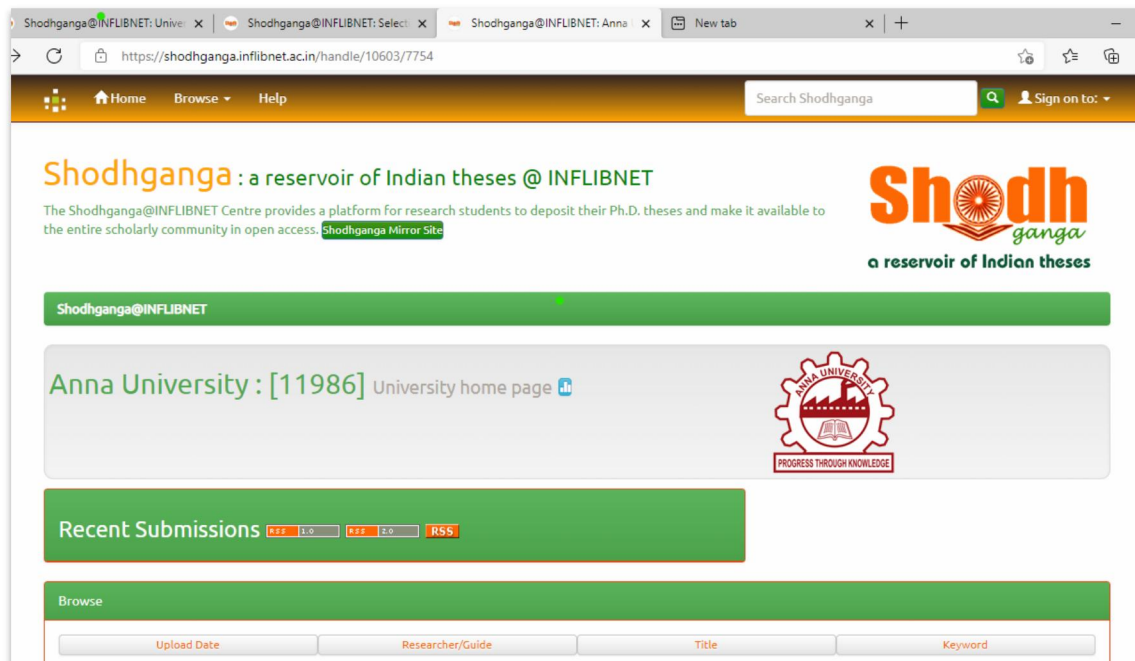




|                                                                    |                                           |
|--------------------------------------------------------------------|-------------------------------------------|
| <b>CRITERION 4</b><br><b>Infrastructure and Learning Resources</b> | <b>4.2 Library as a Learning Resource</b> |
| <b>4.2.2 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:' dropdown. Below the navigation bar, the website's logo and tagline 'a reservoir of Indian theses @ INFLIBNET' are displayed. A green banner indicates 'Shodhganga@INFLIBNET'. The main content area shows 'Browsing by Researcher/Guide Senthil kumar A'. Below this, there is a search bar with a 'Go' button and a 'Sort by:' dropdown menu. A table displays the search results, showing 5 results. The table has columns for 'Upload Date', 'Title', 'Researcher', and 'Guide(s)'. The results are as follows:

| Upload Date | Title                                                                                                                            | Researcher            | Guide(s)        |
|-------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|
| 12-Nov-2020 | CFD Modeling and Design Optimization of a Low Pressure Steam Turbine Exhaust Hood                                                | Veerabathraswamy K    | Senthil kumar A |
| 12-Nov-2020 | CFD Modeling and Design Optimization of a Low Pressure Steam Turbine Exhaust Hood                                                | Veerabathraswamy K    | Senthil kumar A |
| 22-Aug-2019 | Crashworthiness analysis of single and bi tubular thin walled structures                                                         | Vinayagar K           | Senthil kumar A |
| 19-Aug-2021 | Experimental and optimisation studies on mechanical and machining characteristics of carbon fibre reinforced aluminium laminates | Muthu chandha 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    |

At the bottom of the page, there is a footer with the text 'Theme by: INFLIBNET' and 'Copyright © 2002-2013'.

[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**



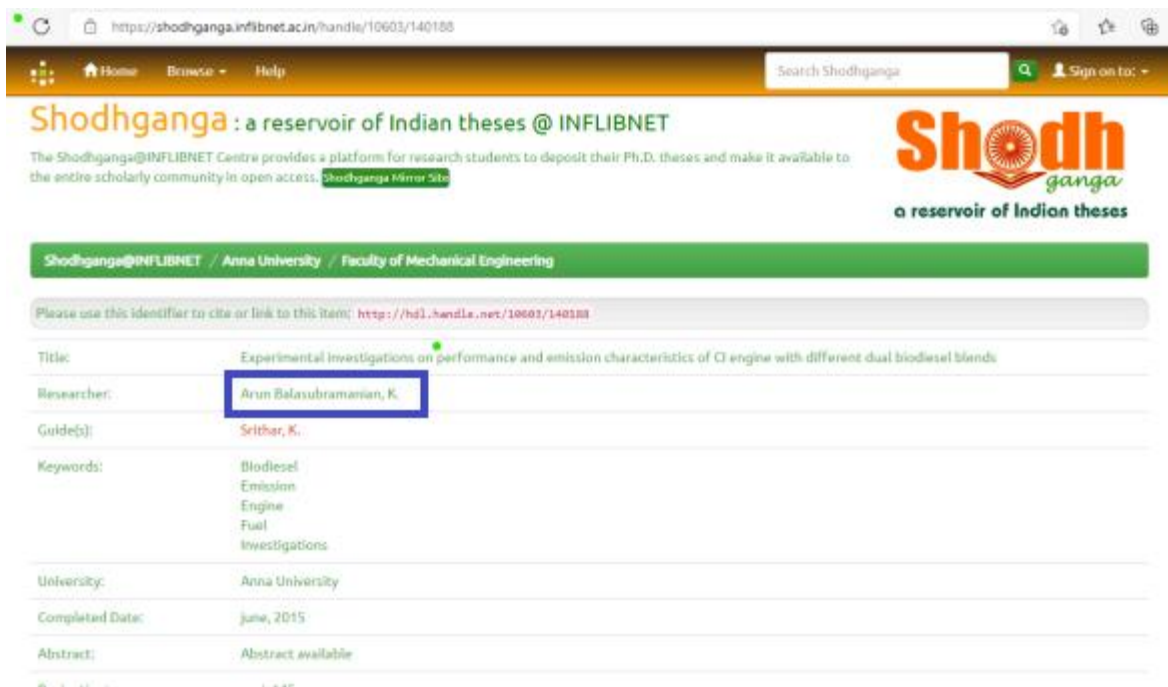
**FACULTY OF MECHANICAL ENGINEERING**

**ANNA UNIVERSITY**

**CHENNAI 600 025**

**SEPTEMBER 2011**

## Dr.K.ARUN BALASUBRAMANIAN



The screenshot shows a web browser displaying a Shodhganga repository page. The URL in the address bar is <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 Shodhganga logo and tagline "a reservoir of Indian theses @ INFLIBNET" are visible. Below the header, a green banner indicates the document is from Anna University, Faculty of Mechanical Engineering. A citation instruction box provides the handle URL. The main content area lists the following details:

|                 |                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| Title:          | Experimental investigations on performance and emission characteristics of CI engine with different dual biodiesel blends |
| Researcher:     | Arun Balasubramanian, K.                                                                                                  |
| Guide(s):       | Sethur, K.                                                                                                                |
| Keywords:       | Biodiesel<br>Emission<br>Engine<br>Fuel<br>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**

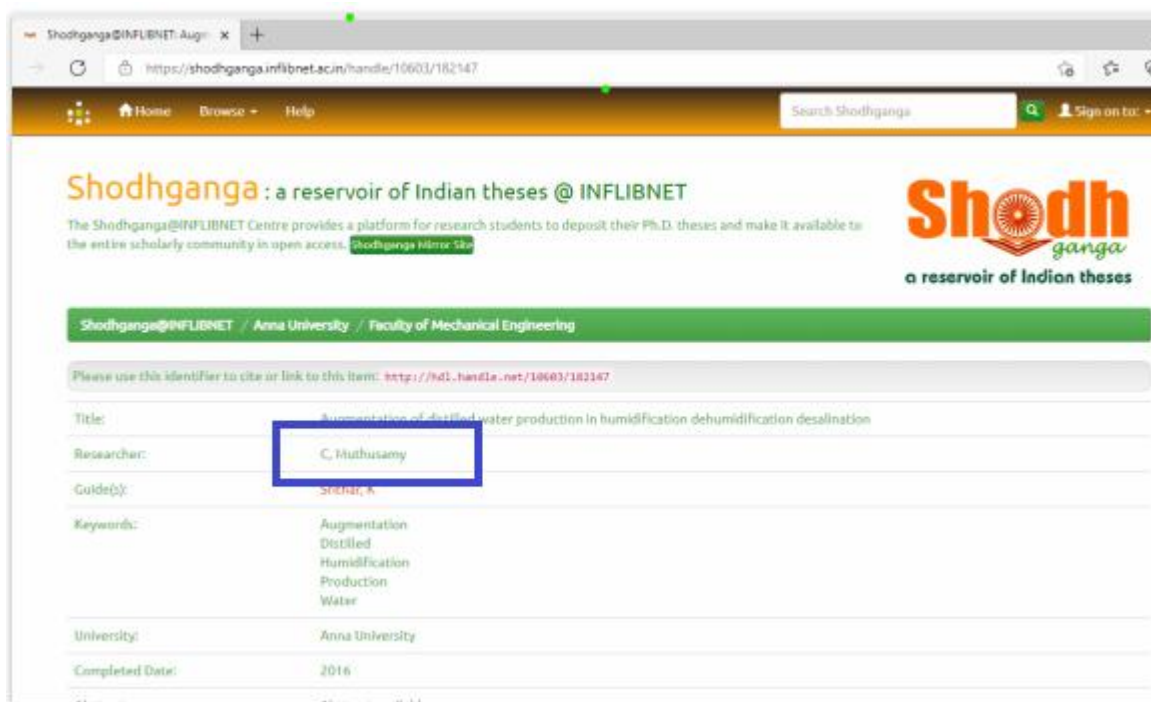
**JUNE 2015**



U P R E S T H A T I O N A L A C C R E D I T A T I O N A L A G E N C Y



## 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

The screenshot shows a web browser displaying a thesis record on the Shodhganga@INFLIBNET platform. The page has an orange header with navigation links (Home, Browse, Help) and a search bar. The main content area features the Shodhganga logo and a green banner indicating the user is viewing a record from Anna University's Faculty of Mechanical Engineering. The record details are as follows:

|                                                                                                                                              |                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Please use this identifier to cite or link to this item: <a href="http://hdl.handle.net/10603/249474">http://hdl.handle.net/10603/249474</a> |                                                                                                                                                                                                                                                                                                         |
| Title:                                                                                                                                       | Design and investigation of selective laser sintering part properties                                                                                                                                                                                                                                   |
| Researcher:                                                                                                                                  | Vijay Arasu I                                                                                                                                                                                                                                                                                           |
| Guide(s):                                                                                                                                    | Chockalingam K.                                                                                                                                                                                                                                                                                         |
| Keywords:                                                                                                                                    | Engineering and Technology, Engineering, Engineering Mechanical, Laser, Selective Laser Sintering                                                                                                                                                                                                       |
| University:                                                                                                                                  | Anna University                                                                                                                                                                                                                                                                                         |
| Completed Date:                                                                                                                              | 2018                                                                                                                                                                                                                                                                                                    |
| Abstract:                                                                                                                                    | A wide range of material used in Selective Laser Sintering SLS process opens the research thrust in the Additive Manufacturing AM or Solid Freeform Fabrication (SFF) and the design of the research and development of the materials for the manufacturing of the components in the AM or SFF process. |

<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**



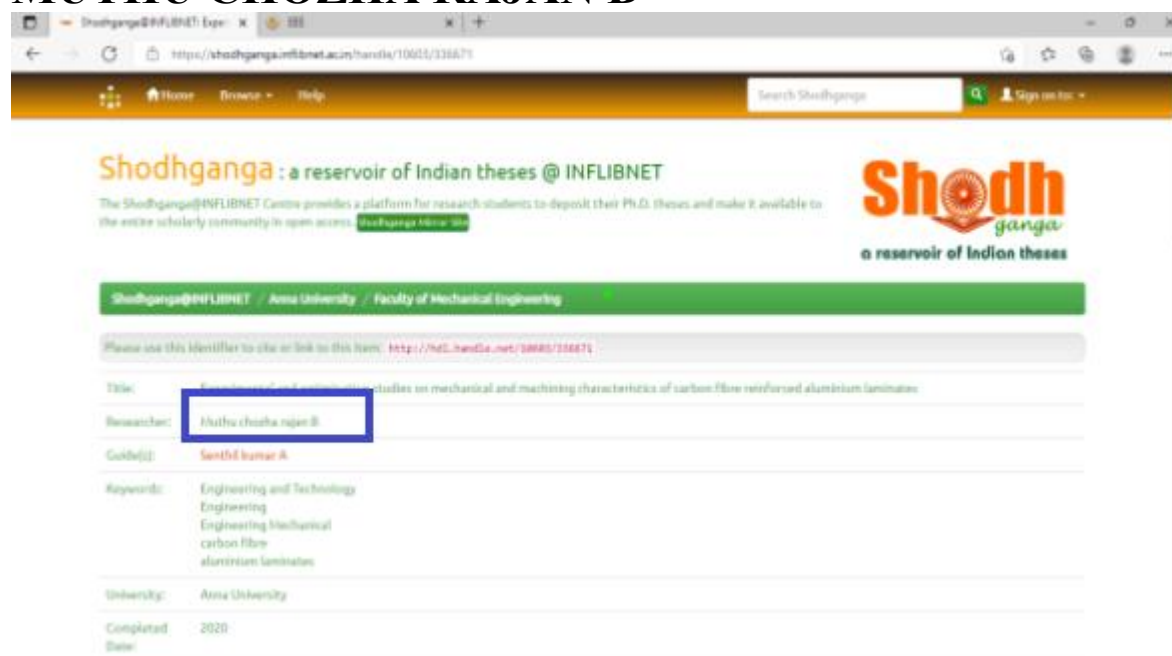
**FACULTY OF MECHANICAL ENGINEERING**

**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



The screenshot shows the Shodhganga@INFLIBNET website interface. The header includes the site name and a search bar. The main content area displays a thesis record for Dr. R. Rubesh Selvakumar. The record includes the title, researcher name (highlighted with a blue box), guide name, keywords, university, and completion date.

Shodhganga : a reservoir of Indian theses @ INFLIBNET

The Shodhganga@INFLIBNET Centre provides a platform for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access. [Shodhganga Mirror Site](#)

Shodhganga@INFLIBNET / Anna University / Faculty of Information and Communication Engineering

Please use this identifier to cite or link to this item: <http://hdl.handle.net/10603/201361>

Title: [An efficient method of image denoising using modified lot and intensity co-variance verification](#)

Researcher: **R. Rubeshselvakumar**

Guide(s): [Ravichandran, C G](#)

Keywords: Coefficients  
Enhancement  
Fusion  
Grey  
Hybrid

University: Anna University

Completed Date: 2016

<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**

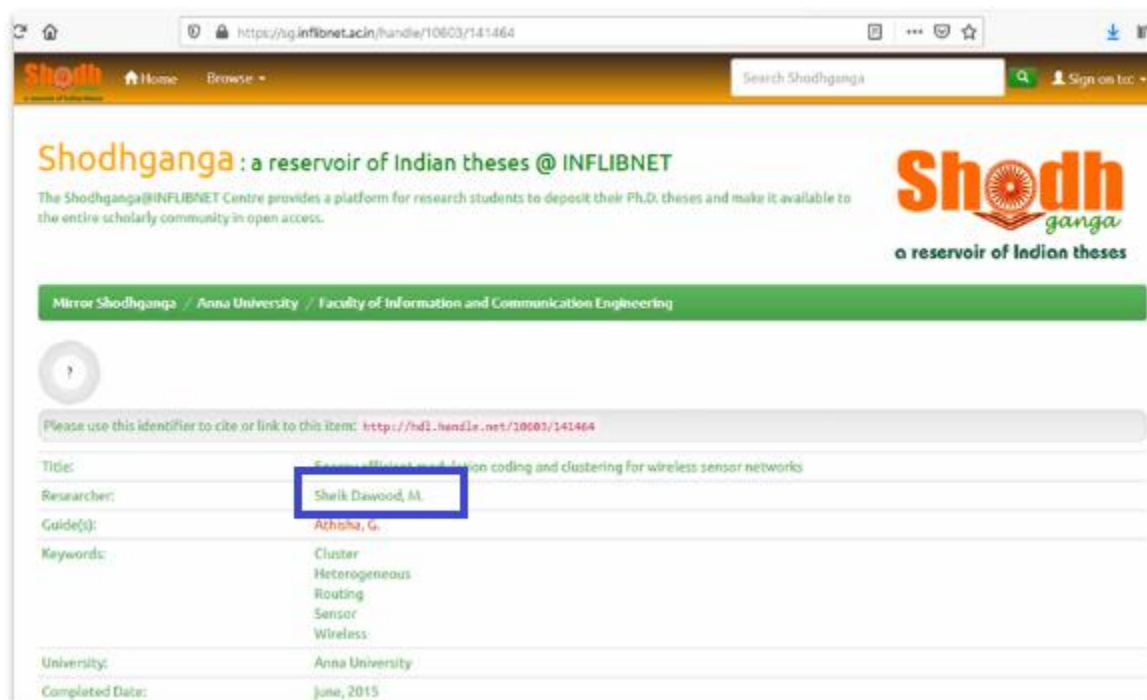
**ANNA UNIVERSITY**

**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**



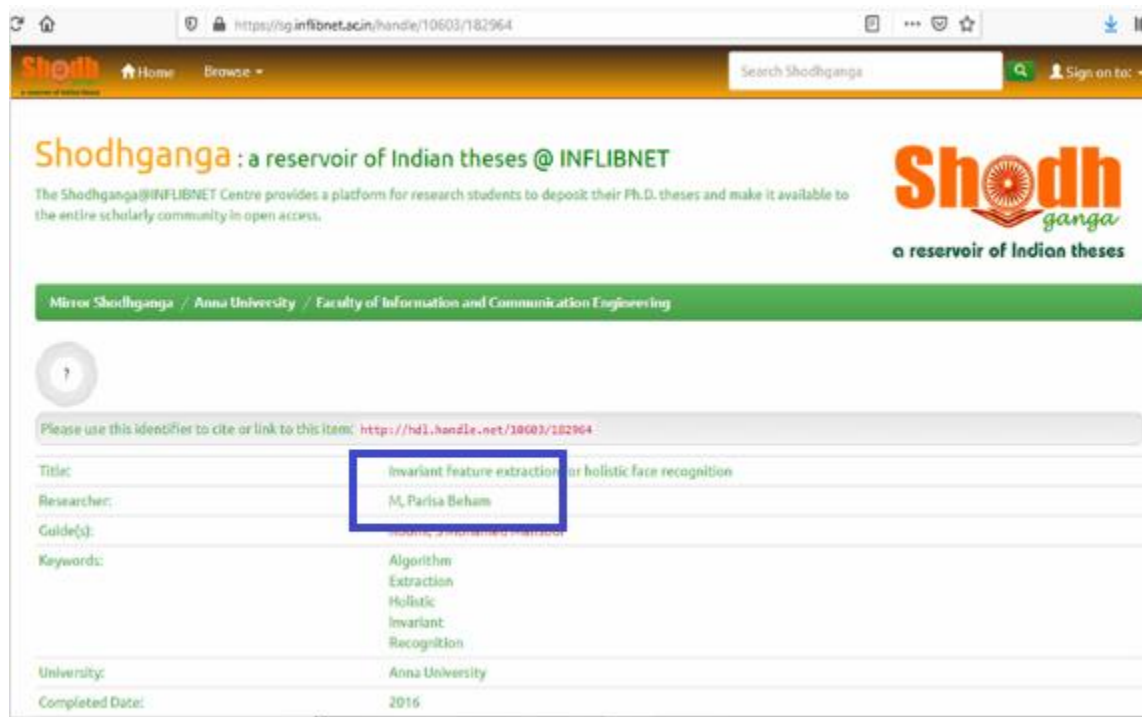
**FACULTY OF INFORMATION AND  
COMMUNICATION ENGINEERING**

**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**



The screenshot shows a web browser displaying a Shodhganga repository page. The URL in the address bar is <https://shodhganga.inflibnet.ac.in/handle/10603/233963>. The page header includes navigation links (Home, Browse, Help), a search bar, and a sign-in option. The main content area features the Shodhganga logo and a description: "Shodhganga : a reservoir of Indian theses @ INFLIBNET". Below this, a green banner indicates the location: "Shodhganga@INFLIBNET // Anna University // Faculty of Electrical Engineering". A citation instruction states: "Please use this identifier to cite or link to this item: <http://hdl.handle.net/10603/233963>". The thesis details are listed in a table-like format:

|                 |                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Title:          | Certain investigations on the power electronic interface and techniques for harnessing maximum power from grid connected renewable energy sources |
| Researcher:     | B. Meenakshi Sundaram                                                                                                                             |
| Guide(s):       | Manikandan, B V                                                                                                                                   |
| Keywords:       | Electronic<br>Energy<br>Grid<br>Power<br>Renewable                                                                                                |
| University:     | Anna University                                                                                                                                   |
| Completed Date: | 2018                                                                                                                                              |

<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*

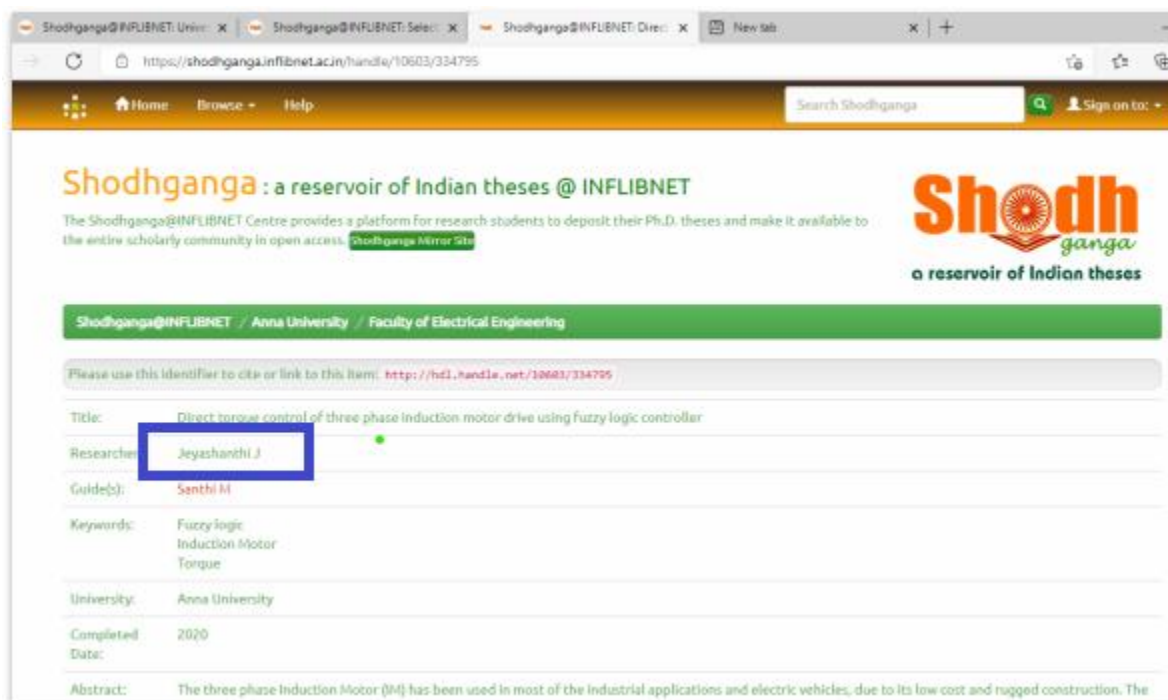
**DOCTOR OF PHILOSOPHY**



**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*

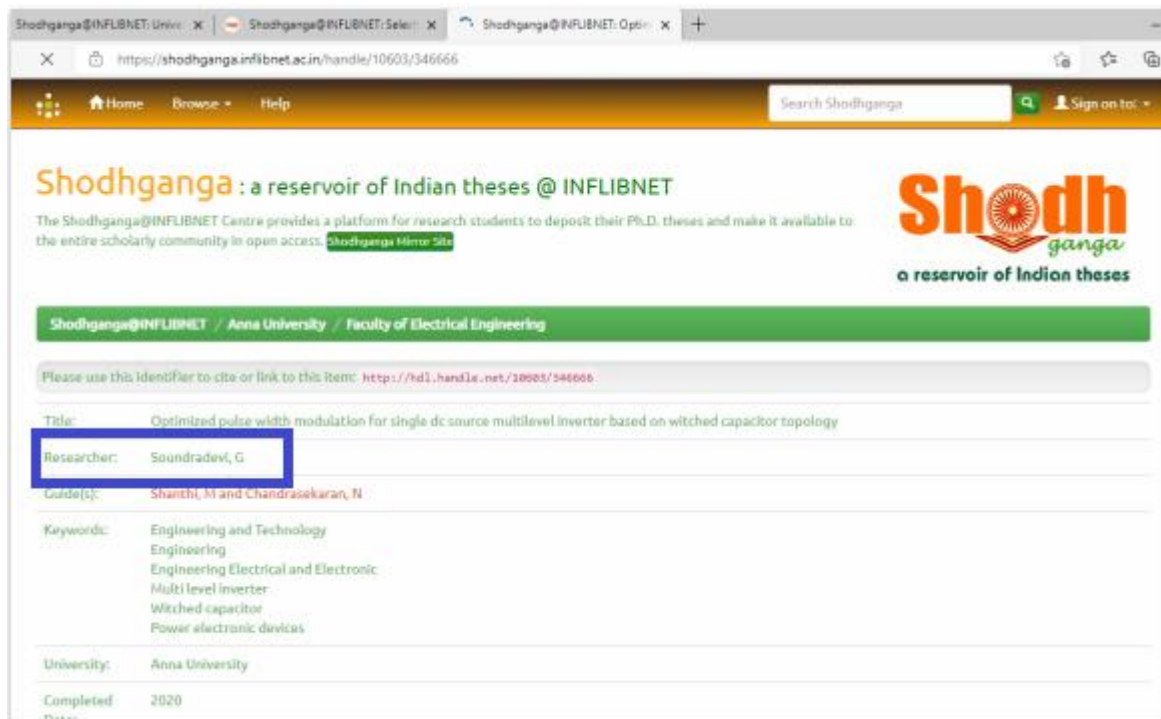
**DOCTOR OF PHILOSOPHY**



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

**JUNE 2020**

## Dr.G.SOUNDEDEVI



<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

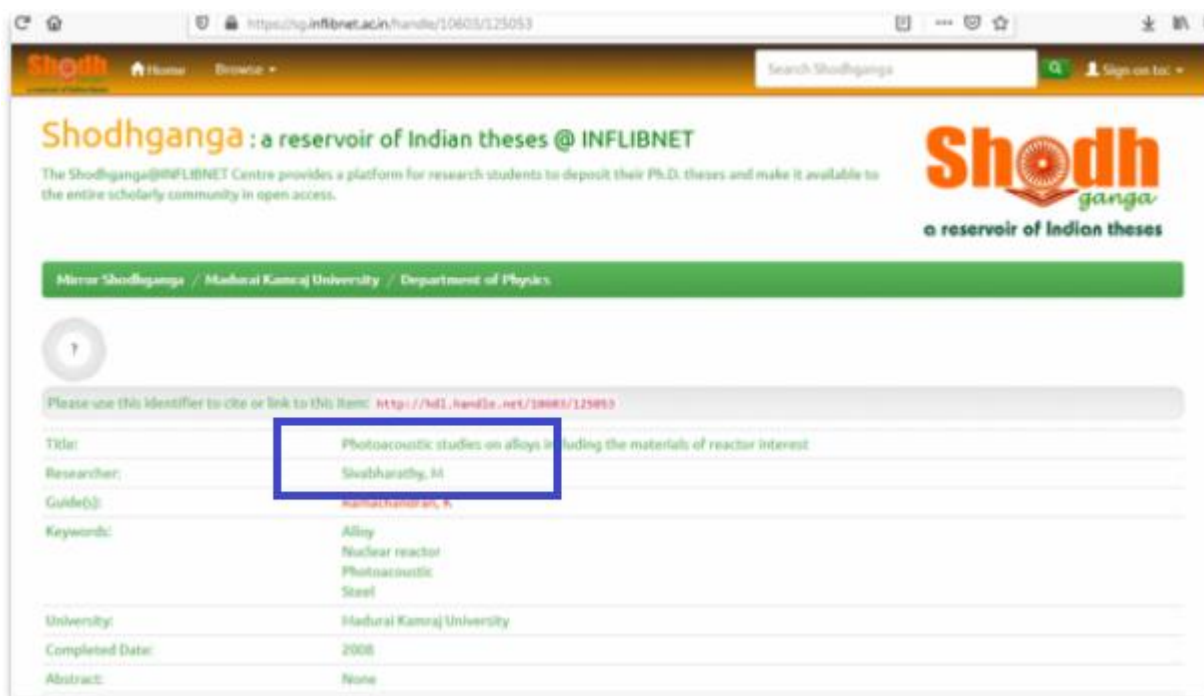
By  
**D.LAKSHMANARAJ**  
HOD In-charge  
Sethu Institute of Technology  
Kariapatti  
TAMILNADU, INDIA  
(Registration No. 3860)



**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**