

NAAC

AQAR 2021 - 22

## 4.2 Library as a Learning Resource

### 4.2. E-SHODHSINDHU

## SHODHGANGA MEMBERSHIP

### Sample Theses of Faculty of the College

The screenshot shows the National Digital Library of India (NDLI) website interface. The user is logged in as 'SETHU INSTITUTE OF TECHNOLOGY'. The search results page displays a list of theses with the following details:

- Thesis 1:** The effects of Pondicherry distillery effluent on the growth and yield of Vigna mungo(L.) hepper Cv. T9. Source: Infibnet-Shodhganga Research | UG and PG. Language: ENG.
- Thesis 2:** Information technology application and level of user satisfaction in degree college libraries in Chandigarh: an analytical stu... Source: Infibnet-Shodhganga Research | UG and PG. Language: ENG. Description: In view of the ascent of Information Technology (IT), the topic entitled, Information Technology Application and Level of User Satisfaction in Degree College Libraries in- Chandigarh: An Analytical St. View more.
- Thesis 3:** Dharmveer Bharti vyakitwa our krutitwr. Source: Infibnet-Shodhganga Research | UG and PG. Language: HIN.
- Thesis 4:** Kittles Kannada English dictionary Ondu samskrutik adhyayna. Source: Infibnet-Shodhganga Research | UG and PG. Language: KAN.
- Thesis 5:** Sambhulingesvara Vijaya campu a critical analysis. Source: Infibnet-Shodhganga.

PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (DI)

# Dr.A.SENTHIL KUMAR

The screenshot shows the Shodhganga website interface. At the top, there is a navigation bar with 'Home', 'Browse', and 'Help' links, a search bar, and a 'Sign on to:' option. The main header features the Shodhganga logo and the text 'a reservoir of Indian theses @ INFLIBNET'. Below this, a green banner reads 'Shodhganga@INFLIBNET'. The main content area is titled 'Browsing by Researcher/Guide Senthil kumar A'. There are search filters for 'Jump to' (with a grid of numbers) and 'Sort by' (Title, In order: Ascending, Results/Page: 20, Authors/Record: All, Update). A table displays search results with columns for Upload Date, Title, Researcher, and Guide(s). The table contains five entries, with the first two having the same title: 'CFD Modeling and Design Optimization of a Low Pressure Steam Turbine Exhaust Hood'. The footer includes the logo of Anna University and the copyright notice 'Copyright © 2002-2013'.

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 optimization studies on mechanical and machining characteristics of carbon fibre reinforced aluminium laminates	Muthu chotha rajan B	Senthil kumar A
20-Apr-2015	Improved performance using event Management for Wi max based AD HOC and sensor networks	Senthil kumar A	Rameswari 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=)

  
PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)

## Department of Mechanical Engineering

**Dr.C.KAILASANATHAN**

The screenshot shows the Shodhganga website interface. The browser address bar displays the URL: <https://shodhganga.inflibnet.ac.in/handle/10603/25176>. The page header includes navigation links for Home, Browse, and Help, along with a search bar and a sign-in option. The main content area features the Shodhganga logo and the text "a reservoir of Indian theses @ INFLIBNET". Below this, a green navigation bar indicates the location: "Shodhganga@INFLIBNET / Anna University / Faculty of Mechanical Engineering". A text box provides the identifier: "Please use this identifier to cite or link to this item: <http://hdl.handle.net/10603/25176>". The record details are as follows:

Title:	Mechanical behaviour of ceramic reinforced nanohydroxyapatite gelatin composites for bone grafting
Researcher:	Kailasanathan, C
Guide(s):	Srinivasan, V
Keywords:	Biocomposites Bone grafts Ceramic composites Fabricate.biocomposites Gelatin Mechanical behaviour Mechanical engineering Nanohydroxyapatite
Upload Date:	17-Sep-2014

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

  
PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (DI)

**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**



**PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)**

# Dr.K.ARUN BALASUBRAMANIAN

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

Home Browse Help Search Shodhganga Sign on to:

**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**  
a reservoir of Indian theses

Shodhganga@INFLIBNET / Anna University / Faculty of Mechanical Engineering

Please use this identifier to cite or link to this item: <http://hdl.handle.net/10603/140188>

Title:	Experimental investigations on performance and emission characteristics of CI engine with different dual biodiesel blends
Researcher:	<b>Arun Balasubramanian, K.</b>
Guide(s):	Srihar, 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>



PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)



**Dr.C MUTHUSAMY**

The screenshot shows a web browser window with the URL <https://shodhganga.inflibnet.ac.in/handle/10603/182147>. The page header includes the Shodhganga logo and the text "a reservoir of Indian theses @ INFLIBNET". Below the header, there is a navigation bar with "Home", "Browse", and "Help" options. The main content area displays the following information:

- Title:** Augmentation of distilled water production in humidification dehumidification desalination
- Researcher:** C. Muthusamy (highlighted with a blue box)
- Guide(s):** Srinivas, A.
- Keywords:** Augmentation, Distilled, Humidification, Production, Water
- University:** Anna University
- Completed Date:** 2016

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

**PRINCIPAL**  
**SETHU INSTITUTE OF TECHNOLOGY**  
**PULLOOR, KARIAPATTI - 626 115**  
**VIRUDHUNAGAR (Dt)**



**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**



**PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)**



**Dr.I.VIJAY ARASU**

The screenshot shows a web browser window displaying a Shodhganga INFLIBNET page. The URL in the address bar is <https://shodhganga.inflibnet.ac.in/handle/10603/249474>. The page header includes navigation links for Home, Browse, and Help, and a search bar containing the text 'gle and Bitubular Thin walled Structures'. The main heading is 'Shodhganga : a reservoir of Indian theses @ INFLIBNET'. Below this, there is a description of the platform and a logo for Shodhganga. A green navigation bar indicates the current location: 'Shodhganga@INFLIBNET / Anna University / Faculty of Mechanical Engineering'. A citation instruction states: 'Please use this Identifier to cite or link to this item: <http://hdl.handle.net/10603/249474>'. The record details are as follows:

Title:	Design and investigation of selective laser sintering part properties
Researcher:	Vijay Arasu I
Guide(s):	Chockalingem K.
Keywords:	Engineering and Technology, Engineering, Engineering Mechanical, Laser, Selective Laser Sintering
University:	Anna University
Completed Date:	2015
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) technology. The research work has been done on the material, the experimental results, and the results of the SLS process.

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

**PRINCIPAL**  
**SETHU INSTITUTE OF TECHNOLOGY**  
**PULLOOR, KARIAPATTI - 626 115**  
**VIRUDHUNAGAR (Dt)**

**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**



**PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)**

**Dr.G.VENGATESAN**

The screenshot shows a web browser displaying a page from the Shodhganga@INFLIBNET repository. The page title is "Shodhganga : a reservoir of Indian theses @ INFLIBNET". The URL in the address bar is <https://shodhganga.inflibnet.ac.in/handle/10603/260122>. The page features a search bar and a navigation menu. The main content area displays the following information:

- Title:** Finite element modelling of non linear assembly for minimizing manufacturing cost
- Researcher:** Venkatesan G (highlighted with a blue box)
- Guide(s):** Sivasubramanian R
- Keywords:** Engineering and Technology, Engineering, Engineering, Mechanical, Minimizing Manufacturing Cost, Non-Linear Assembly
- University:** Anna University
- Completed Date:** 2018
- Abstract:** Precision assemblies need close tolerance components. A close tolerance component requires secondary operations, which increase the manufacturing cost considerably. Selection assembly is a method of avoiding secondary assemblies from tight tolerance components, and it reduces secondary operations to zero.

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

**PRINCIPAL**  
**SETHU INSTITUTE OF TECHNOLOGY**  
**PULLOOR, KARIAPATTI - 626 115**  
**VIRUDHUNAGAR (Dt)**

**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**



**PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)**

# MUTHU CHOZHA RAJAN B

The screenshot shows a web browser window displaying the Shodhganga@INFLIBNET website. The page title is "Shodhganga : a reservoir of Indian theses @ INFLIBNET". The main content area shows a record for a thesis by Muthu Chozha Rajan B. The record includes the following details:

- Title:** Experimental and numerical studies on mechanical and machining characteristics of carbon fibre reinforced aluminium laminates
- Researcher:** Muthu Chozha Rajan B (highlighted with a blue box)
- Guide(s):** Senthil Kumar A
- Keywords:** Engineering and Technology, Engineering, Engineering Mechanical, carbon fibre, aluminium laminates
- University:** Anna University
- Completed Date:** 2020

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

PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)

**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**



**PRINCIPAL  
SETHU INSTITUTE OF TECHNOLOGY  
PULLOOR, KARIAPATTI - 626 115  
VIRUDHUNAGAR (Dt)**