

# Dr. S.Atheena Milagi Pandian B.E, M.E, PGDHM, LMISTE, LMBMESI, P.hD

**FOUNDER AND CHIEF EXECUTIVE OFFICER**

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**E-mail - ceo@atheenapandian.in**

**EXPERIENCE IN TEACHING**

**Total Years of Experience (Teaching) - 9 Years 10 Months**

**EXPERIENCE IN INDUSTRY**

**Total Experience (Industry) 08 Years to till date**



## MY JOURNEY as a Biomedical Profession

**February 2016**

**Started Online Courses on Various Biomedical Subjects.**

**June 2016**

**Launched the separate channel for Biomedical Engineers through YouTube - (Channel Name - ATHEENAPANDIAN)**

**March 2017**

**Began to publish the Biomedical Book through the International Notion Publishers**

**October 2020**

**Evolved from ATHEENAPANDIAN ENTERPRISES to ATHEENAPANDIAN PRIVATE LIMITED at Courtallam, Tamilnadu,India.**

**August 2021**

**Established our ATHEENAPANDIAN'S second branch at Kattupakkam, Chennai, India.**

**March 2022**

**Inaugurated the fovea-Z Biomedical Association to connect the Biomedical Community across the World.**

**May 2022**

**Inaugurated the EVERY SATURDAY FREE ONLINE WEBINAR (ESFOW) on various advanced Biomedical research and job market relating topics by the domain experts from various Biomedical industries and the institutions.**

**October 2022**

**Conducted the World Level Competition – THE INTERNATIONAL BIO-TECHNICAL FORUM (TIBF'22) - 5369 Biomedical Students, Faculties and experts from various countries like India, Germany, Japan, USA, England, Iran etc., are participated in several events worldwide.**

**February 2023**

**Established our ATHEENAPANDIAN'S third branch at Cheran ma nager, Coimbatore, India.**

## EDUCATIONAL QUALIFICATION

**Doctor of Philosophy (P.hD) in Biomedical Engineering**

**University Kingdom of Tango, South Pacific region, Tonga**

**Master of Engineering (M.E) in Biomedical Engineering**

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

**Post Graduate Diploma in Hospital Management (PGDHM)**

**Kamarajar University, Madurai, India**

**Bachelor of Engineering (B.E) in Biomedical Engineering**

**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

## BOOK PUBLICATIONS

Published 93 Biomedical books through the International Xpress Publishers (Notion Press)

All the books are available at Notion, Flipkart and Amazon stores.

Some of the Books like Human Anatomy and Radiological Equipment are translated in PERSIAN Language and displayed in the Central University library at IRAN

## PROFESSIONAL ACTIVITIES

Participated 18 International Conferences, 7 National Conferences and Provided keynote speech at 14 International Conferences and 6 National Conferences about the Biomedical Science and Technology.

Conducted 10 Faculty Development Programme in Engineering institutions.

Conducted The International Bio-Technical Forum (TIBF'22) for connecting 1874 Biomedical Engineers Globally.

Successfully organized The Worldwide Industry-Institution Development Program in consecutive years since 2021.

## PROJECTS

- Bio signal acquisition and patient monitoring systems
- Device for monitoring the status of Retinal Pigmentosa
- Smart Optical lens to provide lateral vision for 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

## KNOWLEDGE SHARING ACTIVITIES

Published more than 348 Biomedical Related Videos in **YouTube** through my YouTube Channel

Published almost 154 biomedical articles through my own website [atheenapandian.com](http://atheenapandian.com)

Three of my 84 Biomedical Books were translated into the prestigious language 'Persian' (also known by its endonym Farsi, which is a Western Iranian language belonging to the Iranian branch of the Indo-Iranian subdivision of the Indo-European languages)

Published more than 100 Biomedical related Power points through the [Linkedin Slideshare.com](https://www.linkedin.com/slideshare)

## ACHIEVEMENTS AND AWARDS

Received **BEST FACULTY AWARD 2015, 2016, 2017, 2018 and 2019** from the management of Agni College of technology Chennai.

**Time-honored DR RADHA KRISHNAN AWARD in 2018** for my Project Excellency from kalam club Chennai.

Won the '**INDIAN ACHIEVERS AWARD**' 2021 from **INDIAN ACHIVER'S FORUM**, New Delhi, India.

Received the '**STAR GOLDEN AWARD**' 2022 from **SAT Group of Organization**, Telangana, India.

Received the '**EDUCATIONAL ACHIEVERS AWARD**' 2022 from **INTERNATIONAL ANTI-CORRUPTION AND HUMAN RIGHTS COUNCIL (IACHRC)** , Recognized by Government of **INDIA**, Chennai, **INDIA**.

Received **CITY EXCELLENCE AWARD 2023** from **INDIA NEWS INDEX** on 26th June 2023.

Received **INDIA'S LEADING BIOMEDICAL PLATFORM TO WATCH 2023** on 1st July 2023 from **Business connect magazine FANZINEINDIA GROUP**.

Received **NATIONAL'S ACHIEVERS AWARD for Best Managing Director 2023** on 5th July 2023 from **Socially Point**, India.

Received **INDIAN ICON AWARD for BUSINESS LEADER OF THE YEAR** on 16th August 2023 from **Kitskraft Production and GLOBAL CHAMBER OF CONSUMER RIGHTS**.

Received **INDIAN ICON AWARD for FAMES INDIA AWARD** on 3rd March 2024 from **Kitskraft Production and GLOBAL CHAMBER OF CONSUMER RIGHTS** received by honorable Supreme Court Judge Mr Ananga Kumar Patnaik.

As a Director of **ATHEENAPANDIAN PRIVATE LIMITED**, I Signed MoU with 81 Engineering institutions, 15 Multi-speciality Hospitals and 54 Biomedical Industries in all over India in 2020-2024 till now.

## NATIONAL & INTERNATIONAL CERTIFICATIONS

Completed the Professional Certification on '**BIOMETRICS TECHNOLOGY**' from the **European Open University** through the **International Academy of Europe**

Completed the Project Certification on '**VACCINES AND IMMUNE SYSTEMS**' from the **Indian Institute of Science, Bengaluru** through the **International Alison Group, Ireland**

Completed the Skillful Certification on '**HEALTHCARE MANAGEMENT**' from the **National University of Singapore (NUS), Business School** through the **Great Learning Eduaction, Singapore**

## REFERENCES

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## DECLARATION

All the above details  
are true in my  
knowledge

