



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:18-06-2020

Department	ELECTRONICS AND COMMUNICATION ENGINEERING	Application No.	20200097
Area of Research	EMBEDDED SYSTEM-IMAGE PROCESSING	Research Mode	FULL TIME

Name :SHAMYUKTHABANU T

Date of Birth / Age :14-04-1996 / 24 Years

Gender :FEMALE

Category :MBC

e-Mail ID :shamyuktha14@gmail.com

Mobile :9787762149



Father's/Husband's Name	THAVAMANI S M	Father's/Husband's Occupation	HEAD MASTER
Family Income	10 LAKHS	Residential Type	RURAL
Birth Place	THENI	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	607883860618	PAN No.	0
Physically Challenged	NO	Type of Disability	-

Address for Communication: 3/178 K.K.G NAGAR, KAMATCHI ILLAM PERAIYUR MADURAI DISTRICT TAMILNADU INDIA Pin-625703	Permenant Address: 3/178 K.K.G NAGAR, KAMATCHI ILLAM PERAIYUR MADURAI DISTRICT TAMILNADU INDIA Pin-625703
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Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.E	ELECTRONICS AND COMMUNICATION ENGINEERING	ANNA UNIVERSITY/KALASALINGAM INSTITUTE OF TECHNOLOGY	2017	77.9	FIRST CLASS	REGULAR
M.E	EMBEDDED SYSTEM TECHNOLOGIES	ANNA UNIVERSITY/NATIONAL ENGINEERING COLLEGE	2020	91.6(UPTO THIRD SEMESTER)	FIRST CLASS	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status

20200097_200622115735	SHMP8921532701	22-06-2020	600	SUCCESS
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COTTON CROP MONITORING SYSTEM USING CNN

ABSTRACT:

Agriculture is main occupations of India. Cotton known as “White gold”. It is one of the most important fiber and cash crop of India and plays a dominant role in the industrial and agricultural economy of the country. It provides the basic raw material (cotton fiber) to cotton textile industry. Cotton crop is highly prone to pests and diseases. Employing people in cotton disease classification task is quite laborious and time consuming. Here, an automatic cotton disease classification, cotton stages and weed in cotton is essential. Using the idea of convolution neural network (CNN) is implementing to give the solution of above problems and to develop an embedded system using ZYNQ ZCU104 FPGA. Common diseases in cottons are cercospora leaf spot, fusarium wilt, verticillium wilt, curl disease, bacteria blight, cotton boll disease etc.

OBJECTIVE:

- To develop a system with low cost.**
- To detect the symptoms of diseases as early as they appear on the growing plant.**
- To develop compact and portable one.**
- Using Google colab platform to increase the dataset count and to get better accuracy.**

Anna University



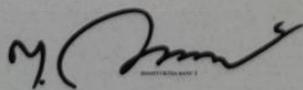
Reg.No. 951513106082/RG

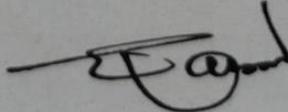
The Syndicate of the Anna University hereby makes known that
SHAMYUKTHA BANU T *has been admitted to the* **DEGREE OF**
BACHELOR OF ENGINEERING *in* **ELECTRONICS AND**
COMMUNICATION ENGINEERING *under the Faculty of*
Information and Communication Engineering, having completed the
prescribed programme 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** .

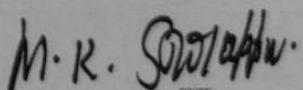
Given under the Seal of the University



Chennai 600 025
India
June 2018


Controller of Examinations


Registrar


Vice-Chancellor

ANNA UNIVERSITY, CHENNAI - 600 025

B.E. DEGREE EXAMINATIONS

CONSOLIDATED STATEMENT OF GRADES



Folio No. **AUU1087862**
S1149384410577

NAME OF THE CANDIDATE		REGISTER NO.		REGULATIONS		2013	
COLLEGE OF STUDY		GENDER		DATE OF BIRTH		14-APR-96	
PROGRAMME & BRANCH		MONTH & YEAR OF LAST APPEARANCE		MEDIUM OF INSTRUCTION		English	
SEM	COURSE CODE	COURSE TITLE	SEM	COURSE CODE	COURSE TITLE	C	GP
			MONTH & YEAR OF PASSING			LG	GP
01	CY6151	Engineering Chemistry - I	JAN 2014	GE6351	Environmental Science and Engineering	3	7
01	GE6151	Computer Programming	JAN 2014	EC6511	Digital Signal Processing Laboratory	2	9
01	GE6152	Engineering Graphics	JAN 2014	EC6512	Communication System Laboratory	2	9
01	HS6151	Technical English - I	JAN 2014	EC6513	Microprocessor and Microcontroller Laboratory	2	10
01	MA6151	Mathematics - I	JAN 2014	CS6303	Computer Architecture	3	7
01	PH6151	Engineering Physics - I	JAN 2014	CS6551	Computer Networks	3	8
01	GE6161	Computer Practices Laboratory	JAN 2014	EC6601	VLSI Design	3	7
01	GE6162	Engineering Practices Laboratory	JAN 2014	EC6602	Antenna and Wave Propagation	3	8
01	GE6163	Physics and Chemistry Laboratory - I	JAN 2014	MG6851	Principles of Management	3	7
02	CY6251	Engineering Chemistry - II	APR 2014	EC6001	Medical Electronics	3	8
02	EC6201	Electronic Devices	APR 2014	EC6611	Computer Networks Laboratory	2	10
02	EC6201	Circuit Theory	APR 2014	EC6612	VLSI Design Laboratory	2	10
02	HS6251	Technical English - II	APR 2014	GE6674	Communication and Soft Skills - Laboratory Based	2	8
02	MA6251	Mathematics - II	APR 2014	EC6701	RF and Microwave Engineering	3	9
02	PH6251	Engineering Physics - II	APR 2014	EC6702	Optical Communication and Networks	3	9
02	EC6211	Circuits and Devices Laboratory	APR 2014	EC6703	Embedded and Real Time Systems	3	7
02	GE6262	Physics and Chemistry Laboratory - II	APR 2014	EC6004	Satellite Communication	3	8
03	EC6301	Object Oriented Programming and Data Structures	NOV 2014	EC6011	Electro Magnetic Interference and Compatibility	3	9
03	EC6302	Digital Electronics	NOV 2014	EC6016	Opto Electronic Devices	3	8
03	EC6303	Signals and Systems	NOV 2014	EC6711	Embedded Laboratory	2	9
03	EC6304	Electronic Circuits - I	NOV 2014	EC6712	Optical and Microwave Laboratory	2	10
03	EE6352	Electrical Engineering and Instrumentation	NOV 2014	EC6801	Wireless Communication	3	9
03	MA6351	Transforms and Partial Differential Equations	NOV 2014	EC6802	Wireless Networks	3	8
03	EC6311	Analog and Digital Circuits Laboratory	NOV 2014	GE6075	Professional Ethics in Engineering	3	9
03	EC6312	OOPS and Data Structures Laboratory	APR 2015	GE6757	Total Quality Management	3	9
04	EC6401	Electronic Circuits II	APR 2015	EC6811	Project Work	6	10
04	EC6402	Communication Theory	APR 2015	*** End of Statement *** Cumulative Grade Point Average : 7.79 Classification : FIRST CLASS			
04	EC6403	Electromagnetic Fields	APR 2015				
04	EC6404	Linear Integrated Circuits	APR 2015				
04	EC6405	Control System Engineering	APR 2015				
04	MA6451	Probability and Random Processes	APR 2015				
04	EC6411	Circuit and Simulation Integrated Laboratory	APR 2015				
04	EC6412	Linear Integrated Circuit Laboratory	APR 2015				
04	EE6461	Electrical Engineering and Control System Laboratory	APR 2015				
05	EC6501	Digital Communication	NOV 2015				
05	EC6502	Principles of Digital Signal Processing	NOV 2015				
05	EC6503	Transmission Lines and Wave Guides	NOV 2015				
05	EC6504	Microprocessor and Microcontroller	NOV 2015				

where C_i is the credits assigned to the course
 GP_i is the point corresponding to the grade obtained for each course
 n_i is the number of all courses successfully cleared during all the semesters

$$CGPA = \frac{\sum_{i=1}^n C_i GP_i}{\sum_{i=1}^n C_i}$$



T. Sriyuktha, B.E.

SIGNATURE OF THE STUDENT

CONTROLLER OF EXAMINATIONS

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

Chennai - 600 025
Date : 10/07/2017



NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution, Approved by AICTE & Affiliated to Anna University, Chennai)

K.R.NAGAR, KOVILPATTI - 628 503, INDIA.

ME Degree Examinations

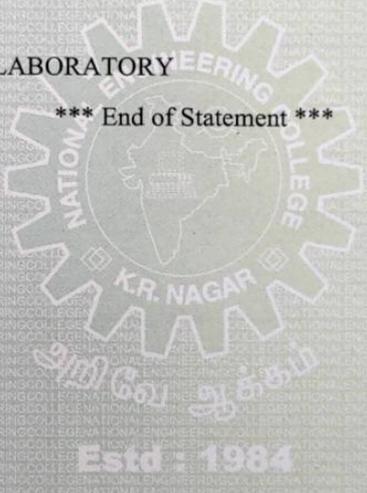


GRADE SHEET

Sl. No. D 13816

NAME OF THE CANDIDATE	SHAMYUKTHA BANU.T	REGISTER NO.	1858008
DEGREE & BRANCH	ME EMBEDDED SYSTEM TECHNOLOGIES	MONTH & YEAR OF EXAMINATION	Nov 2018
		REGULATIONS	2015
MODE	REGULAR	DATE OF PUBLICATION	02/02/2019

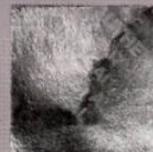
SEM. NO.	SUBJECT CODE	SUBJECT TITLE	CREDITS	GRADE	RESULT
I	15ES11C	APPLIED MATHEMATICS FOR EMBEDDED ENGINEERS	4	A	PASS
I	15ES12C	EMBEDDED AND REAL TIME OPERATING SYSTEMS	3	A+	PASS
I	15ES13C	MIXED SIGNAL PROCESSOR	3	A+	PASS
I	15ES14C	ADVANCED DIGITAL SIGNAL PROCESSOR AND PROGRAMMING	3	A+	PASS
I	15ES15C	MODERN DIGITAL SYSTEM DESIGN	3	A	PASS
I	15ES16C	INTERNET OF THINGS	3	A+	PASS
I	15ES17C	EMBEDDED SYSTEM LABORATORY	2	A+	PASS
*** End of Statement ***					



Semester	I	II	III	IV	V	VI	VII	VIII
Credits Registered	21.00							
Credits Earned	21.00							
Grade Point Average (GPA)	8.67							
Cumulative Credits Earned:	21		Cumulative Grade Point Average (CGPA): 8.67					
Medium of Instruction:	ENGLISH							

K.R. Nagar, Kovilpatti - 628 503
Date: 11-03-2019

SIGNATURE OF THE STUDENT



CONTROLLER OF EXAMINATIONS

Marks Range	91 - 100	81 - 90	71 - 80	60 - 70	50 - 59	less than 50	Others
Grade	O	A+	A	B+	B	RA	AB/SA/W
Grade Point	10	9	8	7	6	0	0

RA - Reappearance is Required

AB - Absent

SA - Shortage of Attendance

W - Withdrawal



NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution, Approved by AICTE & Affiliated to Anna University, Chennai)

K.R.NAGAR, KOVILPATTI - 628 503, INDIA.

ME Degree Examinations



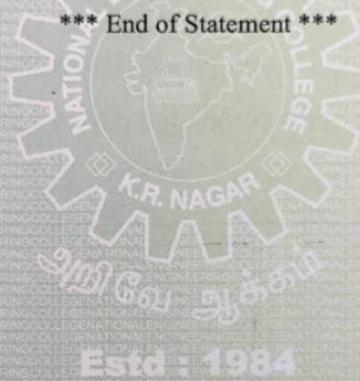
GRADE SHEET

Sl. No. D 13911

NAME OF THE CANDIDATE	SHAMYUKTHA BANU.T	REGISTER NO.	1858008
DEGREE & BRANCH	ME EMBEDDED SYSTEM TECHNOLOGIES	MONTH & YEAR OF EXAMINATION	Apr 2019
MODE	REGULAR	REGULATIONS	2015
		DATE OF PUBLICATION	12/07/2019

SEM. NO.	SUBJECT CODE	SUBJECT TITLE	CREDITS	GRADE	RESULT
II	15ES21C	LOW POWER CISC MICROCONTROLLER	3	O	PASS
II	15ES22C	MULTI CORE PROCESSOR FOR EMBEDDED SYSTEMS	3	O	PASS
II	15ES23C	EMBEDDED NETWORKING	3	A+	PASS
II	15ES24C	OPEN SOURCE MULTIMEDIA APPLICATION PROCESSOR	4	A	PASS
II	15ES12E	RISC PROCESSOR ARCHITECTURE AND PROGRAMMING	3	A+	PASS
II	15ES25C	ADVANCED EMBEDDED SYSTEM LABORATORY	2	O	PASS
II	15ES26C	RESEARCH PAPER AND PATENT REVIEW - SEMINAR	2	O	PASS

*** End of Statement ***



Semester	I	II	III	IV	V	VI	VII	VIII
Credits Registered	21.00	20.00						
Credits Earned	21.00	20.00						
Grade Point Average (GPA)	8.67	9.30						
Cumulative Credits Earned:	41		Cumulative Grade Point Average (CGPA) : 8.98					
Medium of Instruction: ENGLISH								

K.R. Nagar, Kovilpatti - 628 503

Date : 01-08-2019

SIGNATURE OF THE STUDENT



CONTROLLER OF EXAMINATIONS

Signature

Marks Range	91 - 100	81 - 90	71 - 80	60 - 70	50 - 59	less than 50	Others
Grade	O	A+	A	B+	B	RA	AB/SA/W
Grade Point	10	9	8	7	6	0	0

RA - Reappearance is Required

AB - Absent

SA - Shortage of Attendance

W - Withdrawal

NATIONAL ENGINEERING COLLEGE

K.R. NAGAR, KOVILPATTI

3-RD SEMESTER GRADE SHEET

SUBJECT CODE	SUBJECT TITLE	CREDITS	GRADE
15ES05 E	VLSI ARCHITECTURE AND DESIGN METHODOLOGIES	3	A ⁺
15ES10 E	EMBEDDED WIRELESS SENSOR NETWORKS	3	A ⁺
15ES11 E	EMBEDDED LINUX	3	A ⁺
15ES31 E	WIND ENERGY CONVERSION SYSTEM	3	A
15ES31 C	PROJECT WORK PHASE I	6	O

GRADE POINT AVERAGE (GPA): 9.20

CUMULATIVE GRADE POINT AVERAGE: 9.10
(CGPA)

SIGNATURE:

Pohamyuktha Banu

From

T. Shamyuktha Banu,
3/178, Kamatchi Illam,
K.K.G. Nagar,
Perraiyur.

TO

The Dean
KARE Research & Development Department.
Kalasalingam Academic of Research & Education
Krishnankoil

Respected sir,

Sub: ME - Transfer certificate submission.

I am T. Shamyuktha Banu. I am finished my final year viva voce before 2 days dated on 20/06/2020. In my (National Engineering College, Kovilpatti) college, they will provide transfer certificate later due to covid 19. So, I request you to submit my transfer certificate later.

Thank you

Place: Perraiyur

Date: 22/06/2020

Yours faithfully
T. Shamyuktha Banu

NOTE: I am attached my photocopy of BE transfer certificate.

Admission No: 13ECB082

Serial No: 1875



KALASALINGAM INSTITUTE OF TECHNOLOGY

ANAND NAGAR, KRISHNAKOIL - 626 126.
Srivilliputtur(Via), Virudhunagar District, Tamilnadu.

TRANSFER CERTIFICATE

1. Name of pupil : SHAMYUKTHA BANU. T
2. Nationality, Religion, Caste : INDIAN-HINDU-SOZHIA CHETTY (MBC)
3. Date of birth (in words) as entered in the Admission Register : 14-04-1996
FOURTEEN-FOUR-NINETEEN NINETY SIX
4. Date of admission to the College : 15-07-2013
5. Class in which the pupil was studying at the time of leaving : FINAL YEAR
6. The course studied by the pupil : BE-ECE
7. Whether qualified for promotion to a higher class : Refer the mark sheet
8. Whether the pupil has paid all the fees due to the institution : YES
9. Date on which the pupil actually left the institution : 13-04-2017
10. Date on which application for Transfer Certificate was made on behalf of the pupil by his / her parent or guardian : 01-06-2017
11. Date of the Transfer Certificate : 01-06-2017
12. Conduct and Character : Good



Date: 3.8.2017.

S. Han
Principal

PRINCIPAL
KALASALINGAM INSTITUTE OF TECHNOLOGY
ANAND NAGAR,
KRISHNANKOIL-626126



இந்திய அரசாங்கம்

Government of India



சம்யுக்தாபானு தவமணி

Shamyukthabanu Thavamani

தந்தை : தவமணி

Father : Thavamani

பிறந்த நாள் / DOB : 14/04/1996

பெண்பால் / Female



6078 8386 0618

ஆதார் - சாதாரண மனிதனின் அதிகாரம்



இந்திய தனிப்பட்ட அடையாள ஆண்ணய அமைப்பு

Unique Identification Authority of India

முகவரி:

D/O: தவமணி, 3/178, கே கே ஜி
நகர், பேரையூர் பி
தொட்டியபட்டி போஸ்ட்,
பேரையூர், மதுரை, பேரையூர்,
தமிழ் நாடு, 625703

Address:

D/O: Thavamani, 3/178, K K G
NAGAR, PERAIYUR P
THOTTIYAPATTI POST, Peraiyur,
Madurai, Peraiyur, Tamil Nadu,
625703

6078 8386 0618



1947

1800 300 1947



help@uidai.gov.in

WWW

www.uidai.gov.in



இந்திய தேர்தல் ஆணையம்
Election Commission of India



வாக்காளர் புகைப்பட அடையாள அட்டை ELECTOR PHOTO IDENTITY CARD



ZWP1275270



வாக்காளரின் : சம்யுக்தாபானு
பெயர்

Elector's Name : SHAMYUKTHABANU

உறவினரின் : தவமணி
பெயர்

Relation's Name : THAVAMANI

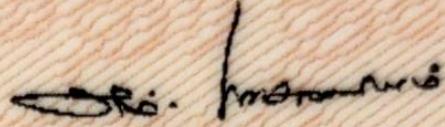
भारत निर्वाचन आयोग

இனம் / Sex : பெண் / Female

பிறந்த தேதி / வயது / DOB / Age : 14/04/1996, 18 Yrs.

முகவரி: 2-53-1-52, வண்டப்புலி, பேரையூர்,
பேரையூர்

Address: 2-53-1-52, vandapuli, peraiyur,
periayur



வாக்காளர் பதிவு அலுவலர்

Date: 31-12-2014

Electoral Registration Officer

தொகுதி எண் மற்றும் பெயர் : 197, உசிலம்பட்டி

பாகம் எண் : 307, குடிப்பட்டி (வ.கி) குடிப்பட்டி

மற்றும் பெயர் (ஊ) , குடிப்பட்டி வார்டு 1

AC NO & Name : 197, Usilampatti

Part No. & : 307, Kudipatti (R.V) Kudipatti (P) ,

Name Kudipatti Ward 1

குறிப்பு / Note :

1. வாக்காளர் புகைப்பட அடையாள அட்டை வைத்திருப்பது மட்டுமே தற்போதைய வாக்காளர் பட்டியலில் நீங்கள் வாக்காளராக இடம்பெற்றிருக்கிறீர்கள் என்பதற்கு உத்தரவாதமல்ல. ஒவ்வொரு தேர்தலுக்கு முன்பும் நடப்பிலுள்ள வாக்காளர் பட்டியலில் உங்களுடைய பெயர் உள்ளதா என்று சரிபார்க்க வேண்டும்

1. Mere Possession of Elector photo identity Card is no guarantee that you are elector in the current electoral roll. Please check your name in the current electoral roll before every election.

2. இந்த அட்டையில் குறிப்பிட்டுள்ள பிறந்த தேதியை வாக்காளர் பட்டியலில் பதிவு செய்யும் நோக்கத்திற்கு அல்லாது, வேறு எதற்கும் வயது/பிறந்த தேதி குறித்த சான்றாகக் கொள்ளக்கூடாது.

2. Date of birth mentioned in this card shall not be treated as proof of age / D. O. B. for any purpose other than registration in electoral roll.

2015 / 24 / 197 / 307 / 0004

E/NO! 142/05

GCP-26-2 -3,00,000 Cps.-22-3-96

Dis...../9 dt.

MBC

சான்றிதழ் எண் :
Certificate No :மாவட்டக் குறியீடு எண் :
District Codeவட்டக் குறியீடு எண் :
Taluk Codeகிராமக் குறியீடு எண் :
Village Code

1	4	
1	0	
0	2	5

1260771 சாதிச் சான்றிதழ் COMMUNITY CERTIFICATE

மதுரை மாவட்டம் பேரையூர் வட்டம்
கிராமம்/நகரம், திரு. / திருமதி / செல்வி/
செல்வன் த. சமீயுக்கீரா பானு தகப்பனார்/
கணவர் பெயர் குவமணி

வகுப்பைச் சார்ந்தவர், அரசு ஆணை நிலை எண். 1566, சமூகநலத்துறை,
நாள் : 30-7-1985, வரிசை எண் 030 படி மிகவும் 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
Most Backward Class as per Government Order (Manuscript Series) No. 1566,
Social Welfare Department, dated 30th July 1985, vide Serial No.....

2. திரு / திருமதி / செல்வன் / செல்வி த. சமீயுக்கீரா பானு
என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் மதுரை
மாவட்டத்தில் பேரையூர் வட்டத்தில் குடியேற்றம்
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.

கையொப்பம் :

Signature :

நாள் :

Date :

தனி. எழுத்துக்களில் பெயர்
Name in Capital Letters

பதவிப் பெயர் :

Designation :

Headquarters Deputy Tahsildar

Peraiyur Taluk.

Madurai District.



23/5