DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT
(Affiliated to Visvesvaraya Technological University,Belagavi & Approved by AICTE,New Delhi)
Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
Accredited 3 years by NBA, New Delhi (Validity : 26-07-2018 to 30-06-2021)

Faculty Name	BABU KUMAR S
Designation	ASSISTANT PROFESSOR
Educational Qualification	M.TECH
Experience in Years	5.4
Area of Interest	IMAGE PROCESSSING
Email ID	babukumar.sbk@gmail.com

Educational Details

- Ph.D
- M.Tech-COMPUTER NETWORK ENGG, DSCE, VTU-2013
- B.E-INFORMATION SCIENCE , DR AIT, VTU-2010

Personal Details

- Date of Birth:14-11-1988
- Habbies: Gardening, Crafting
- Languages Known: English, Kannada, Hindi, Tamil, Telugu

ProfessionalExperience

- Worked as Assistant Professor in Dept of CSE at Malnad College of Engineering, Hassan from 05-02-2014 to 27-07-2016

Publications

International Journals:

1. *"An Insight into Plant Disease Detection Using Image Processing-A Review"*, in International Journal of Engineering Research in Computer Science and Engineering **(IJERCSE)**, ISSN(Online) 2394-2320 Volume 4, Issue 4, April 2018

2. *"Pedestrian, Lane and Obstacle Detection In Intelligent Transport System."* in International Journal of Contemporary Research in Computer Science and Technology (IJCRCST) e-ISSN: 2395-5325 Volume3, Issue5 (May-2017)

Conferences:

1. *" Machine Learning Approaches for Data Analytics and Modeling"*, in 5th International Conference on Applied Science, Engineering and Technology(ICASET-18), at Sri Sairam College of Engineering, Bangalore on 17th and 18th May-2018

2. *"Energy Conservation Using Smart Street Lighting System"*, 4th National Conference on Convergence of Science, Technology and management (*NCCSM-2017) at*Dayananda

Sagar Academy of Technology and management, Bangalore on 3rd May 2018

3. ***Iot – Based Dynamic Street Light And Traffic Light Control For Smart Cities, NCCSM-2017 at*** Dayanada Sagar Academy of Technology and management, Bangalore on 19th may 2017.

4. ***Map-Reduce Framework in Feedback Analysis Using Big Data Tools NCCSM-2017 at*** Dayanada Sagar Academy of Technology and management, Bangalore on 19th may 2017.

5. ***Traffic Jam Detection Using Image Processing*** at **International Conference on Innovations in Computer Science & Engineering,ICICS-2014** at Guru Nanak Institute of Technology, Hyderabad on August 8thand 9th2014.

6. ***Implementation of Image Segmentation for Natural Image*** at **International Conference on Innovations in Computer Science & Engineering,ICICS-2014** at Guru Nanak Institute of Technology, Hyderabad on August 8thand 9th2014.

7. ***Automatic Image Mosaicing Based on Fast FourierTransform*** at**National Conference on Recent Advances in Science, Engineering and Technology, NCRASET-14** at Sri Venkateshwara College of Engineering, Bangalore on23nd May 2014.

Academic Activity

- Workshop Coordinator for events conducted by REVENGG PVT LMT in DSATM
- Conference coordinator NCCSM-2017 at Dayanada Sagar Academy of Technology and management, Bangalore on 19th may 2017
- Workshop coordinator in One-week Faculty Development Programme on "Storage Area Networks and Data Management" under TEQIP-II from December 22-26, 2014 by Department of CSE, MCE, Hassan.

Faculty Development Activity

1. **Three Days Faculty development Program** on**"Out Come Based Education"** from 18th to 20th June, 2018 at Dayananda Sagar Academy of Technology and management, Bangalore.

2. **Five Days Workshop** on**"LABVIEW"** by NATIONALINSTUMENTS from 8th to 13th June, 2018 at Dayananda Sagar Academy of Technology and management, Bangalore.

3. **Two Days Learning Symposium Workshop** on**"Deep Learning and Devops"** on 12th and 13th Feb, 2018 at Accenture, Bangalore.

4. **Five Days Faculty development Program** on**"Data Science Using Python"** from 08th to 12th Jan, 2018 at Dayananda Sagar Academy of Technology and management, Bangalore.

5. **Three Days Workshop** on **"NBA"** from 11th to 13th Dec, 2017 at Dayananda Sagar Academy of Technology and management, Bangalore.

6. **One-week** Training Programme on **"Pedagogy-Feel Teacher"** under TEQIP-II from 06th to 11th June, 2016 by CLHRD at Malnad College of Engineering, Hassan.

7. **Three-day** Training Programme on "**Big Data Analytics and Cloud Computing**"under **TEQIP-II** from 28th to 30th January, 2016 by Department of Computer Science and Engineering, MCE, Hassan.

8. **Two-week** Faculty Development Programme on "**Formulation, Modeling & Practical Applications of Operations Research**" under **AICTE** from May $25^{th}$to 06^{th}June,2015 by Department of Mechanical Engineering, MCE, Hassan.

9. **Two-week** ISTE Workshop on "**Pedagogy for Effective use of ICT in Engineering Education**" under National Mission on Education through ICT (MHRD) fromJanuary 5th, 2015 to January 31st, 2015 held at BMSCE, Bangalore by IIT, Bombay.

10. **One-week** Faculty Development Programme on "**Storage Area Networks and Data Management**" under TEQIP-II from December 22-26, 2014 by Department of CSE,MCE, Hassan.

11. **Three-day** Faculty Development Programme on "**Pedagogical Training Program for Faculty Members**" under TEQIP-II from December 15-17, 2014 by Department of EEE,MCE, Hassan.

12. **Two-week** ISTE Workshop on "**Cyber Security**" under National Mission on Educationthrough ICT (MHRD) from July 10th to 20th, 2014 held at NMIT, Bangalore by IIT, Bombay.

13. **Two-week** ISTE Workshop on "**Computer Programming**" under National Mission onEducation through ICT (MHRD) from May 20th to June 21st, 2014 held at NMIT, Bangalore by IIT, Bombay.

14. **One day** Training Programme on "**SAR Preparation for e-NBA**" under TEQIP-II onMay 28th, 2014 held at MCE, Hassan.

Administrative Activity

- Worked as Admission Supervisorat Malnad College of Engineering during 2014, 2015 and 2016

Professional Membership

- Life Time member of "The Indian Society for Technical Education(**ISTE**)- Membership Id-LM118346
- Member in International Association of Engineers **(IAENG),** Membership Id-215514

- Fellow Member of Universal Association of Computer and Electronics Engineers(**the IRED**), Membership Id-SM10100059500
- Member of the Computer Science Teachers Association-Membership Id: 54512582

Contact Details

Assistant Professor, Department of Information Science and Engineering
Dayananda Sagar Academy of Technology & Management
Udayapura, Kanakapura Road
Bengaluru-560082
Mail ID: babukumar.sbk@gmail.com
Phone No.:9164595460

My Vision

To work, learn and upgrade myself in a challenging environment with strong dedication, responsibility, good work ethic in order to build a literate mass and groom them to higher standards.