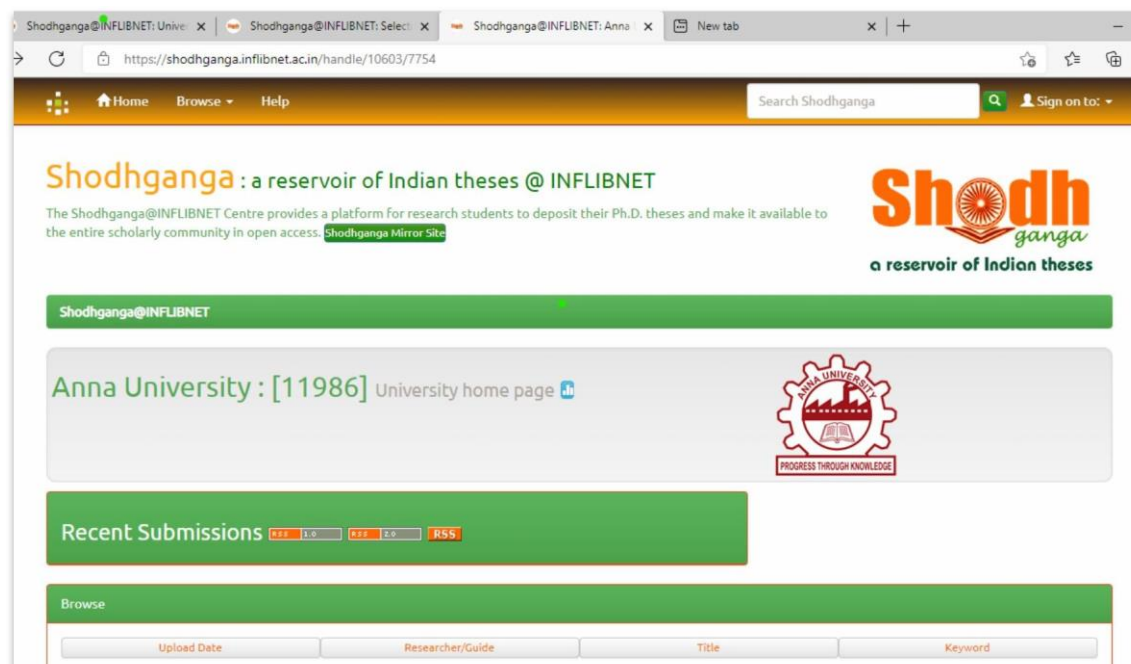




<b>CRITERION 4</b> <b>Infrastructure and Learning Resources</b>	<b>4.2 Library as a Learning Resource</b>
<b>4.2 Institution has Access : SHODHANGANGA</b>	

## **SHODHANGA MEMBERSHIP**

### **Sample Theses of Faculty of the College**



## Dr.A.SENTHIL KUMAR

The screenshot shows the Shodhganga@INFLIBNET website interface. At the top, there is a navigation bar with 'Home', 'Browse', and 'Help' links, along with a search bar and a 'Sign on to:' button. Below the navigation bar, the website's logo and tagline 'a reservoir of Indian theses @ INFLIBNET' are displayed. A green banner below the logo reads 'Shodhganga@INFLIBNET'. The main content area is titled 'Browsing by Researcher/Guide Senthil kumar A'. Below this title, there is a search bar with the text 'Jump to: [ ] or enter first few letters: [ ]' and a 'Go' button. Below the search bar, there are dropdown menus for 'Sort by: Title', 'In order: Ascending', 'Results/Page: 20', and 'Authors/Record: All', followed by an 'Update' button. Below these controls, a table displays search results. The table has four columns: 'Upload Date', 'Title', 'Researcher', and 'Guide(s)'. The table shows five results, all of which are filtered to show only those where the researcher is 'Senthil kumar A'. The first two results are identical, both dated '12-Nov-2020' and titled 'CFD Modeling and Design Optimization of a Low Pressure Steam Turbine Exhaust Hood', with 'Veerabathiramy K' as the researcher. The third result is dated '22-Aug-2019' and titled 'Crashworthiness analysis of single and bi tubular thin walled structures', with 'Vijayaraj K' as the researcher. The fourth result is dated '19-Aug-2021' and titled 'Experimental and optimisation studies on mechanical and machining characteristics of carbon fibre reinforced aluminium laminates', with 'Ajithu chasha rajan B' as the researcher. The fifth result is dated '20-Apr-2015' and titled 'Improved performance using event Management for Wt max based AD HOC and sensor networks', with 'Senthil kumar A' as the researcher. The table footer indicates 'Showing results 1 to 5 of 5'.

Upload Date	Title	Researcher	Guide(s)
12-Nov-2020	CFD Modeling and Design Optimization of a Low Pressure Steam Turbine Exhaust Hood	Veerabathiramy K	Senthil kumar A
12-Nov-2020	CFD Modeling and Design Optimization of a Low Pressure Steam Turbine Exhaust Hood	Veerabathiramy K	Senthil kumar A
22-Aug-2019	Crashworthiness analysis of single and bi tubular thin walled structures	Vijayaraj K	Senthil kumar A
19-Aug-2021	Experimental and optimisation studies on mechanical and machining characteristics of carbon fibre reinforced aluminium laminates	Ajithu chasha rajan B	Senthil kumar A
20-Apr-2015	Improved performance using event Management for Wt max based AD HOC and sensor networks	Senthil kumar A	Ramawami K S

[https://shodhganga.inflibnet.ac.in/browse?type=author&value=Senthil+kumar+A&value\\_1=ang](https://shodhganga.inflibnet.ac.in/browse?type=author&value=Senthil+kumar+A&value_1=ang)

**Department of Mechanical Engineering****Dr.C.KAILASANATHAN**

<https://shodhganga.inflibnet.ac.in/handle/10603/25176>

**EXPERIMENTATION ON MECHANICAL  
BEHAVIOUR OF CERAMIC REINFORCED  
NANOHYDROXYAPATITE-GELATIN  
COMPOSITES FOR BONE GRAFTING**

**A THESIS**

*Submitted by*

**KAILASANATHAN C**

*in partial fulfilment for the award of the degree*

*of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF MECHANICAL ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**SEPTEMBER 2011**

## Dr.K.ARUN BALASUBRAMANIAN



The screenshot displays a web browser window with the URL <https://shodhganga.inflibnet.ac.in/handle/10603/140188>. The page header includes navigation links (Home, Browse, Help), a search bar, and a sign-in option. The main banner identifies the platform as 'Shodhganga: a reservoir of Indian theses @ INFLIBNET'. Below this, a green navigation bar shows the path: 'Shodhganga@INFLIBNET / Anna University / Faculty of Mechanical Engineering'. A message box states: 'Please use this identifier to cite or link to this item: <http://hdl.handle.net/10603/140188>'. The record details are as follows:

Title:	Experimental Investigations on performance and emission characteristics of CI engine with different dual biodiesel blends
Researcher:	Arun Balasubramanian, K.
Guide(s):	Selvaraj, K.
Keywords:	Biodiesel Emission Engine Fuel Investigations
University:	Anna University
Completed Date:	June, 2015
Abstract:	Abstract available

<https://shodhganga.inflibnet.ac.in/handle/10603/140188>

**EXPERIMENTAL INVESTIGATIONS ON  
PERFORMANCE AND EMISSION  
CHARACTERISTICS OF CI ENGINE WITH  
DIFFERENT DUAL BIODIESEL BLENDS**

**A THESIS**

*Submitted by*

**ARUN BALASUBRAMANIAN K**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF MECHANICAL ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

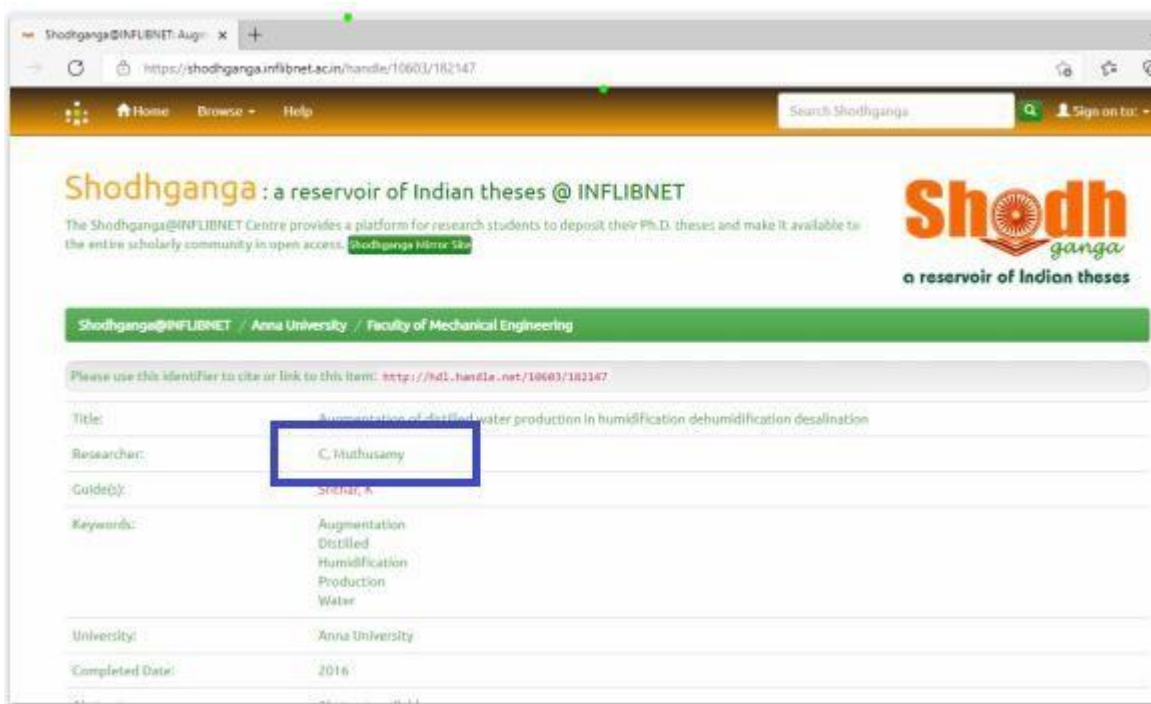
**JUNE 2015**



ANNA UNIVERSITY - CHENNAI



## Dr.C MUTHUSAMY



<https://shodhganga.inflibnet.ac.in/handle/10603/182147>

**AUGMENTATION OF DISTILLED WATER  
PRODUCTION IN HUMIDIFICATION –  
DEHUMIDIFICATION DESALINATION**

**A THESIS**

*Submitted by*

**MUTHUSAMY C**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF MECHANICAL ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

**JUNE 2016**



## Dr.I.VIJAY ARASU



<https://shodhganga.inflibnet.ac.in/handle/10603/249474>

**DESIGN AND INVESTIGATION OF SELECTIVE  
LASER SINTERING PART PROPERTIES**

**A THESIS**

*Submitted by*

**VIJAY ARASU I**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF MECHANICAL ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

**FEBRUARY 2018**

## Dr.G.VENGATESAN



<https://shodhganga.inflibnet.ac.in/handle/10603/260122>

**SELECTIVE ASSEMBLY MODELING OF  
NON-LINEAR ASSEMBLY FOR MINIMIZING  
MANUFACTURING COST**

**A THESIS**

*Submitted by*

**VENKATESAN G**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



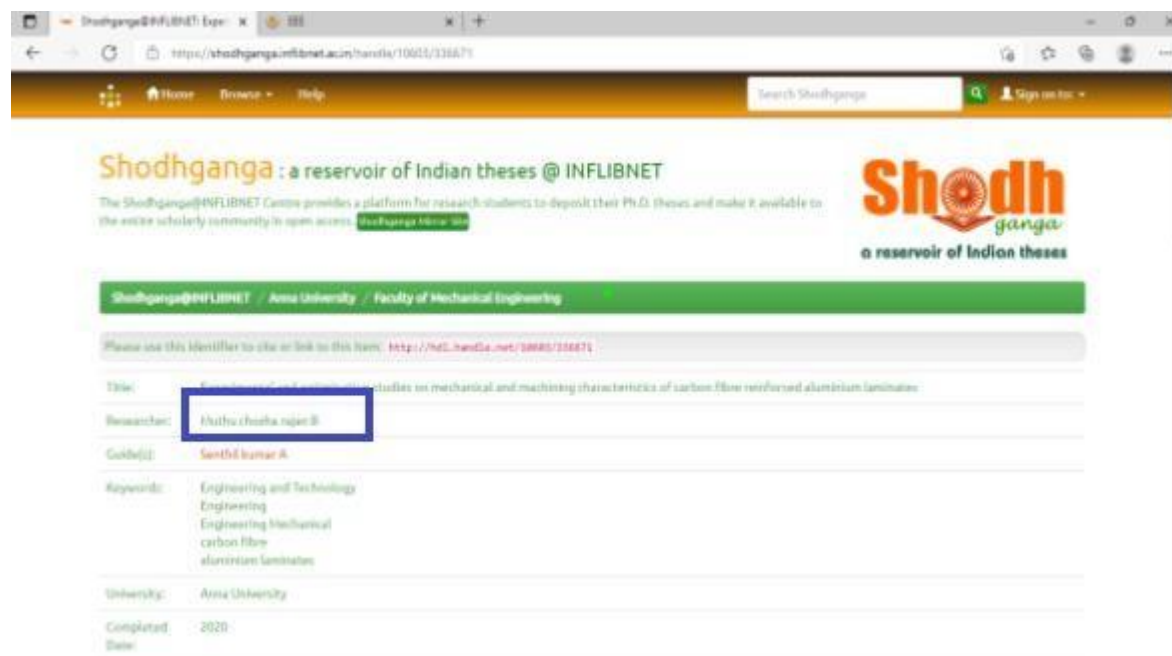
**FACULTY OF MECHANICAL ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**SEPTEMBER 2018**

## MUTHU CHOZHA RAJAN B



<http://hdl.handle.net/10603/336671>

**EXPERIMENTAL AND OPTIMISATION STUDIES  
ON MECHANICAL AND MACHINING  
CHARACTERISTICS OF CARBON FIBRE  
REINFORCED ALUMINIUM LAMINATES**

**A THESIS**

*Submitted by*

**MUTHU CHOZHA RAJAN B**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**

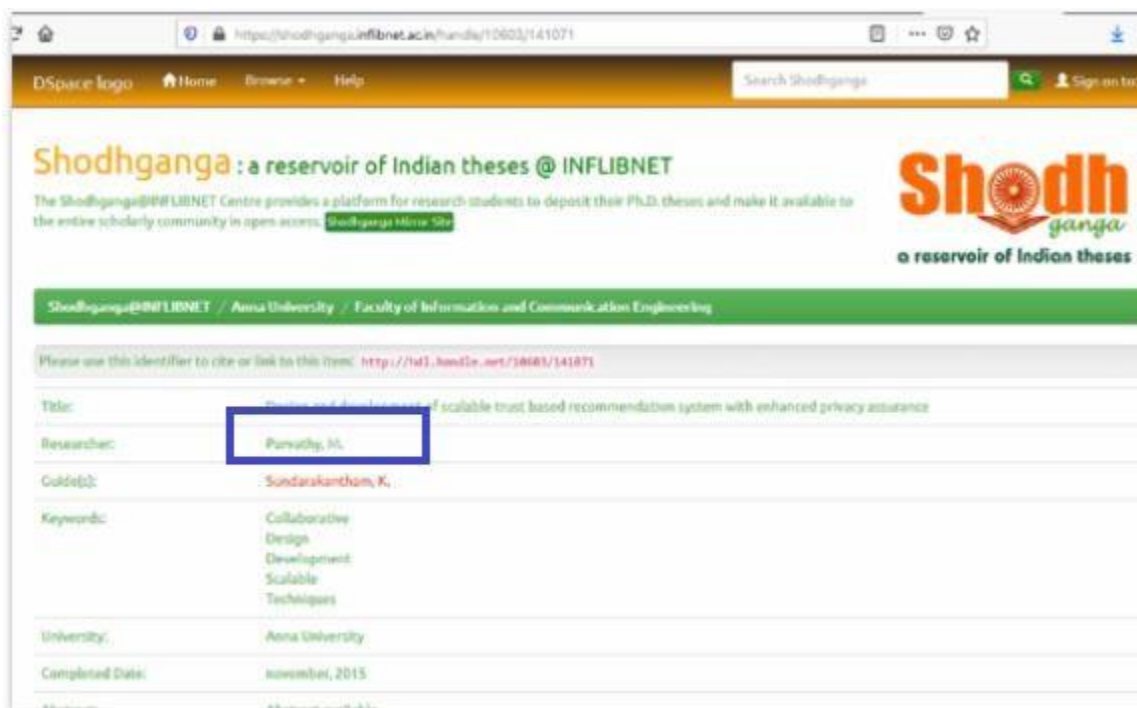


**FACULTY OF MECHANICAL ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

**FEBRUARY 2020**

## Department of Computer Science and Engineering

**Dr.M.PARVATHY**



<https://shodhganga.inflibnet.ac.in/handle/10603/141071>

**DESIGN AND DEVELOPMENT OF SCALABLE  
TRUST BASED RECOMMENDATION SYSTEM  
WITH ENHANCED PRIVACY ASSURANCE**

**A THESIS**

*Submitted by*

**PARVATHY M**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

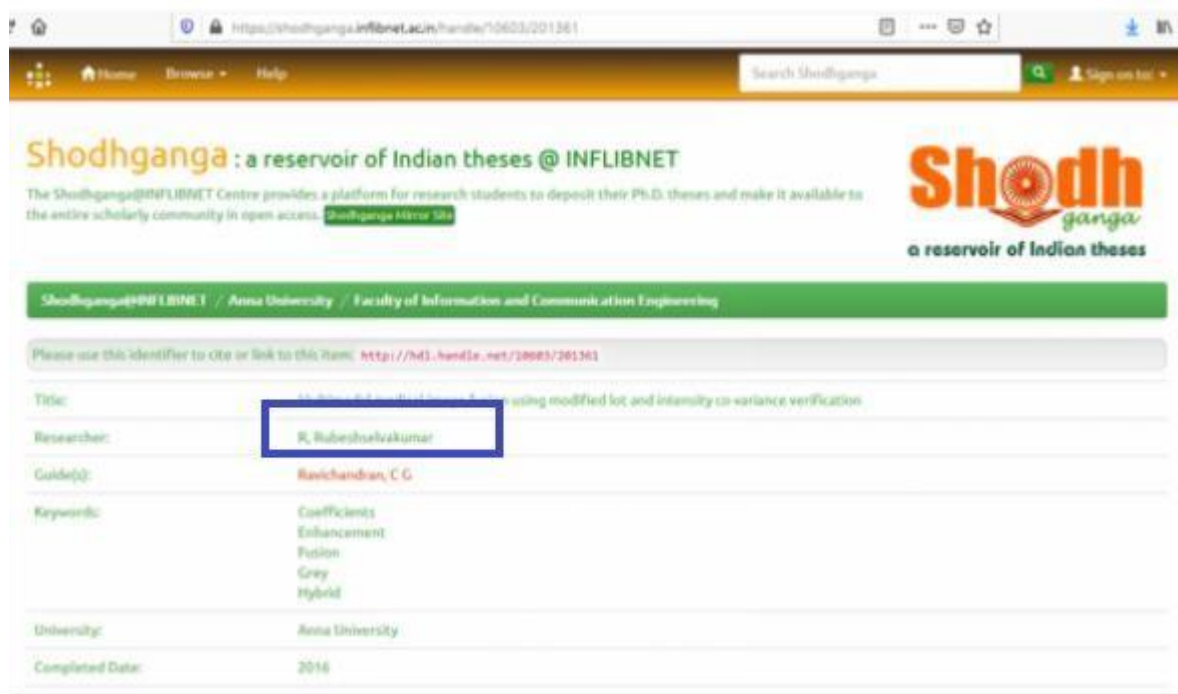
**ANNA UNIVERSITY**

**CHENNAI 600 025**

**NOVEMBER 2015**



## Dr.R.RUBESH SELVAKUMAR



<https://shodhganga.inflibnet.ac.in/handle/10603/201361>

**MULTIMODAL MEDICAL IMAGE FUSION  
USING MODIFIED LOT AND INTENSITY  
CO-VARIANCE VERIFICATION**

**A THESIS**

*Submitted by*

**RUBESHSELVAKUMAR R**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**

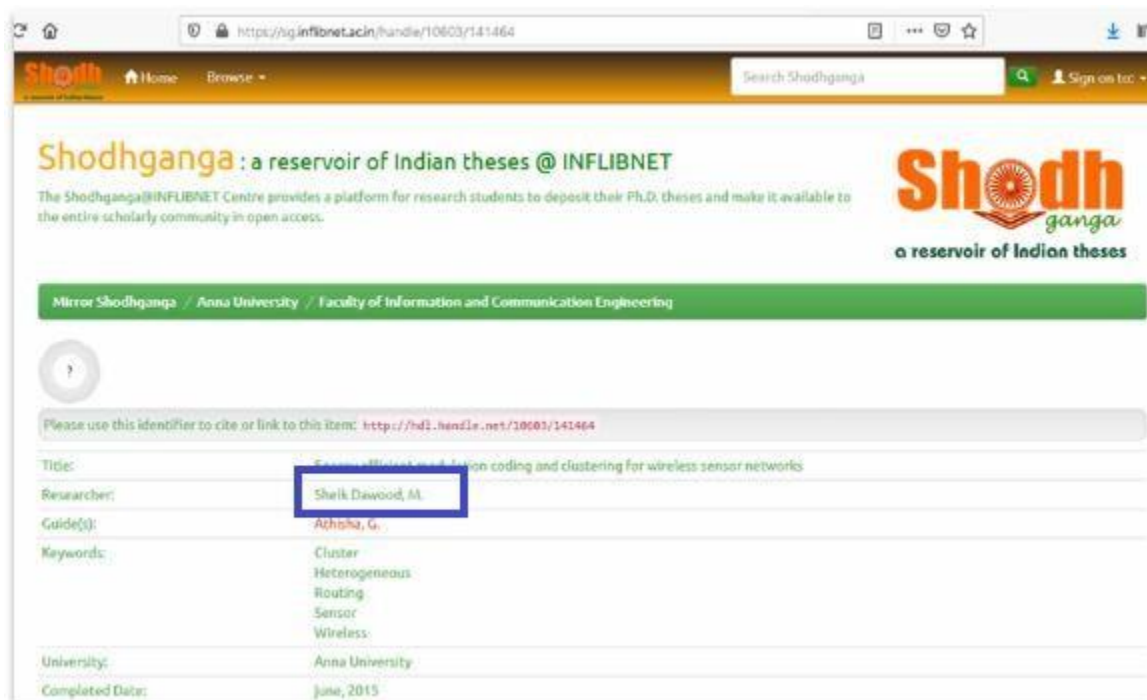


**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**DECEMBER 2016**

**Department of Electronics and Communication Engineering****Dr.M.SHEIK DAWOOD**

<https://sg.inflibnet.ac.in/handle/10603/141464>

**ENERGY EFFICIENT MODULATION, CODING  
AND CLUSTERING FOR WIRELESS SENSOR  
NETWORKS**

**A THESIS**

*Submitted by*

**SHEIK DAWOOD M**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



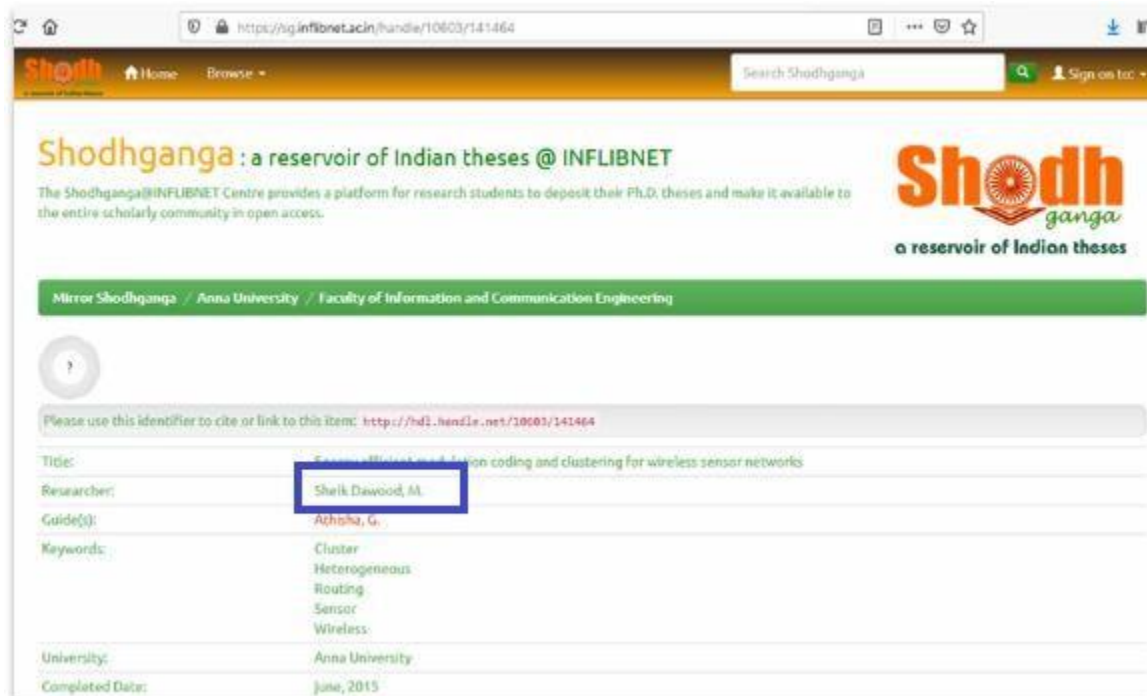
**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**JUNE 2015**

## Dr.K.A.SHAHUL HAMEED



<https://sg.inflibnet.ac.in/handle/10603/234164>

**IMAGE ANALYSIS BASED DIAGNOSIS OF  
ORAL CANCER USING  
IMMUNO-STAINED TISSUE SECTIONS**

**A THESIS**

*Submitted by*

**SHAHUL HAMEED KA**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



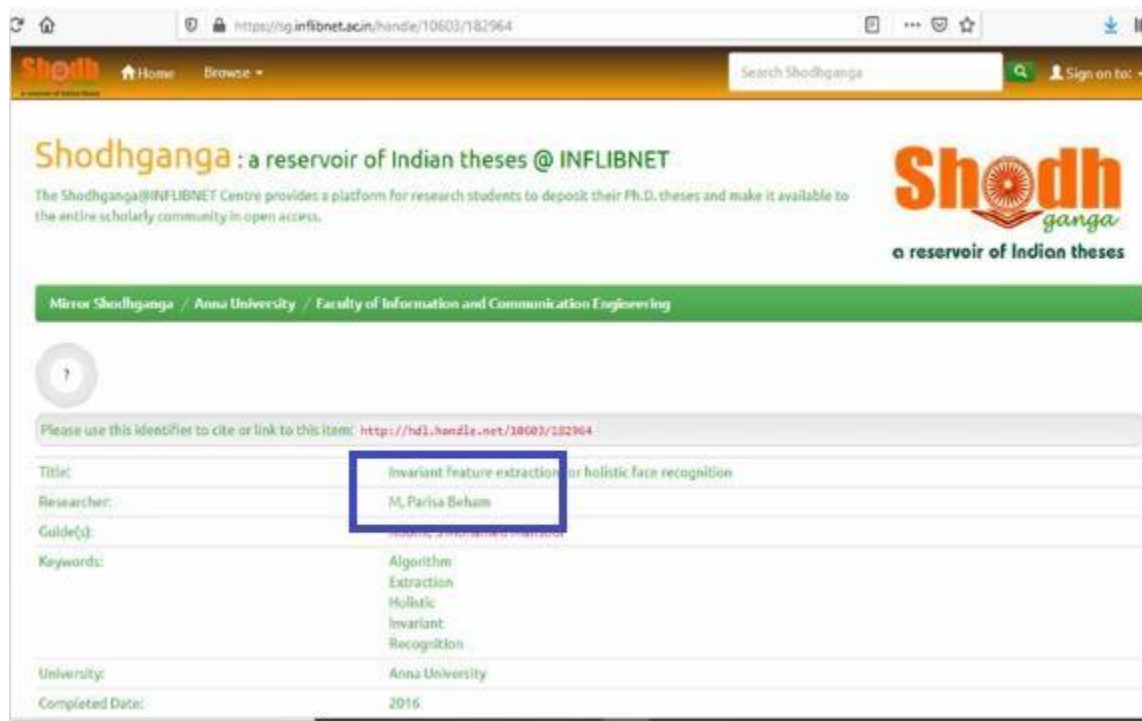
**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**FEBRUARY 2018**

## Dr.M.PARISA BEHAM



<https://sg.inflibnet.ac.in/handle/10603/182964>

**INVARIANT FEATURE EXTRACTION FOR  
HOLISTIC FACE RECOGNITION**

**A THESIS**

*Submitted by*

**PARISA BEHAM M**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

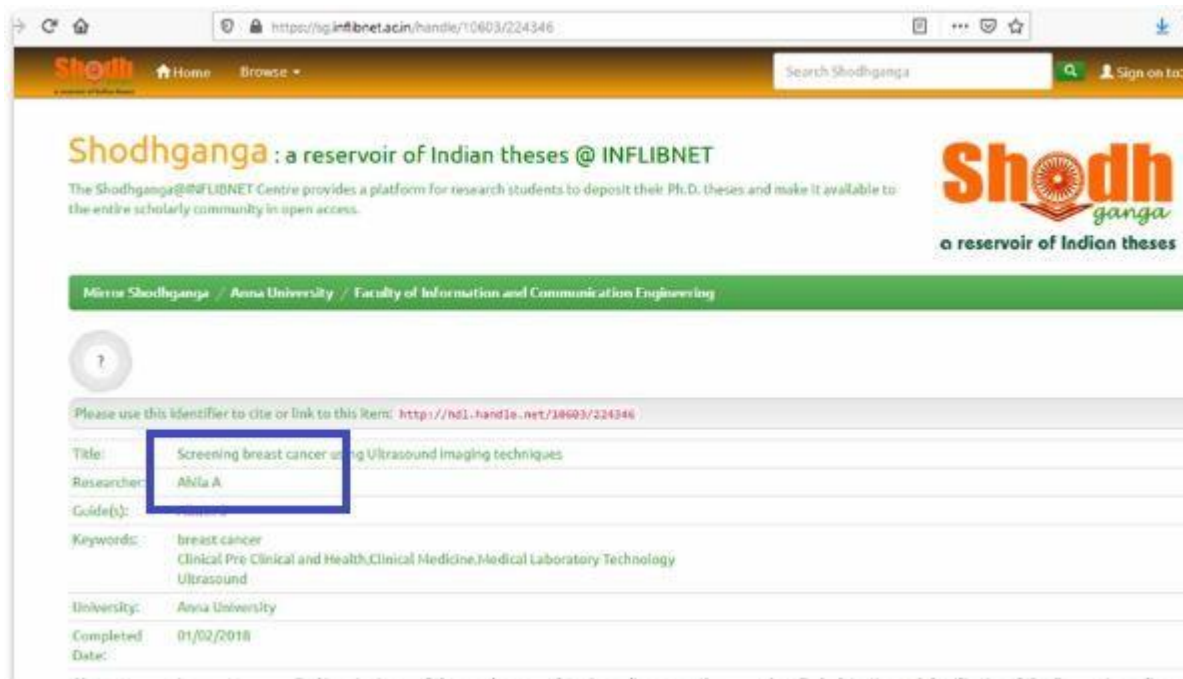
**ANNA UNIVERSITY**

**CHENNAI 600 025**

**JUNE 2016**



## Dr.A.AHILA



<https://sg.inflibnet.ac.in/handle/10603/224346>

**SCREENING BREAST CANCER USING  
ULTRASOUND IMAGING TECHNIQUES**

**A THESIS**

*Submitted by*

**AHILA A**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**FEBRUARY 2018**

**Department of Electrical and Electronics Engineering****Dr.B.MEENAKSHI SUNDARAM**

<https://shodhganga.inflibnet.ac.in/handle/10603/233963>

**CERTAIN INVESTIGATIONS ON THE POWER  
ELECTRONIC INTERFACE AND TECHNIQUES  
FOR HARNESSING MAXIMUM POWER FROM  
GRID CONNECTED RENEWABLE  
ENERGY SOURCES**

**A THESIS**

*Submitted by*

**MEENAKSHI SUNDARAM B**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF ELECTRICAL ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**FEBRUARY 2018**

## Dr.G.NARMADHA



<https://sg.inflibnet.ac.in/handle/10603/256106>

**OPTIMIZATION OF MONTGOMERY  
MULTIPLICATION ALGORITHM FOR PUBLIC  
KEY CRYPTOGRAPHY**

**A THESIS**

*Submitted by*

**NARMADHA G**

*in partial fulfillment of the requirements for the degree of*

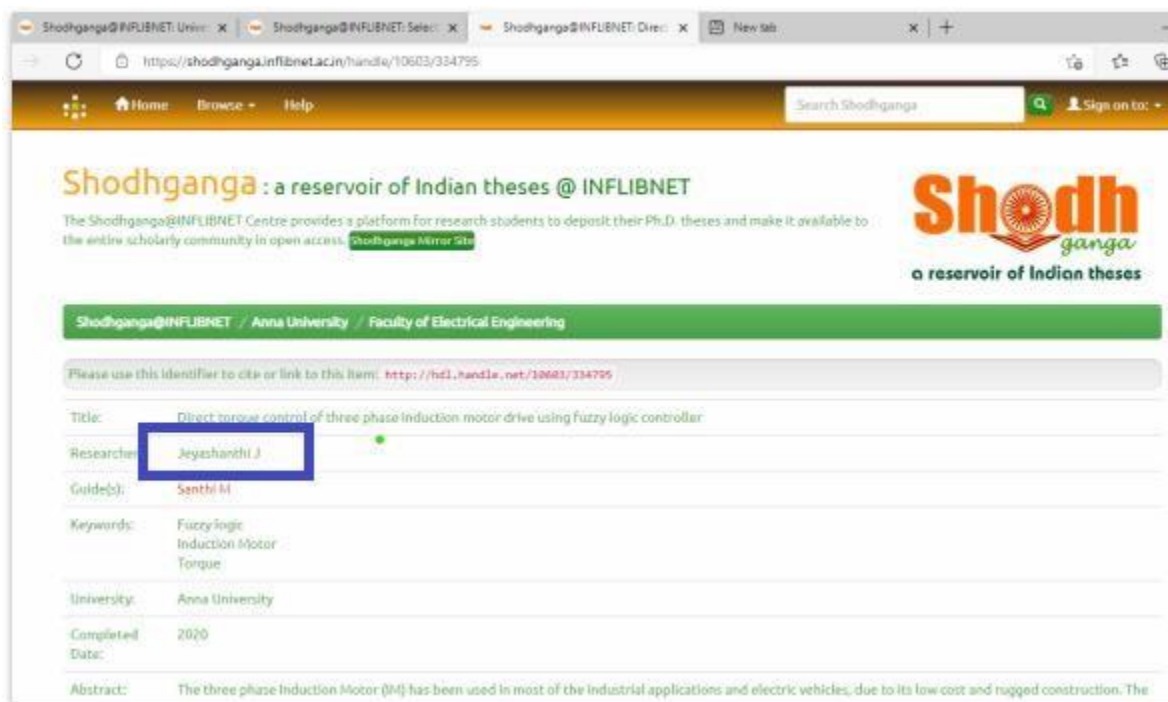
**DOCTOR OF PHILOSOPHY**



**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

**AUGUST 2018**

## Dr.J.JEYASHANTHI



<http://hdl.handle.net/10603/334795>

**DIRECT TORQUE CONTROL OF THREE PHASE  
INDUCTION MOTOR DRIVE USING FUZZY  
LOGIC CONTROLLER**

**A THESIS**

*Submitted by*

**JEYASHANTHI J**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**

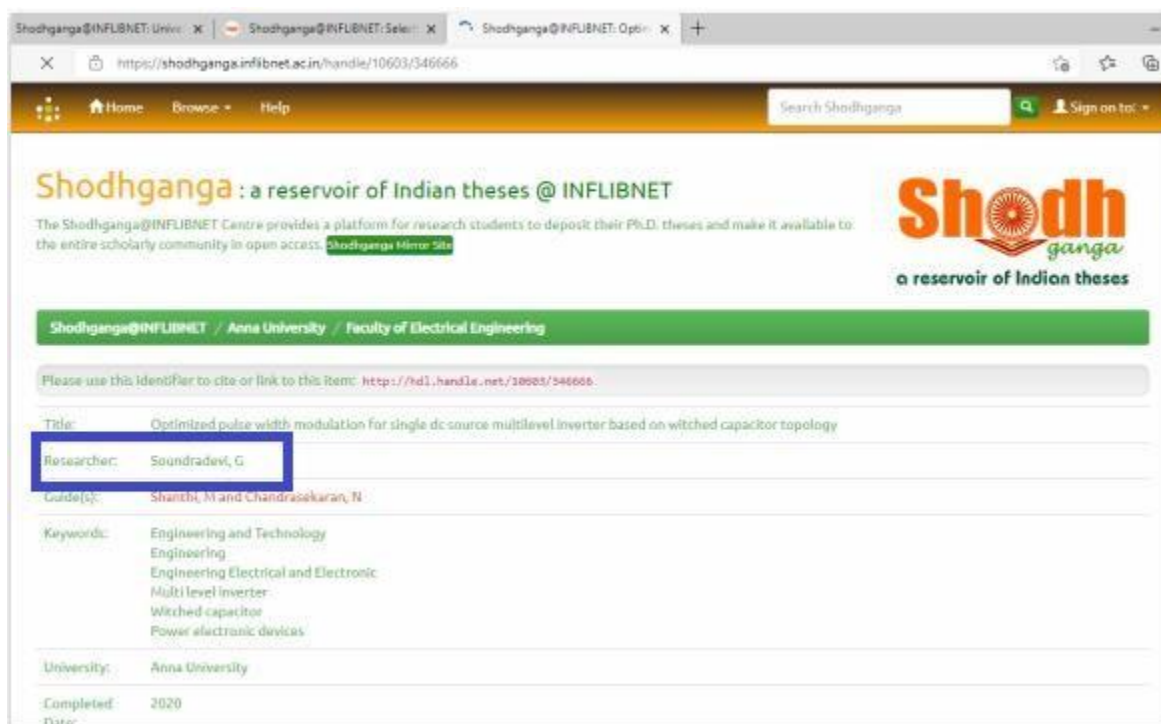


**FACULTY OF ELECTRICAL ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

**JUNE 2020**



## Dr.G.SOUNDRADEVI



<http://hdl.handle.net/10603/346666>

**OPTIMIZED PULSE WIDTH MODULATION FOR  
SINGLE DC SOURCE MULTILEVEL INVERTER  
BASED ON SWITCHED CAPACITOR TOPOLOGY**

**A THESIS**

*Submitted by*

**SOUNDRA DEVI G**

*in partial fulfillment of the requirements for the degree of*

**DOCTOR OF PHILOSOPHY**



**FACULTY OF ELECTRICAL ENGINEERING  
ANNA UNIVERSITY  
CHENNAI 600 025**

**MARCH 2020**

## Department of Mathematics

**Dr.D.LAKSHMANARAJ**



<https://sg.inflibnet.ac.in/handle/10603/138677>

**EQUITABLE DOMINATION  
AND IRREDUNDANCE IN GRAPHS**

Thesis submitted to Madurai Kamaraj University  
for the award of  
Degree of Doctor of Philosophy in Mathematics

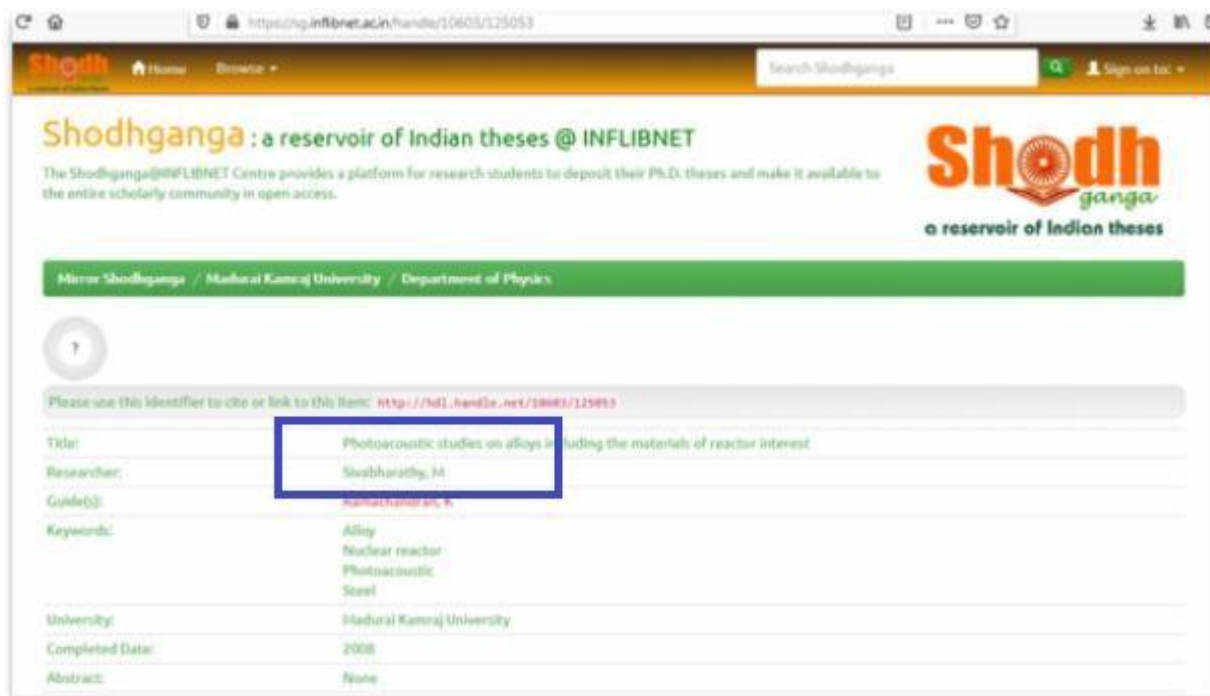
By  
**D.LAKSHMANARAJ**  
HOD In-charge  
Sethu Institute of Technology  
Kariapatti  
TAMILNADU, INDIA  
(Registration No. 3860)



**SUPERVISOR**  
**Dr. V. SWAMINATHAN**  
Madurai.  
November 2011

## Department of Physics

**Dr.M.SIVABHARATHY**



<https://sg.inflibnet.ac.in/handle/10603/125053>

**PHOTOACOUSTIC STUDIES ON ALLOYS INCLUDING  
THE MATERIALS OF REACTOR INTEREST**

*Thesis submitted to Madurai Kamaraj University  
in partial fulfillment of the requirements  
for the award of the Degree of  
**DOCTOR OF PHILOSOPHY***

By  
**M. Sivabharathy**  
Reg. No : 970



School of Physics  
Madurai Kamaraj University  
(University with Potential for Excellence)  
Madurai - 625 021  
India

**March 2008**

## Dr.S.KARTHICK KUMAR



<https://sg.inflibnet.ac.in/handle/10603/135499>

**PREPARATION AND CHARACTERIZATION OF  
NANOSTRUCTURED SOLAR ABSORBERS FOR  
SOLAR FLUID HEATING SYSTEMS**

Thesis

Submitted to Madurai Kamaraj University  
for the award of the Degree of  
**DOCTOR OF PHILOSOPHY IN ENERGY SCIENCE**

Submitted by

**S. KARTHICK KUMAR, M.Sc., M.Phil.,**  
(Reg. No. F 8176)



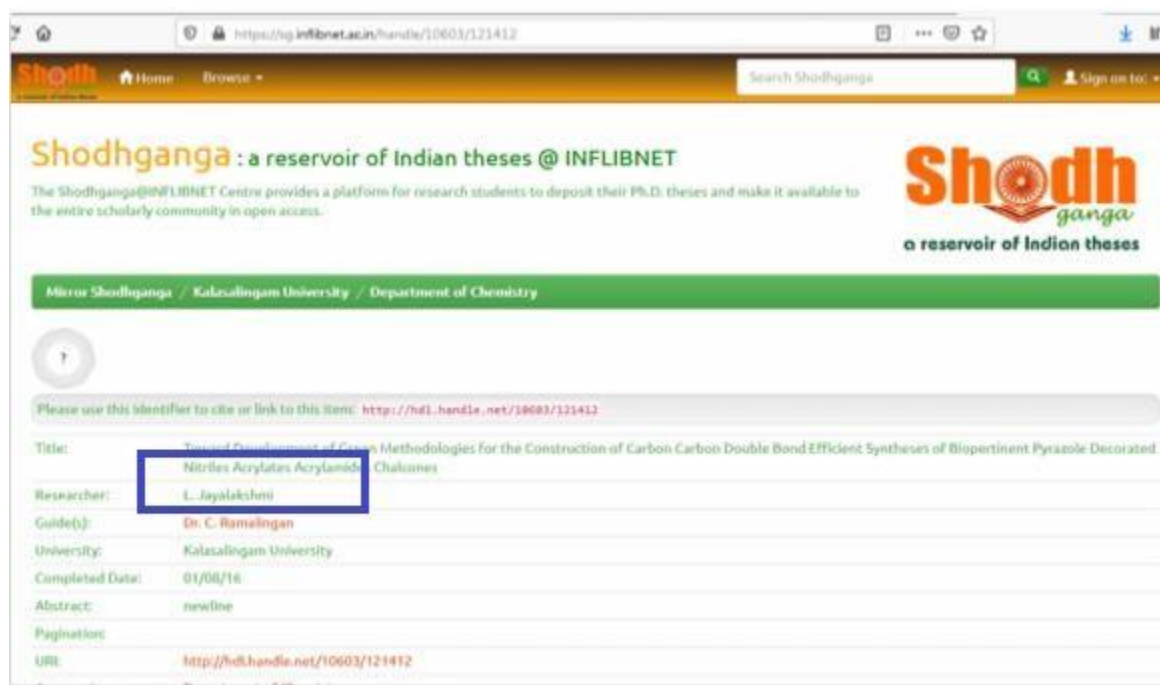
**SCHOOL OF ENERGY, ENVIRONMENT & NATURAL RESOURCES  
MADURAI KAMARAJ UNIVERSITY**  
*(University with Potential for Excellence)*  
**MADURAI-625 021  
INDIA**

**JULY, 2014**



## Department of Chemistry

**Dr.L.JAYALAKSHMI**



<https://sg.inflibnet.ac.in/handle/10603/121412>

**TOWARD DEVELOPMENT OF GREEN METHODOLOGIES FOR THE  
CONSTRUCTION OF CARBON-CARBON DOUBLE BOND: EFFICIENT  
SYNTHESES OF BIOPERTINENT PYRAZOLE DECORATED  
NITRILES / ACRYLATES / ACRYLAMIDES / CHALCONES**

**THESIS**

*Submitted by*

**JAYALAKSHMI L.**  
(Reg. No. 200904213)

*in partial fulfillment for the award of the degree  
of*

**DOCTOR OF PHILOSOPHY**



**DEPARTMENT OF CHEMISTRY  
KALASALINGAM UNIVERSITY  
ANAND NAGAR, KRISHNANKOIL – 626 126**

**AUGUST 2016**