



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

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

Date of Application:23-12-2020

Department	BIOTECHNOLOGY	Application No.	202020175
Area of Research	AGRICULTURAL MICROBIAL TECHNOLOGY	Research Mode	FULL TIME

Name :SAKKAMUTHU V

Date of Birth / Age :10-03-1998 / 22 Years

Gender :MALE

Category :OBC

e-Mail ID :v.sakkamuthu@gmail.com

Mobile :9600643409



V. Sakkamuthu

Father's/Husband's Name	VERISAKKAI AH C	Father's/Husband's Occupation	COOLIE
Family Income	48,000	Residential Type	RURAL
Birth Place	SIVAKASI	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	851723130596	PAN No.	NQKPS1622H
Physically Challenged	NO	Type of Disability	-
<b>Address for Communication:</b> 3/6 NORTH STREET, POOSARIPATTI, KAKKIVADANPATTI(PO) SIVAKASI VIRUDHUNAGAR DISTRICT TAMIL NADU INDIA Pin-626124		<b>Permenant Address:</b> 3/6 NORTH STREET, POOSARIPATTI, KAKKIVADANPATTI(PO) SIVAKASI VIRUDHUNAGAR DISTRICT TAMIL NADU INDIA Pin-626124	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.SC	BOTANY	BHARATHIAR UNIVERSITY, COIMBATORE	2020	78%	I W D	REGULAR
B.SC	BOTANY	MADURAI KAMARAJ UNIVERSITY	2018	78%	I W D	REGULAR
HSC	PURE SCIENCE	PACM HR. SEC. SCHOOL, RAJAPALAYAM	2015	82%	I	REGULAR
SSLC	SCIENCE, MATHS AND SOCIAL SCIENCE	GOVERNMENT SCHOOL	2013	80%	I	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
202020175_201223124418	VUR29586770033	23-12-2020	600	SUCCESS

## **Commercial Production of Eco-friendly Wood ash based Biofertilizer**

Wood ash is the inorganic and organic residue remaining after combustion of wood or unbleached wood fiber. Hardwoods usually produce more ash than softwoods, and the bark and leaves generally produce more ash than the inner woody parts of the tree. On average, the burning of wood results in 6 to 10 percent ashes. When ash is produced in industrial combustion systems, the temperature of combustion, cleanliness of the fuel wood, the collection location, and the process can also have profound effects on the nature of the ash material. Ash is composed of many major and minor elements which trees need for growth. Ash is also a good source of potassium, phosphorus, and magnesium. In terms of commercial fertilizer, average wood ash would be about 0-1-3 (N-P-K). Calcium is the most abundant element in wood ash and gives ash properties similar to agricultural lime. Identified three main forms of wood ash used in different studies, fly ash or loos ash (unstabilized), self-hardened crush-ash (stabilized) and pelleted and agglomerated ash (stabilized). Wood ash is generated as a by-product of combustion in wood fired power plants, paper mills, and wood burning factories. Since wood is a potential source of energy and environmentally benign friendly material, there will be increased usage of wood in energy production in the future.

### **Wood ashin Agricultural Uses**

When plant material including wood is burnt, the inorganic residue left is ash, and ash is usually readily available in subsistence farming communities. Ash is considered a waste product, though it has the potential to be used in agriculture. Wood ash is a source of Ca, which can be used in resource-limited farming situations. In fact, wood ash has been found to be a good fertilizer, and can be used as a source of plant mineral nutrients when applied to forestry and agricultural soils. Wood ash has low fertilizing properties and it can be used as a substitute for lime and limestone. This could neutralize acidic soils through supplementing Ca, K, P, Mg, and also replace the microelements that would have been depleted from the soil during plant growth and harvesting. Liming with wood ash may reduce the toxic effects of Al and Mn on plants grown in acidic soils. An indirect benefit of using wood ash as a fertilizer would be the rise in the pH level of acidic soils that would increase the bioavailability of elements such as P, Mg, Mo, and Se in plants, which in turn would be beneficial to animals consuming those plants.

*Ectomycorrhizal* fungi are important for nutrient uptake of forest trees and recent studies suggest it may play vital role in the mobilization of nutrient in the wood ash. It is important among soil microorganisms, as they form symbiotic associations with tree roots and assist in the uptake of nutrients. Reduction of the amount of industrial waste generated and reduction of imports of different fertilizers for agriculture.

In this concept of Eco-friendly based wood ash biofertilizer in Agriculture land. I like to do Research work.

Under Guidance



Dr. R. Kannan  
A.P.III, KSAH, KARE



அறிவியல் புலம்  
FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

சக்கமத்து. வி.

இப்பல்கலைக்கழகத்தில் இணைந்த

தன்னாட்சிக் கல்லூரியான

ஸ்ரீ காளிஸ்வரர் கல்லூரி, சிவகாசி

விதித்திருந்த பாடப் பயிற்சியினையும் தேர்வினையும் நன்கு முடித்த பின்னர் ஏப்ரல் 2018 இல் நடைபெற்ற தேர்வில்

தனிச்சிறப்பான காரைக்குடி படிப்பு

பெற்று தேர்வுற்றார் எனக் கல்லூரித் தேர்வு ஏற்புக்குழு பரிந்துரைத்தவாறு,

தேர்வு விடல் சீர்தர ஆய்விடல் இணைப்பு மட்டம்

பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

hereby makes known that

SAKKAMUTHU V

has been admitted to the

DEGREE OF BACHELOR OF SCIENCE IN BOTANY

he/she having successfully completed the course of studies and examination prescribed therefor by the

SRI KALISWARI COLLEGE - SIVAKASI

(an Autonomous College of this University) and upon the recommendation by the College Awards Committee and

having been placed by them in the

FIRST CLASS WITH DISTINCTION

at the Examination held in

APRIL 2018

Register No. : A5UBY036

Centre Code : 629

Given under the seal of the University



பல்கலைநகர், மதுரை - 625 021

Palkalainagar, Madurai - 625 021

தான் Dated 11 February 2019

(R)

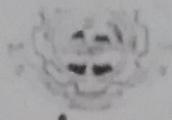
தேர்வாளையர்  
Controller of Examinations

[Signature]

பதிவாளர்  
Registrar

[Signature]

துணைவேந்தர்  
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்  
**BHARATHIAR UNIVERSITY**  
COIMBATORE - 641 046, TAMILNADU, INDIA.

State University | Re-accredited with "A" Grade by NAAC | Ranked 14<sup>th</sup> among Indian Universities by MHRD-NIRF

**COURSE COMPLETION CERTIFICATE**

This is to certify that **Mr. SAKKAMUTHU V.** student of Department of Botany,  
Bharathiar University has successfully completed the M.Sc, Botany during the academic year  
2018-2020.

for

**Signature of the**

**Head of the Department**

PROFESSOR AND HEAD  
Department of Botany  
Bharathiar University  
Coimbatore - 641 046



சான்றிதழ் எ.எண்  
Certificate S. No. SEC

1769903



அரசுத் தேர்வுகள் துறை, சென்னை - 600006  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600006

இடைநிலைப் பள்ளி இறுதி வகுப்புச் சான்றிதழ்  
**SECONDARY SCHOOL LEAVING CERTIFICATE**

புதிய பாடத்திட்டம் / NEW SYLLABUS  
பத்தாம் வகுப்பு / X STANDARD



சுயிழநாடு அரசின் அதிகாரத்திற்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMILNADU

தேர்வர் **SAKKAMUTHU V**

MAR 2013

இல் இடைநிலைப் பள்ளி இறுதி வகுப்புச் சான்றிதழ் பொதுத் தேர்வுக்கு கீழ்க்காணும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

Certified that the above mentioned candidate appeared for the Secondary School Leaving Certificate Public Examination and obtained the following marks :

பாடம் SUBJECT	பெரும் மதிப்பெண் MAX. MARKS	அளவு எண்கள் MARKS	பெற்ற மதிப்பெண்கள் MARKS OBTAINED	
தமிழ் TAMIL	10	088	ZERO EIGHT EIGHT	(P)
ஆங்கிலம் ENGLISH	10	051	ZERO FIVE ONE	(P)
கணிதம் MATHEMATICS	10	080	ZERO EIGHT ZERO	(P)
அறிவியல்* SCIENCE*	071	096	ZERO NINE SIX	(P)
செய்முறை PRACTICAL	025			
சமூக அறிவியல் SOCIAL SCIENCE	10	088	ZERO EIGHT EIGHT	(P)
மொத்தம் TOTAL	50	403	FOUR ZERO THREE	(PASS)

பிறந்த தேதி / DATE OF BIRTH 10.03.98	பதிவுணர் REGISTER NO. 1216692	ம.அ.ப.குறியீடு எண் & நாள் / TMR CODE NO & DATE A1163034 31.05.2013
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பயிற்று மொழி / MEDIUM OF INSTRUCTION TAMIL
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(15\0008)	பள்ளியின் பெயர் / NAME OF THE SCHOOL GOVT HS MAMSAPURAM
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செ. சக்கிரந்த  
தேர்வரின் ஒப்பம்  
CANDIDATE'S SIGNATURE

செயலாளர்  
மாநிலப் பள்ளித் தேர்வுகள் குழுவும் (இடைநிலை), தமிழ்நாடு  
SECRETARY  
STATE BOARD OF SCHOOL EXAMINATIONS (SEC), TAMILNADU



சான்றிதழ் வ.எண்  
Certificate Sl. No. HSG

9711759



அரசுத் தேர்வுகள் துறை, சென்னை - 600006  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600006

மேல்நிலைப் பள்ளிக் கல்விச் சான்றிதழ்  
**HIGHER SECONDARY COURSE CERTIFICATE**

பொதுக்கல்வி / GENERAL EDUCATION

தமிழ்நாடு அரசின் அதிகாரத்திற்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMILNADU



தேர்வர் **SAKKAMUTHU V**

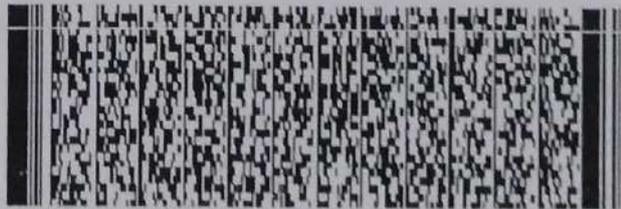
MAR 2015

இல் மேல்நிலைப்

பள்ளிக் கல்விப் பொதுத் தேர்வெழுதிக் கீழ்க்காணும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

Certified that the above mentioned candidate appeared for the Higher Secondary Public Examination and obtained the following marks :

பாடம் SUBJECT	கருத்தியல் THEORY 150	செய்முறை PRAC. 50	பெற்ற மதிப்பெண்கள் 200க்கு MARKS OBTAINED FOR 200
TAMIL			169 ONE SIX NINE (P)
ENGLISH			118 ONE ONE EIGHT (P)
PHYSICS	110	050	160 ONE SIX ZERO (P)
CHEMISTRY	110	050	160 ONE SIX ZERO (P)
BOTANY	150	050	200 TWO ZERO ZERO (P)
ZOOLOGY	127	050	177 ONE SEVEN SEVEN (P)
மொத்த மதிப்பெண்கள் TOTAL MARKS	0984	ZERO NINE EIGHT FOUR	(PASS)
பிறந்த தேதி / DATE OF BIRTH	பதிவேண் / REGISTER NO.	ம.அ.ப.குறியீட்டெண் & நாள் / TMR CODE NO. & DATE	
10.03.98	130549	G207921 07.05.2015	
பயிற்று மொழி / MEDIUM OF INSTRUCTION	பாடத்தொகுப்பு எண் / GROUP CODE		
TAMIL	208		
( 14 \ SVR411 )	பள்ளியின் பெயர் / NAME OF THE SCHOOL		
	PACM HR SEC SCHOOL RAJAPALAYAM, VIRUDHUNAGAR DIST		



v.Sakkamuthu

செயலாளர்

மாநிலப் பள்ளிக் தேர்வுகள் குழுமம்(மேல்நிலை) தமிழ்நாடு

SECRETARY

STATE BOARD OF SCHOOL EXAMINATIONS(HR SEC), TAMILNADU

CANDIDATE'S SIGNATURE



# SRI KALISWARI COLLEGE (Autonomous), SIVAKASI

(RE-ACCREDITED WITH 'A' GRADE BY NAAC)

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY, MADURAI)

## B.Sc. Botany



No. SKC 2828

### CONSOLIDATED MARKS AND GRADES

NAME OF THE CANDIDATE		D.O.B	REGISTER NO.	DATE OF PUBLICATION	EXAM. M. & YR.	CENTRE CODE								
SAKKAMUTHU.V		10/03/1998	A6UBY038	11/06/2018	APR. 2018	629								
PART	SEMESTER	COURSE CODE	COURSE TITLE	CREDITS	MAXIMUM			MARKS SECURED			GRADE POINT	GRADE	RESULT	MONTH & YEAR
					INT.	EXT.	TOT.	INT.	EXT.	TOT.				
I	1	15UTAL11	TAMIL I	3	25	75	100	19	45	64	6.4	A	P	N.16
I	2	15UTAL21	TAMIL II	3	25	75	100	20	53	73	7.3	A++	P	A.16
I	3	15UTAL31	TAMIL III	3	25	75	100	22	46	68	6.8	A+	P	N.16
I	4	15UTAL41	TAMIL IV	3	25	75	100	16	47	63	6.3	A	P	A.17
II	1	15UENL11	GENERAL ENGLISH I	3	25	75	100	17	36	53	5.3	B	P	N.16
II	2	15UENL21	GENERAL ENGLISH II	3	25	75	100	19	44	63	6.3	A	P	A.16
II	3	15UENL31	GENERAL ENGLISH III	3	25	75	100	20	46	66	6.6	A+	P	N.16
II	4	15UENL41	GENERAL ENGLISH IV	3	25	75	100	18	37	55	5.5	B+	P	A.17
III	1	15UBYA11	ALLIED I CHEMISTRY I	3	25	75	100	21	46	69	6.9	A+	P	N.15
III	1	15BYC11	ALGAE AND BRYOPHYTES	4	25	75	100	23	46	68	6.8	A+	P	N.15
III	2	15UBYA21	ALLIED CHEMISTRY II	3	25	75	100	22	53	75	7.5	D	P	A.16
III	2	15UBYA2P	LAB IN ANCILLARY CHEMISTRY	4	40	60	100	37	60	97	9.7	O+	P	A.16
III	2	15BYC21	FUNGI, LICHENS AND PLANT PATHOLOGY	4	25	75	100	22	54	76	7.6	D	P	A.16
III	2	15BYC2P	LAB IN ALGAE AND BRYOPHYTES, FUNGI, LICHENS AND PLANT PATHOLOGY	6	40	60	100	37	55	92	9.2	O	P	A.16
III	3	15UBYA31	ALLIED II ZOOLOGY I	3	25	75	100	20	37	57	5.7	B+	P	N.16
III	3	15BYC31	PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY	4	25	75	100	20	58	78	7.8	D	P	N.16
III	4	15UBYA41	ALLIED ZOOLOGY-II	3	25	75	100	21	44	65	6.5	A+	P	A.17
III	4	15UBYA4P	LAB IN ANCILLARY ZOOLOGY	4	40	60	100	32	49	81	8.1	D+	P	A.17
III	4	15BYC41	PLANT ANATOMY AND EMBRYOLOGY OF ANGIOSPERMS	4	25	75	100	23	50	73	7.3	A++	P	A.17
III	4	15BYC4P	LAB IN PTERIDOPHYTES, GYMNOSPERMS PALEOBOTANY, ANATOMY AND EMBRYOLOGY	7	40	60	100	39	55	94	9.4	O	P	A.17
III	4	15UBYO41	BIOCHEMISTRY	3	25	75	100	22	57	79	7.9	D	P	A.17
III	5	15BYC51	TAXONOMY OF ANGIOSPERMS	5	25	75	100	23	51	74	7.4	A++	P	N.17
III	5	15BYC52	PLANT PHYSIOLOGY	5	25	75	100	23	49	72	7.2	A++	P	N.17
III	5	15BYC53	CELL BIOLOGY	5	25	75	100	22	52	74	7.4	A++	P	N.17
III	5	15BYC5P	LAB IN TAXONOMY OF ANGIOSPERMS	3	40	60	100	38	53	91	9.1	O	P	N.17
III	5	15BYC5Q	LAB IN PLANT PHYSIOLOGY AND CELL BIOLOGY	3	40	60	100	36	48	86	8.6	D++	P	N.17
III	5	15BYO51	BIODIVERSITY AND CONSERVATION	3	25	75	100	22	58	80	8.0	D+	P	N.17
III	6	15BYC61	PLANT ECOLOGY AND PHYTOGEOGRAPHY	5	25	75	100	21	41	62	6.2	A	P	A.18
III	6	15BYC62	GENETICS	5	25	75	100	22	50	72	7.2	A++	P	A.18
III	6	15BYC63	MICROBIOLOGY	4	25	75	100	21	51	72	7.2	A++	P	A.18
III	6	15BYC6P	LAB IN PLANT ECOLOGY PHYTOGEOGRAPHY AND GENETICS	3	40	60	100	36	60	96	9.6	O+	P	A.18
III	6	15BYC6Q	LAB IN MICROBIOLOGY	3	40	60	100	32	52	84	8.4	D+	P	A.18
III	6	15BYO62	ECONOMIC BOTANY	3	25	75	100	23	59	82	8.2	D+	P	A.18
IV	1	15BYE11	FUNDAMENTALS OF COMPUTERS	1	25	75	100	13	42	55	5.5	B+	P	N.15
IV	1	15UCHN11	INDUSTRIAL CHEMISTRY	1	25	75	100	18	49	67	6.7	A+	P	N.15
IV	2	15BYE21	HORTICULTURE	1	25	75	100	23	59	82	8.2	D+	P	A.16
IV	2	15UENN21	ENGLISH FOR EFFECTIVE COMMUNICATION	1	25	75	100	15	44	59	5.9	B+	P	A.16
IV	3	15BYS31	HERBAL BOTANY	2	25	75	100	24	52	76	7.6	D	P	N.16
IV	3	15BYV31	MUSHROOM CULTIVATION	1	25	75	100	22	48	70	7.0	A++	P	N.16
IV	5	15BYS51	BIOLOGICAL TECHNIQUES AND BIostatISTICS	2	25	75	100	21	54	75	7.5	D	P	N.17
IV	5	15BYS52	FOREST BOTANY	2	25	75	100	22	59	81	8.1	D+	P	N.17
IV	5	15UVED51	VALUE EDUCATION	1	100	100	100	79	79	79	7.9	D	P	N.17
IV	6	15BYS61	PLANT BIOTECHNOLOGY	2	25	75	100	21	55	76	7.6	D	P	A.18
IV	6	15BYV61	BIOINFORMATICS	1	25	75	100	19	50	69	6.9	A+	P	A.18
IV	6	15UESR61	ENVIRONMENTAL STUDIES	1	25	75	100	23	37	60	6.0	A	P	A.18
V	4	15UEXT4H	YOUTH RED CROSS	1	100	100	100	88	88	88	8.8	D++	P	A.17
EXTRA CREDIT COURSE														
15UEEX1, 15UEEX2				4										
*** END OF STATEMENT ***														
CURRENT SEMESTER					CUMULATIVE PERFORMANCE									
PART	CREDITS EARNED	CGPA	PART	CREDITS EARNED	CGPA	GRADE	CLASSIFICATION							
I	—	—	I	12	6.7	A+	I CLASS							
II	—	—	II	12	5.92	B+	II CLASS							
III	23	7.58	III	99	7.83	D	I CLASS With Distinction							
IV	4	7.03	IV	16	7.23	A++								
V	—	—	V	1	6.8	D++								
			Total	140										

Medium of Instruction : ENGLISH



*(Signature)*  
(Dr. S. Krishnamurthy)

*(Signature)*  
(Mrs. Pithaikani Prabakaran)

*(Signature)*  
Signature of the Candidate

PRINCIPAL

CONTROLLER OF EXAMINATIONS

Note: Any alteration or overwriting makes the Statement of Marks and Grades invalid.



# MADURAI KAMARAJ UNIVERSITY

## PROVISIONAL CERTIFICATE

Sl. No. : 0212902

Date : 11-06-2018

*This is to certify that*

SAKKAMUTHU V

*has qualified for the*

Degree of BACHELOR OF SCIENCE

*he/she having studied in*

SRI KALISWARI COLLEGE - SIVAKASI

*(an Autonomous College of this University) and passed*

**PART-I** TAMIL in FIRST CLASS

**PART-II** ENGLISH in SECOND CLASS

**PART-III** BOTANY in FIRST CLASS WITH DISTINCTION  
(Major)

*at the Final Examination held in* APRIL 2018

Reg. No.: A5UBY036

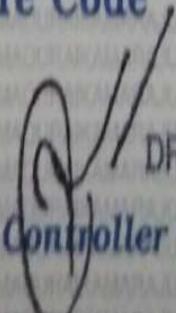
Centre Code : 629



Palkalai Nagar

Madurai - 625 021

  
Asst. / Deputy Registrar

  
DR D RAVI  
Controller of Examinations

# BHARATHIAR

# UNIVERSITY

COIMBATORE  
CHOICE BASED CREDIT SYSTEM  
GRADE CARD

Folio No.  
B 586696

NAME OF THE EXAMINEE SANKRANATHU V	REGISTER NUMBER 18B01A17	MONTH & YEAR OF EXAM NOV 2018	DATE OF PUBLICATION 11/01/2019
DEGREE & BRANCH OF STUDY M.SC. BOTANY	COLLEGE OF STUDY DEPARTMENT OF BOTANY UNIVERSITY DEPARTMENT		

PART	SEM	COURSE CODE	COURSE TITLE	CREDITS	MAXIMUM			MARKS SECURED			GRADE POINTS	GRADE	RESULT
					ESE	CIA	TOTAL	ESE	CIA	TOTAL			
3	1	13A	MICROBIOLOGY	4	75	25	100	42	20	062	6.2	A	PASS
3	1	13B	PLANT DIVERSITY I (ALGAE, FUNGI & BRYOPHYTES)	4	75	25	100	49	20	069	6.9	A	PASS
3	1	13C	PLANT DIVERSITY-II (PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY)	4	75	25	100	45	23	068	6.8	A	PASS
3	1	13P	PRACTICAL: MICROBIOLOGY & PLANT DIVERSITY I & II	4	75	25	100	71	24	095	9.5	O	PASS
3	1	1EB	ELECTIVE: FOREST BOTANY	4	75	25	100	47	22	069	6.9	A	PASS
3	1	GS18	ECD TOURISM	2	38	12	50	24	10	034	6.8	A	PASS
** END OF STATEMENT **													



In the Current Semester		
PART	CREDIT EARNED	GPA
3	22	7.218

Passing minimum for U.G. course is 40% of Maximum (in ESE and Total separately)  
 Passing minimum for P.G. course is 50% of Maximum (in ESE and Total separately)  
 E. End Semester Examination, CIA. Continuous Internal Assessment  
 P. Pass Course/Passing Minimum

Coimbatore - 641 046.  
Date 19/03/2019

*[Signature]*  
Controller of Examinations  
i/c.

**BHARATHIAR****UNIVERSITY**

COIMBATORE  
CHOICE BASED CREDIT SYSTEM  
GRADE CARD

Folio No.

B 696014

NAME OF THE EXAMINEE SRIKANTH V	REGISTER NUMBER 18B01A17	MONTH & YEAR OF EXAM APR 2019	DATE OF PUBLICATION 12/06/2019
DEGREE & BRANCH OF STUDY B.Sc. BOTANY		COLLEGE OF STUDY DEPARTMENT OF BOTANY UNIVERSITY DEPARTMENT	

PART	SEM	COURSE CODE	COURSE TITLE	CREDITS	MAXIMUM			MARKS SECURED			GRADE POINTS	GRADE	RESULT
					ESE	CIA	TOTAL	ESE	CIA	TOTAL			
3	2	23A	PLANT PHYSIOLOGY	4	75	25	100	39	21	060	6.0	A	PASS
3	2	23B	EMBRYOLOGY AND TISSUE CULTURE	4	75	25	100	53	22	075	7.5	D	PASS
3	2	23C	CYTOLOGY AND ANATOMY	4	75	25	100	60	22	082	8.2	D+	PASS
3	2	23P	PRACTICALS: PLANT PHYSIOLOGY, EMBRYOLOGY & TISSUE CULTURE, CYTOLOGY & ANATOMY	4	75	25	100	64	23	087	8.7	D+	PASS
3	2	2EC	ELECTIVE: PLANT GENETICS	4	75	25	100	51	20	071	7.1	A+	PASS
3	2	SSB1	TAMIZHAGA MARUNALARCHI SENTHANRIYALARGAL	2	38	12	50	24	10	034	6.8	A	PASS
** END OF STATEMENT **													



In the Current Semester

PART CREDIT EARNED GPA

3 22 7.436

Passing minimum for U.G. course is 40% of Maximum (in ESE and Total separately)

Passing minimum for P.G. course is 50% of Maximum (in ESE and Total separately)

ESE: End semester Examination, CIA: Continuous Internal Assessment.

XXX: Not Secured Passing Minimum

Coimbatore - 641 046.

Date 05/08/2019

  
Controller of Examinations

i/c.

**BHARATHIAR****UNIVERSITY**

**COIMBATORE  
CHOICE BASED CREDIT SYSTEM  
GRADE CARD**

Folio No.  
**B806640**

NAME OF THE EXAMINEE SAKKANIUTHU V	REGISTER NUMBER 18BOTA17	MONTH & YEAR OF EXAM NOV 2019	DATE OF PUBLICATION 13/01/2020
DEGREE & BRANCH OF STUDY M.SC. BOTANY		COLLEGE OF STUDY DEPARTMENT OF BOTANY UNIVERSITY DEPARTMENT	

PART	SEM	COURSE CODE	COURSE TITLE	CREDITS	MAXIMUM			MARKS SECURED			GRADE POINTS	GRADE	RESULT
					ESE	CIA	TOTAL	ESE	CIA	TOTAL			
3	3	33A	PLANT BIOCHEMISTRY	4	75	25	100	50	22	072	7.2	A+	PASS
3	3	33B	MOLECULAR BIOLOGY AND PLANT BIOTECHNOLOGY	4	75	25	100	46	19	065	6.5	A	PASS
3	3	33C	PLANT SYSTEMATICS	4	75	25	100	48	20	068	6.8	A	PASS
3	3	33P	PRACTICAL: PLANT BIOCHEMISTRY, MOLECULAR BIOLOGY & PLANT BIOTECH, PLANT SYSTEMATICS	4	75	25	100	72	23	095	9.5	D	PASS
3	3	3ED	APPLIED BOTANY	4	75	25	100	54	22	076	7.6	D	PASS
3	3	GS03	ENVIRONMENT EDUCATION AWARENESS	2	38	12	50	19	9	028	5.6	B	PASS
** END OF STATEMENT **													



In the Current Semester

PART CREDIT EARNED GPA

3 22 7.345

Passing minimum for U.G. course is 40% of Maximum (in ESE and Total separately)  
 Passing minimum for P.G. course is 50% of Maximum (in ESE and Total separately)  
 ESE: End semester Examination, CIA: Continuous Internal Assessment  
 XXX: Not Secured Passing Minimum

Coimbatore - 641 046.

Date : 18/03/2020

*(Signature)*

Controller of Examinations  
i/c.



# BHARATHIAR UNIVERSITY

COIMBATORE- 641 046.

## TRANSFER CUM CONDUCT CERTIFICATE

Folio No.: C1/0019 /2020

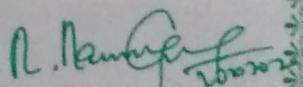
1. Name of Student : SAKKAMUTHU V
2. Date of Birth : 10-03-1998
3. Nationality : INDIAN
4. Religion, Caste and Community : HINDU , RAJAKAMBALAM - MBC
5. Name of Father / Guardian : VERISAKKAIAH
6. Course of Study : M.Sc.Botany
7. Medium of Instruction : ENGLISH
8. Date, Month and Year of admission : 12-06-2018
9. Whether qualified for higher course : Refer mark sheet
10. Has any due to the University : No
11. Date of leaving the course : 30-09-2020
12. Reason for leaving : COURSE COMPLETED
- \* 13. Conduct and Character : GOOD

Coimbatore - 46.

Date : 08-10-2020

\* *No separate conduct certificate is issued*



  
for REGISTRAR i/c

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19AG04S21192868

To  
SAKKAMUTHU V  
3/6 NORTH STREET,  
POOSARIPATTI,  
VIRUDHUNAGAR  
TAMIL NADU  
626124  
PH. NO :9600643409



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAKKAMUTHU V**

for successfully completing the course

### Organic Farming for Sustainable Agricultural Production

with a consolidated score of **52** %

Online Assignments	20.83/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 522

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19AG04S21192868

To validate and check scores: <https://nptel.ac.in/noc>

आयकर विभाग  
INCOME TAX DEPARTMENT

भारत सरकार  
GOVT. OF INDIA

स्थायी लेखा संख्या कार्ड  
Permanent Account Number Card

SAKKAMUTHU V

पिता का नाम / Father's Name  
VERISAKKAIYA

जन्म की तारीख / Date of Birth  
10/03/1998

हस्ताक्षर / Signature

20370



In case this card is lost / found, kindly inform / return to :

Income Tax PAN Services Unit, UTIITSL  
Plot No. 3, Sector 11, CBD Belapur,  
Navi Mumbai - 400 614.

इस कार्ड के खोने/पाने पर कृपया सूचित करें/लौटाएं :  
आयकर पैन सेवा यूनिट, UTIITSL  
प्लॉट नं: 3, सेक्टर 11, सी.बी.डी.बेलापुर,  
नवी मुंबई-400 614.

Aaykar Sampark Kendras  
For Income Tax Related  
Queries call Toll Free Nos.  
1961  
or  
18001801961

V. Sakkamuthu


**இந்திய தேர்தல் ஆணையம்**  
**Election Commission of India**  
 வாக்காளர் முகப்பு அடையாள அட்டை. ELECTOR PHOTO IDENTITY CARD


 IRG1555051



**வாக்காளர் பெயர்** : **சக்கமுத்து**  
**Elector's Name** : **SAKKAMUTHU**

**உறவினரின் பெயர்** : **வெறிசக்கையா**  
**Relation's Name** : **VERISAKKAIYAH**

**இனம் / Sex :** ஆண் / Male  
**பிறந்த தேதி / வயது / DOB / Age :** 10/03/1998, 19 Yrs.  
**முகவரி :** 3-6, வடக்குதேரு, பூசாரிபட்டி, சிவகாசி வட்டம்

**Address:** 3-6, North Street, Poosaripatti, Sivakasi Taluk

**வாக்காளர் பதிவு அலுவலர்**  
**Electoral Registration Officer**  
**Date:** 25-08-2018  
**தொகுதி எண் மற்றும் பெயர் :** 205, சிவகாசி  
**பாகம் எண் :** 17, மதுரைச்சாமிபுரம்(வ.கி),  
**மற்றும் பெயர் :** காணாபுரம் (ஊ),வார்டு 3  
**பூசாரிபட்டி**

**AC NO & Name :** 205, Sivakasi  
**Part No. & Name :** 17, M. Duraisampuram (RV), Kansapuram (P), Ward 3 Poosaripatti

**குறிப்பு / Note :**

1. வாக்காளர் முகப்பு அடையாள அட்டை வைத்திருப்பது மட்டுமே தற்போதைய வாக்காளர் பட்டியலில் திகில் வாக்காளர் இடம்பெற்றிருக்கிறார்கள் என்பதற்கு உத்தரவாதமல்ல. ஒவ்வொரு தேர்தலுக்கும் முன்பும் நடப்பிடுகின்ற வாக்காளர் பட்டியலில் உட்கொண்ட பெயர் உள்ளவரே வாக்குரிமை பெற்றோர்.  
 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. இந் அட்டையில் குறிப்பிட இல்லாத தேதியை வாக்காளர் பட்டியலில் பதிவு செய்யும் நோக்கத்திற்கு அல்லாத வேறு எந்த நோக்கத்திற்கு 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.

2018 / 26 / 205 / 017 / 0076

Sakkamuthu



## Other Backward Class Certificate



Certificate No: TN-620200831348

Date: 07-09-2020

This is to certify that Thiru. Sakkamuthu V son of Thiru Verisakkaiah of Village Duraisampuram District/Division Virudhunagar in the Tamil Nadu State belongs to the Rajakambalam Community which is recognised as a Backward Class under the Government of India, Ministry of Welfare Resolution No. 12011/68/93-BCC(C) dated 10th September, 1993 published in the Gazette of India Extraordinary Part I Section I, No. 186 dated 13th September 1993.

II) Government of India, Ministry of Welfare resolution No.12011/68/93-BCC(C) dated 10th September, 1993 published in the Gazette of India Extraordinary Part-I Section-I, No. 163 date 20.10 1994.

III) Resolution No. 12011/68/93-BCC(C) dated 10th September, 1993 in the Gazette of India Extraordinary Part-I Section-I, No.88 date 25th May 1995.

Thiru. Sakkamuthu V and/or his family ordinarily reside(s) in the Virudhunagar District of the Tamil Nadu State. This is also certify that he/she does not belong to the person/sections (creamy layer) mentioned in column 3 of the schedule to the Government of India, Department of Personnel and Training O.M. No.36012/22/93-Estt.(SCT), dated 08.09.1993 and modified vide Government of India, Department of Personnel and Training O.M No:36033/1/2013-Estt (Res) dated 27.05.2013 and 13.09.2017.

Note: a) The term Ordinarily used here will have the same meaning as section 20 of Representative of the Peoples Act 1950.

b) Where there Certificate are issued by Gazetted Officers of the Union Government of the State Governments, they should be in the same form but countersigned by the District Magistrate of Deputy Commissioner (Certificate issued by Gazetted Officer and attested by District Magistrate / Deputy Commissioner are not sufficient).

Signature valid

Digitally signed by VENKATESH V  
Date: 07/09/2020 20:53:22 IST

District : Virudhunagar

Taluk : Sivakasi

Designation: Tahsildar

Remarks:

This certificate is digitally signed and does not require any seal / signature in original.

Genuineness of the certificate can be verified by.

(a) Keying in the unique certificate number TN-620200831348 in the URL <https://tnedistrict.tn.gov.in/tneda/VerifyCerti.xhtml>.

(or)

(b) Reading the 2D barcode with mobile barcode reader and verify through online.

Certificate validity period : 07-09-2020 to 31-03-2021

