



Dr. B.N. Shobha
Curriculum Vitae
 Utilization of modern techniques for teaching and research with professional skills and respectful attitude.

PRINCIPAL
 B G S Institute of Technology
 Adichunchanagiri University
 BG Nagara 571448

EXPERIENCE: 30 years
FUNDING GRANTS & PROJECTS:

- KSCST FPP grant:FPP/STI/623, 4.19 lakhs | Ongoing
- AICTE IDEA LAB: IDEA202000009
- AICTE MODROB , 7.8 lakhs

PUBLICATION DETAILS:

International Journal: 20
 International conference: 09
 National conference: 28
 SAS Tech Journal: 07

CONTACT DETAILS

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Academic Highlights	
1	Member of Five Professional Bodies
2	Elected Member of Institution of Engineers (India)
3	Established AICTE IDEA Lab
4	Established Ground Station for Satellite Communication
5	Research Grants Received - 11.99 Lakhs
6	International Visits - 03
7	Books Authored - 02
8	Book Chapters - 04
9	International Journals & Conferences - 29
10	National Conferences - 28
11	Academic, Research & Administration Awards - 15
12	Member of Council/Committees/Boards - 20
13	International & National Invited Talks & Lectures - 18

Patent Title	Patent No.	Published Date
An novel method approach of wireless sensor network and delaytolerant network deployment	202041009857A	2020
Method for detection and localization of dental caries using deeplearning techniques	202041038832	2020
Method for lung cancer detection using deep learning techniques	17015232	2020
Content based image retrieval method for ECG reports using dataanalysis	202041038831	2020
Method of Auto-tuning PID controller using evolutionarycomputational techniques	17015220	2020
Artificial intelligence driven astronaut shoe design with efficientvacuum system for convenient planetary exploration on foot	202341004957	2023

Research Expertise and Interest	
Image Processing & Computer Vision	Automotive Electronics
Artificial Intelligence	Protocols & Networks
Real-time Operating Systems	Bio Sensors