



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:22-05-2021

Department	CIVIL ENGINEERING	Application No.	202110019
Area of Research	MICROWAVE PRE-TREATMENT OF MACRO ALGAE	Research Mode	FULL TIME

Name :NAGA SARAVANA MURUGAN N

Date of Birth / Age :27-10-1996 / 24 Years

Gender :MALE

Category :BC

e-Mail ID :14ce039@gmail.com

Mobile :8248373189



N. Anuj.

Father's/Husband's Name	NAGA BALA MURUGAN S	Father's/Husband's Occupation	ADVOCATE CLERK
Family Income	100000	Residential Type	RURAL
Birth Place	SRIVILLIPUTHUR	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	508395799043	PAN No.	AWDPN8945N
Physically Challenged	NO	Type of Disability	-

Address for Communication: 233/91A MARIYAMMAN KOVIL STREET (EAST) SRIVILLIPUTHUR VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626125	Permenant Address: 233/91A MARIYAMMAN KOVIL STREET (EAST) SRIVILLIPUTHUR VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626125
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Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
BE	CIVIL ENGINEERING	MOHAMED SATHAK ENGINEERING COLLEGE	2018	7.82	FIRST	REGULAR
ME	ENVIRONMENTAL ENGINEERING	ANNA UNIVERSITY REGIONAL CAMPUS TIRUNELVELI	2020	7.89	FIRST	REGULAR

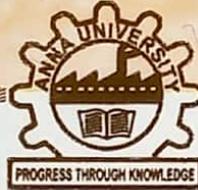
Experience				
Organization	Designation	Experience From	Experience TO	Work Nature

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202110019_210607163458	VHMP0023266190	07-06-2021	600	SUCCESS

ABSTARCT

Macro algae, that are found in water bodies as sea water or fresh water. Macro algae species consist of proteins, lipids, Carbohydrates, DNA etc., will be used for biogas production. The production of biogas from macro algae by the pretreatment process for the effective cell wall disintegration followed by the anaerobic digestion. By using the pretreatment techniques, energy will be recovered from the macro algae. By using, various pretreatment technologies will increase solubilization and recover efficient energy. Numerous studies have been made to determine the effect of pretreatment on macro algae. Various types of pretreatments are mechanical, physical, chemical, thermal and biological. Among these microwave pretreatments will be used to determine the impact of solubilization of macro algae by optimizing the parameters such as time, temperature, intensity. And response factors such as protein, carbohydrate, total carbohydrate and DNA will be determined and energy recovery can be carried out efficiently in the form of Biogas or Biofuel.

Anna University



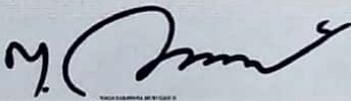
Reg.No. 911514103038/RG

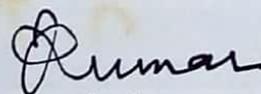
The Syndicate of the Anna University hereby makes known that
NAGA SARAVANA MURUGAN N *has been admitted to the* **DEGREE OF BACHELOR OF ENGINEERING** *in* **CIVIL ENGINEERING** *under the Faculty of Civil Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in* **FIRST CLASS** *at the Examination held in* **APRIL 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.: AUO2457743

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

Name : NAGA SARAVANA MURUGAN N

Registration Number : 950018416009

Degree : M.E.

Branch/Specialization : Environmental Engineering

Month and Year of Passing: April 2020

Classification : FIRST CLASS



Chennai - 600 025.

Date : 02/11/2020

N133083511366N


Controller of Examinations i/c

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

N133083511366N

Folio No. AUO2457743



NAME OF THE CANDIDATE	NAGA SARAVANA MURUGAN N			REGISTER NO.	950018416009
DATE OF BIRTH	27-OCT-1996	GENDER	MALE	MONTH & YEAR OF LAST APPEARANCE	APR 2020
COLLEGE OF STUDY	ANNA UNIVERSITY REGIONAL CAMPUS, TIRUNELVELI			REGULATIONS	2017
PROGRAMME & SPECIALIZATION	M.E. Environmental Engineering				

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	EV5101	Environmental Chemistry	3	A	8	DEC 2018
01	EV5102	Environmental Microbiology	3	B+	7	DEC 2018
01	EV5103	Design of Physico- Chemical Treatment Systems	3	B+	7	DEC 2018
01	EV5104	Transport of Water and Wastewater	3	B+	7	DEC 2018
01	MA5165	Statistical Methods for Engineers	4	B+	7	DEC 2018
01	EV5111	Environmental Chemistry Laboratory	2	A+	9	DEC 2018
01	EV5112	Environmental Microbiology Laboratory	2	O	10	DEC 2018
02	EV5201	Design of Biological Treatment Systems	3	B+	7	APR 2019
02	EV5202	Industrial Wastewater Management	3	B+	7	APR 2019
02	EV5203	Air and Noise Pollution Control Engineering	3	B+	7	APR 2019
02	EV5002	Solid and Hazardous Waste Management	3	B	6	APR 2019
02	EV5005	Environmental Quality Monitoring	3	B+	7	APR 2019
02	EV5091	Marine Pollution and Control	3	B+	7	APR 2019
02	EV5211	Environmental Processes Monitoring Laboratory	3	A+	9	APR 2019
02	EV5212	Seminar	1	A+	9	APR 2019
03	EV5301	Environmental Impact Assessment	3	B+	7	NOV 2019
03	EV5008	Membrane Separation for Water and Wastewater Treatment	3	B+	7	NOV 2019
03	EV5010	Landfill Engineering and Remediation Technology	3	B+	7	NOV 2019
03	EV5311	Industrial Training (2 weeks)	1	A+	9	NOV 2019
03	EV5312	Project Work (Phase I)	6	O	10	NOV 2019
04	EV5411	Project Work (Phase II)	12	A+	9	APR 2020
<p>*** End of Statement ***</p> <p>Cumulative Grade Point Average : 7.89</p> <p>Classification : FIRST CLASS</p>						



Medium of Instruction : ENGLISH

Chennai - 600 025

Date 02/11/2020

SIGNATURE OF THE STUDENT

(Signature)
 CONTROLLER OF EXAMINATIONS

ANNA UNIVERSITY, CHENNAI - 25
M.E. DEGREE EXAMINATIONS
GRADE SHEET



SI.No: MA 3933961

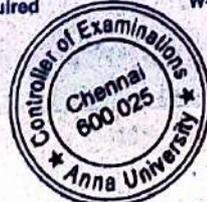
Folio No. AU02A57143

NAME OF THE CANDIDATE		NAGA SARAVANA MURUGAN N				REGISTER NO.	755742519
DATE OF BIRTH	27-OCT-1996	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2020	DATE OF PUBLICATION	17-OCT-2020
COLLEGE OF STUDY	ANNA UNIVERSITY REGIONAL CAMPUS, TIRUNELVELI				REGULATIONS	2017	
PROGRAMME & BRANCH	M.E. Environmental Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
04	EV5411	Project Work (Phase II) *** End of Statement ***	12	A+	9	PASS

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered				12						
Credits Earned				12						
Grade Points Earned				9						
Grade Point Average (GPA)				9.000						
Cumulative Credits Earned	70		Cumulative Grade Point Average (CGPA)			7.89		Medium of Instruction : ENGLISH		

RA - Reappearance Is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination



(Signature)
CONTROLLER OF EXAMINATIONS

SIGNATURE OF THE CANDIDATE

07/06/2021

From

N. Naga Saravani Murugan,
233/91A, Papaniyandam, Koval Street (East),
Srivilliputhur - 626 125
Virudhunagar District.

To

The dean,
Research and Development,
Kalasalingam University,
Krishnan Kovil - 626 126

Respected Sir/Madam,

Sub: To Submit the Transfer Certificate as soon as possible.
- Reg.

Myself Naga Saravani Murugan N, I have complete my M.E
Environmental Engineering at Anna University Regional Campus, Tiruvelur
[2018-2020]. I have not obtained my TC from the college.
Thus by now I can't submit my Certificate, but as soon as
possible, I'll submit the TC, as they dispatched to the
Students.

Thanking You.

Place: Srivilliputhur

Date: 07. June. 2021

Yours Faithfully
N. Saravani

आयकर विभाग

भारत सरकार

INCOME TAX DEPARTMENT



GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड

Permanent Account Number Card

AWDDPN8945N

नाम / Name

NAGASARAVANAMURUGAN N

पिता का नाम / Father's Name

NAGABALAMURUGAN

जन्म की तारीख / Date of Birth

27/10/1996

N. Arav

हस्ताक्षर / Signature





India Driving Licence (Tamil Nadu)

TN MT

TN84 2017 0009397

Date of Issue

18-07-2017

Validity

17-07-2037 (NT)



Date of Birth

27-10-1996

Blood Group

A+

Name

N NAGASARAVANAMUR GAN

Father's Name

S NAGABALAMURUGAN



TN84 2017 0009397



MCWG

18-07-2017
TN84



DMV

18-07-2017
TN84

Mobile No. *****3189

Badge No. NIL

Badge Dt:

Endorsement Date

18-07-2017

Endorsement No.

TN84 /PDL/0009397/2017



Present Address

42 PERIYASAMY KOVIL STREET,
THIRUMALAI KUMARAN DRIVING SCHOOL,
Srivilliputhur, Virudhunagar, TN,626125

Permanent Address

233/91A,
MARIYAMMAN KOVIL STREET,
Srivilliputhur, Virudhunagar, TN,626125

Holder's Signature

Asst. Issuing Authority Sign
RTO, SRVILLIPUTHUR,

