

## Dr. M. D. Singh

Designation: Associate Professor

Specialization: Biomedical Instrumentation Engineering Embedded Systems

Email: [mdsingh@thapar.edu](mailto:mdsingh@thapar.edu)

### Biography

**Dr. Mandeep Singh (MD Singh)** currently Associate Professor in the Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering & Technology, Patiala. Dr. Singh obtained his Ph.D. in 2014, and has more than 16 years of teaching and industrial experience. His current area of research interest includes Biomedical Instrumentation, Image processing, and Embedded Systems. Dr. Singh filed a patent in 2012.

<b>Phone/Mobile Number</b>	01752393076
<b>Email ID</b>	<a href="mailto:mdsingh@thapar.edu">mdsingh@thapar.edu</a>

Research Projects: 02

S. No.	Project Title	Duration	Amount (Rs)	Funding Agency	Status
1.	Design and Development of multi parameter probe	3 years	4.86 Lac	SASE (DRDO)	Completed
2.	Design and development of Fatigue detection system	2 years	9.8Lac	DIPAS (DRDO)	Completed
3.	Development of wireless embedded system for health monitoring of ambulatory subjects	2 years	9.93Lac	DIPAS (DRDO)	Completed

Membership of Professional Institutions, Associations, Societies:

- Member of IEEE
- MSI

Publications and other Research Outputs

**SCI: 02; Non-SCI: 15**

Awards and Honours

1. Lead the students who won 1st prize in Prestigious Intel Embedded Challenge-2011 in Biomedical and Healthcare theme, won gold medal and a cash prize of Rs 50,000.
2. Mentor the team who won 2nd runner up and cash prize of Rs. 50,000 in Smart India Hackathon-2017 for developing an app for Startup India.