



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

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:27-06-2020

Department	MECHANICAL ENGINEERING	Application No.	20200156
Area of Research	WIND TURBINE	Research Mode	FULL TIME

**Name** :PRIYADHARSHINI V  
**Date of Birth / Age** :10-07-1996 / 24 Years  
**Gender** :FEMALE  
**Category** :BC  
**e-Mail ID** :priyadharshini10896@gmail.com  
**Mobile** :9688796543



<b>Father's/Husband's Name</b>	VENUGOPAL A	<b>Father's/Husband's Occupation</b>	BUSINESS
<b>Family Income</b>	120000	<b>Residential Type</b>	RURAL
<b>Birth Place</b>	TRICHY	<b>Mother Tongue</b>	TAMIL
<b>Religion</b>	HINDU	<b>Marital Status</b>	SINGLE
<b>Aadhaar No.</b>	693674857169	<b>PAN No.</b>	DGFPP2104G
<b>Physically Challenged</b>	NO	<b>Type of Disability</b>	-
<b>Address for Communication:</b> 5/1, 10TH CROSS, GANDHI NAGAR, MANNACHANALLUR. TIRUCHIRAPPALLI DISTRICT TAMILNADU INDIA Pin-621005		<b>Permenant Address:</b> 5/1 10TH CROSS, GANDHI NAGAR, MANNACHANALLUR. TIRUCHIRAPPALLI DISTRICT TAMILNADU INDIA Pin-621005	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.E	ENGINEERING DESIGN	ANNA UNIVERSITY/ ANNA UNIVERSITY REGIONAL CAMPUS	2019	87	1	REGULAR
B.E	AERONAUTICAL ENGINEERING	ANNA UNIVERSITY/ JJ COLLEGE OF ENGINEERING AND TECHNOLOGY	2017	75	1	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
20200156_200627203739	SHMP8939066686	27-06-2020	600	SUCCESS

## **Project proposal outlines:**

1. Tentative title
2. Introduction
3. Existing method
4. Problem identification
5. Problem rectification (proposed method )

### **1. Title:**

Design and analysis of low wind speed wind turbine airfoils.

### **2. Introduction:**

India is one of the development countries. It not a developed country. Then India is mostly around the agriculture land in 50% of earth. The wind turbine is used to generate the electricity and this electricity is used to agriculture and other domestic purpose of the real time.

### **3. Existing method:**

The already variety of wind turbine airfoil is available here but that wind turbine make in NACA series airfoils.

### **4. Problem identification:**

- NACA series type airfoils are not generating the electricity at low wind speed .due to low lift and drag coefficient produced. so do not self start the turbine.
- That time some initial torque is given to run the turbine.

### **5. Proplem rectification (proposed method):**

The wind turbine airfoil is replaced from NACA series type to FX (waving type) airfoils.

# Anna University



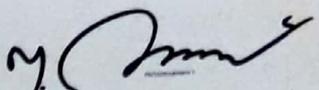
Reg.No. 811313101029/RG

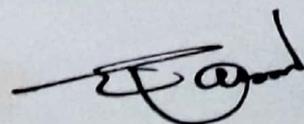
The Syndicate of the Anna University hereby makes known that **PRIYADHARSHINI V** has been admitted to the **DEGREE OF BACHELOR OF ENGINEERING** in **AERONAUTICAL ENGINEERING** under the Faculty of Mechanical Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **FIRST CLASS** at the Examination held in **APRIL 2017**.

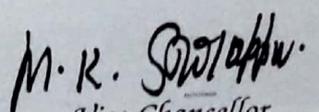
Given under the Seal of the University



Chennai 600 025  
India  
June 2018

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

# ANNA UNIVERSITY

CHENNAI - 600 025



## PROVISIONAL CERTIFICATE

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

Folio No.: **AUQ1059010**

Name : **PRIYADHARSHINI V**

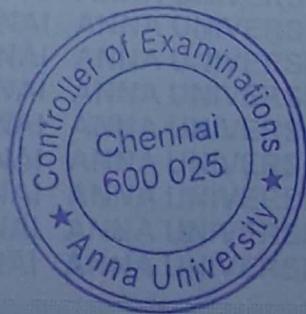
Registration Number : **710017408005**

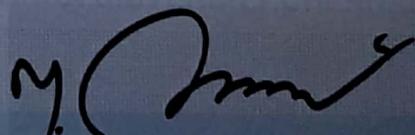
Degree : **M.E.**

Branch/Specialization : **Engineering Design**

Month and Year of Passing: **April 2019**

Classification : **FIRST CLASS WITH DISTINCTION**



  
Controller of Examinations i/c

Chennai - 600 025.

Date : 19/06/2019

P113117221118V



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



P113117221118V

Folio No. AUQ1059010

NAME OF THE CANDIDATE	PRIYADHARSHINI V			REGISTER NO.	710017408005
DATE OF BIRTH	10-JUL-96	GENDER	FEMALE	MONTH & YEAR OF LAST APPEARANCE	APR 2019
COLLEGE OF STUDY	REGIONAL CENTRE OF ANNA UNIVERSITY, COIMBATORE			REGULATIONS	2017
PROGRAMME & BRANCH	M.E. Engineering Design				

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	ED5151	Computer Applications in Design	3	A	8	JAN 2018
01	ED5152	Quality Concepts in Design	3	A+	9	JAN 2018
01	ED5153	Advanced Finite Element Analysis	3	A	8	JAN 2018
01	ED5191	Engineering Fracture Mechanics	3	A	8	JAN 2018
01	MA5156	Applied Mathematics for Engineers	4	B	6	JAN 2018
01	CC5292	Additive Manufacturing and Tooling	3	A	8	JAN 2018
01	ED5161	CAD Laboratory	2	O	10	JAN 2018
01	ED5162	Advanced Analysis and Simulation Laboratory	2	O	10	JAN 2018
02	ED5251	Mechanisms Design and Simulation	3	A	8	APR 2018
02	ED5252	Mechanical Behavior of Materials	3	B+	7	APR 2018
02	ED5253	Integrated Mechanical Design	3	A+	9	APR 2018
02	ED5254	Vibration Analysis and Control	3	B	6	APR 2018
02	ED5003	Advanced Metal Forming Techniques	3	A	8	APR 2018
02	ED5004	Surface Engineering	3	A	8	APR 2018
02	ED5211	Design Project	2	O	10	APR 2018
02	ED5261	Vibration Laboratory	1	O	10	APR 2018
03	PD5091	Product Lifecycle Management	3	A+	9	NOV 2018
03	ED5005	Design of Hydraulic and Pneumatic Systems	3	A	8	NOV 2018
03	ED5078	Composite Materials and Mechanics	3	A+	9	NOV 2018
03	ED5311	Project Work Phase I	6	O	10	NOV 2018
04	ED5411	Project Work Phase II	12	O	10	APR 2019

\*\*\* End of Statement \*\*\*

**Cumulative Grade Point Average : 8.63**

**Classification : FIRST CLASS WITH DISTINCTION**



Medium of Instruction : ENGLISH

Chennai - 600 025.

Date: 19/06/2019

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS



# ANNA UNIVERSITY, CHENNAI - 600 025

## B.E. DEGREE EXAMINATIONS

### CONSOLIDATED STATEMENT OF GRADES

Folio No. **AU1064689**  
P1379K30912V



NAME OF THE CANDIDATE				REGISTER NO.				REGULATIONS					
PRIVADHARSHINI V				811313101029				2013					
COLLEGE OF STUDY				GENDER				DATE OF BIRTH					
J.A.COLLEGE OF ENGINEERING AND TECHNOLOGY				FEMALE				10-JUL-96					
PROGRAMME & BRANCH				MONTH & YEAR OF LAST APPEARANCE				MEDIUM OF INSTRUCTION					
B.E. Aeronautical Engineering				April 2017				English					
SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF EXAMINING	SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF EXAMINING
01	CY6151	Engineering Chemistry - I	3	C	7	JAN 2014	05	AE6503	Aerodynamics - II	4	D	6	APR 2016
01	GE6151	Computer Programming	3	C	7	JAN 2014	05	AE6504	Propulsion-II	3	B	8	NOV 2015
01	GE6152	Engineering Graphics	4	E	5	JAN 2014	05	AE6505	Control Engineering	3	B	8	NOV 2015
01	HS6151	Technical English - I	4	C	7	JAN 2014	05	GE6351	Environmental Science and Engineering	3	C	7	NOV 2015
01	MA6151	Mathematics - I	4	E	5	JAN 2014	05	AE6511	Aircraft Structures Laboratory-II	2	S	10	NOV 2015
01	PH6151	Engineering Physics - I	3	D	6	JAN 2014	05	AE6512	Propulsion Laboratory	2	S	10	NOV 2015
01	GE6161	Computer Practices Laboratory	2	B	8	JAN 2014	06	GE6674	Communication and Soft Skills - Laboratory Based	2	C	7	NOV 2015
01	GE6162	Engineering Practices Laboratory	2	S	10	JAN 2014	06	AE6801	Finite Element Methods	4	D	6	APR 2016
01	GE6163	Physics and Chemistry Laboratory - I	1	A	9	APR 2014	06	AE6602	Vibrations and Elements of Aeroelasticity	3	B	8	APR 2016
02	CY6251	Engineering Chemistry - II	3	E	5	APR 2014	06	AE6603	Composite Materials and Structures	3	C	7	APR 2016
02	GE6252	Basic Electrical and Electronics Engineering	4	E	5	APR 2014	06	AE6604	Aircraft Materials and Processes	3	C	7	APR 2016
02	GE6253	Engineering Mechanics	4	E	5	APR 2014	06	MG6851	Principles of Management	3	B	8	APR 2016
02	HS6251	Technical English - II	4	C	7	APR 2014	06	AE6002	Aircraft General Engineering and Maintenance Practices	5	B	8	APR 2016
02	MA6251	Mathematics - II	4	E	5	APR 2014	06	AE6611	Aero Engine and Airframe Laboratory	2	S	10	APR 2016
02	PH6251	Engineering Physics - II	4	C	7	APR 2014	06	AE6612	Aircraft Design Project - I	2	S	10	APR 2016
02	GE6261	Computer Aided Drafting and Modeling Laboratory	3	B	8	APR 2014	06	AE6613	Computer Aided Simulation Laboratory	2	S	10	APR 2016
02	GE6262	Physics and Chemistry Laboratory - II	1	A	9	APR 2014	07	AE6701	Aeronomics	2	B	8	NOV 2016
03	AE6301	Aero Engineering Thermodynamics	3	B	8	NOV 2014	07	AE6702	Experimental Stress Analysis	3	B	8	NOV 2016
03	AE6302	Elements of Aeronomics	3	A	9	NOV 2014	07	GE6757	Total Quality Management	3	B	8	NOV 2016
03	CE6451	Fluid Mechanics and Machinery	3	E	5	NOV 2014	07	ME6014	Computational Fluid Dynamics	3	A	9	NOV 2016
03	CE6452	Solid Mechanics	3	A	9	NOV 2014	07	AE6007	Fatigue and Fracture	3	S	10	NOV 2016
03	MA6351	Transforms and Partial Differential Equations	4	C	7	NOV 2014	07	AE6009	Industrial Aerodynamics	3	B	8	NOV 2016
03	ME6352	Manufacturing Technology	3	E	5	NOV 2014	07	AE6711	Aircraft Design Project - II	2	A	9	NOV 2016
03	AE6311	Thermodynamics Laboratory	2	S	10	NOV 2014	07	AE6712	Aircraft Systems Laboratory	2	S	10	NOV 2016
03	AE6312	CAM and Manufacturing Laboratory	2	S	10	NOV 2014	07	AE6713	Aircraft Integration Systems and Control Laboratory	2	S	10	NOV 2016
03	CE6315	Strength of Materials Laboratory	2	S	10	NOV 2014	08	AE6801	Flight Tunnel Techniques	3	B	8	APR 2017
03	CE6461	Fluid Mechanics and Machinery Laboratory	2	S	10	NOV 2014	08	AE6015	Wind Tunnel Techniques	3	D	6	APR 2017
04	AE6401	Aerodynamics - I	3	E	5	APR 2015	08	AE6811	Rockets and Missiles	3	D	6	APR 2017
04	AE6402	Aircraft Systems and Instruments	3	D	6	APR 2015	08		Project Work	6	S	10	APR 2017
04	AE6403	Aircraft Structures - I	4	A	9	APR 2015							
04	AE6404	Propulsion - I	4	A	9	APR 2015							
04	AT6302	Mechanics of Machines	3	E	5	APR 2015							
04	MA6459	Numerical Methods	4	D	6	APR 2015							
04	AE6411	Aircraft Structures Laboratory - I	4	E	5	APR 2015							
04	AE6412	Aerodynamics Laboratory	2	S	10	APR 2015							
04	AE6413	CAD and Aircraft Component Drawing	2	S	10	APR 2015							
05	AE6501	Flight Dynamics	2	S	10	APR 2015							
05	AE6502	Aircraft Structures - II	4	D	6	NOV 2015							

\*\*\* End of Statement \*\*\*  
Cumulative Grade Point Average : 7.48  
Classification : FIRST CLASS

SEM - Semester, C - Credits, LG - Letter Grade, GP - Grade Point

Range of Marks	91 - 100	81 - 90	71 - 80	61 - 70	57 - 60	50 - 56	< 50
Letter Grade	S	A	B	C	D	E	U
Grade Point	10	9	8	7	6	5	0

SIGNATURE OF THE STUDENT

CONTROLLER OF EXAMINATIONS



**ANNA UNIVERSITY REGIONAL CAMPUS - COIMBATORE**  
**ANNA UNIVERSITY, CHENNAI - 600 025**

**TRANSFER CUM CONDUCT CERTIFICATE**

**03 JUL 2019**

TC NO : 183110006

DATE :

- |  |   |   |  |
|--|---|---|--|
| 1. REGISTER NUMBER                                     | : | 710017408005                                    |  |
| 2. NAME OF THE STUDENT                                 | : | PRIYADHARSHINI V                                |  |
| 3. NAME OF THE FATHER/ MOTHER / GUARDIAN               | : | VENUGOPAL A                                     |  |
| 4. DATE OF BIRTH (AS ENTERED IN SSLC MARK SHEET)       | : | 10-07-1996 ( TENTH OF JULY NINETEEN NINETY SIX) |  |
| 5. GENDER  | : | FEMALE  |  |
| 6. NATIONALITY, RELIGION                               | : | INDIAN, HINDU                                   |  |
| 7. COMMUNITY AND CASTE                                 | : | BC, VANIYAR                                     |  |
| 8. AADHAR NUMBER                                       | : | 6936 7485 7169                                  |  |
| 9. DATE OF ADMISSION                                   | : | 06-09-2017                                      |  |
| 10. DEGREE TO WHICH THE STUDENT WAS ADMITTED / STUDIED | : | M.E. ENGINEERING DESIGN                         |  |
| 11. DURATION OF DEGREE                                 | : | 4 SEMESTERS                                     |  |
| 12. SEMESTER STUDIED AT THE TIME OF LEAVING            | : | 4 th SEMESTER                                   |  |
| 13. WHETHER COMPLETED THE DEGREE                       | : | REFER UNIVERSITY MARK STATEMENT                 |  |
| 14. ACTUAL DATE OF LEAVING                             | : | 22-05-2019                                      |  |
| 15. CONDUCT AND CHARACTER                              | : | GOOD  |  |

SEAL



DEAN

ANNA UNIVERSITY REGIONAL  
CAMPUS - COIMBATORE

Generated by Dean's Office through Administrative Data Management System (ADaMS)@KDC  
03/07/2019 16:36:34 Anna University, Chennai.

आयकर विभाग

INCOME TAX DEPARTMENT

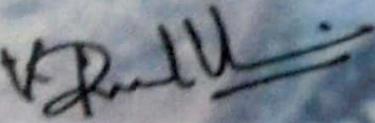
V PRIYADARSHINI

VENUGOPAL

10/08/1996

Permanent Account Number

DGFPP2104G



Signature



भारत सरकार

GOVT. OF INDIA





UNION OF INDIA Driving Licence (Tamil Nadu)



DL. No. **TN48 20190003198**

(NT)



Date of Issue  
**14-10-2019**

Valid Till  
(NT) **09-07-2036**



Date of Birth  
**10-07-1996**

Blood Group  
**A+**

Name  
**PRIYADHARSHINI V**

Son/Daughter/Wife of  
**VENUGOPAL**



SLNO: 352/06

dt/ (5/06

5

GCP-26-1-2,00,000 Cps -10-6-2004

R.Dis...../200 dt.

BC



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

1	0
0	7
0	1
	4

சான்றிதழ் எண் :  
Certificate No. :

6407417

சாதிச் சான்றிதழ்  
COMMUNITY CERTIFICATE

**தேச்சராப்பள்ளி** மாவட்டம் **மண்ணாச்சநல்லூர்** வட்டம்  
மண்ணாச்சநல்லூர் கிராமம்/நகரம், திரு / திருமதி / செல்வி /  
செல்வன் / செல்வி / **மாரியத்திரை** தகப்பனார்/கணவர்  
பெயர் **வேணுகேசவன்**  
**இந்தி - உமாணிபதி**  
வகுப்பைச் சார்ந்தவர், அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும்  
மிகவும் பிற்பட்ட பிரிவின் நலத் துறை, நாள் 19-7-1994 வரிசை எண் 13) படி,  
பிற்பட்ட 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 Backward Class 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 **மாரியத்திரை**  
என்பவரும் அவரது குடும்பத்தினரும் தமிழ்நாட்டின் **தேச்சராப்பள்ளி**  
மாவட்டத்தில் **மண்ணாச்சநல்லூர்** வட்டத்தில் **மண்ணாச்சநல்லூர்**  
கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

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

முத்திரை.  
Seal.



கையொப்பம் :  
Signature :  
திகதி :  
Date :  
பெயர் (முத்திரைக்காரர்)  
Name (in capital letters)  
தலைப்பு :  
Designation :

**23/06**

**மண்டல குணை வட்டாட்சித் துறை**  
**மண்ணாச்சநல்லூர்**