

FACULTY- PROFILE

Name : Dr. A. Alex Rajesh

Date of Birth : 29.01.1985

Highest Qualification : PhD

Academic Performances

(High School to Highest Qualification) :



Qualification	SSLC	HSC/DIPLOMA	B.E	M.E/M.Tech	PhD	OTHERS
Class	First	First	First	First with Distinction	NA	-

Date of joining : 24.06.2009

Status as on date of joining : Lecturer

Salary as on date of joining : 14000

Present Status of Designation : Assistant Professor

Salary as on date : 25,130+ Allowances

Number of promotions since

Date of joining : 1

Faculty Development Program	R&D	No. of publication	Award	Books/ Proceedings Monograph	Conferences /Seminar		Admin/Extra curricular Activities
					Presented	Attended	
13	Yes	18	--	--	11	22	1. Dept. Association Incharge 2. Ranks & Awards 3. Printing and Publicity

Achievements since date of joining :

Performances Appraisal during past three (3) years:

Sl. No	Academic Year	Semester	Name of the Subject	Class	Percentage of Pass
1.	2021-2022	VIII	Housing Planing & Management	IV year BE	100
2.	2021-2022	II	Engineering Mechanics	I year BE	78
3.	2020-2021	VIII	Housing Planing & Management	IV year BE	100
4.	2020-2021	V	Railways Airport and Harbour Engineering	III year BE	100
5.	2019-2020	IV	Highway Engineering	II year BE	100
6.	2019-2020	V	Railways Airport and Harbour Engineering	III year BE	86

Self-Appraisal:

3 Major Strengths

1. Creativity, 2. Focused, 3. Taking Initiative

3 Major Weaknesses

1. Too sensitive, 2. Get bored quickly, 3. Perfectionism

Signature

DETAILED BIO DATA

1. Name : Dr.A.Alex Rajesh
2. Department : Civil Engineering
3. Date of Birth : 29.01.1985
4. Present Designation : Assistant Professor
5. Educational Qualification

Degree	Institute	Specialization	Name of the Degree	Year	Division
UG	K.S.Rangasamy College of Technology, Tiruchengode	Civil	B.E.	2007	First
PG	Bannari amman Institute of Technology, Sathyamangalam	Structural Engineering	M.E	2009	First with Distinction
Ph.D	Anna University, Chennai	Civil	Ph.D	2020	Not Applicable

6. Employment Record (from present to past)

Organization	Period		Designation
	From	To	
KSR College of Engg, Tiruchengode	30.06.2010	Till Date	Assistant Professor
KSR College of Engg, Tiruchengode	24.06.2009	30.06.2010	Lecturer

7. Memberships of Professionals / Learned Bodies / Societies

Sl.No.	Name of the Professionals/Learned bodies/Societies	Membership No
1.	ISTE Life Membership	LM 74403

8. Details of Subject Handled (Last five years) - 2017-2018 to 2021-2022

Sl. No	Academic Year	Semester	Name of the Subject	Class	Percentage of Pass
1.	2021-2022	VIII	Housing Planing & Management	IV year BE	100
2.	2021-2022	II	Engineering Mechanics	I year BE	78
3.	2020-2021	VIII	Housing Planing & Management	IV year BE	100
4.	2020-2021	V	Railways Airport and Harbour Engineering	III year BE	100
5.	2019-2020	IV	Highway Engineering	II year BE	100
6.	2019-2020	V	Railways Airport and Harbour Engineering	III year BE	86

7.	2019- 2020	II	Construction Planning Scheduling and Control	I Year ME-CEM	100
8.	2018 - 2019	VIII	Housing Planning & Management	IV year BE	100
9.	2018 – 2019	IV	Highway Engineering	II year BE	93
10.	2018 – 2019	II	Modern Construction Materials	I Year ME-CEM	100

9.100% Result Secured award

Sl. No	Name of the Course	Year	Awards / Prizes received from
1.	Highway Engineering	2012-13	K.S.R College of Engineering, Tiruchengode
2.		2016-17	
3.	Railways Airport and Harbour Engineering	2012-13	
4.	Housing Planning & Management	2017-18	
5.		2018-19	
6.	Maintenance and rehabilitation of structures	2012-13	
7.		2015-16	
8.		2016-17	
9.	Basic Civil and Mechanical Engineering	2011-12	
10.	Advanced Concrete Techniques	2013-14	
11.		2015-16	

10. Recognition

1. Reviewer for Australian Journal for Civil Engineers.

11. Patent Grant

Sl. No.	Inventor's Name	Title	Application No. & Patent Filed Date	Current Status
1.	1)Mr. S.RAGUNATH 2)Dr. A. VIJAYAKUMAR 3)Dr. M.LENIN SUNDAR 4)Dr. ALEX RAJESH. A 5)Dr. SARGUNAN. K 6)Dr. PRASANTHNI. P 7)Dr. JAGADEESAN R 8)Dr. KALAIVANI M	A METHOD OF MODIFIED CEMENT MORTAR STYRENE-ACRYLIC EMULSION AND PREPARATION	No.202141007681 A & 24/02/2021	Published

12. Publications

i) Journals

2017 - 2018	
1.	Mr. Alex Rajesh , “Exploitation of crumb rubber in cement concrete as fine <i>aggregate</i> ”, Ecology, Environment and Conservation, Vol 24, March Suppl. Issue 2018; Page No. (1-4).
2.	Mr. Alex Rajesh , “Effects of Ceramic Tile powder on properties of Concrete and Paver block”, Global research and Development journal for Engineering, Vol 3, Issue 4 in March 2018. ISSN: 2455 – 5703.
2016 - 2017	
Nil	
2015 - 2016	

Mr.A.Alex rajesh, “ An Endeavour on application of crumb and chipped rubber as aggregate in modified concrete”, Asian Journal of research in Social Science and Humanities, Vol. 6, No. 8, august 2016, pp. 716-727.

ii) International Conferences

<u>2017 - 2018</u>	
1.	Mr.A.Alex Rajesh , “Exploitation of crumb rubber in cement concrete as fine aggregate” in SEEE Sponsored 12th International conference on Intelligent systems and control (ISCO) on 5th and 6th January, 2018 at Karpagam College of Engineering, Coimbatore.
2.	Mr.A.Alex rajesh , “Compressive strength of Concrete and paver blocks using ceramic tile powder” in the 7 th International Conference on Advanced Science and Engineering research (ASER – 2018) by Department of Civil, CSE, ECE, EEE,MECH and S&H on 5 th Apr 2018.

iii) National Conferences

<u>2017 - 2018</u>	
1.	Mr.A.Alex rajesh , “Experimental Study on Strength and Durability of concrete with Partial replacement of cement by Ceramic waste Mixture” National conference on trendy and sustainable development in civil engineering (NCTSDCE – 18), K.S.R. College of engineering, Tiruchengode, 9 th April 2018.
2.	Mr.A.Alex rajesh , “Experimental Study on Partial replacement of Fine aggregate with scar rubber tyre waste from tyre Re-build Industries” National conference on trendy and sustainable development in civil engineering (NCTSDCE – 18), K.S.R. College of engineering, Tiruchengode, 9 th April 2018.
<u>2016 - 2017</u>	
1.	Mr.A.Alex rajesh , “Experimental investigation of strength parameters by partial replacement of crumb rubber with fine aggregate” National conference on trendy and sustainable development in civil engineering (NCTSDCE – 17), K.S.R. College of engineering, Tiruchengode, 7 th April 2017.
2.	Mr.A.Alex rajesh , “Utilization of construction debris in concrete mixtures” National conference on trendy and sustainable development in civil engineering (NCTSDCE – 17), K.S.R. College of engineering, Tiruchengode, 7 th April 2017.
<u>2015 - 2016</u>	
1.	Mr.A.Alex rajesh , “Effects of waste tyre rubber as a fine aggregate on the behavior of concrete mixtures” National conference on trendy and sustainable development in civil Engineering, K.S.R. College of engineering, Tiruchengode, 21 April 2016.
<u>2014 - 2015</u>	
1..	Mr.A.Alex Rajesh , “Use of Non-Bio degradable waste material in concrete mixtures” National conference on trendy and sustainable development in civil engineering, <i>K.S.R. College of Engineering, Tiruchengode</i> , 15 th May 2015.
2.	Mr.A.Alex Rajesh , “ Study on Strength Characteristic of concrete mixture with partial replacement of aggregates by plastic waste” National conference on trendy and sustainable development in civil engineering, <i>K.S.R. College of Engineering, Tiruchengode</i> ,pp.269-273, 15 th May 2015.
3.	Mr.A.Alex Rajesh , “ Experimental investigation on strength parameters of fiber reinforced concrete using steel slag as partial replacement of coarse aggregate” N.S.N College of Engineering and Technology, PP.300-303, 24 th April 2015.
<u>2013-2014</u>	
1.	Mr.A.Alex Rajesh , “ Experimental studies on steel & nylon fibre reinforced concrete” national level conference on recent and advance in civil engineering, SSM Institute of Engineering & Technology, Dindigul, 21 st March 2014.
2.	Mr.A.Alex Rajesh , “Use of Plastic waste material in concrete mixture” national conference on trendy and sustainable development in civil engineering” <i>K.S.R. College of Engineering</i> ,

	<i>Tiruchengode, 3rd MAY 2014.</i>
<u>2012-2013</u>	
1.	Mr.A.Alex Rajesh , “Use of selected waste materials in concrete mixture” National conference on trendy and sustainable development in civil engineering, <i>K.S.R. College of Engineering, Tiruchengode</i> , 18 – 19 April 2013.
<u>2011-2012</u>	
1.	Mr.A.Alex Rajesh , Dr.S.Senthilkumar, P.Padmapoorani Rubberized Concrete National Conferences on Advances in Concrete and Construction Technology, <i>K.S.R. College of Engineering, Tiruchengode</i> pp.87-94, April 19-20 , 2012.
<u>2010-2011</u>	
1.	Mr.A.Alex Rajesh , “Development of Structural Modeling Markup Language”, National Conference on Advancement in Concrete Technology, <i>K.S.R. College of Engineering, Tiruchengode</i> pp 273-279, Sep 23 -24 2010.

B. COURSES ATTENDED

<u>2010 - 2011</u>	
1.	FDP on “Planning Design and Evaluation of Urban Transportation Systems” NIT, Calicut, AICTE-MHRD, 31.05.2010-11.06.2010.
<u>2011 - 2012</u>	
1.	Workshop on “Fundamentals of Ocean and Coastal Engineering “Department of Civil Engineering, KSRCE, 02.09.2011.
<u>2012 - 2013</u>	
1.	Workshop on ‘Systematic Technology Transfer for Sustainable Material and Structures’, KSRCE, DRDO, Delhi, 22-08-2012 to 24-08-2012.
2.	National Seminar on ‘Advancement in Concrete Tech’, KSRCE, CSIR, Delhi, 05-11- 2012
3.	Two Week FDP on “Disaster Management” K.S.R College of Engineering, AICTE, 11.05.2013 to 24.05.2013
4.	SDP on ‘Waste to Energy’, KSRCE, AICTE, New Delhi, 20.05.2012 to 02.06.2012
<u>2013 - 2014</u>	
1.	National Seminar on ‘Application of Geographic Information System and Remote Sensing for Environmental Science’, KSRCE and CSIR, Delhi, 6.9.13.
<u>2014 - 2015</u>	
1.	National Workshop on “Novelistic Wrinkles in concrete & Construction Practices” Department of Civil Engineering, KSRCE, 23 rd SEP 2015
<u>2015 - 2016</u>	
1.	National Workshop on “Novelistic Wrinkles in concrete & Construction Practices”, KSRCE, ICI Students chapter, 23.09.15.
2.	Two week FDP on “Introduction to Structural Engineering”, IIT Kharagpur, 30.11.15 to 03.01.16 and 04.01.16 to 09.01.16.
<u>2016 - 2017</u>	
1.	Faculty Development Programme on “Repairs and Retrofitting & Rehabilitation of R.C.C Structures”, GCE, Salem from 3 rd Oct to 8 th Oct, 2016.
2.	Seminar on “patent filling in India and other countries” on 8 th Aug 2016, at KSRCE, Tiruchengode – 637 215.
3.	One day National workshop on “Advanced testing methods for Concrete” on 22 nd Mar 2017 @ KSRCE.
<u>2017 - 2018</u>	
1.	CSIR Sponsored National Seminar on “Sustainable solid waste management technologies for clean India” @ KSRCT, Tiruchengode, on 23 rd June 2017.

2.	Faculty Development Training Programme on “CE 6603 – Design of Steel Structures” Muthayammal College of Engineering, Rasipuram from 27 th Nov to 3 rd Dec 2017.
3.	Attended NPTEL online certification twelve week course July to Oct 2017.
4.	One day National workshop on “Recent advances in structural and Environmental Engineering” KSRCE on 8 th Sep 2017.
5.	Attended AICTE –QIP short term course on “Mathematical methods in Civil Engineering” during Feb 19 – 23, 2018, by Department of Civil Engineering, IIT Kharagpur.
6.	One day Seminar on ‘Treatment of RO rejects and Advancements in Desalination process’ by The Institution of Engineering at Knowledge Institute of Technology, Salem on 10 th Mar 2018.

13. Additional Administrative Responsibility at the Department Level

Sl. No.	Academic Year	Responsibility
1.	2009 to 2018	Survey Laboratory i/c
2.	2009 – 2013	Timetable i/c
3.	2009 – till date	Press & Media i/c
4.	2020 – till date	Association i/c

14. Additional administrative Responsibility at the college level

Sl. No.	Academic Year	Responsibility
1.	2010 – till date	Press & Media
2.	2020 – till date	Ranks and Awards

Name & Signature