



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:17-12-2020

Department	CIVIL ENGINEERING	Application No.	202020115
Area of Research	STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT	Research Mode	PART TIME

Name :SARATH S
Date of Birth / Age :22-09-1988 / 32 Years
Gender :MALE
Category :OC
e-Mail ID :sarassarath@gmail.com
Mobile :9605221104



Father's/Husband's Name	SASINDRAN PILLAI	Father's/Husband's Occupation	AGRICULTURE
Family Income	380000	Residential Type	RURAL
Birth Place	KOLLAM	Mother Tongue	MALAYALAM
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	551183122874	PAN No.	CMOPP9034P
Physically Challenged	NO	Type of Disability	-

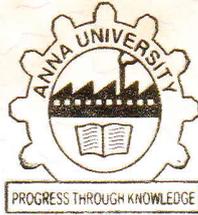
Address for Communication: THANKAM BHAVAN PULLICHIRA P O KOLLAM KOLLAM DISTRICT KERALA INDIA Pin-691304	Permenant Address: THANKAM BHAVAN PULLICHIRA P O KOLLAM KOLLAM DISTRICT KERALA INDIA Pin-691304
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Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M E	STRUCTURAL ENGINEERING	ANNA UNIVERSITY	2013	7.8	FIRST	REGULAR
B TECH	CIVIL ENGINEERING	UNIVEVRSITY OF KERALA	2011	6.62	FIRST	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
UKFCET	ASST PROFESSOR	2013-03-06	2020-12-17	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020115_201218001548	VSB19569430098	18-12-2020	600	SUCCESS

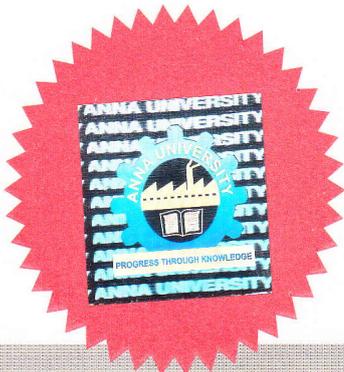
Anna University



Reg.No. 921311413012/RG

The Syndicate of the Anna University hereby makes known that **SARATH S** 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 2013**.

Given under the Seal of the University



Chennai 600 025
India

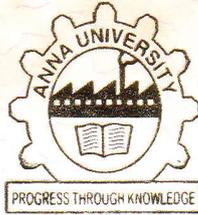
Controller of Examinations

Registrar

Vice-Chancellor

November 2013
JPMCH/11/100222

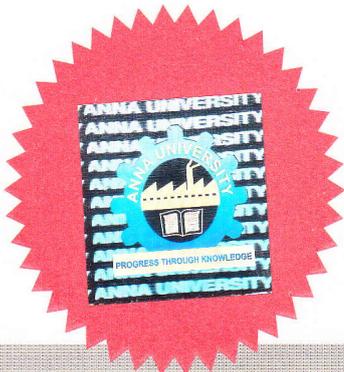
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Chennai 600 025
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Controller of Examinations

Registrar

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November 2013
JPMCH/11/100222



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

S119306979626S

Folio No. AUCD328471



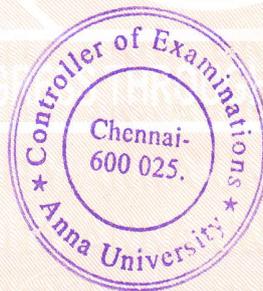
NAME OF THE CANDIDATE		SARATH S			REGISTER NO.	921311413012	
DATE OF BIRTH	22-SEP-88	GENDER	MALE	MONTH & YEAR OF LAST APPEARANCE	JUN 2013		
COLLEGE OF STUDY	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY				REGULATIONS	2009	
PROGRAMME & SPECIALIZATION	M.E. Structural Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	MA9212	Applied Mathematics	4	C	7	NOV 2012
01	ST9201	Concrete Structures	3	C	7	JAN 2012
01	ST9202	Structural Dynamics	4	B	8	JAN 2012
01	ST9203	Theory of Elasticity and Plasticity	4	C	7	JAN 2012
01	CN9251	Advanced Concrete Technology	3	C	7	JAN 2012
01	ST9252	Design of Bridges	3	C	7	JAN 2012
02	ST9221	Finite Element Analysis	4	D	6	JUN 2012
02	ST9222	Experimental Techniques and Instrumentation	3	C	7	JUN 2012
02	ST9223	Steel Structures	3	C	7	JUN 2012
02	ST9224	Earthquake Analysis and Design of Structures	3	D	6	JUN 2012
02	ST9257	Maintenance and Rehabilitation of Structures	3	C	7	JUN 2012
02	ST9263	Prestressed Concrete	3	E	5	JUN 2012
02	ST9225	Advanced Structural Engineering Laboratory	2	S	10	JUN 2012
03	ST9256	Industrial Structures	3	C	7	NOV 2012
03	ST9258	Mechanics of Composite Materials	3	B	8	NOV 2012
03	ST9262	Prefabricated Structures	3	B	8	NOV 2012
03	ST9231	Practical Training (4 Weeks)	1	A	9	NOV 2012
03	ST9232	Project Work (Phase I)	3	S	10	NOV 2012
04	ST9241	Project Work (Phase II)	15	S	10	JUN 2013

*** End of Statement ***

Cumulative Grade Point Average : 7.84

Classification : FIRST CLASS





"Kalvithanthal"
Thiru. R.S. Kothandaraman
Founder



PSNA

College of Engineering & Technology

(Approved by AICTE, Accredited by National Board of Accreditation, New Delhi)
Affiliated to Anna University, Chennai)
Best Engineering College Award - 2007 by ISTE, New Delhi



TRANSFER CERTIFICATE

TC No: 272

Roll No.: 11MESE12

1. Name of the student : SARATH S
2. Date of birth as entered in SSLC Book/Mark Sheet : 22-Sep-88 TWENTY SECOND SEPTEMBER NINETEEN EIGHTY EIGHT
3. Name of the Parent : SASINDRAN PILLAI
4. Sex : MALE
5. Nationality : INDIAN
6. Community : OC
7. Religion&Caste : HINDU -
8. Date of Admission : 10-Oct-11
9. Medium of Study : ENGLISH
10. Date of Leaving : 11-Jul-13
11. Class in which the student was studying at the time of leaving : FINAL YEAR M.E. (STRUCTURAL ENGINEERING - 2 YEAR FULL TIME) PROGRAMME
12. Whether qualified for promotion to the higher class : REFER MARK SHEETS
13. Whether the student paid all the dues payable to the College : YES
14. Reason for Leaving : COURSE COMPLETED
15. Whether the student participated in ragging punished for : NO
16. Conduct and Character : *Good*
17. Date on which the application for Transfer Certificate was made : 04.10.2013



[Signature]
Principal
PRINCIPAL
P.S.N.A College of Engg & Tech
Dindigul - 624 622



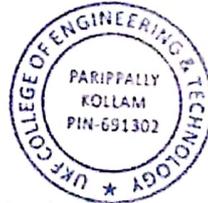
UKF/EC/17-0/447

30-11-2020

EXPERIENCE CERTIFICATE

This is to certify that Mr. Sarath S, Thankam Bhavan, Pullichira P.O., Kollam - 691304 has been working in this College as Assistant Professor in the Department of Civil Engineering since 03rd March 2013 and also working as Estate Officer since July 2016.

This certificate is issued as per his specific request in order to apply for the post of Assistant Executive Engineer at Kerala PSC.




PRINCIPAL

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

SARATH S

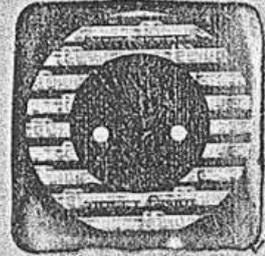
SASINDRAN PILLAI

22/09/1988

Permanent Account Number

CMOPP9034P

Signature



Attested



भारत सरकार
Government of India

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

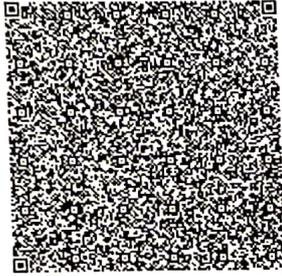
Enrolment No.: 2003/31755/20856

Download Date: 20/03/2020
To
Sarath S
S/O Sasindran Pillai
Thankam Bhavan
Mayyanad
Pullichira
Kollam Kerala - 691304
9446031104

Issue Date: 24/03/2018

Signature valid

Digitally signed by Sarath S
DN: cn=Sarath S, o=UIDAI, ou=Unique Identification Authority of India, email=sarath.s@uidai.gov.in, c=IN, date=2018.03.24 16:26:01 +05'30'



आपका आधार क्रमांक / Your Aadhaar No. :

5511 8312 2874

VID : 9106 6093 6697 2482

मेरा आधार, मेरी पहचान



भारत सरकार
Government of India



Download Date: 20/03/2020



Sarath S
Date of Birth/DOB: 22/09/1988
Male/ MALE

Issue Date: 24/03/2018

5511 8312 2874

VID : 9106 6093 6697 2482

मेरा आधार, मेरी पहचान



Government of India



सूचना

- आधार पहचान का प्रमाण है, नागरिकता का नहीं।
- सुरक्षित QR कोड / ऑफलाइन XML / ऑनलाइन ऑथेंटिकेशन से पहचान प्रमाणित करें।
- यह एक इलेक्ट्रॉनिक प्रक्रिया द्वारा बना हुआ पत्र है।

INFORMATION

- **Aadhaar** is a proof of identity, not of citizenship.
- Verify identity using Secure QR Code/ Offline XML/ Online Authentication.
- This is electronically generated letter.

- आधार देश भर में मान्य है।
- आधार कई सरकारी और गैर सरकारी सेवाओं को पाना आसान बनाता है।
- आधार में मोबाइल नंबर और ईमेल ID अपडेट रखें।
- आधार को अपने स्मार्ट फोन पर रखें, **mAadhaar App** के साथ।

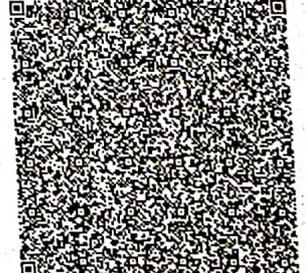
- **Aadhaar** is valid throughout the country.
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भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India



Address:
S/O Sasindran Pillai, Thankam Bhavan,
Mayyanad, Kollam,
Kerala - 691304



5511 8312 2874

VID : 9106 6093 6697 2482



1947



help@uidai.gov.in



www.uidai.gov.in

Name : Sarath S

Mail id : sarassarath@gmail.com

Ph no : 9605221104, 9446031104

Departement : Civil engineering

Research interest: Building materials, low cost construction materials

Proposed area : Improvement in pozzalanic reaction products in cement mortar using calcined quarry dust (CQD) and calcined laterite soil (CLS)

Keywords: hydration products, laterite soil, quarry dust, calcination, cement mortar, activators

The study area aims at improving the quality of cement products like mortar by increasing the CSH and CAH products during hydration reaction. Research are still going on this area and here my intention is to do a research with natural and waste materials which can contribute to low cost construction materials and techniques.

I am looking forward for the potential usage of natural materials like laterite soil which is available in sites thereby reducing the cost of construction and effective use of waste material like Quarry dust thereby reducing the environmental issues related to it This can be achieved through using materials like laterite soils and quarry dust after calcinations at various temperatures. The material for calcinations can be selected after analysis of chemical composition tests. The calcined samples will be chemically analyzed and added in various cement mortar as replacement to fine aggregate in various proportions. The samples must be then analyzed for strength test , bond test , various chemical attack tests, thermal tests and X- ray diffraction analysis. Added to this the samples can also be analyzed by incorporating chemical activators like Na_2SO_4 , CaCl_2 etc in addition to the CQD and CLS. The economical aspects can also be studied.