

# ATHEENA MILAGI PANDIAN.S

FOUNDER AND MANAGING DIRECTOR  
ATHEENAPANDIAN PRIVATE LIMITED

CONTACT - 7502599891 AND 7904382306

Email - MD@ATHEENAPANDIAN.COM



## CAREER OBJECTIVE

- Developing and executing the company's business strategies
- Providing strategic advice to the board and chairperson
- Preparing and implementing comprehensive business plans to facilitate achievement.

## WORK EXPERIENCE

### AtheenaPandian Private Limited Sivagiri, Tenkasi

Managing FDirector - from April 2020 to Present

### AtheenaPandian Enterprises Sivagiri, Tenkasi

Chief Executive Officer - from March 2016 to April 2020 - Present

### Agni College of Technology, Chennai

Assistant Professor- Department of Biomedical Engineering from June 2015 – April 2020  
Experience - 4 Years 10 Months

### RVS School of Engineering and Technology, Dindigul

Assistant Professor- Department of Biomedical Engineering from June 2012 - May 2015  
Experience - 3 Years 10 Months

### Dhanalakshmi Srinivasan Engineering College, Perambalur

Lecturer - Department of Biomedical Engineering from June 2008 - May 2010  
Experience - 1 Years 11 Months

Total Years of Teaching Experience - 10 Years

Total Years of Corporate Experience – 5 Yeras

## EDUCATIONAL QUALIFICATION

Master of Engineering in  
Biomedical Engineering

2010 - 2012 (Full Time)

College of Engineering, Guindy Campus,  
Anna University, Chennai , India

Post Graduate Diploma in  
Hospital Management

2012 (Part Time)

Kamaraj University, Madurai, India

Bachelor of Engineering in  
Biomedical Engineering

2004 - 2008 (Full Time)

Adhiyamaan College of Engineering,  
Hosur, India

## PROFESSIONAL BODIES

Life Member in Biomedical Engineering  
Society of India (BMESI)

Life Member in Indian Society of  
Technical Education

## PUBLICATIONS

..Detection of Sleep Apnea Using Pressure Sensor.. has been published in **International Research Journal of Engineering and Technology (IRJET)** Volume 7, Issue 2, February 2020 <https://www.irjet.net/volume7-issue2> S.NO: 674, March 2020.

..Biomaterial Infused Fish Skin For Wound injuries.. in **International Journal of Science and Advance Research Technology (IJSART)** on June 2018 (ISSN 2395-1052) Volume 5, Issue 6. Paper id IJSARTV41624208.

..Virtual Doctor: A Surgical Approach.. **International Advanced Research Journal in Science, Engineering and Technology IARJSET** 2015 Vol. 2, Special Issue 2, December 2017.

..Reliable Transmission Protocol For Gsm And Http Based On Wireless Patient Monitoring.., **International Journal of Advance Engineering and Research Development,(IJEARD)**,Vol. 1 Issue-12, Dec -2016, ISSN No 2348-4470, SJIF- 3.314.

..Detection of Cancer Cells Using Microscopic Images of Blood Sample.. **International Journal of Engineering & Technology** 7 (3.29) (2018) 778-783, Dec - 2015

## PROJECTS

- ◆ Bio signal acquisition and patient monitoring systems
- ◆ Device for monitoring the status of Retinal Pigmentosa
- ◆ Smart Optical lens to provide lateral vision fo Retinitis pigmentosa patients
- ◆ Correlation of Heart rate Variability and Blood Glucose level for Diabetic II patients
- ◆ Wound Skin Replacement using Tilapia Fish
- ◆ Reliable Transmission Protocol For Gsm And Http Based On Wireless Patient Monitoring
- ◆ Oxygen carrying Gel - A New Therapeutic Tool With Great Potential For Diabetic Foot Ulcer
- ◆ Instrumentation Based Human Vital Parameter Foot Display
- ◆ Bluetooth controlled device to treat Dysmenorrhea using TENS technology.
- ◆ Detection of Sleep Apnea using Pressure Sensor

## BOOK PUBLICATIONS

Published 33 books through the Xpress Publishers (Notion Press) some of the most selling books are

1. 8 Job Scopes for the Biomedical Engineers
2. The Secret of Biomedical
3. Biomedical Fresher
4. 10 list's of 5
5. Biomedical Engineering

All my books are available at [amazon.in](https://www.amazon.in), [amazon.com](https://www.amazon.com), [flipkart.in](https://www.flipkart.in) and [snapdeal](https://www.snapdeal.com)

## LEADERSHIP ACTIVITIES

Managing Director of Atheena Pandian Enterprises

Conducting Workshop for the Biomedical Engineering Students, some of the successfull workshops are

1. One Day Demonstrative Workshop on 3D Printing
2. Hands-on Workshop on Embedded Systems
3. Hands-on 3D Printing Workshop on making Orthotic Model using Photogrammetry Technique

# KNOWLEDGE SHARING ACTIVITIES

Published more than 50 Biomedical Related Videos in the YouTube through my YouTube Channel

Published almost 100 biomedical articles through my own website [atheenapandian.com](http://atheenapandian.com)

Conducting Biomedical classes for the NRI students through the Google Classroom, Some of the classes are

1. Basics of Biomedical
2. Bio-mechanics
3. Wearable Tevhnology

Published more than 100 Biomedical related Power points through the LinkedIn Slideshare.com

## PROFESSIONAL ACTIVITIES

Participated 5 International Conferences, 7 National Conferences and awarded best paper award from Apollo Institute, Chennai.

Conducted 3 Faculty Development Programme in RVS School of Engineering and Technology and Agni College of technology.

## ACADEMIC ACHIEVEMENTS AND AWARDS

Received Best Faculty Award 2015, 2016, 2017, 2018 and 2019 from the management of Agni College of technology Chennai.

Received Best Motivator award from Placement cell of ACT Excellent and consistent Academic performance award in 2017.

Time-honored Dr Radha Krishnan Award in 2018 for my Project Excellency from kalam club Chennai..

**Date**

**Place**

## PERSONAL DETAILS

Wife - Mrs A.Sahaya Rooba M.Sc., B.Ed.

Son - Aadhina Vigneshwara Pandiyan.A,

Address

(Native) - Door no 6, South Care Street,  
Sivagiri - 627757, Tirunelveli District,  
Tamilnadu, India

Address

(Current) -Door no 11, First Main Road,  
Sriram Nagar, Madambakkam,  
Chennai- 600126

## REFERENCES

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School of Electrical and Electronics  
Engineering, Nanyang Technological University,  
Singapore.  
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Dr M.Kayalvizhi  
Professor and Head  
Department of Biomedical Engineering, Agni  
College of Technology,  
Chennai. Ph \_9445686406  
bmehod@act.edu.in

## DECLARATION

All the above details are true  
in my knowledge

**Signature**