



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:01-07-2021

Department	CIVIL ENGINEERING	Application No.	202110111
Area of Research	STRUCTURAL ENGINEERING	Research Mode	PART TIME

Name :VIGNESHKUMAR A
Date of Birth / Age :09-06-1994 / 27 Years
Gender :MALE
Category :MBC
e-Mail ID :eng.vigneshkumar@gmail.com
Mobile :8072147537



Vignesh Kumar A

Father's/Husband's Name	ALAGARSAMY K	Father's/Husband's Occupation	FARMER
Family Income	100000	Residential Type	RURAL
Birth Place	MADURAI	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	536782068915	PAN No.	BLKPV8668M
Physically Challenged	NO	Type of Disability	-
Address for Communication: 3/69, VETRILAIMURUGANPATTI CHATHRAMPULIYNKULAM KARIAPATTI VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626106		Permenant Address: 3/69, VETRILAIMURUGANPATTI CHATHRAMPULIYNKULAM KARIAPATTI VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626106	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.E	STRUCTURAL ENGINEERING	ANNA UNIVERSITY/SRI VIDHYA COLLEGE OF ENGINEERING AND TECHNOLOGY	2018	7.8	FIRST	REGULAR
B.E	CIVIL ENGINEERING	ANNA UNIVERSITY	2015	6.8	FIRST	REGULAR
DIPLOMA	CIVIL ENGINEERING	DOTE	2012	84	FIRST	REGULAR
10		STATE BOARD	2009	78		REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
CHENDHURAN POLYTECHNIC COLLEGE	HOD	2016-05-05	2021-07-01	TEACHING	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202110111_210708233352	VUR20100063837	08-07-2021	600	SUCCESS

RESEARCH PROPOSAL

The structural behaviour of lightweight Ferro cement (LWF) sandwich composite columns is investigated by conducting flexural tests on eight simply supported rectangular columns under three point loads. The main objective of the study is to investigate the comprehensive comparisons of eight columns represented in six lightweight Ferro cement (LWF) columns and two reinforced concrete (RC) columns. The performance of the LWF and RC columns is investigated in terms of crack load, load-deflection curves, stiffness, energy absorption capacity, ductility index, ultimate flexural load-to-weight ratio, load-strain curves, and crack Patterns, number of cracks, average crack width, crack spacing and the failure mode. The method outlined by ACI Building Code is used to compute ultimate moment capacities. The test results reveal the remarkable enhancement in the flexural behaviour and potential application of lightweight Ferro cement (LWF) sandwich composite columns to produce lightweight structural elements as compared to that of the reinforced concrete (RC) columns, which leads towards the industrialization of building system and meets with innovation and responsible application of concrete construction technology results in better efficiency of the composite.

Anna University



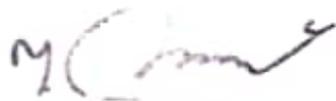
Reg No. 922016413017/RG

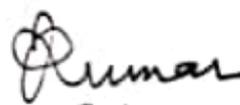
The Syndicate of the Anna University hereby makes known that **VIGNESH KUMAR A** has been admitted to the **DEGREE OF MASTER OF ENGINEERING** in **STRUCTURAL ENGINEERING** under the Faculty of Civil Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **FIRST CLASS** at the Examination held in **JUNE 2018**.

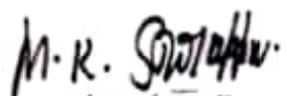
Given under the Seal of the University



Chennai 600 025
India
December 2018


Controller of Examinations


Registrar


Vice-Chancellor

ANNA UNIVERSITY, CHENNAI - 600 025



PROVISIONAL CERTIFICATE

Folio No.: **AUY1142230**

This is to certify that the following candidate has qualified for the award of Degree as detailed below:

Name : **VIGNESHKUMAR A**

Registration Number : **921811103316**

Degree : **B.E.**

Branch/Specialization : **Civil Engineering**

Month and Year of Passing : **April 2015**

Classification : **FIRST CLASS**





ANNA UNIVERSITY, CHENNAI - 25
M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES



V109186239633A

Folio No. AUS1551187

NAME OF THE CANDIDATE	VIGNESH KUMAR A			REGISTER NO.	922016413017	
DATE OF BIRTH	09-JUN-94	GENDER	MALE	MONTH & YEAR OF LAST APPEARANCE	JUN 2018	
COLLEGE OF STUDY	SRI VIDYA COLLEGE OF ENGINEERING & TECHNOLOGY			REGULATIONS	2013	
PROGRAMME & SPECIALIZATION	M.E. Structural Engineering					

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	MA7154	Advanced Mathematical Methods	4	D	6	NOV 2017
01	ST7101	Concrete Structures	3	C	7	NOV 2016
01	ST7102	Structural Dynamics	3	D	6	NOV 2016
01	ST7103	Theory of Elasticity and Plasticity	3	C	7	NOV 2016
01	CN7001	Advanced Concrete Technology	3	B	8	NOV 2016
01	ST7002	Maintenance and Rehabilitation of Structures	3	B	8	NOV 2016
02	ST7201	Finite Element Analysis	3	C	7	JUN 2017
02	ST7202	Experimental Techniques and Instrumentation	3	C	7	JUN 2017
02	ST7203	Steel Structures	3	C	7	JUN 2017
02	ST7204	Earthquake Analysis and Design of Structures	3	E	5	JUN 2017
02	ST7008	Pre-Stressed Concrete	3	C	7	JUN 2017
02	ST7009	Wind and Cyclone Effects on Structures	3	E	5	NOV 2017
02	ST7211	Advanced Structural Engineering Laboratory	2	A	9	JUN 2017
03	ST7013	Design of Steel Concrete Composite Structures	3	C	7	NOV 2017
03	ST7014	Industrial Structures	3	D	6	NOV 2017
03	ST7016	Prefabricated Structures	3	B	8	NOV 2017
03	ST7311	Seminar	1	S	10	NOV 2017
03	ST7312	Practical Training (4 Weeks)	1	S	10	NOV 2017
03	ST7313	Project Work (Phase I)	6	A	9	NOV 2017
04	ST7411	Project Work (Phase II)	12	A	9	JUN 2018

*** End of Statement ***

Cumulative Grade Point Average : 7.49

Classification : FIRST CLASS



Medium of Instruction : ENGLISH

Chennai - 600 025.

Date : 14/09/2018

SIGNATURE OF THE STUDENT



CONTROLLER OF EXAMINATIONS

NAME OF THE CANDIDATE		VIGNESHKUMAR A			
COLLEGE OF STUDY		SREE SOWDAMBIKA COLLEGE OF ENGINEERING			
PROGRAMME & BRANCH		B.E. Civil Engineering			
SEM	COURSE CODE	COURSE TITLE	C	LG	GP
03	AG2211	Applied Geology	3	E	5
03	CE2201	Mechanics of Solids	4	C	7
03	CE2202	Mechanics of Fluids	4	E	5
03	CE2203	Construction Techniques, Equipment and Practice	4	C	7
03	CE2204	Surveying - I	3	E	5
03	GE2021	Environmental Science and Engineering	3	C	7
03	MA2211	Transforms and Partial Differential Equations	4	C	7
03	CE2207	Survey Practical - I	2	S	10
03	CE2208	Computer Aided Building Drawing	2	S	10
04	CE2251	Soil Mechanics	3	D	6
04	CE2252	Strength of Materials	4	C	7
04	CE2253	Applied Hydraulic Engineering	4	C	7
04	CE2254	Surveying - II	3	E	5
04	CE2255	Highway Engineering	3	E	5
04	MA2264	Numerical Methods	4	D	6
04	CE2257	Strength of Materials Lab	2	B	8
04	CE2258	Hydraulic Engineering Laboratory	2	D	6
04	CE2259	Survey Practical - II	2	A	9
05	CE2301	Irrigation Engineering	3	C	7
05	CE2302	Structural Analysis - I	4	E	5
05	CE2303	Railways, Airports and Harbour Engineering	4	C	7
05	CE2304	Environmental Engineering - I	3	B	8
05	CE2305	Foundation Engineering	3	E	5
05	CE2306	Design of RC Elements	4	D	6
05	CE2307	Concrete and Highway Engineering Lab	2	A	9
05	CE2308	Soil Mechanics Laboratory	2	B	8
05	GE2321	Communication Skills Laboratory	2	B	8
06	CE2351	Structural Analysis - II	4	E	5
06	CE2352	Design of Steel Structures	4	C	7
06	CE2353	Construction Planning & Scheduling	3	D	6
06	CE2354	Environmental Engineering - II	3	E	5
06	MG2351	Principles of Management	3	B	8
06	CE2021	Hydrology	3	E	5
06	CE2355	Environmental and Irrigation Engineering Drawing	2	S	10
06	CE2356	Environmental Engineering Laboratory	2	A	9
06	CE2357	Survey Camp	3	A	9
07	CE2401	Design of Reinforced Concrete and Brick Masonry Structures	4	E	5
07	CE2402	Estimation and Quantity Surveying	3	E	5

07	CE2403	Basics of Dynamics and Aseismic Design	3	C	7	NOV 2014
07	CE2404	Prestressed Concrete Structures	3	E	5	NOV 2014
07	CE2033	Ground Improvement Techniques	3	E	5	NOV 2014
07	CE2037	Industrial Waste Management	3	E	5	NOV 2014
07	CE2405	Computer Aided Design and Drafting Laboratory	2	S	10	NOV 2014
07	CE2406	Design Project	2	S	10	NOV 2014
08	CE2451	Engineering Economics and Cost Analysis	3	D	6	APR 2015
08	CE2044	Tall Buildings	3	E	5	APR 2015
08	CE2071	Repair and Rehabilitation of Structures	3	C	7	APR 2015
08	CE2453	Project Work	6	A	9	APR 2015

*** End of Statement ***

Cumulative Grade Point Average : 6.66

Classification : FIRST CLASS





SRI VIDYA COLLEGE OF ENGINEERING & TECHNOLOGY

Sivakasi Main Road, Virudhunagar - 626 005

Approved by AICTE, New Delhi &
Affiliated to ANNA UNIVERSITY, CHENNAI
(AN ISO 9001:2008 CERTIFIED INSTITUTION)

Phone : 04562 267467 Fax : 04562 267468

Website : www.srividyaeengg.ac.in Email : srivcetvnr@gmail.com



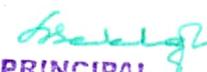
TRANSFER CERTIFICATE

TC No : 2672 / 2018 - 19

Admission No : 471/PG/2016-17

1. NAME OF THE STUDENT : VIGNESH KUMAR.A
2. ROLL No. : MESE1617
3. BRANCH / YEAR : M.E - STRUCTURAL ENGINEERING
SECOND YEAR (FOURTH SEMESTER)
4. NAME OF THE PARENT / GUARDIAN : AZHAGARSAMY.K
5. DATE OF BIRTH : 09.06.1994
6. NATIONALITY : INDIAN
7. SEX : MALE
8. RELIGION AND CASTE : HINDU - MARAVAR
9. DATE OF ADMISSION AND CLASS IN WHICH ADMITTED : 29.07.2016 - FIRST YEAR(FIRST SEMESTER)
10. WHETHER QUALIFIED FOR PROMOTION TO HIGHER STUDIES : REFER THE MARK SHEET
11. REASON FOR LEAVING : COURSE COMPLETED
12. CONDUCT AND CHARACTER : GOOD
13. ACTUAL DATE, THE STUDENT LEFT THE INSTITUTION : 11.06.2018
14. DATE ON WHICH APPLICATION FOR TRANSFER CERTIFICATE WAS RECEIVED : 11.07.2018
15. DATE OF ISSUE : 11.07.2018




PRINCIPAL
Sri Vidya College of Engineering & Techno...
PRINCIPAL, Sivakasi Main Road,
Virudhunagar - 626 005.

Acknowledgment Number : 037109700106625

Name : ALAGARSAMY VIGNESHKUMAR

Category : Individual

Status : *PAN has been allotted by Income Tax Department, your PAN card is under process at NSDL and will be despatched to you shortly.*

Permanent Account Number (PAN) : BLKPV8668M



இந்திய அரசாங்கம்

Government of India



விக்கனேஷ்குமார் அழகர்சாமி
VIGNESHKUMAR ALAGARSAMY

தந்தை : அழகர்சாமி கந்தன்
Father : ALAGARSAMY KANTHAN

பிறந்த நாள்/DOB: 09/06/1994
ஆள்பாடல் / Male



5367 8206 8915

ஆதார் - சாதாரண மனிதனின் அதிகாரம்



இந்திய தனிப்பட்ட அடையாள ஆணைய அமைப்பு
Unique Identification Authority of India

முகவரி, இ. -
வெற்றிலைமுருகன்பட்டி
வெற்றிலைமுறியன்பட்டி
சத்திரம் புளியங்குளம், விருதுநகர்
தமிழ் நாடு, 626106

Address: 69, -,
VETTRILAIMURUGANPATTI,
Vettrilaimuriyanpatti,
Chatrapuliyankulam,
Virudhunagar, Tamil Nadu,
626106

5367 8206 8915

1947
1800 300 1947

help@uidai.gov.in

www.uidai.gov.in

R.Dis..... 119/2007 dt. 14.6.07

DNC



சான்றிதழ் எண் :
Certificate No. :

மாவட்டக் குறியீடு எண் :
District Code :
வட்டக் குறியீடு எண் :
Taluk Code :
கிராமக் குறியீடு எண் :
Village Code :

1	7
0	8
0	5
	1

1163127 சாதிக் சான்றிதழ்
COMMUNITY CERTIFICATE

வட்டம் காரையாபட்டி மாவட்டம் காரையாபட்டி வட்டம்
கிராமம்/நகரம்/திரு / திருமதி / செல்வி/
செல்வன் அ. அனந்தசுந்தரன் தம்பனார்/கணவர்
பெயர் அ. அனந்தசுந்தரன்
கி. அனந்தசுந்தரன்
வகுப்பைச் சார்ந்தவர், அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும் மிகவும்
பிற்பட்ட பிரிவினருடனான நான் 19-7-1994 வரிசை எண் 1163127 படி,
சீர்மரபினர் பிரிவினைச் சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that..... Son / Daughter
of Thiru..... of.....
Village / Town..... Taluk.....
District of the State of Tamil Nadu belongs to
Community, which is recognised as a
Denotified Community as per Government Order (Ms.) No. 28, Backward
Classes and Most Backward Classes Welfare, dated 19th July 1994 vide
Serial No.....

2. திரு / திருமதி / செல்வன் / செல்வி அ. அனந்தசுந்தரன்
என்பவரும் அவருடைய குடும்பத்தினரும் தங்கியுள்ள
மாவட்டத்தில் காரையாபட்டி வட்டத்தில் காரையாபட்டி
கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru/Tmt./Selvan/Selvi..... and
his/her family ordinarily reside(s) at Village/Town
..... Taluk District of
Tamil Nadu.

முத்திரை
Seal :



கையொப்பம் :
Signature :
நாள் :
Date :
பதவி :
Designation :

14/6/07
District Deputy Tahsildar
Kariapatti