

# List of Full Time Teachers with Ph.D.,



### List of Full Time Teachers having Ph.D., during the Academic year 2019-2020

SI. No	Name of the Full Time Teacher	Degree	Subject / Title of Thesis	Year of Award	University
1	Dr.A.SELVARAJ	Ph.D	Investigation on Cage and Roller Slip of Cylindrical Solid and Hollow Roller Bearings	2013	Anna University
2	Dr.P.SENTHILKUMAR	Ph.D	Theoretical and Experimental Analysis of Frictional Behavior of Piston Ring and Cylindrical Liner Pair with Modified Ring Profiles	2017	Anna University
3	Dr.P.PARANDAMAN	Ph.D	Experimental Studies on Mechanical Properties and Drilling Behavior of Natural Fiber Reinforced Hybrid Composites	2017	Anna University
4	Dr.V.RAVIKUMAR	Ph.D	Performance Evaluation of Thermal Barrier Coated DI Diesel Engine Fuelled with Raphanus Sativus (Radish) Biodiesel	2017	Anna University
5	Dr.S.SARAVANAN	Ph.D	Analysis and Obliteration of Road Risks in Driver Assistance Systems Through Rfid and Fuzzy AHP in Bounded Networks	2016	Anna University
6	Dr.M.RAMESHKUMAR	Ph.D	Swarm Intelligence Approaches Based optimized Multi-Metric Packet Hiding Method for detection and Prevention of Selective Jamming Attacks	2017	Anna University
7	Dr.J.PARTHASARATHY	Ph.D	On Demand Location Our Replica Management of Applications Servers with SLA, QOS and SOA Development	2020	Anna University
8	Dr.R.KUMAR	Ph.D	Concept MAP Based Formative Knowledge Assessment For Learning Higher Education Environment	2014	Anna University
9	Dr.S.SUKUMAR	Ph.D	Civil Engineering	2005	Bharathiar University
10	Dr.J.ARVIND	Ph.D	Biotreatment of Tannery Effluents by Tannin Degrading Bacterial Consortium	2008	VIT University



# DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY SALEM-636309

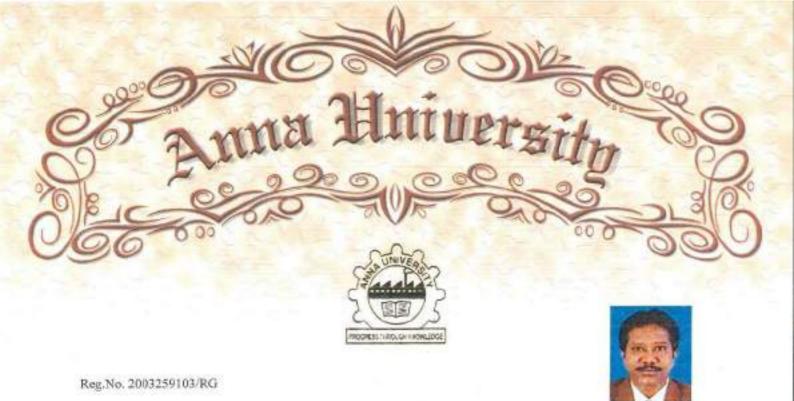
SI. No	Name of the staff	Degree	Subject / Title of Thesis	Year of Award	University
11	Dr.M.SUMATHI	Ph.D	Virtual Topology Reconfiguration for Optical WDM Mesh Networks	2010	Anna University
12	Dr.S.VENKATESH	Ph.D	Expository Investigation on Performance Analysis of Fixed Wimax Communication System using SUI Channels	2013	Anna University
13	Dr.S.RAJENDRAN	Ph.D	Non-Linear Controller based Boost DC-AC Inverter for Grid Connected Solar Power Generation	2014	Anna University
14	Dr.N.THILLAIKARASI	Ph.D	Four Quadrant DC Motor Speed Control using dual Converter Power Supply System based on Soft Switching Techniques	2019	Anna University
15	Dr.P.SELVAKUMAR	Ph.D	Certain Investigations on Performance of BLDC Motor using PID Fuzzy Logic and Cascaded Hybrid Controllers	2014	Anna University
16	Dr.R.MANIKANDAN	Ph.D	An Intelligent Position Controller for Vertical Rotating Single ARM Robot using BLDC Servo Drive	2017	Anna University
17	Dr.D.RAJESWARI	Ph.D	Development of Mineralized Hydroxypatite / Conducting Polymer Composite Coating on Electron Beam Treated Surgical Grade Stainless Steel for Orthopedic Applications	2016	Periyar University
18	Dr.S.SUGAN	Ph.D	Synthesis of Chalcopyrite Ternary Semiconductor Nanomaterials by Chemical methods and Growth of CugaS <sub>2</sub> Crystal by CVT Method and their Characterization	2015	Anna University
19	Dr.G.SURESH	Ph.D	Mathematics	2018	Bharathiyar University
20	Dr.S.NALINI	Ph.D	Mathematics	2020	Bharathiyar University



# List of Full Time Teacher Pursuing Ph.D., (2019-2020)

SI. No	Name of the Full Time Teacher	Qualifi cation	Department	Status
1	Mr.G.Silambarasan	M.E.,	Civil Engineering	Registered
2	Mr.S.Gopinath	М.Е.,	Civil Engineering	70 % of Research Work is completed
3	Mr.S.Arunkumar	M.E.,	Civil Engineering	Synopsis submitted
4	Rs.M.Archana	М.Е.,	Civil Engineering	Course work completed
5	Mrs.B.Narmada	M.E.,	Computer Science and Engineering	Course work completed 50%work completed
6	Mr.P.Sakthivel	M.E.,	Computer Science and Engineering	Course work completed 50% work completed
7	Mrs.J.Vaijayanthimala	M.E.,	Computer Science and Engineering	Awaiting for viva
8	N.Panneerselvam	M.E.,	Mechanical Engineering	Course work completed 25% work completed
9	M.Chandru	M.E.,	Mechanical Engineering	Course work completed 75% work completed
10	V.Vinoth	М.Е.,	Mechanical Engineering	Course work completed
11	N.Maniselvam	M.E.,	Mechanical Engineering	Course work completed
12	Mr. S. Maragatharaj	M.E.,	Electronics and communication Engineering	Course work completed / Confirmation
13	Mr.B.Prasad	M.E.,	Electronics and communication Engineering	Course work completed / Confirmation
14	R.Saravanan	M.E.,	Electrical and Electronics Engineering	Course work completed & 75%of work completed
15	B.Sathyaseelan	M.E.,	Electrical and Electronics Engineering	Course work completed & 75%of work completed
16	K.M.Karthika	M.E.,	Electrical and Electronics Engineering	Interview Process cleared
17	D.Viji Niraimathi	M.Sc., M.Phil	Physics	Thesis submitted
18	S.Vijayanath	M.Sc., M.Phil	Physics	Course work completed 80% work completed
19	K.Selvakumar	M.Sc., M.Phil	Chemistry	Course work completed 60% work completed
20	C.Vinothkumar	M.Sc., M.Phil	Mathematics	Thesis Submitted

Full time Teacher's – Copies of Ph.D Certificate



The Syndicate of the Anna University hereby makes known that SELVARAJ A has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2013.

Title of the Thesis:

INVESTIGATION ON CAGE AND ROLLER SLIP OF CYLINDRICAL SOLID AND HOLLOW ROLLER BEARINGS

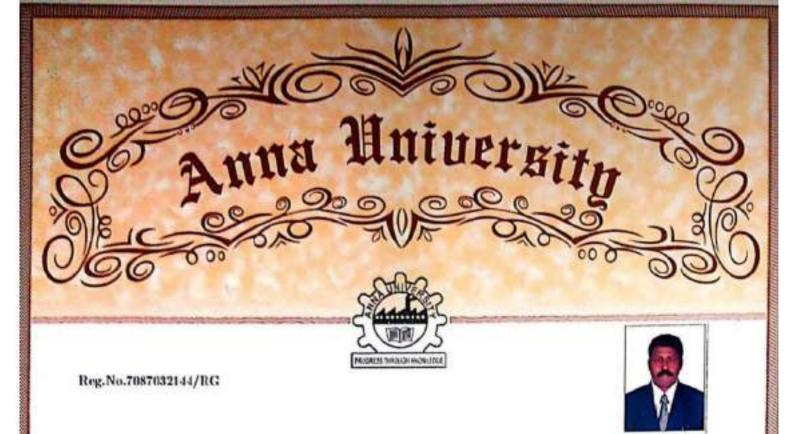
Given under the Seal of the University

Chennai 600 025 India November 2013

Controller of Examinations

Registrar V

Chancellor



The Syndicate of the Anna University hereby makes known that SENTHIL KUMAR P has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

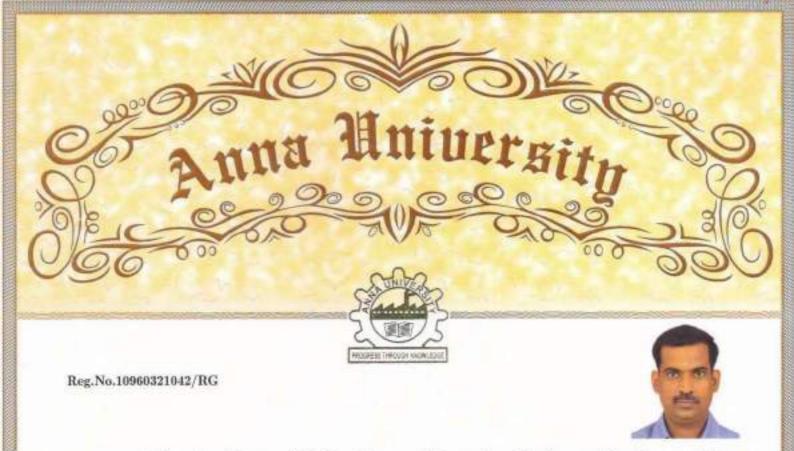
Title of the Thesis:

THEORETICAL AND EXPERIMENTAL ANALYSIS OF FRICTIONAL BEHAVIOR OF PISTON RING AND CYLINDER LINER PAIR WITH MODIFIED RING PROFILES

Given under the seal of the University

Chennai 600025 India June 2018 C

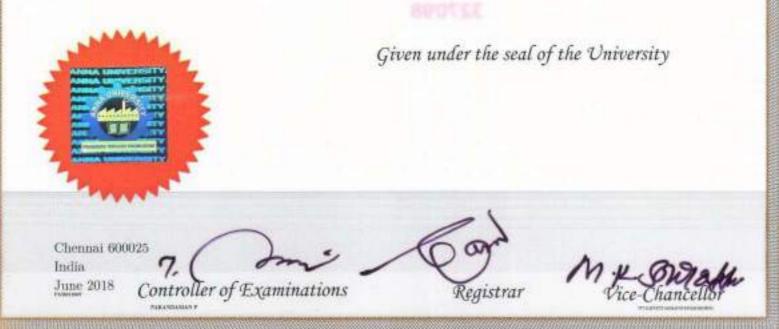
Controller of Examinations

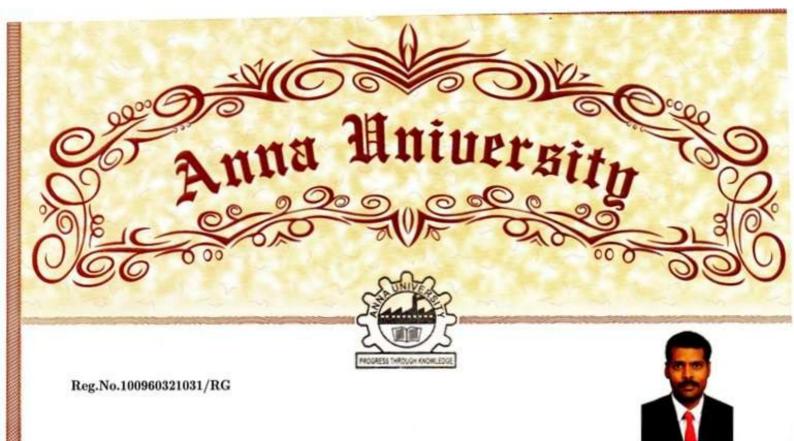


The Syndicate of the Anna University hereby makes known that PARANDAMAN P has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

EXPERIMENTAL STUDIES ON MECHANICAL PROPERTIES AND DRILLING BEHAVIOUR OF NATURAL FIBER REINFORCED HYBRID COMPOSITES





The Syndicate of the Anna University hereby makes known that RAVIKUMAR V has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

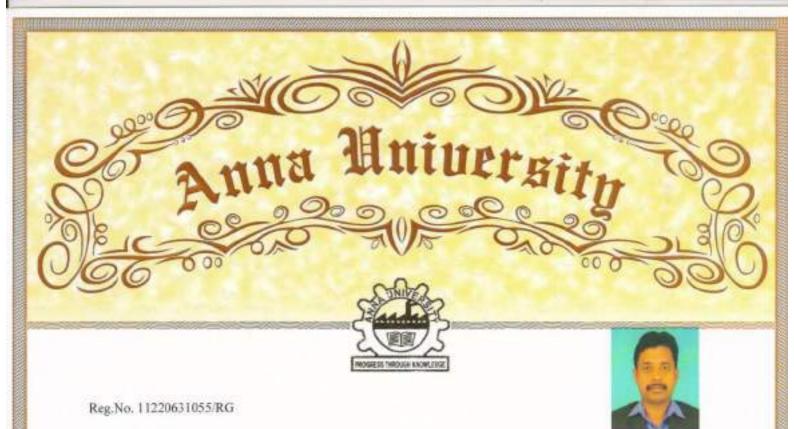
PERFORMANCE EVALUATION OF THERMAL BARRIER COATED DI DIESEL ENGINE FUELLED WITH RAPHANUS SATIVUS (RADISH) BIODIESEL

Given under the seal of the University

Chennai 600025 India June 2018 Co

Controller of Examinations



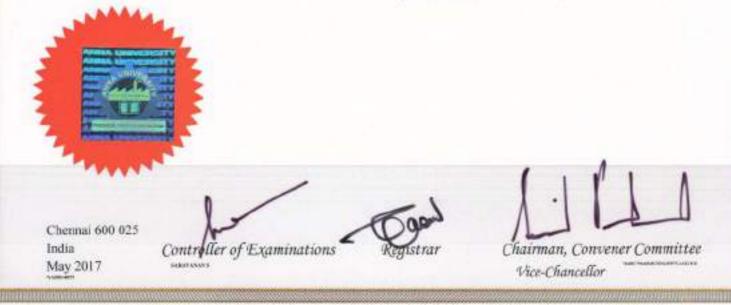


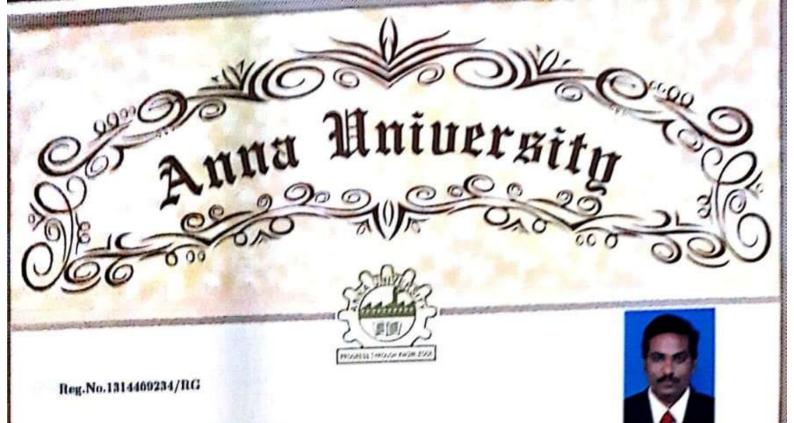
The Syndicate of the Anna University hereby makes known that SARAVANAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2016. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

ANALYSIS AND OBLITERATION OF ROAD RISKS IN DRIVER ASSISTANCE SYSTEMS THROUGH RFID AND FUZZY AHP IN BOUNDED NETWORKS

Given under the Seal of the University





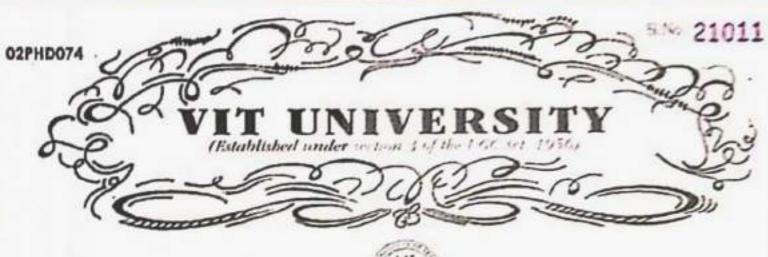
The Syndicate of the Anna University hereby makes known that RAMESH KUMAR. M has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

SWARM INTELLIGENCE APPROACHES BASED OPTIMIZED MULTI-METRIC PACKET HIDING METHOD FOR DETECTION AND PREVENTION OF SELECTIVE JAMMING ATTACKS

Given under the seal of the University Given under the seal of the University Chernal 600022 India June 2018 Controller of Examinations Registrar Registrar







The Board of Management of the VIT University hereby confers on

ARAVIND J.

the degree of

Doctor of Philosophy

in recognition of the research work entitled

Notreatment of tannery effluents by tannin degrading bacterial Consortium

and for having fulfilled the prescribed requirements in the

School of Biotechnology, Chemical and Biomedical Engineering

given this day the 31st of August 2008

under the seal of the University

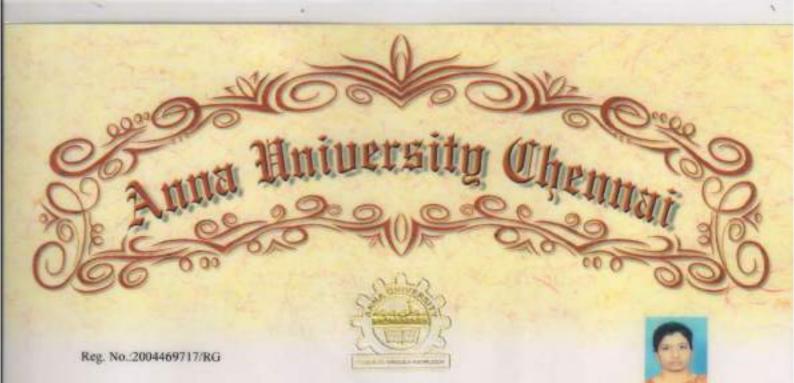


Chattarth

P & Kothow

Dated 31-Aug-2008

Vellere - 032 014. Tamil Hadu, India



The Syndicate of the Anna University Chennai hereby makes known that SUMATHI M has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2010.

Title of the thesis:

VIRTUAL TOPOLOGY RECONFIGURATION FOR OPTICAL WDM MESH NETWORKS



Given under the Seal of the University

Chennai 600 025 V. My Same India February 2010 Controller of Examinations

Vice-Chancellor



Reg.No. 2007469153/RG

The Syndicate of the Anna University hereby makes known that VENKATESH S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2013.

Title of the Thesis:

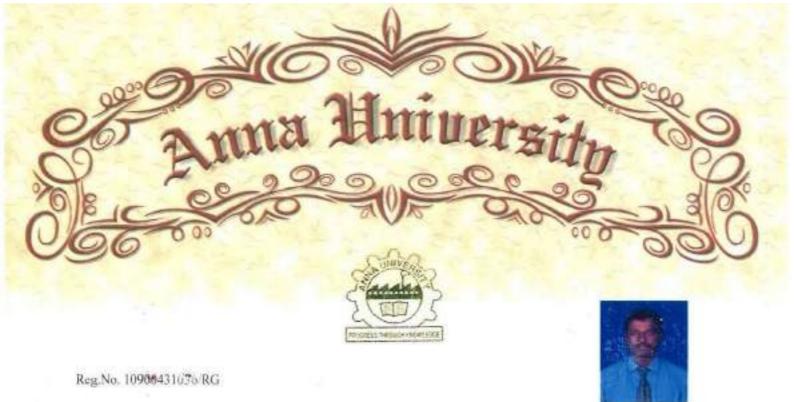
EXPOSITORY INVESTIGATION ON PERFORMANCE ANALYSIS OF FIXED WIMAX COMMUNICATION SYSTEM USING SUI CHANNELS

Given under the Seal of the University

Chennai 600 025 India November 2013

Controller of Examinations

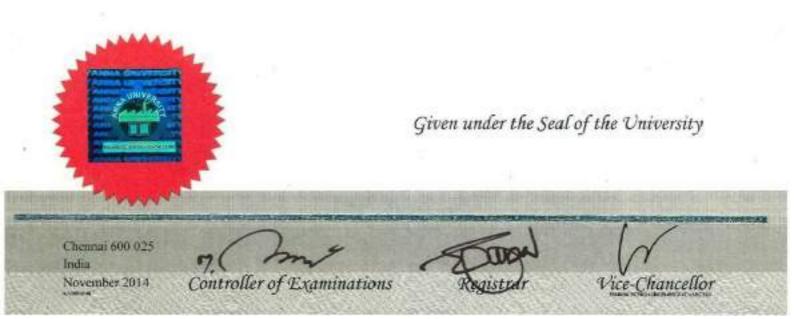
Ance-Chancellor

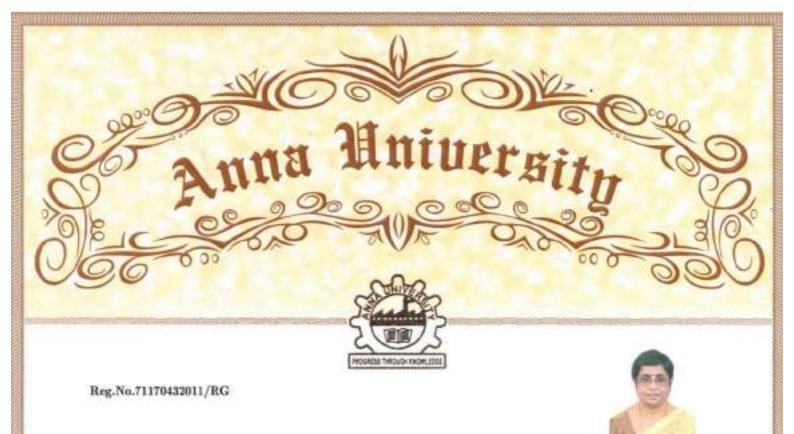


The Syndicate of the Anna University hereby makes known that RAJENDRAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2014. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

## Title of the Thesis:

NON-LINEAR CONTROLLER BASED BOOST DC-AC INVERTER FOR GRID CONNECTED SOLAR POWER GENERATION

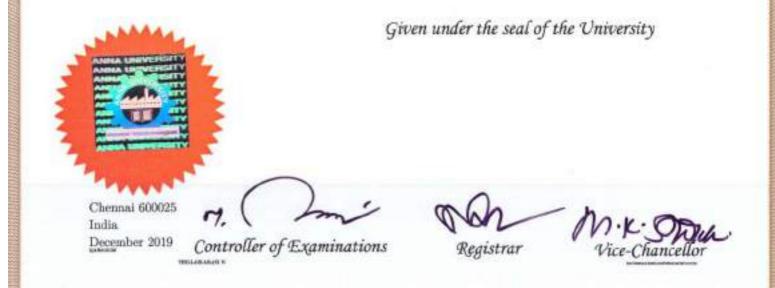


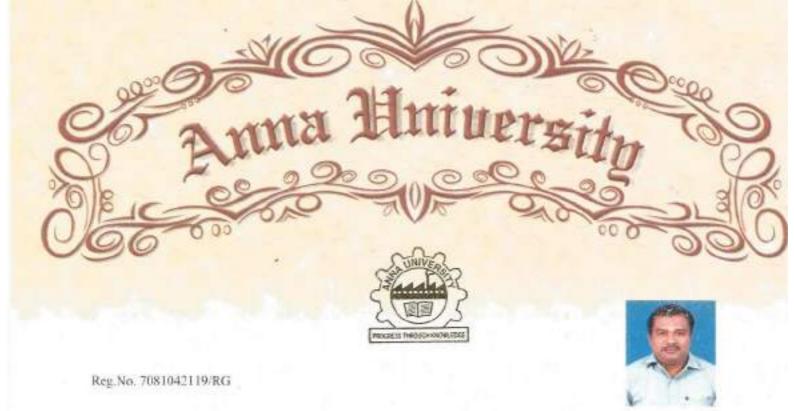


The Syndicate of the Anna University hereby makes known that THILLAIKARASI N has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2019. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

FOUR QUADRANT DC MOTOR SPEED CONTROL USING DUAL CONVERTER POWER SUPPLY SYSTEM BASED ON SOFT SWITCHING TECHNIQUES





The Syndicate of the Anna University hereby makes known that SELVAKUMAR P has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2014. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

## Title of the Thesis:

CERTAIN INVESTIGATIONS ON PERFORMANCE OF BLDC MOTOR USING PID FUZZY LOGIC AND CASCADED HYBRID CONTROLLERS

Given under the Seal of the University

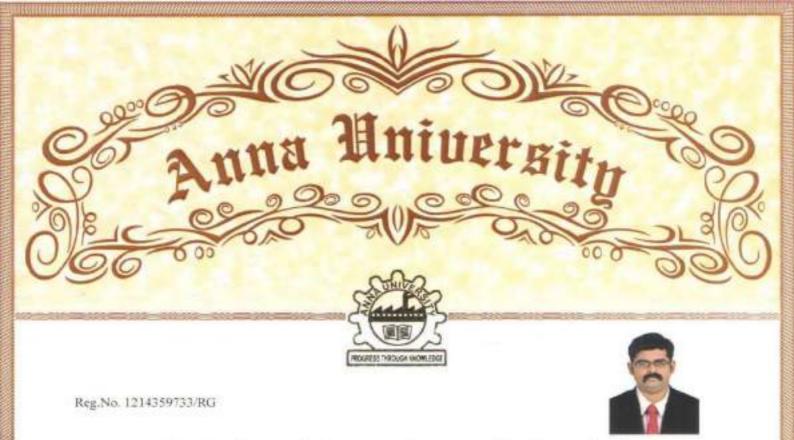
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Vice-

Chennai 600 025 India November 2014

Controller of Examinations

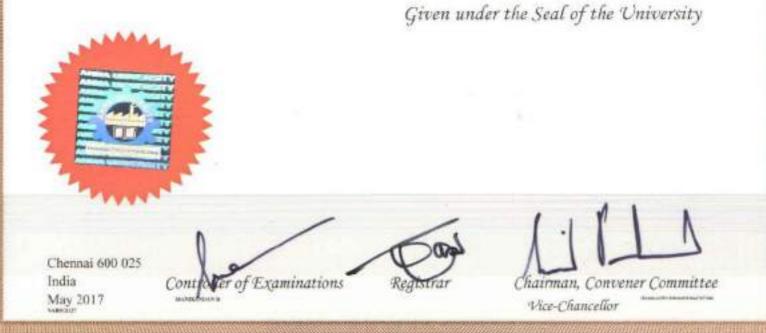
57



The Syndicate of the Anna University hereby makes known that MANIKANDAN R has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

AN INTELLIGENT POSITION CONTROLLER FOR VERTICAL ROTATING SINGLE ARM ROBOT USING BLDC SERVO DRIVE



Reg. No : 12PHF1055 College Code : 521

No.2KN 049352



FACULTY OF SCIENCE

The Syndicate of the

PERIYAR UNIVERSITY

hereby makes known that

has been admitted to the

**RAJESWARI D** 

PHYSICS

Degree of DOCTOR OF PHILOSOPHY in

having been certified by the duly appointed Examiners to be qualified to receive the

same on November 15, 2016 for the thesis entitled,

DEVELOPMENT OF MINERALIZED HYDROXYAPATITE/ CONDUCTING POLYMER COMPOSITE COATINGS ON ELECTRON BEAM TREATED SURGICAL GRADE STAINLESS STEEL FOR ORTHOPEDIC APPLICATIONS

This degree is awarded in accordance with the UGC Regulations on Minimum Standards and Procedure 2009.

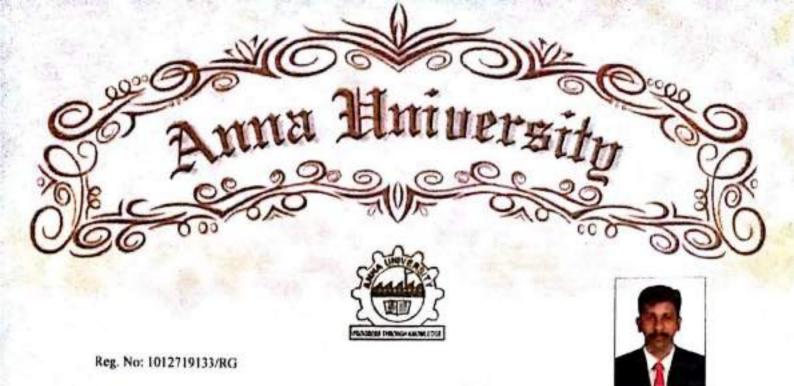


Dated : 20-03-2018 Salem - 636011 Tamil Nadu, India. Given under the seal of the University

Controller of Examinations ite

Registrar

P. k. Courtor Vice-Chancellot



The Syndicate of the Anna University hereby makes known that SUGAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Science and Humanities, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2015. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

# Title of the thesis:

SYNTHESIS OF CHALCOPYRITE TERNARY SEMICONDUCTOR NANOMATERIALS BY CHEMICAL METHODS AND GROWTH OF CuGaS<sub>2</sub> CRYSTAL BY CVT METHOD AND THEIR CHARACTERIZATION

Given under the Seal of the University

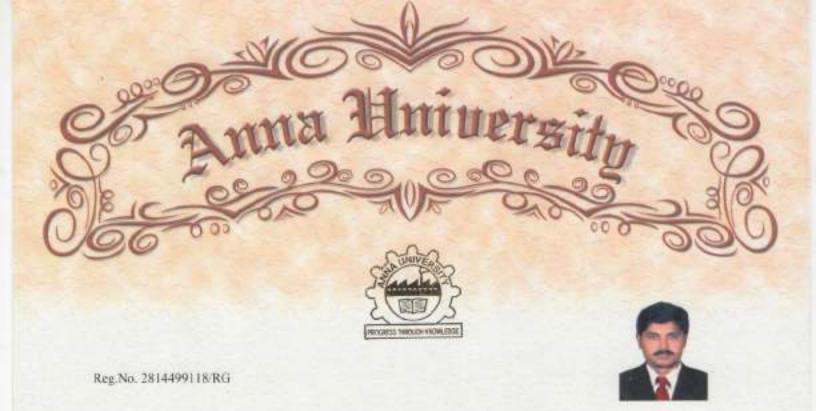
Chennai 600 025 India January 2016

Controller of Examinations



Vice-Chancellor





The Syndicate of the Anna University hereby makes known that KUMAR R has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2014. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

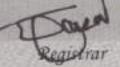
Title of the Thesis:

CONCEPT MAP BASED FORMATIVE KNOWLEDGE ASSESSMENT FOR LEARNING IN HIGHER EDUCATION ENVIRONMENT

Given under the Seal of the University

Chennai 600 025 India November 2014

Controller of Examinations





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BHA	COMBATORE - 541 046	SITY
Ph.I	. PROVISIONAL CERTIFIC	ATE
This is to certify that	NALINI S	has qualified for
the award of the Degree of	DOCTOR OF PHILOSOPHY	of this University in
MATHEMATICS	on 20/07	/2020 after having
completed the requirements pre	scribed for the award of the Degree. *	
* under external part	time mode.	Jean
Coimbatore 641 046 Date : 0 2 SEP 2020	Co	introller of Examinations //c



### ANNA UNIVERSITY, CHENNAI - 600 025 CENTRE FOR RESEARCH



ÎN TRĂ TRU TĂ UNĂ ÎN DĂND LĂ ÎN DIĂN DĂ DI TĂ DIĂ

# Synopsis Registration details

Degree

Region

**Registration No** 

Ph.D.

Anna University-CHENNAI

1512159746



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Date of Registration	Session: JUL Year: 2015
Name of the Scholar	Arun Kumar S
Gender	Male
Date of Birth	23.08.1989
Nationality	Indian
Community	SC
Emeil	arunenviron89@gmail.com
Mobile Number	9095253545
Faculty	Civil Engineering
Category	Part-Time
Title of the Synopsis	Comparative studies on removal of Phosphorus using various natural coagulants from Industrial wastewater in Sivakasi, Virudhunagar District.
Broad area of research / Key words	Firework Industries, Wastewater, Natural coagulants, Phosphorus, Hypothesis model
Special Character in the Title	no
Name of the Supervisor	Dr. Suresh Kumar P
Designation	Professor
Department	Department of Civil Engineering
Address	UNIVERSITY COLLEGE OF ENGINEERING PANRUTI CHENNAI-KUMBAKONAM HIGHWAY, PANIKANKUPPAM (POST), PANRUTI Cuddalore - 607106
Mobile	9487920989



Prof. Satish Annigeri Ph.D Registrar (Evaluation)	Fax	(0831)2405461
Registrar (Evaluation)		2009-1-1-1-

Ref. No: VTU/Exam/2019-20/ 3 70

Date: \_05/August/2020 1 4 AU/2 2020

# Office Note

Sub : COMPREHENSIVE VIVA-VOCE Examination Result - reg.

The result of the COMPREHENSIVE VIVA-VOCE Examination is as below;

S.No.	Name	Research Centre	Result
1	S Gobinath	Shree Devi Institute of Technology Kenjar, Mangalore	Eligible
	4SH16PCJ02		

With this registration of the candidate is confirmed and the suggestion of the examiner made during the comprehensive viva-voce are enclosed here with.

Registrar (Evaluation) minus (1)

Copy to

- Mr/Mrs. S Gobinath, Research Scholar, Dept. of Civil Engineering, Shree Devi Institute of Technology Kenjar, Mangalore
- 2) The Principal, Shree Devi Institute of Technology Kenjar, Mangalore
- Dr.K.E.Prakash Professor & Director, Dept Of Civil Engineering, Shreedevi Institute of Technology, Mangalore-574142

 Dr.S.Suresh Babu., Professor & Head Dean(R&D) Dept Of Civil Engg, Adhiyamaan College of Engineering, Dr.M.G.R.Nagar, Hosur, Tamil Nadu 635109

ATUS CONTACT		
<u></u>	Centre For Research	
Reference No. Name Email Nobilia	20231058 Kartuka K M karthikakm1996@gmall.com 9489798300	2
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This site is best viewed with IE 8 and above, Firefox and Chrome.

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# CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAL-600.025



Registration No.: 17122991183

# R9 - DI: 10-12-2020 14:08:44

# YEARLY PROGRESS REPORT January 2020 - December 2020

## 1. Particulars of Research Scholar

Faculty Mer Degree Ph. Email me	thselvam1977@gmail.com 0639595
<ol> <li>Registration Details         <ul> <li>(a) Category of registra</li> <li>(b) Month &amp; Year of Addition</li> <li>(c) Whether provisional if yes, give reference</li> </ul> </li> </ol>	ion (Pad-Time nission JAN & 2017 registration confirmed? (Yes / No
3. Name of the Deptartmen research is conducted	L/ Gentre where the Crepartment of Mechanical Griginiae/AG
4. Particulars of the Sup Research Co-Ordinate SUPERVISOR DETAIL Name / Reference No. Designation Department Appress Email / Mobile Institute Cope	

JOINT SUPERVISOR / SUPERVISOR IN-CHARGE DETAILS: Joint Supervisor / Supervisor In-Charge / Not Applicable

5. Tentative title of the Research work: Investigations on Cetemic Meiding by Proton Stir Meiding Processe

6. Duration of research outside the University (if applicable)

Break of study period (if applicable)



# CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAI-600 025

# Registration No.: 18134691376

### AR13 - DL 04-06-2019 14:55:36

### SEMESTER PROGRESS REPORT January - June 2019

1. Particulars of Research Scholar

Na	me :	Sakthivel P			
Ea	culty :	Information	and Commun	tication Engineering	
De		Ph.D.		and a state of the second	
En	iałi -	sakthip tech	Comal.com		
Ca		9944103953			
De		tion where :	Assistant Engineering	Professor,Computer Dhirajlal Gandhi TAMILNADU 636309	Science

And of



- 2 Registration Details
  - (a) Category of registration
  - (b) Month & Year of Admission
  - (c) Whether provisional registration confirmed?
    - If yes, give reference No. and date
- : Department of Computer Science & Engineering

Part-Time

Yes / No

JAN & 2018

- 3. Name of the Deptartment / Centre where the research is conducted
- Particulars of the Supervisor / Joint Supervisor SUPERVISOR DETAILS: Name / Reference No. Dr. Saravanan S / 2840134 Designation Professor Department Department of Computer Science & Engineering Address Dhirajtal Gandhi College of Technology, Salem, Salem Email / Mobile kprsaravana@gmail.com / 9894334400

Institute Code 4234506-Computer Science and Engineering Dhirajial Gandhi College of Technology.

#### JOINT SUPERVISOR DETAILS: Joint Supervisor

: Not Applicable

5. Tentative title of the Research work: BIG DATA ANALYTICS AND HIGH SPEED NETWORKS

- 6. Duration of research outside the University (if applicable) :
- 7 Break of study period (if applicable)



Institute Code

# CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAI-600 025

Registration No.: 20131691102

## AR18 - Dt: 14-12-2020 05:20:41

# YEARLY PROGRESS REPORT January 2020 - December 2020

### 1 Particulars of Research Scholar

No lististo porto si se vessa	an off official			The second s
Faculty Degree Email Contact No. Designation & Instituti employed (if applicabl 2. Registration Details (a) Category of registr (b) Month & Year of A (c) Whether provision If yes, give referen	ation dmission al registration confirmed ce No. and date	Part-Time JAN & 2020	y., 636309	Ama / Jawi Jaco / RL 1
<ol> <li>Name of the Deptartm research is conducted</li> </ol>	ent / Centre where the		f Civil Engineering	Res - 10 - 34.09
4 Particulars of the Su Research Co-Ordina SUPERVISOR DETAI Name / Reference No. Designation Department Address Email / Mobile.	tor LS:	LN.A / 2510006 or Il Engineering echnology, Salem		

Sona College of Technology (Autonomous), Salem

JOINT SUPERVISOR / SUPERVISOR IN-CHARGE DETAILS:

Joint Supervisor / Supervisor In-Charge Not Applicable

5. Tentative title of the Research work: APPLICATION OF NANO MATERIALS IN CONCRETE

4261805-Civil Engineering

6. Duration of research outside the University (if applicable)

7. Break of study period (if applicable)



12,2019

# CENTRE FOR RESEARCH ANNA UNIVERSITY, CHENNAI-600 025



# Registration No.: 17142697268

# AR10 - Dt: 10-12-2020 04:52:52

# YEARLY PROGRESS REPORT January 2020 - December 2020

1. Particulars of Research Scholar	
Name : Vinoth V Faculty : Mechanical E Degree : Ph.D. Email : vinoth811@g Contact No. : 9677383456 Designation & Institution where employed (if applicable)	gmail.com
<ol> <li>Registration Details         <ul> <li>(a) Category of registration</li> <li>(b) Month &amp; Year of Admission</li> <li>(c) Whether provisional registration</li> <li>If yes, give reference No. and</li> </ul> </li> </ol>	date LT. No. 1 11/201120 - 71
3. Name of the Deptartment / Centro research is conducted	e where the Department of Mechanical Engineering
Research Co-Ordinator         SUPERVISOR DETAILS:         Name / Reference No.       Dr.         Designation       Ass         Department       Department         Address       Gov         Email / Mobile       drts	/ Joint Supervisor / Supervisor In-Charge / Sekar T / 2720054 ociate Professor partment of Mechanical Engineering vernment College of Technology.Coimbatore.Coimbatore ekar76@gmail.com / 9092500393 i0 - Others
JOINT SUPERVISOR / SUPER	

Joint Supervisor / Supervisor In-Charge

5. Tentative title of the Research work: DESIGN AND ANALYSIS OF EXTRUSION DIE USING COMPUTATIONAL FLUID DYNAMICS

6. Duration of research outside the University (if applicable)

7. Break of study period (if applicable)



# **CENTRE FOR RESEARCH**

ANNA UNIVERSITY, CHENNAI-600 025

Registration No.: 1414269826

### AR10 - Dt: 10-12-2020 17:59:52

### YEARLY PROGRESS REPORT January 2020 - December 2020

### 1. Particulars of Research Scholar

Name	: Chandru M	
Faculty	: Mechanical Engineering	2.40
Degree	: Ph.D.	12
Email	: mk_chandru@yahoo.com	Ref. States
Contact No.	: 9894217220	A CONTRACTOR OF THE OWNER
Designation a employed (if		
2. Registratio	Technology, , 601204	State of the second second

- (a) Category of registration
- (b) Month & Year of Admission
- (c) Whether provisional registration confirmed? If yes, give reference No. and date

3. Name of the Deptartment / Centre where the

: Parl-Time : JUL & 2014 : Yes / <del>No</del> : L.Y. N.D. 11

: Lr. ND. 1414269826/Ph. D/AR18 dated 29.8.17 : Department of Mechanical Engineering / COIMBATORE

INSTITUTE OF TECHNOLOGY

research is conducted

4. Particulars of the Supervisor / Joint Supervisor / Supervisor In-Charge / **Research Co-Ordinator** SUPERVISOR DETAILS: : Dr. Selladurai V / 9920417 Name / Reference No. Designation : Professor : Department of Mechanical Engineering Department : Coimbatore Institute of Technology, Coimbatore Address : selladurai.v@gmail.com / 9363227757 Email / Mobile. Institute Code : 3200700-All Departments and Centres Coimbatore Institute of Technology, Coimbatore

JOINT SUPERVISOR / SUPERVISOR IN-CHARGE DETAILS: Joint Supervisor / Supervisor In-Charge : Not Applicable

5. Tentative title of the Research work: INVESTIGATION ON INFLUENCE OF SIZE OF CARBON NANO TUBE COATING OVER THE PERFORMANCE OF FORMING AND CUTTING TOOLS

6. Duration of research outside the University (if applicable) :

7. Break of study period (if applicable) :

### 8. Details of research progress :

#### Registration No.: 1414269826

Details	Yes/No	Count	Details	Yes/No	Count
No. of course works completed	NA	4	Attended seminar/conference (if yes, No.of seminar/conference attended)	Yes	1
Seminar presentation, If yes, No. of presentation	Yes	1	Papers published (if yes, No. of papers published)	No	0

A typed report on the work carried out during this period (atleast 300 words) duly signed by the scholar and counter signed by the Supervisor and Joint Supervisor (if applicable) is enclosed.

Signature of the Scholak with Da (Name in Capitals)

M. CHANDRU)

Signature df the HoD of the Scholar

(Name with Seal)

(\* applicable for PrSENTHICKUMARondaPland Supervisor are from different conditionstitution)

Department of Mechanical Engineering Dhirajlal Gandhi College of Technology Salem - 636 309.

	REMARKS OF THE	SUPERVISOR(s)
1	Work Progress	Satisfactory
li	If the progress is not satisfactory provide appropriate comments/explanation (If needed, attach additional sheet)	-19 6
ili	Attendance	Satisfactory / Net-Satisfactory
İv	Expected time of completion	May -2021

### REMARKS OF THE HOD / DIRECTOR OF THE CENTRE OF THE SUPERVISOR

Signature of the HoD / Director of the Centre of the Supervisor \* (Name with Seal)

Any Remarks (please specify)

COIMBATORE INSTITUTE OF IN

Certify that the research articles published / Disclout ARUMULATE of the original worCOMPATORE of 1014 INDIA no part of the research paper(s) is copied in 1500 AND HEAD OF MECHANICAL DIS aready published by others. We fully aware that the act of plagiarism will lead to the store of the context of the cont

M. ( Marc Signature of the Scholar 11/12

(Name in Capitals) M. CHANDRU)

Signature of the Supervisor (Name with Seal)

Note:

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\*The Signature of the Head of the Department or Director of the Centre of the Supervisor is not from a recognised research Centre of Anna University, JoinFEAGHERED Supervisor is not from a recognised research Centre of Anna University, JoinFEAGHERED Sockstates Constitutes (Compares report).

### ILLIGHT IN THE REAL OF

### ENROLMENT FORM / REGISTRATION RENEWAL FORM

January 2021 - June 2021

Name in Block Letters	:	Chandru M
Registration No	:	1414269826
Month & Year of admission	:	JUL & 2014
Faculty	:	Mechanical Engineering
Name of the Supervisor	:	Dr. Selladurai V
Department of the Supervisor	:	Department of Mechanical Engineering
Name of the Joint Supervisor (if applicable)	:	Dr
Department of the Joint Supervisor	:	
Category of Registration	:	Part-Time
Number of Courses completed	:	04
No. of Courses registered in this semester	:	NIL
Date of Confirmation	:	29.08.2017

### DECLARATION

I. M. CHANDRU is doing Ph.D. Programme.

1. As a Full-time scholar, I state that I am not employed any where\*/ I have submitted NeS from my employer\*

2. As a Full time scholar working in a project, I state that I am still employed in the project

- 3. As a Part time scholar, I am working as Assistant Professor at Dhirajlal Grandhi College of Technology
- 4. As a part time scholar, I-em still working in the same college as mentioned in my-application form<sup>2</sup> / the change of working place has been intimated to the office of the Director (Research)\*

(\* Strike out whichever is not applicable)

Date: 11.12. 2020

Place: coimbatore

M Chenc

(Name in Capitals)

Dr.V.SELLADURAI M.E., Ph.D

FIE, FIIE, FIPE. FORSI.LM(SSISignature of the Supervisor Professor in Mechanical Engineering (Name with Seal) Coimbatore Institute of Technology Colmbatore-641 014. INDIA.

HOD/Director of the Centre of the Supervisor\*

COMBATORE INSTITUTE OF TECHNOLOGY

### COURSE WORK REGISTRATION FORM

January 2021 - June 2021

I. DETAILS OF THE SCHOLAR	
1. Name of the Scholar / Registration No.	: Chandru M / 1414269826
2. Address of the scholar	: 14/14,Tank Street, Sarkarsama kulam. Salem
	Tamilnadu 641107
<ol><li>Email / Contact No.</li></ol>	: mk_chandru@yahoo.com / 9894217220
<ol> <li>Department and College in which the scholar is doing research</li> </ol>	MECHANICAL ENGINEERING / COMBATORE
5. Category of registration	: Part-Time INSTITUTE OF TECHNOLOGY

### II. COURSE WORK REGISTERED IN THE CURRENT SEMESTER

SI.No	Course code	Title of the course work	No of Credits	Core Course / Elective/ Special Elective	Signature, Name, Designation and Address of the Course Instructor
1	~				
2				× 84	
3					14
4					
5					
6		-			

Signature of the Scholar 11/12/20 (Name in Capitals) (M. CHANDAW)

Recommended/Not Recommended and Forwarded

Dr.V.SELLADURAI M.E., Ph.Signature of the Supervisor (Name with Seal) FIE, FIIE, FIPE, FORSI, LM(SSE)

Professor in Mechanical Engineering Coimbatore Institute -- Fechnology Coimbatore 541 014, INDEROD/Director of the Centre of the

3

Supervisor\* (Name with seal) Dr. K. MARIMUTHU, Ph.D.,

PROFESSOR AND HEAD OF MECHANICAL ENGINEERING COMBATORE INSTITUTE OF TECHNOLOGY COIMBATORE - 641 014. INDIA

Note:

Research scholars should take PG Level course works only. Refer Clause 13.1 of Ph.D. Regulation carefully.



Sub : Ph.D. Programme –Mr./Ms.B Narmada; Research Scholar – Confirmation - Orders -Issued.

Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JAN/2018 Dtd: 02.01.2018.

 Letter Dtd: 06.06.2019 from Dr.S.Saravanan, Professor, Department of Computer Science & Engineering, Dhirajlal Gandhi College of Technology, Salem-636309

\*\*\*\*

The Provisional registration granted to Mr/Ms.B Narmada to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the Faculty of Information and Communication Engineering.

Dr.S Saravanan Professor Department of Computer Science & Engineering Dhirajlal Gandhi College of Technology Salem-636309

Copy to :

The Head/Director Department of Computer Science & Engineering Dhirajlal Gandhi College of Technology Salem-636309

Mr./Ms.B Narmada, Research Scholar through the Supervisor Dr.S Saravanan

### CENTRE FOR RESEARCH

ANNAUNIVERSITY :: CHENNAI 600025

Category FT / PT Reg. No. 19144691114

### Ph.D. PROGRAMME

### SEMESTER PROGRESS REPORT

Name : B.PRASAD

~

Register No : 19144691114

Faculty : Information and Communication Engineering.

Period : January 2020 to December 2020

During Nov/Dec 2019, I have appeared for the remaining two course work examination as suggested by the Doctoral Committee members and the result for the same has been published. The table below shows the results of course work examination.

S.NO.	COURSE CODE	SUBJECT NAME	STATUS
1.	P15MIT522	Swarm Intelligence	A+
2.	P15MIT510	Wireless Sensor Networks	A+

\*<u>A+</u>: Mark Range = 80 - 89 Grade Points = 9

## Progress for the period January 2020 to December 2020

 Delivered a Technical Seminar on the topic "Sensor System for Algae cultivation" at Sona College of Technology on 06.03.2020.

 Presented a paper titled "Antimicrobial Smart Bin" in National e-Conference on Emerging Trends in Communication Systems held in Dhirajlal Gandhi College of Technology on April, 2020.

 Published a paper titled "Requisite Monitoring Sensors for Algae Cultivation System – A Review" in International Journal of Seybold Report, ISSN No: 1533-9211, Volume 15, Issue 9, 2020, Pg: 1074-1079.

 Published a paper titled "Design and Analysis of CMOS Low noise Amplifier Based Folded Micro strip Patch Antenna for Wideband Applications" in International Journal of Modern Trends in Engineering & Research, ISSN (online): 2349-9745, Volume 7, Issue 9, Pg. No. 38-46; September 2020. Also I have attended,

 Five days short term course on "IoT enabled Analog System Design" at IISc Bangalore from 13.01.2020 to 17.01.2020

Four weeks NPTEL course titled "Optical Sensor" [January – April 2020 ]

 Five days ATAL FDP on "Sensor Technology" conducted by NIT, Jamshedpur. (01.10.2020 to 05.10.2020)

 Five days ATAL FDP on "Recent Trends in Photonics" conducted by Modern Engineering College, Kochi. (19.10.2020 to 23.10.2020)

 Six days International FDP on "MEMS Based Sensors and Actuators for Biomedical Applications" conducted by KL University, Andhra Pradesh. (2.11.2020 to 07.11.2020)

Confirmation meeting was conducted on 25.06.2020 under the guidance of the Supervisor and Doctoral Committee members. Provisional registration was granted from Center for research, Anna University on 17.07.2020.

Encl:

(i) A copy of result published for paper 1 and 2.
 (ii) Certificates of paper published.

Signature of the Scholar

(B.Prasad)

Signature of the Supervisor

(Dr.J.Senthil Kumar)

Dr.J. SENTHIL KUMAR, M.E., Ph.D., Professor, Dept. of Information Technology, Sona College of Technology, Salem-636 005.



### For the academic year: 2018-2019

SI No	Name of the Teacher with P.hD	Qualification	Designation	Department
1	Dr.S.SARAVANAN	M.E., Ph.D.,	PROFESSOR & PRINCIPAL	COMPUTER SCIENCE AND ENGINEERING
2	Dr.M.RAMESHKUMAR	M.E., Ph.D.,	ASSOCIATE PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
3	Dr.M.GEETHA	M.E., Ph.D.,	ASSOCIATE PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
4	DR.T.MAYILVAHANAN	M.E., Ph.D.,	PROFESSOR	CIVIL ENGINEERING
5	Dr.M.SUMATHI	M.E., Ph.D.,	PROFESSOR & DEAN / ACADEMIC	ELECTRONICS AND COMMUNICATION ENGINEERING
6	Dr.S.VENKATESH	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRONICS AND COMMUNICATION ENGINEERING
7	Dr.S.SRIDEVI	M.E., Ph.D.,	ASSISTANT PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
8	Dr.S.RAJENDRAN	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRICAL AND ELECTRONICS ENGINEERING
9	Dr.P.SELVAKUMAR	M.E., Ph.D.,	ASSOCIATE PROFESSOR	ELECTRICAL AND ELECTRONICS ENGINEERING
10	Dr.R.MANIKANDAN	M.E., Ph.D.,	ASSISTANT PROFESSOR	ELECTRICAL AND ELECTRONICS ENGINEERING
11	Dr.A.SELVARAJ	M.E., Ph.D.,	PROFESSOR AND HEAD, DEAN / R&D	MECHANICAL ENGINEERING
12	Dr.P.SENTHILKUMAR	M.E., Ph.D.,	PROFESSOR	MECHANICAL ENGINEERING
13	Dr.P.PARANDAMAN	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
14	Dr.V.RAVIKUMAR	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
15	Dr.S.EZHILAN	M.A., M.Phil., Ph.D.,	ASSISTANT PROFESSOR	ENGLISH (SCIENCE & HUMANITIES)
16	Dr.D.RAJESWARI	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)
17	Dr.S.SUGAN	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)



## DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY SALEM-636309

### For the academic year: 2017-2018

SI No	Name of the Teacher with P.hD	Qualification	Designation	Department
1	Dr.V.MURALI BHASKARAN	M.E., Ph.D.,	PROFESSOR & PRINCIPAL	COMPUTER SCIENCE & ENGINEERING
2	Dr.S.SARAVANAN	M.E., Ph.D.,	ASSOCIATE PROFESSOR & HEAD	COMPUTER SCIENCE & ENGINEERING
3	Dr.S.SANKARAN.	M.E., Ph.D.,	PROFESSOR & HEAD	CIVIL ENGINEERING
4	Dr.T.MAYILVAHANAN	M.E., Ph.D.,	PROFESSOR	CIVIL ENGINEERING
5	Dr.M.N.A.GULSHANTAJ	M.E., Ph.D.,	ASSOCIATE PROFESSOR	CIVIL ENGINEERING
6	Dr.M.SUMATHI	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRONICS AND COMMUNICATION ENGINEERING
7	Dr.S.VENKATESH	M.E., Ph.D.,	ASSOCIATE PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
8	Dr.S.RAJENDRAN	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRICAL AND ELECTRONICS ENGINEERING
9	Dr.P.SELVAKUMAR	M.E., Ph.D.,	ASSOCIATE PROFESSOR	ELECTRICAL AND ELECTRONICS ENGINEERING
10	Dr.T.HARIHARAN	M.E., Ph.D.,	ASSISTANT PROFESSOR	ELECTRICAL AND ELECTRONICS ENGINEERING
11	Dr.R.MANIKANDAN	M.E., Ph.D.,	ASSISTANT PROFESSOR	ELECTRICAL AND ELECTRONICS ENGINEERING
12	Dr.A.SELVARAJ	M.E., Ph.D.,	PROFESSOR & HEAD, DEAN/R&D	MECHANICAL ENGINEERING
13	Dr.C.VENKATESH	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
14	Dr.P.SENTHILKUMAR	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
15	Dr.P.PARANDAMAN	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
16	Dr.S.EZHILAN	M.A., M.Phil., Ph.D.,	ASSOCIATE PROFESSOR	ENGLISH (SCIENCE & HUMANITIES)
17	Dr.R.BRINDADEVI	M.A., M.Phil.,	ASSISTANT PROFESSOR	ENGLISH (SCIENCE & HUMANITIES)
18	Dr.T.SHANMUGAVEL	M.Sc., M.Phil., Ph.D,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)
19	Dr.S.SUGAN	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)
20	Dr.D.RAJESWARI	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)
21	Dr. S.SANTHAKUMAR	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	MATHEMATICS (SCIENCE & HUMANITIES)



### For the academic year: 2016-2017

SI No	Name of the Teacher with P.hD	Qualification	Designation	Department
1	Dr.V.MURALI BHASKARAN	M.E., Ph.D.,	PROFESSOR & PRINCIPAL	COMPUTER SCIENCE & ENGINEERING
2	Dr.S.SARAVANAN	M.E., Ph.D.,	PROFESSOR & HEAD	COMPUTER SCIENCE & ENGINEERING
3	Dr.T.MAYILVAHANAN	M.E., Ph.D.,	PROFESSOR & HEAD	CIVIL ENGINEERING
4	Dr.M.N.A.GULSHAN TAJ	M.E., Ph.D.,	ASSISTANT PROFESSOR	CIVIL ENGINEERING
5	Dr.M.SUMATHI	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRONICS AND COMMUNICATION ENGINEERING
6	Dr.S.VENKATESH	M.E., Ph.D.,	ASSOCIATE PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
7	Dr.S.RAJENDRAN	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRICAL AND ELECTRONICS ENGINEERING
8	Dr.P.SELVAKUMAR	M.E., Ph.D.,	ASSOCIATE PROFESSOR	ELECTRICAL AND ELECTRONICS ENGINEERING
9	Dr.N.SUNDARAMOORTHY	M.E., Ph.D.,	PROFESSOR & HEAD	MECHANICAL ENGINEERING
10	Dr.A.SELVARAJ	M.E., Ph.D.,	PROFESSOR & DEAN/R&D	MECHANICAL ENGINEERING
11	Dr.C.VENKATESH	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
12	Dr.S.NOVA BRIGHT	M.A., M.Phil.Ph.D,	ASSISTANT PROFESSOR	ENGLISH (SCIENCE & HUMANITIES)
13	Dr.V.SANGEETHA	M.A., M.Phil.Ph.D,	ASSISTANT PROFESSOR	ENGLISH (SCIENCE & HUMANITIES)
14	Dr.S.SUGAN	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)
15	Dr.T.SHANMUGAVEL	M.Sc., M.Phil., Ph.D,	ASSISTANT PROFESSOR	PHYSICS (SCIENCE & HUMANITIES)
16	Dr.A.VALENTINE RUBA	M.Sc., M.Phil., Ph.D,	ASSISTANT PROFESSOR	CHEMISTRY (SCIENCE & HUMANITIES)
17	Dr. S.SANTHAKUMAR	M.Sc., Ph.D,	ASSISTANT PROFESSOR	MATHEMATICS (SCIENCE & HUMANITIES)



### For the academic year: 2015-2016

SI No	Name of the Teacher with P.hD	Qualification	Designation	Department
1	Dr.V.MURALI BHASKARAN	M.E., Ph.D.,	PROFESSOR & PRINCIPAL	COMPUTER SCIENCE & ENGINEERING
2	Dr.MUTHUKUMAR SUBRAMANYAM	M.E., Ph.D.,	PROFESSOR & HEAD	COMPUTER SCIENCE & ENGINEERING
3	Dr.S.SAMSON	M.E., Ph.D.,	PROFESSOR & HEAD	CIVIL ENGINEERING
4	Dr.M.N.A.GULSHAN TAJ	M.E., Ph.D.,	ASSISTANT PROFESSOR	CIVIL ENGINEERING
5	Dr.M.SUMATHI	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRONICS AND COMMUNICATION ENGINEERING
6	Dr.S.VENKATESH	M.E., Ph.D.,	ASSOCIATE PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
7	Dr.S.RAJENDRAN	M.E., Ph.D.,	PROFESSOR & HEAD	ELECTRICAL AND ELECTRONICS ENGINEERING
8	Dr.N.SUNDARAMOORTHY	M.E., Ph.D.,	PROFESSOR & HEAD	MECHANICAL ENGINEERING
9	Dr.A.SELVARAJ	M.E., Ph.D.,	PROFESSOR & DEAN / R&D	MECHANICAL ENGINEERING
10	Dr.C.VENKATESH	M.E., Ph.D.,	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
11	Dr.S.NOVABRIGHT	M.A., M.Phil.Ph.D,	ASSISTANT PROFESSOR	ENGLISH (SCIENCE & HUMANITIES)
12	Dr.A.MOHANRAJ	M.Sc., M.Phil. Ph.D.,	PROFESSOR	CHEMISTRY (SCIENCE & HUMANITIES)
13	Dr.A.VALENTINERUBA	M.Sc.,Ph.d.,	ASSISTANT PROFESSOR	CHEMISTRY ( S & H)
14	Dr.SUMIT KUMAR BANERJEE	M.Sc.,Ph.d.,	PROFESSOR	MATHEMATICS (SCIENCE & HUMANITIES)