



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:14-12-2020

Department	MECHANICAL ENGINEERING	Application No.	202020100
Area of Research	COMPOSITE TECHNOLOGY	Research Mode	FULL TIME

Name :UDHAYAKUMAR A
Date of Birth / Age :30-05-1987 / 33 Years
Gender :MALE
Category :SC
e-Mail ID :udhaidhass@gmail.com
Mobile :9597906369



Father's/Husband's Name	ARUMAISELVAN D	Father's/Husband's Occupation	FARMER
Family Income	180000	Residential Type	RURAL
Birth Place	POOLANGAL VADAKKUPATTI	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	489205350616	PAN No.	ACEPU0642C
Physically Challenged	NO	Type of Disability	-
Address for Communication: 6/787 SOUTH STREET POOLANGAL VADAKKUPATTI ARUPPUKOTTAI TALUK VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626114		Permenant Address: 6/787 SOUTH STREET POOLANGAL VADAKKUPATTI ARUPPUKOTTAI TALUK VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626114	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
ME	ENGINEERING DESIGN	PARK COLLEGE OF ENGINEERING AND TECHNOLOGY	2013	6.77	FIRST	REGULAR
BE	MECHANICAL	ARULMIGUKALASALINGAM COLLEGE OF ENGINEERING	2009	74.00	FIRST	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020100_201222100420	VUR29582649660	22-12-2020	600	SUCCESS

Design and construction of natural fibre polymer composites for large scale applications

The reduction in harmful of ecosystem and to produce low cost polymeric reinforced composites, the researchers are emerging with polices of manufacturing the composites using natural fibres which are entirely biodegradable. Various researches are going on in this field to achieve the desired standard. Natural fibre reinforced polymer composite has a huge affinity to replace the composite made up of synthetic fibre. This is primarily because of the advantages like light weight, non-toxic, non-abrasive, easy availability, low cost and biodegradable properties. The synthetic fibres have higher end of mechanical properties like tensile strength and tensile modulus however the specific mechanical properties like specific tensile modulus and specific gravity of natural fibre gives a satisfying result for composites as compared to synthetic fibre based composites. Also the manufacturing process of synthetic fibre used bad effects of toxic chemicals like sulphuric acid, carbon disulphide, nitric acid, ethylene glycol, dimethyl form amide and barium sulphate etc so disease like central nervous system, liver damage, headache, skin rashes etc caused by humans using these chemicals.

The objective of the present study is to investigate and develop the mechanical and thermal behaviour of bamboo fibre reinforced with Poly lactic acid based composites and develop better processes must be minimize the adhesion between fibre and matrix, moisture absorption, fire hazard etc.

Anna University



Reg.No. 712211408004/RG

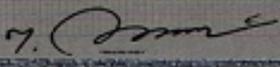
The Syndicate of the Anna University hereby makes known that
UDHAYAKUMAR A *has been admitted to the* **DEGREE OF MASTER OF ENGINEERING** *in* **ENGINEERING DESIGN** *under the Faculty of*
Mechanical Engineering, having completed the prescribed programme of study and having been certified by the duly 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

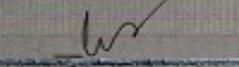


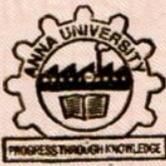
Chennai 600 025
India

November 2013


Controller of Examinations


Registrar


Vice-Chancellor



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

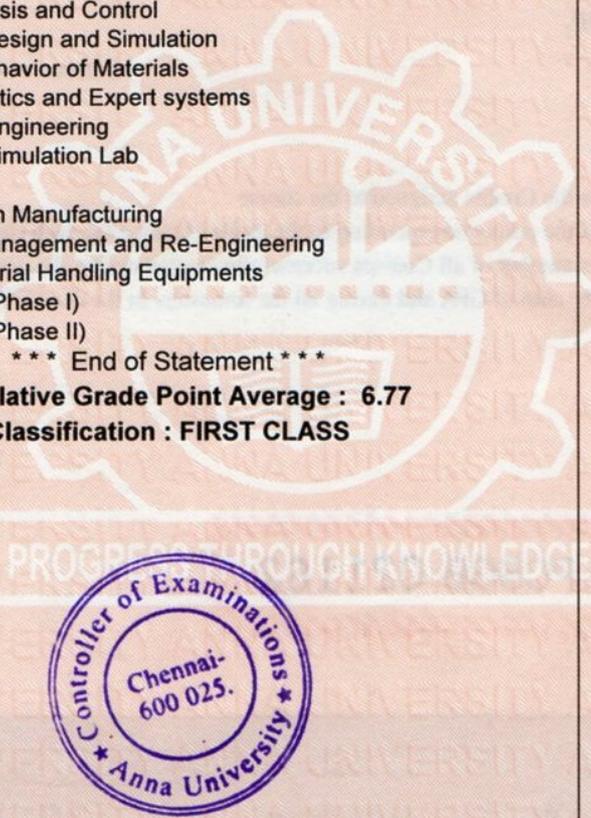


U122176707530A

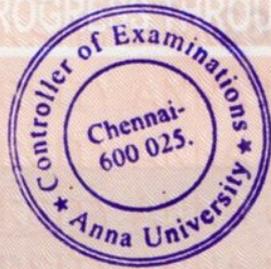
Folio No. AUCD316383

NAME OF THE CANDIDATE	UDHAYAKUMAR A	REGISTER NO.	712211408004
DATE OF BIRTH	30-MAY-87	GENDER	MALE
MONTH & YEAR OF LAST APPEARANCE	JUN 2013		
COLLEGE OF STUDY	PARK COLLEGE OF ENGINEERING AND TECHNOLOGY	REGULATIONS	2009
PROGRAMME & SPECIALIZATION	M.E. Engineering Design		

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	CD9211	Computer Applications in Design	4	E	5	JAN 2012
01	ED9211	Concepts of Engineering Design	3	D	6	JAN 2012
01	MA9214	Applied Mathematics for Engineering Design	4	D	6	JAN 2012
01	PD9211	Quality Concepts in Design	3	D	6	JAN 2012
01	ED9271	Rapid Prototyping and Tooling	3	D	6	JUN 2012
01	PD9251	Micro Electro Mechanical Systems	3	D	6	JAN 2012
01	ED9212	CAD Lab	1	B	8	JAN 2012
02	ED9221	Finite Element Methods in Mechanical Design	4	D	6	JUN 2012
02	ED9222	Vibration Analysis and Control	4	D	6	JUN 2012
02	ED9223	Mechanisms Design and Simulation	4	D	6	JUN 2012
02	ED9224	Mechanical Behavior of Materials	3	C	7	JUN 2012
02	ED9258	Industrial Robotics and Expert systems	3	B	8	JUN 2012
02	ED9266	Maintenance Engineering	3	D	6	JUN 2012
02	ED9225	Analysis and Simulation Lab	1	A	9	JUN 2012
02	ED9226	Seminar	1	A	9	JUN 2012
03	CI9222	Mechatronics in Manufacturing	3	C	7	NOV 2012
03	ED9257	Productivity Management and Re-Engineering	3	B	8	NOV 2012
03	ED9259	Design of Material Handling Equipments	3	C	7	NOV 2012
03	ED9231	Project Work (Phase I)	6	C	7	NOV 2012
04	ED9241	Project Work (Phase II)	12	B	8	JUN 2013



PROGRESS THROUGH KNOWLEDGE



*** End of Statement ***
Cumulative Grade Point Average : 6.77
Classification : FIRST CLASS



PARK COLLEGE OF ENGINEERING AND TEKHNOLGY

(Approved by AICTE, Affiliated to Anna University, Chennai, Re-accredited
by NAAC with A Grade, Accredited by NBA)

KANIYUR, COIMBATORE - 641 659.

TRANSFER CERTIFICATE

T.C. No. 10491

ADMN No. 863/2011-12

Name of the Student : UDHAYAKUMAR A
Sex : MALE
Name of Parent / Guardian : ARUMAI SELVAN D
Nationality, Religion and Caste : INDIAN, HINDU, PALLAN
Date of Birth as entered in the Admission Register : 30.05.1987
Date of Admission : 12.09.2011
Date of Leaving : 21.08.2013
Class in which the student was studying at the time of leaving : FINAL YEAR ME. ENGINEERING DESIGN COURSE COMPLETED
Whether qualified for promotion to a higher class : REFER THE MARKSHEET
Whether the student has paid all fees due to the institution : YES
Date of application for T.C : 16.12.2020
Reasons for applying for the T.C : COURSE COMPLETED
Conduct and Character : GOOD

Station :

Date :



Student's Signature

PRINCIPAL

PRINCIPAL
PARK COLLEGE OF ENGINEERING AND TECHNOLOGY
AVINASI ROAD, KANIYUR,
KARUMATHAMPATTI POST,
COIMBATORE - 641 659.

Rathinam Technical Campus

Approved by AICTE, New Delhi and Affiliated to Anna University

Rathinam Techzone,
Pollachi Road, Eachanari,
Coimbatore, TamilNadu, India - 641021.

Phone : 0422 4040905 / 10
FAX : 0422 4040902
email : info@rathinamcollege.com

www.rathinamcollege.com



RATHINAM

REF NO: RTC/Ser Cer/ 2015-2016/08

Date: 30.07.2015

SERVICE CERTIFICATE

This is to certify that **Mr. A.Udhayakumar** has worked as an Assistant Professor in the Department of Mechanical Engineering in our institution from 02.07.2013 to 30.07.2015. He has relieved from his service on 30.07.2015 at his own request.

His conduct and character has been uniformly good during his tenure.



Principal

PRINCIPAL

Rathinam Technical Campus
Pollachi Main Road,
Eachanari, Coimbatore - 641 02

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

A UDHAYAKUMAR
ARUMAISELVAN
30/05/1987

Permanent Account Number
ACEPU0642C

[Signature]
Signature



In case this card is lost / found, kindly inform / return to:
Income Tax PAN Services Unit, UTTSL
Plot No. 3, Sector 11, CBD Belapur,
Navi Mumbai - 400 614.

इस कार्ड के खोने/पाने पर कृपया सूचित करें/लौटायें :-
आयकर पैन सेवा यूनिट, ए.टी.एस.एल.
प्लॉट नं: 3, सेक्टर 11, सी.बी.डी. बेलपुर,
नवी मुंबई-400 614.

[Handwritten Signature]



सत्यमेव जयते



Government of India



AADHAAR

இந்திய அரசாங்கம்
Government of India

பதிவு அடையாளம் / Enrollment No : 489205350616

31.03.2014

To
Udhayakumar A
உதயக்குமார் அ
S/O Arumaiselvan
6/787
SOUTH STREET
VADAKKUPATTI
Poolangal
Poolangal, Virudhunagar
Tamil Nadu - 626114
9597906369



KL795076536FT

79507653



உங்கள் அடையாள எண் / No. :

4892 0535 0616

- சாதாரண மனிதன் அதிகாரம்



இந்திய அரசாங்கம்
Government of India

உதயக்குமார் அ
Udhayakumar A



DOB: 30/05/1978
Male

4892 0535 0616

- சாதாரண மனிதன் அதிகாரம்



ஆதார்

இந்தியத்தின் மட்டுமல்லாமல் ஆணைய அமைப்பு
Unique Identification Authority of India

முகவரி: S/O அருமைசெல்வன்
6/787 தெற்கு தெரு வடக்குப்படி
பூலாங்கால், பூலாங்கால், விருதுநகர்
தமிழ்நாடு, 626114

Address: S/O: Arumaiselvan,
6/787, SOUTH STREET,
VADAKKUPATTI, Poolangal,
Poolangal, Virudhunagar,
Tamil Nadu, 626114

4892 0535 0616

1947
1800 300 1947

help@uidai.gov.in

www.uidai.gov.in

- தகவல்
- ஆதார் அடையாளத்திற்கான சான்று குடியரிமைக்கு அல்ல.
 - அடையாள சான்றை இணையதளம் மூலம் உறுதிப்படுத்திக் கொள்ளவும்.

INFORMATION

- Aadhaar is proof of identity, not of citizenship.
- To establish identity, authenticate online.

- ஆதார் நாடு முழுவதிலும் செல்லுபடியாகும்.
- வருங்காலத்தில் அரசு மற்றும் அரசு சாரா சேவைகளை பயன்படுத்திக் கொள்ள ஆதார் உதவிகரமாக இருக்கும்.
- Aadhaar is valid throughout the country.
- Aadhaar will be helpful in availing Government and Non-Government services in future.

கி.பி. 6609/2002 கம்மி

8. 2002 CP-26-4-3,00,000 Cps.-25-5-95

SC

சான்றிதழ் எண் : 316
Certificate No



மாவட்டக் குறியீடு எண் :
District Code

வட்டக் குறியீடு எண் :
Taluk Code

கிராமக் குறியீடு எண் :
Village Code

1	7	
0	4	
0	8	0

759566

சாதிச் சான்றிதழ் COMMUNITY CERTIFICATE

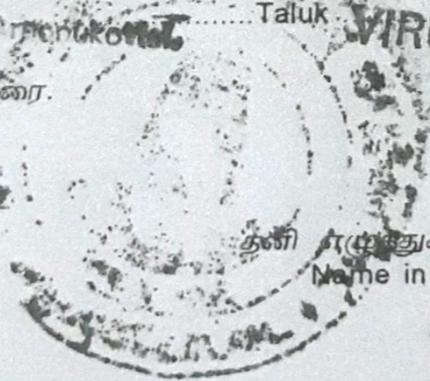
கிராமம்: மாவட்டம்: அகப்பக்கோட்டை வட்டம்
 தூவாரங்குடி (அகப்பக்கோட்டை) கிராமம்/நகரம், திரு / திருமதி / செல்வி /
 செல்வன் உதயகுமார் தகப்பனார் /
 கணவர் பெயர் அ. சுவாமிசேலன் கி. ப. சிவசாமிநாதன்
 வகுப்பைச் சார்ந்தவர், தாழ்த்தப்பட்டோர் மற்றும் பழங்குடியினர் உத்தரவுகள்
 (திருத்தப்பட்ட) சட்டம் 1976, வரிசை எண். 49-ன் படி தாழ்த்தப்பட்ட
 பிரிவைச் சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that Udaya Kumar Son / Daughter
 of Thiru. A. Swami Selvan of Thoolangal
Udaya Pathi Village / Town, Perunkottai Taluk,
VIRUDHUNAGAR District of the State of Tamil Nadu belongs to
Hindu Kallan Community, which is recognised
 as a Scheduled Caste as per the Scheduled Castes and Scheduled Tribes
 Orders (Amendment) Act, 1976, vide Serial No. 49.

2. திரு / திருமதி / செல்வன் / செல்வி உதயகுமார்
 என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் திருத்தூர்
 மாவட்டத்தில் அகப்பக்கோட்டை வட்டத்தில் தூவாரங்குடி (அகப்பக்கோட்டை)
 கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru/Tmt./Selvan/Selvi Udaya Kumar and
 his/her family ordinarily reside(s) at Thoolangal (Udaya Pathi) Village/Town
Perunkottai Taluk, **VIRUDHUNAGAR** District of Tamil Nadu.

முத்திரை.
Seal



கையொப்பம்
Signature :

நாள் :
Date :

தனி எழுத்துக்களில் பெயர் :
Name in Capital Letters :

பதவிப் பெயர் :
Designation :

Dr. S. S. Srinivasan
 மதுவாய் வட்டியல்
 அகப்பக்கோட்டை

செல்வன்

S. Srinivasan