# SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

### Accredited by NBA & NAAC A+



# **Department of Mechanical Engineering**

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu, India. www.saranathan.ac.in





3.1.2 Percentage of teachers recognized as research guides (2022-2023) (5)



# CENTRE FOR RESEARCH



ANNA UNIVERSITY, CHENNAI-600 025

#### Proceedings of the Ph.D. Viva-Voce Examination of Mr./Ms.Shyamala.C held at 2.00 PM on 24.07.2020 in Online Mode. Done Through Webinarjam

The Ph.D. Viva-Voce Examination of Mr./Ms.Shyamala.C (Reg. No. 20114022019) on his/her Ph.D. Thesis Entitled \* A Novel Approach for Software Defect Prediction using Metaheuristic models " was conducted on 24.07.2020 at 2.00 PM in the Online Mode. Done Through Webinarjam.

#### The following Members of the Oral Examination Board were present:

1.	Dr. S.D.Madhu Kumar, Professor & Dean (Student Welfare), Department of Computer Science and Engineering, National Institute of Technology Calicut, Kerala - 673 601	Indian Examiner
2.	Dr. S.Nickolas, Professor, Department of Computer Application National Institute of Technology, Tiruchirappalli 620015	Subject Expert
3.	Dr. Sahaaya Arul Mary S.A. Professor & Head, Department of Computer Science and Engineering, Saranathan College of	Supervisor

The research scholar, Mr./Ms. Shyamala.C presented the salient features of his/her Ph.D. work. This was followed by questions from the board members. The questions raised by the Foreign and Indian Examiners were also put to the scholar. The scholar answered the questions to the full satisfaction of the board members.

The corrections suggested by the Indian/Foreign examiner have been carried out and incorporated in the Thesis before the Oral examination.

Based on the scholars research work, his/her presentation and also the clarifications and answers by the scholar to the questions, the board recommends that Mr./Ms.Shyamala.C be awarded Ph.D. degree in the Faculty of Information and Communication Engineering.

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Engineering, Tiruchirappalli

Indian Examiner

Aich alas Subject Expert

Supervisor Dr. S. A-Salazya Akul Propertor 2 Head Depositment of CSE Salamation College & Engl





### MANONMANIAM SUNDARANAR UNIVERSITY TIRUNELVELI – 627 012

# PROFORMA FOR FURNISHING THE NAME OF EXPERTS TO EVALUATE THE PH.D.THESIS

Name of the Candidate	: J. Erin Shine
Reg.No.	10583
Title of the Thesis	: Efficient Data Access Techniques in Mobile Ad Hoc Networks
Name of the Supervisor with Address	: <u>Dr. S.A. Sahaaya Arul Mary</u> Professor & Head Department of Computer Science & Engineering Saranathan College of Enginering, Trichy – 12
Department/Research Centre	: Department of Computer Science & Engineering Manonmanium Sundaranar University Abisekapatty, Tirunelveli – 12







### CENTRE FOR RESEARCH

ANNA UNIVERSITY CHENNAL - 606 023

Br. K.P. JAYA DIRECTOR

Lr. No: 5UPR/32\*/08

To Dr. Moran V Associate Prefessor Electronics and Communication Engineering Sarshathan College of Engineering Tiruchirappalii-620012

Sin/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - Orders - Istued. Ref. Your application for Supervisor Recognition.

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 3340068 ) for guiding Ph.D. scholars of this University under the faculty of Information and Communication Engineering.

Area of Specialization: "Signal Processing, Image and Speech Processing, Neural Network & Soft Computing"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamit Nedu shall function only as Joint Supervisor.

I request you to adhere strictly the regulations (available in https://chr.anoautiv.edu/research/instructions.php ) when you start guiding scholars.

in all future correspondence quote 3348068 for reference.

Copy to:

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Personal

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-91 84 2236 2566 -91 48 2226 1316

> MINIMAN Date 01.03.2019

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The Head Electronics and Communication Engineering Saranathan College of Engineering Tiruchirappall-620012



Dr. K.P. JAYA

DIRECTOR

# CENTRE FOR RESEARCH

CHENNAL - 600 025



Bete: 11.12.2019

DIRECTOR

Hephene +91-64-2235 7866-2235 9361 as +91-46-2220 1213 mbil : drivesesth@servesthe.edu

#### Lr. No: SUPR/34"YAR2

To Dr. Shanmugapriya P Associate Professor Electronics and Communication Engineering, Saranathan College of Engineering, Trichy-620012

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - Orders - Issued. Ref : Your application for Supervisor Recognition.

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 3540004 ) for guiding Ph.D. scholars of this University under the faculty of Information and Communication Engineering.

Area of Specialization: "Signal Processing, Speech and Image Processing, Neural Networks & soft Computing"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

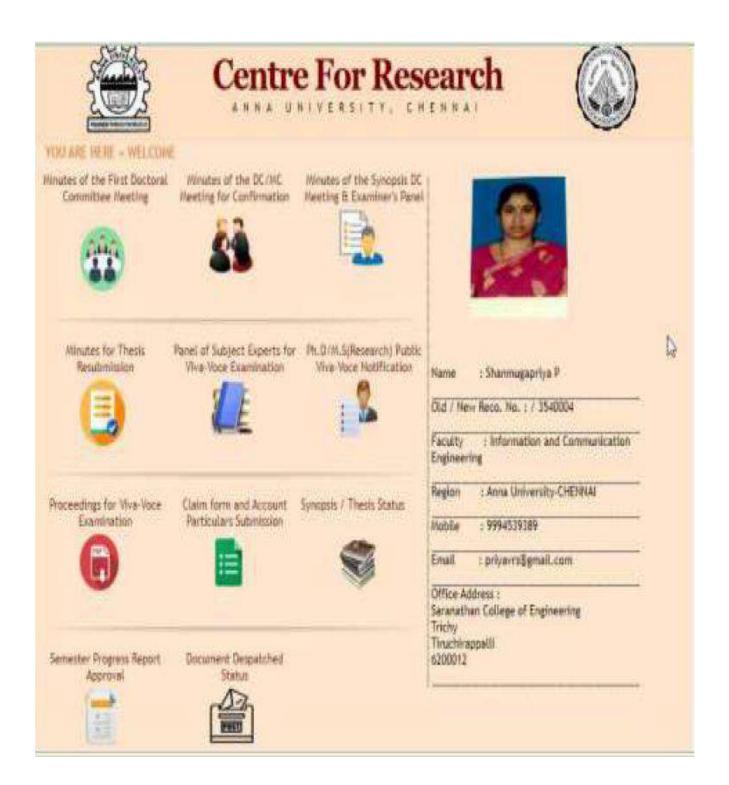
Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.

I request you to adhere strictly the regulations (available in https://ck.annauniv.edu/tesperch/instructions.php ) when you start guiding scholars.

In all future correspondence quote 3540004 for reference.

Gopy to:

The Head Electronics and Communication Engineering, Saranathan College of Engineering, Trichy-620012





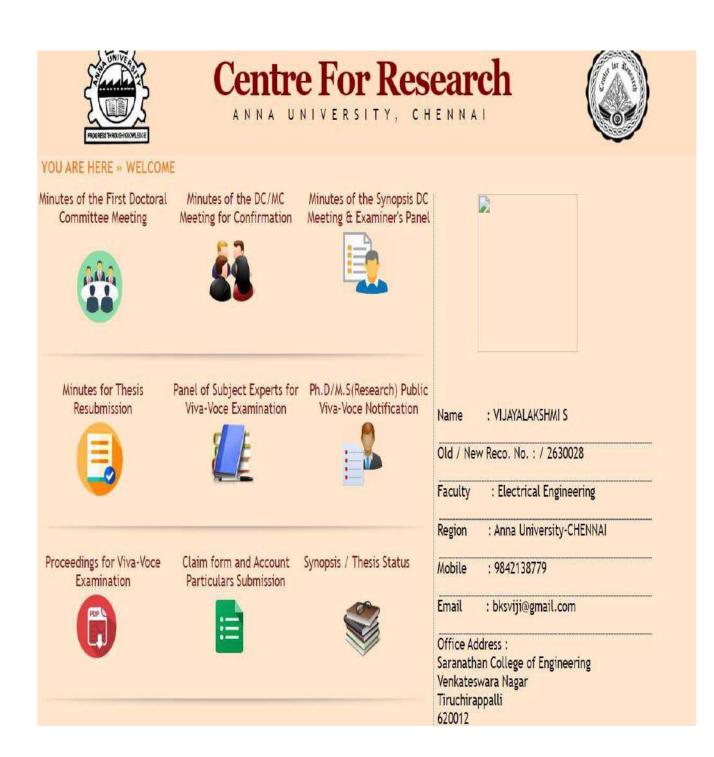
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# **Centre For Research**



ANNA UNIVERSITY, CHENNAI

#### Minutes of the First Doctoral Minutes of the DC/MC Minutes of the Synopsis DC Meeting & Examiner's Panel Committee Meeting Meeting for Confirmation Minutes for Thesis Panel of Subject Experts for Ph.D/M.S(Research) Public Viva-Voce Examination Viva-Voce Notification Resubmission Name : Krishnakumar C Old / New Reco, No. : / 2430097 Faculty : Electrical Engineering : Anna University-CHENNAI Region Proceedings for Viva-Voce Claim form and Account Synopsis / Thesis Status Mobile : 9500978151 Examination Particulars Submission : ckk1973@gmail.com Email Office Address : Saranathan College of Engineering Trichy Tiruchirappalli 620012





TALANDER THREE THE AND	ANNA UNIVERSITY CHENNAI - 600 025	ARCH
Dr. C.UMARANI DIRECTOR		Telephone : +91-44-2255 7366/2235 0365 Fax : +91-44-2220 1213 Email : dirresearch@annsunix.edu dirresearch@gmail.com
rocs. No.23123591147/Ph.D./AF	R11	2 3 1 2 3 5 9 1 1 4 Date : .2022
Sub : Ph.D. Programme – Mr.K – Orders – Issued.	Camalakannan S, Research Schole	ar - Constitution of Doctoral Committee
Ref : This office Lr.No.CR / Ph	.D. / Admn /JAN/2023, dated: 16.1	2.2022.
r.M.Marimuthu vide reference cit		n for Ph.D. Programme under the guidance of nittee has been constituted comprising of the ons.
X. Dr.M.Marimuthu, Assistant		Supervisor/
Department of Electrical and Saranathan College of Engin		Convener
Panjappur, Tiruchirappalli - 6		
2. Dr.P. Ramprakash, Assista		Member
Department of Electrical and		
Saranathan College of Engin Trichy-620012	eering	
3. Dr.Kunjithapatham, Assoc Department of Electrical and PRIST University Trichy-613403		Member
rescribe course works to the sch committee shall be informed to tentre well in advance. The min he respective Head of the Depa	nolar as per clause 13.1 of Ph.D. to the Director (Research) and nutes of the meetings / any other rtment/Director of the Centre of	
The research scholar sha omprehensive examination. A pa registration.	all have a CGPA of 7.00 in the o iss in the comprehensive examina	course works in order to become eligible for ation is required for the confirmation of Ph.D.
The Committee shall fu	etings shall be paid as per the nor	Regulations. Sitting Fee, TA / Conveyance to ms. The Supervisor/ Convener shall convene report periodically. As per Clause 6.4 "The
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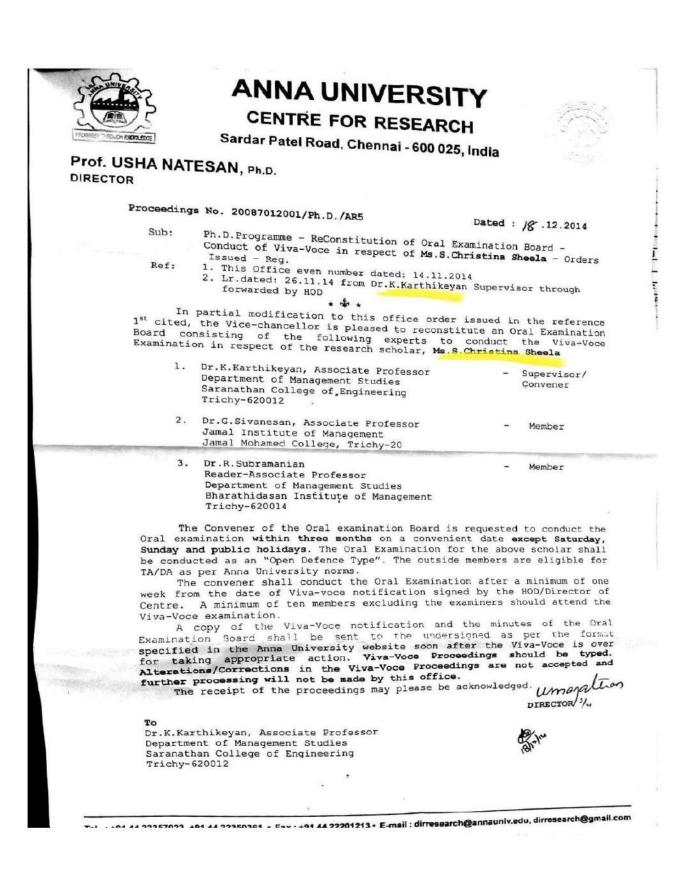
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Claim form and Ac. particulars details Submission	Symopsis / Thesis Status	Minutes of the DC/MC Meeting for Confirmation			
whiload Proceedings for Viva-Voce	Progress Report Approval	Panel of Subject Experts for Viva-Voce Examination	Name Old / Ne Faculty	: SHANMUGAVALLI M v Reco. No. : 23.03.30 / 2330217 : Electrical Engineering	44 10
Minutes for Thesis Resubmission	Minutes of the First Doctora Committee Meeting	Ph.D/M.S(Research) Public Viva-Voce Notification	Office Ad	an College of Engineering ppalls	20 70 +9

#### Bharathia: University, Coimbatore - 641 046 Part - Time Ph.D. Category - B POOL OF RESEARCH SUPERVISORS

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Gwide ID Number	Name of the Research Supervisor and Designation & Address	Specialization	Contact Details
	ADULT . CON EDU. &	EXTN. CAREER GUID. &	STUD. WEL
ACT- GR 0002	PROF. M. JAYAKUMAR, Director & Professor, Department of Extension & Career Guidance, Bharathar University Coumbatore-641046	Continuing Education, Career Guidance, Evaluation Education	Landline : 0422-2424600 Mobile : 9791444555 Email : jayam11@rediffmail.com
	ANIM	AL BIOTECHNOLOGY	
ABT- GU0003	DR. (MRS.) H.J. DECHAMMA, Assistant Professor, Indian Veterinary Research Institute, FMD Research Lab, Hebbal, Bangalore, Karnataka-560024	Animal Biotechnology	Landline : 080-23516274 Mobile : 9480315280 Email : dechammahj@yahoo.com
		HOCHEMISTRY	1
BIC- GLOLIY	DR. MOHAN DASS. Principal, Rathinam College of Arts & Science, Rathinam Techzone Campas, Pollachi Road, Eachanari, Coimbatore - 641021-	Clinical Toxicology, MedicinalPlants, Metabolic Disorders	Landline : 0422-2629367, 8944 Mobile : 9843131509 Etnail :
BSC. GU0120	DR. K. VUAYALAKSHMI. Associate Professor, Bharathi Womens College, North Chennai- 600 108-	Clinical oncology	Landline : Mobile : 9884418074 Email : viji42rescarcy@yahoo.co.in
BIC+ GU6(2)	DR. K. JEYAPRAKASH, HOD, Rajah Serfoji Govt, College, Thanjavur-613005- 613005	Medicinal Plants	Landline : Mobile : 9894769294 Email : jeypee5(@gmail.com
BIC- GU0122	DR (MRS) MALARKODI SIVAPRASAD, Assistant Professor, Department of Biochemistry, Aashirwad Health and Education Trust, Mavutbampathy, Novakkara, Coindhatore -641105	Toxicity Studies	Landline : 0422-6630888 Mobile : 9942039953 Email :

Assistant Professor, Department of Business Administration Annamalai University Annamalai Nagar-608002	Marketing, Human Resource Management & Finance	Mobile :9994249466 Email :
Associate Professor, School of	20000250	Landline : 0422-2536128 Mobile : 9842469914 Email :
DR. JAGATHY RAJ V.P., Professor, School of Management Studies, Cochin University of Science and Technology Kochi, Kerala-682022	Operations and Systems Management	Landline : 0484- 2575310.2862529 Mobile : 9847220016 Email :
DR. K. KARTHIKEYAN, Associate Professor, Department of Management Studies, Saranathan College of Engineering, Trichy-12-	HR & Marketing	Landline : 0431-2460255 Mobile : 9442707778 Email : karthikk_77@yahoo.com
DR. K. SENTAMILSELVAN. Assistant Professor, Department of Management Studies, SRM Valliammai Engineering College Katunkulathur-603203		Landline : Mobile : 9442441333 Email :
DR. K.H. ANIL KUMAR, Associate Professor, M S Ramaiah University Peenya, Bangalore - 560 058-	Human ResourceManagement (Marketing/Finance)	Landline : 080-23432067 Mohile : 9845250803 Email :
DR. M. KIRUPA PRIY ADARSINI, Associate Professor, KCT Business School Kumaragura College of Technology, Saravanampatti Coimbatore- 641049	HRM	Landline : Mobile : 9894217772 Email :
DR. M. SENTHIL, Associate Professor, Alagappa Institute of Management Alagappa University Karaikudi- 630004		Landline : Mobile (9443183584 Email (
	of Business Administration Annamatai University Annamalai Nagar-608002 DR. J. CLEMENT SUDHAHAR, Associate Professor, School of Management, Karunya University Coimbatore-641114 DR. JAGATHY RAJ V.P., Professor, School of Management Sudies, Cochin University of Science and Technology Kochi, Kerala-682022 DR. K. KARTHIKEYAN, Associate Professor, Department of Management Studies, Saranafhan College of Engineering, Trichy-12- DR. K. SENTAMILSELVAN, Assistant Professor, Department of Management Studies, SRM Valliammai Engineering College Katuankulathu-603203 DR. K.H. ANIL KUMAR, Associate Professor, M S Ramsiah University Peenya, Bangalore - 560 058- DR. M. KIRUPA PRIY ADARSINI, Associate Professor, KCT Business School Kumaragura College of Technology, Saravanampatti Colmbatore- 641049 DR. M. SENTHIL, Associate Professor, Alagappa Institute of Management Alagappa University Karaikadi-	of Business Administration Annamalai University Annamalai Nagar-608002 &   DR. J. CLEMENT SUDHAHAR, Associate Professor, School of Management, Karunya University Coimbatore-641114 Marketing   DR. JAGATHY RAJ V.P., Professor, School of Management Studies, Cochin University of Science and Technology Kochi, Kerala-682022 Operations and Systems Management   DR. K. KARTHIKEYAN, Associate Professor, Department of Management Studies, Saranathan College of Engineering, Trichy-12- HR & Marketing   DR. K. SENTAMILSELVAN, Assistant Professor, Department of Management Studies, SRM Valliammai Engineering College Katuankulathur-603203 Human ResourceManagement (Marketing/ Finance)   DR. K.H. ANIL KUMAR, Associate Professor, M S Ransalah University Peenya, Bangalore - 560 058- HRM   DR. M. KIRUPA PRIY ADARSINI, Associate Professor, KCT Business School Kumaraguru College of Technology, Saranvanampatti Coimbatore- 641049 HRM







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	(2018-2019)
App. No. : R21977	For Office Use - Roll Number
Date : 20-11-2018	18
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Mr./Ma. CHANDRASEKARAN K.S.	is informed that he/she has been provisionally
selected for admission to Ph.D. Degree Proc	gramme inComputer Science & Engineering
under External registration, subject	to runn the engineery conditions
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The Candidate is registered under the gu	
Name of the Guide	Name of the Co-Guide
Dr. V. MAHALAKSHMI	DR. ANANTHAPADMANABAN M R
ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR, SARANATHAN ENGG COLLEGE TRICHY
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2.Degree Certificate - P.G. & M.F 3.Transfer or Migration Certificate 4.Research VISA & Passport, If I 5.Recent Passport Size Photogra He / She has to report to the office 10/12/2018 at 10.00 A.M. His / Her admission will be payment of Tuition Fee of Rs.78410 of remittance challan through proper	Phil Programmes Te Foreign National aphs (2 Numbers) of the Director, Centre for Academic Research (CARE) on confirmed, after verification of original certificates and on 1.00. He / She should submit joining report along with cor channel.
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CENTRE FOR RESEARCH ANNA UNIVERSITY CHENNAI 600 025

Telephone : + 91-44-2235 0361 ; + 91-44-2235 7023 Fax : + 91-44-2220 1213 Email : dirresearch@annauniv.edu dirresearch@gmail.com

Dated: 01.08.2014

Lr.No: SUPR/24th RB/ DB

То

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#### Dr.MURUGANANDAM L

Assistant Professor Department of Chemistry Saranathan College of Engineering, Panjappur, Trichirapalli -620 012

Sir/Madam,

Sub: Ph.D./M.S. (By Research) Programme – Supervisor Recognition – Orders – Issued. Ref: Your application for Supervisor Recognition .

I am by direction to inform that you are recognized as a Supervisor (Ref.No.24.07.15) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of Science & Humanities.

\*\*\*\*\*

Area of Specialization: "Bio Inorganic Chemistry, Organic Synthesis, Coordination Complexes, Environmental Chemistry"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.

I request you to adhere strictly the regulations available in https://cfr.annauniv.edu/research/instructions.php when you start guiding scholars.

In all future correspondence quote 24.07.15 for reference.

Umpaties

Copy to : Head of the Department / Institution



### CENTRE FOR RESEARCH

ANNA UNIVERSITY CHENNAI - 600 025



Date 12.01.2017

Telephone +01-44-2235 736672235 0361 Fax +01-44-2220 1213 dirrecorect/Damout/vodu dirrecorect/Damout/vodu

#### Lr. No: SUPR/27th/DB

To Dr. Priyarega S Assistant Professor Department of Chemistry Saranathan College of Engineering, Panjappur, Tiruchirappalli-620012

Sir/Madam,

Sub : Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued Ref : Your application for Supervisor Recognition.

\*\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 2970039 ) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of Science and Humanities

Area of Specialization: "Coordination Chemistry, Catalysis, Organometallic Chemistry"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.

I request you to adhere strictly the regulations (available in https://cfr.annauniv.edu/research/instructions.php ) when you start guiding scholars.

In all future correspondence quote 2970039 for reference.

DIRECTOR

Copy to:

The Head Department of Chemistry Saranathan College of Engineering, Panjappur, Tiruchirappalli-620012