadian Arena of Applied Scientific Research, Canada,
16	Corrosion study on Fly ash based Geopolymer concrete with partial	International Conference on Civil and Structural Engineering ( ICIET – 17),	Organized by Canadian Arena of Applied Scientific Research, Canada, held at Dubai, UAE.	25.01.207 – 26.01.2017	23 - 36 ISBN : 978 – 0 – 9948937 – 5 – 8	02	Canadian Arena of Applied Scientific

	replacement of fly ash by paper sludge using impressed voltage method						Research, Canada,
15	Study on Behaviour of Geopolymer Beam – Column Joint	International Conference on Innovative Engineering and Technologies (ICIET – 16),	Organized by CAASR Publishers held at Univetsiti Kebansaan Malaysia, Kuala Lumpur, Malaysia,	05.05.2016 to 06.05.2016	152 - 168 ISBN 978 – 0 – 9948937 – 4 - 1	02	Univetsiti Kebansaan Malaysia,
14	Study on Effect of Proximity of Interfacing Building on Pressure and Velocity	International Conference on Civil and Structural Engineering (ICCSE – 16),	Organized by CAASR Publishers held at Univetsiti Kebansaan Malaysia, Kuala Lumpur, Malaysia,	05.05.2016 to 06.05.2016	14 – 26 ISBN 978 – 0 – 9948937 – 4 - 1		Univetsiti Kebansaan Malaysia,
13	Experimental study on Manufacturing of Artificial Aggregate using Geo polymer Technique in Concrete.	International Conference on Materials Science & Technology	Conference Center, University of Delhi, New Delhi, India.	01.03.2016 to 04.03.2016	DOI: 10.5185/icmtech.2016 ISBN: 978 – 91 – 8825 – 01 – 2.	04	Published by VBRI Press in 2016
12	Study on Mechanical Properties and Structural Behaviour of Recron Fiber Reinforced Concrete Members	8th International Conference on “ Science, Engineering and Technology (SET)	Department of Civil Engineering, VIT University, Vellure	-	-	-	-
11	Experimental Study on R.C. Framed with Infilled Wall under Static Loading	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	234-239 ISBN 978-93-80697-63-5	02	AICTE
10	Wastewater Treatment by Natural Coagulants – a Review.	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	740-742 ISBN 978-93-80697-63-5	02	AICTE
9	Overview of Bacterial Concrete	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	144-146 ISBN 978-93-80697-63-5	02	AICTE

8	Corrosion Propagation Study on High Performance Concrete Specimens with, In – Situ Experimental Evaluation Technique.	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	33-39 ISBN 978-93-80697-63-5	02	AICTE
7	Guidelines for Reconstruction of Building with Multi Hazard- a Review.	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	453-458 ISBN 978-93-80697-63-5	02	AICTE
6	Alkali Activated Al & Si Rich sources based Geopolymer : A review about current state	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	429 – 439 ISBN 978-93-80697-63-5	02	AICTE
5	A State of Art Report on Behaviour of Shear wall for Static and Dynamic Loads using FEA.	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	508-513 ISBN 978-93-80697-63-5	02	AICTE
4	Experimental study on Castellated Beam Chassis and with static loading	International Conference on Civil, Structural and Environmental Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.02.2011 & 19.02.2011	597-599 513 ISBN 978-93-80697-63-5	02	AICTE
3	Structural Behaviour of Fibre Reinforced Concrete Slab Panel Using Natural Fibre	International Conference on Advances in Construction, Manufacturing and Automation Research	Kong Engineering College , Prenduri	30.03.2012 & 31.03.2012	101 - 105	02	AICTE
2	An experimental study on Crack Initiation and Rehabilitation of Channel Section with Welding	International Conference on Recent Developments in Structural Engineering	Department of Civil Engineering, Manipal Institute of Technology, Manipal.	30.08.2007 to 01.09.2007	1497-1499	03	Manipal Institute of Technology
1	Corrosion effect of High Performance Concrete with Partial	International Conference on Recent Developments in Structural Engineering	Department of Civil Engineering, Manipal Institute of Technology, Manipal.	30.08.2007 to 01.09.2007	994- 1001	03	

	Replacement of Cement by Silica Fume and GGBS.						
<b>Total No of Days :</b>						<b>38</b>	
<b>Total No Papers :</b>						<b>19</b>	

**(b). National Conference Publications (29)**

S.No	Title of the Paper	Title of the Conference	Organized by	Duration	Participated/ Presented	Page No	No. of Days	Sponsored by
29	Reinforced Concrete by using Sisal Fiber with M-Sand as Fine Aggregate	Sustainable Materials and Smart Practices - NCSMSP-2021		17.12.2021 – 18.12.2021	Presented	76-82	02	
28	Experimental Analysis of Glass Fibre in Concrete	Sustainable Materials and Smart Practices - NCSMSP-2021		17.12.2021 – 18.12.2021	Presented	76-82	02	
27	Evaluation of Mechanical Properties on Light Weight Concrete by using Silica Fume with M-Sand	Sustainable Materials and Smart Practices - NCSMSP-2021		17.12.2021 – 18.12.2021	Presented	76-82	02	
26	Study on Geopolymer Coatings for evaluation of corrosion protection of steel reinforcements in RCC structures.	National Conference on Civil Engineering, “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	03.05.2014	Presented	59-65	01	AICTE
25	Experimental investigation of Polyvinyl Alcohol Fiber in Mortar	National Conference on Civil Engineering, “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.04.2013 & 19.04.2013	Presented	98-100	02	AICTE
24	Strength characteristics of Recron Fiber Reinforced Concrete using NDT	National Conference on Civil Engineering, “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.04.2013 & 19.04.2013	Presented	101-107	02	AICTE
23	Corrosion Propagation Study on High Performance	National	Department of Civil Engineering,		Presented	30-35	02	AICTE

	Concrete Specimens with, In – Situ Experimental Evaluation	Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	K.S.R. College of Engineering, Tiruchengode.	18.04.2013 & 19.04.2013					
22	Performance of Waste Glass Powder in Concrete	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.04.2013 & 19.04.2013	Presented	203-206	02		AICTE
21	Hybrid Fiber Reinforced Concrete- A Review	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.04.2013 & 19.04.2013	Presented	134-139	02		AICTE
20	Basalt Fiber Reinforced Concrete- a Review	National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE’14)	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	18.04.2013 & 19.04.2013	Presented	159-163	02		AICTE
19	Investigation on Dynamic Behaviour of Castellated Beam	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	392 - 397	02		CSIR
18	Effect of Mechanical Properties on Polyester Fibers in Concrete Composites	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	194-200	02		CSIR
17	Experimental investigation of Hybrid Fiber in Concrete	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	201-205	02		CSIR
16	Estimation of Dynamic Forces on the Structures with Multi Hazard	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	55-59	02		CSIR

15	Strength Development of Natural Fiber Reinforced Concrete Composites	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	189-193	02	CSIR
14	Performance Evaluation of Polypropylene Fiber in Cementitious Composites	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	184 - 188	02	CSIR
13	Study and Characterisation of Foam Concrete	National Conference on Advances in Concrete Construction Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	19.04.2012 & 20.04.2012	Presented	111-115	02	CSIR
12	Investigation and Characteristics Study of Nanocements in Concrete – A Review	National Conference on Advancement in Concrete Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	23.09.2010 & 24.09.2010	Participated / Presented	245-248	02	AICTE
11	A State of Art on Nano Fiber Concrete Composites	National Conference on Advancement in Concrete Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	23.09.2010 & 24.09.2010	Participated / Presented	269-272	02	AICTE
10	Comparison on Effects of Temperature in Sugarcane Bagasse Ash as a Partial Replacement of Cement in Concrete Composites – A Review	National Conference on Advancement in Concrete Technology	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode.	23.09.2010 & 24.09.2010	Presented	124-127	02	AICTE
9	Propagation and Performance Evaluation of high performance Concrete Elements with Corrosion Environment	National Conference on Emerging Trends in Civil Engineering - 2010	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	23.02.2010	Presented	138-145	01	AICTE
8	Sugarcane Bagasse Ash as a Cement Replacement material in Cement Concrete	National Conference on Emerging Trends in Civil Engineering - 2010	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	23.02.2010	Presented	180-183	01	AICTE

7	Experimental Study on Seismic Behaviour of Square Panel under Static Diagonal Loading	National Conference on Emerging Trends in Civil Engineering - 2010	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	23.02.2010	Presented	103-110	01	AICTE
6	Investigation on Shear Wall for Static and Dynamic Loads – A Review	National Conference on Emerging Trends in Civil Engineering - 2010	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	23.02.2010	Presented	312-318	01	AICTE
5	Natural Coagulant Moringa Oliefera	National Conference on Emerging Trends in Civil Engineering - 2010	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	23.02.2010	Presented	192-198	01	AICTE
4	Experimental Study on Composite Encased Beam Elements	National Conference on Contemporary Challenges & Pioneering Technologies in Civil Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	17.05.2010 & 18.05.2010	Presented	188-194	02	CSIR
3	Experimental Study on Load Deflection Curve of Open Web Encased Beam	National Conference on Contemporary Challenges & Pioneering Technologies in Civil Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	17.05.2010 & 18.05.2010	Presented	182-187	02	CSIR
2	A State of the Art Report on investigation of Shear wall for Static and Dynamic Loads	National Conference on Contemporary Challenges & Pioneering Technologies in Civil Engineering	Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode	17.05.2010 & 18.05.2010	Presented	214-217	02	CSIR
1	Strength Development of High Strength Concrete with Partial Replacement of Cement by Silica Fume and GGBS	TEQIP – Sponsored National Conference on Recent Developments in Concrete	Department of Civil Engineering, Government College of Technology, Coimbatore.	21.12.2006 & 22.12.2006	Participated and Presented	389-396	02	TEQIP
<b>Total No of Papers Published:</b>						<b>29</b>		
<b>Total No of Days Participated :</b>						<b>52</b>		

## 22. R & D Details

### (i). Ph. D Guided (11)/ Guiding (6)

S. No.	Name of Student	Year of completion/ registration	Title of the Thesis	Status (Completed/ Ongoing)	Principal Guide & Co-Guide if any
18	Mr. Sagar darur	2023	-	Ongoing	Principal Guide
17	Mrs. Shruthi B S	2022	-	Ongoing	Principal Guide

16	Mr. Anoop P P	2022	Biochar incorporated BioConcrete	Ongoing	Principal Guide
15	Ms. Niveditha M	Aug 2021	Manufacture of ferrock for carbon-negative concrete	Ongoing	Principal Guide
14	Ms. Preeti Chaudhary	Aug 2021	Characterization Of Microbially Induced Calcite Precipitate Polymorphs In Cementitious Composite	Ongoing	Principal Guide
13	Mr. Arjun S	Aug 2021	Characterization Of Pore Solution And Correlation To The Cement Based System Performance	Ongoing	Principal Guide
12	Mr. Basil Baby	Aug 2019	Development of an Innovative Bio-Mortar for Enhancing Durability of Concrete Structures	Ongoing	Principal Guide
11	Dr. Senthamilselvi P	Jan 2021/ Jan 2010	An experimental investigation on properties of fly Ash based geopolymers concrete incorporated with Paper sludge ash	Completed	Principal Guide with Joint Supervisor
10	Dr. PRASANTHNI P	March 2019/ Jan 2010	Strengthening of Reinforced Concrete Beam with Polyvinyl Alcohol Cementitious Composites and Basalt Fiber Fabric	Completed	Principal Guide
9	Dr. B.PRIYA	Dec 2018/ Jan 2010	Effect of hybrid fiber Reinforcement on the Structural Behaviour of beam and Beam – column joint	Completed	Principal Guide
8	Dr. M. Gunasekaran	July - 2017/ Jan - 2012	Light weight concrete	Completed	Principal Guide
7	Dr. N. Sudharsan	May -2017 / June-2011	Experimental Study on Strength and Durability Properties of Glass powder in Brick and Brick Masonry	Completed	Principal Guide
6	Dr. P. Sudha	June -2017 / October-2009	Study on Strength and Durability Characteristics of Treated and Un treated Clay with cement Mortar	Completed	Principal Guide with Joint Supervisor
5	Dr. Ajmal Muhammed	March 2016/ Jan 2021	Experimental study on alkali-modified fly ash coarse aggregate in Structural concrete	Completed	Principal Guide with Joint Supervisor
4	Dr. P. Jagadeesan	November-2015/ October - 2009	Study on the strengthened infilled RC frame Structure using Basalt fibre reinforced cement mortar	Completed	Principal Guide
3	Dr. Senthil Kumar V	October -2014/ July - 2010	Experimental studies on strength and durability characteristics of cement mortar embedded with bacterial species.	Completed	Principal Guide
2	Dr. Muralimohan N	December- 2014/ July - 2010	Feasibility studies on tri – blended natural coagulants for	Completed	Principal Guide



			the treatment of textile mill effluent		
1	Dr. Dineshkumar G	August -2014/ October - 2009	Study on strength characteristics and structural behavior of polyester and basalt fiber reinforced concrete	Completed	Principal Guide

**(iii M.Tech (R) Project Guided (2)**

S.No.	REGISTER NO.	NAME	TITLE OF PROJECT	MONTH AND YEAR OF COMPLETION
2	202ST003	BOKADE SWAPNIL TRIMBAK	SHEAR STRENGTH OF RC EXTERIOR BEAM - COLUMN JOINTS : AN AUTOMATED ENSEMBLE LEARNING APPROACH WITH SENSITIVITY ANALYSIS	JULY 2022
1	193ST003	SHREYAS ALAGUNDI	MODEL FOR JOINT SHEAR STRENGTH OF RC BEAM-COLUMN JOINT SUBJECTED TO SEISMIC LOADING	JUNE 2021

**(iii). M.E/ M.Tech Project Guided (27)**

S.No.	REGISTER NO.	NAME	TITLE OF PROJECT	MONTH AND YEAR OF COMPLETION
27	202ST003	AMBATI VAMSI	SEISMIC ANALYSIS OF A PSC I GIRDER BRIDGE USING NONLINEAR STATIC METHOD	JUNE 2022
26	202ST019	NITESH NETAM	PREDICATION OF COMPRESSIVE STRENGTH AND WORKABILITY CHARACTERISTICS OF SELF – COMPACTING CONCRETE CONTAINING FLY ASH USING ARTIFICIAL NEURAL NETWORK	JUNE 2022
25	202ST011	GONTUPULUGU SUMESH MANOHAR	PREDICTING THE AXIAL LOAD CARRING CAPACITY OF COLUMNS REINFORCED WITH GFRP REBARS USING ANN MODELING	JUNE 2022
24	202ST022	BANOTH PRAVEEN KUMAR	NON - LINEAR STATIC ANALYSIS OF PRESTRESSED CONCRETE BRIDGE	JUNE 2022
23	202CM004	AKSHAY J P	EXPERIMENTAL STUDY ON DURABILITY AND MECHANICAL PROPERTIES OF LIGHTWEIGHT MORTAR WITH ENCAPSULATED SPORE FORMING BACTERIA	JUNE 2022
22	192ST002	AMAR BALBHEEM M	BEHAVIOUR OF STRUCTURES UNDER AXIALLY VARYING LOADS USING SHEAR AND NORMAL DEFORMATION THEORY AND RITZ METHOD	JUNE 2021
21	192ST019	NAIKELE RUSHABH GANESH	STUDY ON BEHAVIOR OF EXTERNALLY BONDED RC RECTANGULAR BEAMS USING BFRP SHEETS	JUNE 2021
20	192ST028	VUNDELA VENKATASATISH REDDY	STUDY ON BEHAVIOR OF EXTERNALLY BONDED RC RECTANGULAR BEAMS USING CFRP SHEETS	JUNE 2021
19	182ST005	ASHWANI KUMAR	REINFORCED CONCRETE RECTANGULAR BEAM BY USING FIBRE REINFORCED POLYMER REBAR	JUNE 2020
18	182ST020	RAJAT THAPLIYAL	STRENGTHENING OF REINFORCED CONCRETE RECTANGULAR BEAM BY USING BASALT FIBER REINFORCED POLYMER SHEETS	JUNE 2020
17	182ST010	DAVULURI PREMA KUMAR	STRENGTHENING OF REINFORCED CONCRETE RECTANGULAR BEAM BY USING CARBON FIBER REINFORCED POLYMER SHEETS	JUNE 2020
16	182ST014	KEERTHI V T	STRENGTHENING OF RC RECTANGULAR BEAM BY USING GLASS FIBER REINFORCED POLYMER SHEETS	MAY 2020

15	172ST027	YARRABOTHULA ASHOK	Finite Element Modeling and analysis of RC Joint in ABAQUS by Strengthening with Polypropylene fiber under seismic lading	MAY 2019
14	172ST005	HARITHA A	FEA for Shear Strengthening of Beam - Column Joint Under Cyclic Loading by Innovative Material	MAY 2019
13	172ST004	HARISH P PATIL	FINITE ELEMENT MODELLING APPROACH FOR RC BEAM - COLUMN JOINTS STRENGTHENED BY GLASS FIBRE UNDER CYCLIC LOADING	MAY 2019
12	1438011	SATHEESHKUMAR P	STRUCTURAL BEHAVIOUR OF GEOPOLYMER AGGREGATE CONCRETE IN BEAM-COLUMN JOINT	MAY 2016
11	1438012	SATHYAPRASANTH V	STRUCTURAL BEHAVIOR OF GEOPLYMER CONCRETE FRAME BY CYCLIC LOADING	MAY 2016
10	1338012	SHANKAR A	A STUDY ON CONCRETE USING ARTIFICIAL AGGREGATES	MAY 2015
9	1238001	AJMAL MUHAMMED	EXPERIMENTAL WORK ON MANUFACTURING OF ARTIFICIAL AGGREGATED USING GEOPOLYMER TECHNIQUE	JUNE 2014
8	731511413005	JEEVAKKUMAR R	STUDY ON GEOPOLYMER COATINGS FOR EVALUATION OF CORROSION PROTECTION OF STEEL REINFORCEMENT IN R.C.C STRUCTURES	JULY 2013
7	731511413010	PRAVEEN KUMAR S	EXPERIMENTAL STUDY ON PRODUCTION OF ALKALINE ACTIVATED ARTIFICIAL AGGREGATE	JULY 2013
6	731511413011	RAJA D	EXPERIMENTAL STUDY ON STRUCTURAL BEHAVIOUR OF BEAM COLUMN JOINT USING GEOPOLYMER CONCRETE	JULY 2013
5	731511413015	SUMATHI S	STRUCTURAL BEHAVIOUR OF BEAM-COLUMN JOINT WITH BASALT FIBER REINFORCED CONCRETE	JULY 2013
4	101038605004	CYRIL THOMAS A	INVESTIGATION ON DYNAMIC BEHAVIOUR OF CASTELLATED BEAMS	JULY 2012
3	101038605009	GOERI SHANKAR K	STUDY AND CHARACTERISATION OF FOAM CONCRETE	JULY 2012
2	101038605012	PRABU B	STRUCTURAL BEHAVIOUR OF DI-BLENDED FIBER REINFORCED CONCRETE SLAB PANEL	JULY 2012
1	091038605007	GUNASEKARAN M	EXPERIMENTAL STUDIES ON COATING EFFECT OF NANO -SILICA FOR CORROSION REBARS	JUNE 2011

### 23.REVIEWER FOR NATIONAL AND INTERNATIONAL JOURNALS

- International Journal of Silicon – Springer, ISSN: 1876-9918
- Structural Concrete: Journal of the fib
- Indian Concrete Journal ( ICJ), ISSN: 0019-4565
- Iranian Journal of Science and Technology (Engineering), ISSN : 1028 - 6284.
- Indian Journal of Engineering & Materials Sciences, ISSN : 0971 - 4588.
- International Journal of Earth Science and Engineering, ISSN 0974-5904.

### 24.DOCUMENTATION SKILLS

- An Editor in the Proceedings of “National Seminar on Awareness of Solid Waste Management” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India.
- An Editor in the Proceedings of “National Conference on Emerging Trends in Civil Engineering” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India.
- An Editor in the Proceedings of “AICTE Sponsored National Conference on Advancement in Concrete Technology” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India.
- An Editor in the Proceedings of “National Level Students Technical Symposium – LATTICE” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India.
- An Organizing chair and Editor in the Proceedings of “International Conference on Civil, Structural and Environmental Engineering” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India.
- An Editor in the Proceedings of “National Level One Day Workshop on Fundamentals of Ocean and Coastal Engineering” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India.
- An Editor in the Proceedings of “Disaster Management” held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India and Sponsored by AICTE, New Delhi.

## 25.EVENTS ORGANIZED (15)

S.No	EVENTS ORGANIZED	SPONSORED BY	Conference/Symposia/Seminar/Workshop
16	Two-day workshop on Non-Destructive Testing & Repair Material Characterization, NRMC-22 organized by the Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal, India during 3 <sup>rd</sup> - 4 <sup>th</sup> November 2022. Funded by DST - SERB, New Delhi.	DST – SERB New Delhi	National Workshop
15	One Week International Workshop on Durability of Concrete (IWODOC – 2020) Date: 26 <sup>th</sup> Oct – 30 <sup>th</sup> Oct, 2020, Sponsored by ICI, ICJ, ISTE Mangalore Local center, Dept. of civil Engg, NITK	NITK	International Workshop
14	One-Week Faculty Development Programme on “Fiber Reinforced Concrete and it’s Applications”, NITK Surathkal, 18.11.2019-22.11.2019	TEQIP III	FDP
13	One day Seminar on “ Advancement in Concrete Technology ACT – 2017” Organized by, I.K Gujral Punjab Technical University, Dept. of Civil Engineering, Kapurthala, on 27.09.2017	I.K Gujral Punjab Technical University	Seminar

12	One day national level workshop on “ Advanced testing methods for Concrete” Organized by, K.S.R College of Engineering, Tiruchengode, on 22.03.2017	KSRCE	Workshop
11	One Day National Seminar on “ Patent Filing in India and other Countries” Organized by, K.S.R College of Engineering, Tiruchengode, on 08.08.2016	KSRCE	Seminar
10	Two days International workshop on “ Journal Writing and Preparation of Winner Research Proposal” K.S.R College of Engineering, Tiruchengode, from 19.08.2016 to 20.08.2016.	KSRCE	International Workshop
9	One day National level workshop on “Blooms Taxonomy and Its Assessments” Organized by, Office of the Controller of the Examinations, K.S.R College of Engineering, Tiruchengode, on 20.03.2015	KSRCE	Workshop
8	Two weeks AICTE Sponsored Faculty Development Programme on “Disaster Management”, Organized by, K.S.R College of Engineering, Tiruchengode, from 10.05.2013 to 24.05.2013	AICTE, New Delhi	Faculty Development Programme
7	CSIR Sponsored One Day National Seminar on Advancement in Concrete Technology” (NACT – 2012), K.S.R College of Engineering, Tiruchengode, India. 5 <sup>th</sup> November- 2012.	CSIR, New Delhi	Seminar
6	DRDO Sponsored three Days Workshop on “Systematic Technology Transfer for Sustainable Materials and Structures” (ST <sub>2</sub> SMS – 2012) organized by K.S.R College of Engineering, Tiruchengode, on 22 <sup>nd</sup> and 24 <sup>th</sup> August 2012.	DRDO, New Delhi	Workshop
5	One day Seminar on “Fundamentals of Ocean and Coastal Engineering” (FOCE – 2011), K.S.R College of Engineering, Tiruchengode, India. September 2 <sup>nd</sup> 2011.	KSRCE	<b>Seminar</b>
4	International Conference on “Civil, Structural and Environmental Engineering” (ICSEE - 2011) at K.S.R College of Engineering, Tiruchengode, India. February 18 <sup>th</sup> & 19 <sup>th</sup> - 2011.	AICTE, CSIR & Others	International Conference
3	AICTE Sponsored National Conference on “Advancement in Concrete Technology” (NCACT – 10) at K.S.R College of Engineering, Tiruchengode, India. September 23 <sup>rd</sup> & 24 <sup>th</sup> - 2010	AICTE, New Delhi	Conference
2	National Conferences on “Emerging Trends in Civil Engineering” at K.S.R College of Engineering, Tiruchengode, India . February 23 <sup>rd</sup> - 2010.	KSRCE	Conference
1	National Seminar on “Awareness of Solid Waste Management” on 21.10.2009, at Department of Civil Engineering, K.S.R. College of Engineering, Tiruchengode, India.	KSRCE	<b>Seminar</b>

## 26. FOREIGN COUNTRIES VISITED

S.No	COUNTRIES VISITED	Duration	Purpose
1	Malaysia	04.05.2016 – 05.05.2016	National University of Malaysia for International Conference
2	Singapore	06.05.2016 – 07.05.2016	National University of Singapore for Research facility interchange
3	Thailand	24.08.2016 – 27.08.2016	For International Conference
4	United Arab Emirates (UAE)	25.01.2017 – 26.01.2017	For International Conference

## **Declaration**

I hereby declare that the above furnished information by me is true to the best of my knowledge and belief.

Date : 01-11 - 2023

Sd/-

Place : Surathkal

(Dr. T Palanisamy)