

## DETAILED BIO DATA

1. Name : Mr.K.Selvakumar  
2. Department : Civil Engineering  
3. Date of Birth : 24.06.19886  
4. Present Designation : Assistant Professor

### 5. Educational Qualification

Degree	Institute	Specialization	Name of the Degree	Year	Division
UG	J. J College of Engineering & Technology, Tiruchy.	Civil Engineering	B.E	2010	First
PG	K.S.R college of Engineering, Tiruchengode.	Construction Engineering & Management	M.E	2013	First

### 6. Employment Record (from present to past)

Organization	Period		Designation
	From	To	
KSR College of Engineering, Tiruchengode	02.06.2014	Till Date	Assistant Professor

### 7. Memberships of Professionals / Learned Bodies / Societies

S.No.	Name of the Professionals/Learned bodies/Societies	Membership No
1.	ISTE Life Membership	LM 91765

### 8. Details of Subject Handled

Academic Year	Sem	Subject Name	Class	Branch	Pass %
2014-2015	V	Railways Airport And Harbor Engineering	III-BE	CIVIL	100
	I	Engineering Drawing	I-BE	CIVIL	100
	VII	Computer Aided Design And Drafting	IV-BE	CIVIL	100
	I	Basic Civil And Mechanical Engineering	I-BE	IT	100
2014-2015	IV	Strength of Materials	II -BE	CIVIL	90
	VI	Concrete Laboratory	III-BE	CIVIL	100

	II	Computer Aided Drawing Laboratory	I-BE	CIVIL	100
2015-2016	I	Contract Laws & Regulations	I ME	CIVIL	100
	I	Engineering Drawing	I-BE	CIVIL	100
	III	CAD Building Drawing Laboratory	II-BE	CIVIL	100
2015-2016	II	Project Formulation & Appraisal	II-BE	CIVIL	100
	II	Engineering Graphics	II-BE	CSE	100
	II	Computer Aided Drawing Laboratory	II-BE	CIVIL	100
2016-2017	III	Engineering Drawing	I-BE	CIVIL	100
	V	Railways Airport and Harbour Engineering	III-BE	CIVIL	100
	III	Highway Laboratory	III-BE	CIVIL	100
2016-2017	II	Construction Planning, Scheduling & Control	I ME	CEM	100
	II	Engineering Graphics Laboratory	I-BE	EEE	100
	IV	Environmental & Irrigation Engineering Drawing	III-BE	CIVIL	100
2017-2018	III	Construction Materials	II-BE	CIVIL	90
	VII	Contract Laws and Regulations	IV-BE	CIVIL	100
	VII	Structural Design and Detailing Laboratory	IV-BE	CIVIL	100
	I	Engineering Graphics and Drafting	I-BE	CIVIL	100
2017-2018	VIII	Construction Management	IV-BE	CIVIL	100
	II	Project Formulation & Appraisal	I ME	CEM	100
	II	Engineering Graphics Laboratory	I-B	EEE	100
2018-2019	V	Railways Airport and Harbour Engineering	III-BE	CIVIL	100
	I	Modern Construction Materials	I ME	CEM	100
	V	Building Planning And CAD Laboratory	II-BE	CIVIL	100
2018-2019	VI	Traffic Engineering and Management	III-BE	CIVIL	90
	II	Advanced Construction Techniques	I-ME	CEM	100
	VI	Irrigation and Environmental Engineering Drawing	III-BE	CIVIL	100
2019-2020	VII	Transport System and Planning	IV-BE	CIVIL	90
	I	Construction Equipment	I-ME	ME-ST	100
	I	Engineering Graphics Laboratory	I-BE	EEE	100
2019-2020	VIII	Construction Management	IV-BE	CIVIL	100
	II	Personnel Management in construction	I-ME	CEM	100
	VI	Irrigation and Environmental Drawing	III-BE	CIVIL	100
2020-2021	VII	Construction Safety Practices	IV-BE	CIVIL	100
	I	Contract Laws and Regulations	I-ME	CEM	100
2020-2021	VIII	Construction Management	III-BE	CIVIL	100
	II	Construction Project Management	I-ME	CEM	100
2021-2022	VIII	Smart Materials and Smart Structures	IV-BE	CIVIL	100
	III	Project Formulation and Appraisal	II-ME	CIVIL	100
	VI	Irrigation and Environmental Engineering Drawing	I-BE	CIVIL	100

### 9. Awards / Prizes Received

Name of the Awards (100% Result Secured award)	Year	Awards / Prizes received from
Basics of Civil and Mechanical Engineering	2014-2015	K.S.R College of Engineering, Tiruchengode
Engineering Drawing		
Project Formulation and Appraisal	2015-2016	
Contract Laws and Regulations		
Engineering Drawing		
Engineering Graphics and Drafting	2016-2017	

## 10. R & D Details

### a) Research Grants Received

Year	Project Title	Reference No	Total Amount Received	Sponsoring agencies
-	-	-	-	-

### b) Supervisor Recognition Details

Name of the University	Recognition Reference No	No.of PhD	
		Supervising	Completed
-	-	-	-

## 11 Conference Grants Received

Title of the Conference	Duration	Sponsoring agencies	Amount received
-	-	-	-

## 12. Publications

### i) Publications in Journals

Sl. No	Name of the Author	Title of the Paper	Journal Name	Vol , No & pages	Year of Publication
1.	K.Selvakumar V.C.Prabha, A.Shalini, S.Saravanaganesh	Study on Behaviour of Cold Formed Built-Up I-Section with Trapezoidal Corrugation in Web by varying the Aspect ratio and Angle of Corrugation	International Journal of Chemical Sciences	Volume-13, ISSN: 0972-768X	2015
2.	K. Selvakumar, R. Babu, R. Jegadeesan, V. Pavithra, S. Gokul Raj, A. Madhavan	Feasibility of utilizing wastage material in construction site	International Scientific Journal On Science Engineering & Technology	Volume-19, Issue 03, ISSN: 2349-6657	2016
3.	Mr.K.Selvakumar, Mr.S.Elango, Ms.S.Indhu	A beeline for making flexible pavements by means of	International Journal of Intellectual Advancemen	Volume-6, Issue-2, ISSN-2348-2079	2018

		discarded plastics and industrial sludge	ts and Research in Engineering Computations (IJIAREC)		
4.	Mr.K.Selvakumar, R.Elakkiya, K.S.AnandhaKumar, Akeel Mohamed, R.Anupriya	Experimental Investigation of stone dust and plastic coated aggregate in flexible pavement	International Journal of Advanced Science and Engineering Research.	Volume: 3, Issue:1, ISSN: 2455-9288	2018
5	Mr.K.Selvakumar, Mr.S.Elango, Mr.V.Mervin	A beeline for cost management in construction administration	International Journal of Intellectual Advancements and Research in Engineering Computations	Volume-8 Issue-1 ISSN:2348-2079	2020
6.	K.Selvakumar R.Monisha	Development of Green Building Construction Schemes to Reduce Development Footprint in Building	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 06 Issue:7,ISSN: 2582-3930	2022

## ii) Papers Presented in International Conferences / Symposiums

Sl. No	Name of the Author	Title of the Paper	Conference Name	Organised by	Proceeding pages	Date & Year
1.	Mr.K.Selvakumar	A Study On Factors Influencing Quality Of Construction Projects	National Conference on Advanced Construction & Sustainable Energy Sources NCACSES-2K19	SELVAM college of technology at Namakkal	-	15 th & 16 th March 2019.
2.	Mr.K.Selvakumar	Experimental Investigation of stone dust and plastic coated aggregate in flexible pavement	7th International Conference on Advanced Science and Engineering Research (ASER-2018)	AL-AMEEN Engineering college erode	PP.1220-1224	5 <sup>th</sup> April 2018

## iii) Papers Presented in National Conferences / Symposiums

Sl. No	Name of the Author	Title of the Paper	Conference Name	Proceeding pages	Date & Year
1.	Mr. K.Selvakumar	Development of Green Building Construction Schemes To Reduce Development Footprint In Building	Ninth National Conference on Trendy and " Sustainable Development in Civil Engineering NCTSDCE 2022	-	10th June 2022
2.	Mr. K.Selvakumar	A Factual Research on	sixth National	PP.369-	9 <sup>th</sup> April

		stone dust and plastic coated aggregate inflexible pavement	Conference on Trendy and Sustainable Development in Civil Engineering	373	2018
3.	Mr. K.Selvakumar	exploration of construction materials management in the field work	Fifth National Conference on Trendy and Sustainable Development in Civil Engineering at KSRCE	PP.324-327	7 <sup>th</sup> April 2017
4.	Mr. K.Selvakumar	Feasibility Of Utilizing Wastage material in construction site	First National Conference On Modern And Emerging Trends In Infrastructure Development For Sustainability. (METIDS-16)	PP.342	7 <sup>th</sup> April 2016
5.	Mr. K.Selvakumar	Study on Labor Resource Scheduling	National Conference on Advanced Trends in Civil Engineering AICE'13	pp.9	8 <sup>th</sup> March 2013

#### iv. Publication of Books

Sl. No.	Publication	Date of Publication	Name of the Publisher
-			

#### 13. Courses Attended

Sl. No	Date	Type of Course (FDP/ Workshop/ Seminar/ Conference/Symposium/ any other)	Topic	Organised by	Sponsored by
1.	19.09.2022 to 22.09.2022	FDP	Naan Mudhalvan Training of Trainers program for Building Information Modeling	L&T EduTech	Govet
2.	13.10.2022	Seminar	Tutorial Session on "SWAYAM-NPTEL & IRINS"	Society for the Advancement of Library and Information Science (SALIS)	KSRCE
3.	27.09.2022	Workshop	Development of Eco-Friendly Cement Free Construction Block	Sona College of Technology. Salem - 5	Sona College of Technology

4.	11.11.2022.	Workshop	National intellectual Property Awareness Mission	KSRCE	KSRCE
5.	25.04.2022 to 30.04.2022	FDP	Recent Trends in Material Technology	Department of Civil and Mechanical Engineering.	-
6.	21.03.2022 to 26.03.2022	FDP	Materials in civil Engineering	Vignan Institute of Technology & Science	Vignan Institute of Technology & Science
7.	21.06.2022 to 25.06.2022.	FDP	Emerging Technologies in Civil Engineering for Construction & Demolition Waste	Rajshree Institute of Management & Technology	Rajshree Institute of Management & Technology
8.	14.07.2020 to 18.07.2020	FDP	Sustainability Aspects and Recent Trends in civil Engineering – the Future Scenario	Association with Paradigm Environmental Strategies (p) Ltd, Bengaluru	Association with Paradigm Environmental Strategies (p) Ltd, Bengaluru
9.	24.05. 2021 to 28.05.2021	FDP	Smart Cities-Infrastructure & Sustainability	Indian Institute of Technology Ropar	AICTE
10.	14.11.2020 to 19.11.2020	STTP	Forum on Nurturing Clean-Water and Green-Waste (Phase III)	Department of Civil Engineering, K. S. R. College of Engineering	AICTE
11.	24.08.2020 to 29.08.2020.	STTP	Forum on Nurturing Clean-Water and Green-Waste (Phase I)	Department of Civil Engineering, K. S. R. College of Engineering	AICTE
12.	04.11.2020	STTP	Forum on Nurturing Clean-Water and Green-Waste (Phase II)	Department of Civil Engineering, K. S. R. College of Engineering	AICTE
13.	21.05.2020.	webinar	Higher Studies Abroad-Opportunities	KPR Institute of Engineering and Technology	KPR Institute of Engineering and Technology
14.	01.06.2020	Webinar	CONSTRUCTION 4.0	M.A.M. College of Engineering and Technology, Trichy	M.A.M. College of Engineering and Technology, Trichy
15.	26.08.2019 to 30.08.2019	STTP	Analysis and Design of Shallow Foundations	KSRCE	ICT
16.	4.7.2018.	Seminar	IEEE Xplore Digital	KSRCE	KSRCE

			Library Training		
17.	13.10.2017	Seminar	Accreditation Board of Engineering And Technology	KSRCE	KSRCE
18.	8.9.2017	Workshop	Recent Advances in Structural and Environmental Engineering,	KSRCE	KSRCE
19.	28.08.2015 to 01.09.2015	FDP	Advanced surveying Equipments and Techniques	Government college of Engineering, Salem	Government college of Engineering, Salem
20.	23.09.15	Workshop	Novelistic Wrinkles in Concrete & Construction Practices	KSRCE	KSRCE & ICI
21.	23.06.2015	FDP	Foundation Engineering	Velalar college of Engineering and Technology, Erode	Velalar college of Engineering and Technology, Erode
22.	6.12.2013	Workshop	Engineering Mechanics	Indian Institute Of Technology BOMBAY	ISTE
23	16.06.2014 to 22.06.2014	FDP	Structural Analysis-I	IRTT Erode	IRTT

#### 14. Additional Administrative Responsibility at the Department Level

Sl. No.	Academic Year	Responsibility
1.	2014-15	➤ Time table Co-ordinators
2.	2015-16	➤ Model Laboratory i/c
3.	2016-17	➤ Faculty Seminar /
4.	2017-18	Conference & Faculty Contributions
5.	2018-19	➤ Research Center & Ph.D Details
6.	2019-20	➤ IPR Co-ordinators
7.	2020-21	➤ PG-Project Co-ordinators
8.	2021-22	➤ Stationary Incharge
9.	2022-23	➤ Program Co-ordinators
		➤ Mentor

**15. Additional administrative Responsibility at the college level**

Sl. No.	Academic Year	Responsibility
1.	2017-18	
	2018-19	➤ Budget Co-ordinators
	2019-20	➤ PALS Co-ordinators
	2020-21	➤ Criterion 6

**Name & Signature**