

Name Pandiaraj Subramani

Address Apex Design Center,
6/4, Abirami Nagar, Bharathiyar Road,
Ganapathy, Coimbatore - 641006

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Contact Number +91 9894949506

Date Of Birth 09-04-1968

Education **B.E. Mechanical Engineering**

Completed in 1992 in National Engineering College,
Nalattinuthur – 627716. Affiliated to Madurai Kamaraj University.

M.Tech - Design

Completed in 2007 in Janardan Rai Nagar Rajasthan Vidyapeeth University,
Udaipur, Rajasthan.



Computer Skills

- Experience in using Auto Cad from Release 14
- Experience in using ProE from Release 18
- Experience in using I-DEAS from Release 8
- Experience in using Solidworks from 2008
- Experience in using Microsoft Projects

Technical Skills

- Passionate in Product Design
- Generating Concept Designs based on Specification/Requirements
- Converting the Industrial Design to Manufacturing
- Vast experience in Plastic components design
- Expert in Out of Box ideas, Problem Solving and evolution
- Exposure in various manufacturing process
- Vast Experience in Product certification procedures and equipments

Experience

Apex Design Center, Coimbatore - 641006

- Design and Development center, established in May 2008
- Website - www.eazyhom.com/
- Proprietor

National Engineering College, Kovilpatti - 628503

- Autonomous Institution affiliated to Anna University Chennai, Kovilpatti.
- Website - <http://www.nec.edu.in/>
- Adjunct Professor from August 2016 to October 2019

American Auto Service - R&D , Coimbatore - 641006

- Research and Development center for Roots group
 - Website - www.rootsindia.com/
- From 06-06-2005 to 27-04-2008 as Head – Design & Development

Emerson Design Engineering Center, Pune - 411001

- One of the fortune 500 companies in USA
 - Website - www.emersontoolcompany.com/
- From 23-06-2003 to 27-04-2005, as Team Leader

Roots Multiclean Ltd, Coimbatore - 641006

- Manufacturers of Industrial floor cleaning equipments
 - Website - www.rmclindia.com/
- From 28-12-1992 to 12-06-2003, relieved as Head- Design

Jeya Automotives Private Limited, Coimbatore - 641005

- Manufacturers of Automobile Diesel Engines
- From 15-07-1991 to 29-11-1992, in Production Department

Karthikeya Engineering Works, Coimbatore - 641004

- Manufacturers of Electric Motors and Pumps
- From 04-07-1990 to 06-07-1991, in Production Department

Trainings Attended

- Undergone training in Hako-Werke GmbH, Berlin, Germany
- Undergone training in Emerson Tool Company, St. Louis, USA
- Attended Communicative Supervisors training at Emerson, Pune.
- Certified Internal Quality Auditor for ISO9001 : 2000
- Attended "THE LEADERS" workshop in Coimbatore.
- Attended "Personal Effectiveness Program" in Coimbatore.

Patent Details:

Sl. No.	Patent No.	Description	Applicant	Status
1	US D528,256 S	Portable Wet-Dry Vacuum Cleaner	Emerson Electric Co., USA	Granted
2	3757/CHE/2010	Improved Tender Coconut Punch Cum Splitter	Coconut Development Board, Cochin.	Waiting for Grant
3	3758/CHE/2010	A New Hand Tool To Open Tender Coconut	Coconut Development Board, Cochin.	Waiting for Grant
4	1914/CHE/2012	An Improved Mechanised Sugarcane Bud Chipper	Self	Published
5	4326/CHE/2013	An Improved Plastic Moulded Beehive	Self	Published
6	3250/CHE/2014	Hydraulic Coconut Dehusker And Breaker	Coconut Development Board, Cochin.	Published
7	201641021350	An Improved Hydraulically Operated Single Step Coconut Dehusker	National Engineering College, Kovilpatti.	Published
8	201641024055	Tender Coconut Both Side Taper Trimming	National Engineering College, Kovilpatti	Published
9	201741024655	Coconut Partial Dehusker	National Engineering College, Kovilpatti	Published
10	325622-001	Cord Wrap	National Engineering College, Kovilpatti	Design Patent
11	325623-001	Oil Expeller	National Engineering College, Kovilpatti	Design Patent
12	325624-001	Foot Rest Cum Exerciser	National Engineering College, Kovilpatti	Design Patent
13	325626-001	Palm Leaf Splitter	National Engineering College, Kovilpatti	Design Patent

Cleaning Equipments Developed in Roots Multiclean Ltd



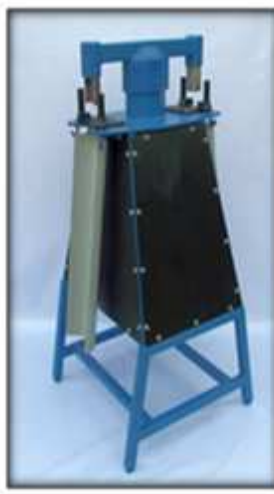
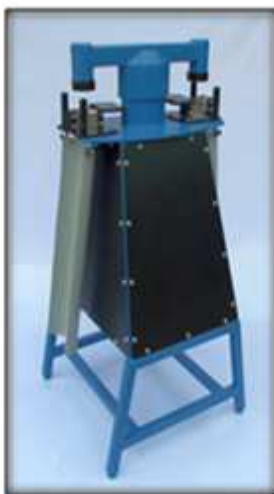
Vacuum Equipments Developed in Emerson Tool Company



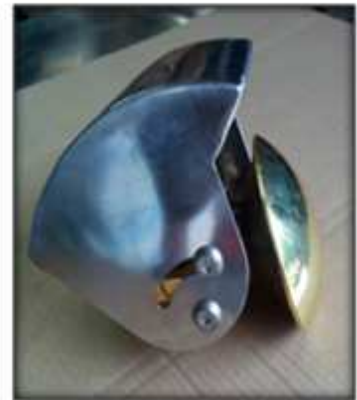
Cleaning Equipments Developed for Roots Multiclean Ltd













Products Developed for eazyhom produkts







Product Testing Equipments Developed for Apex Design Center



Products developed in National Engineering College

Sl. No.	Project Title	Designed and Implemented	
1	Dust Chamber (A product testing equipment to meet the IPX standards.)		
2	Tender Coconut Trimmer (To trim the Tender Coconut in all sides to form conical on both sides)		
3	Coconut Dehusker (To dehusk the matured coconut with crown in small volumes)		
4	Coconut Partial Dehusker (To remove the outer husk of matured coconut for long shelf life)		
5	Sump Pump (To clean the left over water in Sumps, Overhead tanks particularly due to Foot Valve clearance and outlet clearance)		

Products developed in National Engineering College

6	Hydraulic Kitchen Press (To split the matured coconut, to duhusk and for any domestic related pressing applications)		
7	Oil Expeller (To extract the oil from dry seeds in low volumes at home)		
8	Bag Sealing Machine (To seal PP bag with Hot air and pressing)		
9	Cord Wrap With Lock (To wrap the wires of headphone, chargers etc. to avoid messy, tangled knots)		
10	Foot Rest cum Exerciser (Foot rest and pedal movement for angle exercise)		
11	Palm Leaf Splitter (To split Palm Leaves in defined width mainly for making hand crafts and baskets)		