

**Dr. PRADEEP N**  
Professor  
CS and E  
BIET  
Davangere.

**Address:**

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## **Objective**

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To pursue a versatile and goal-oriented career in my specialized areas using the skills acquired and passions for the development of the organization and grow myself along with the organization.

## **Research Interests**

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- Machine Learning
- Artificial Intelligence
- Medical Image Analysis
- Pattern Recognition
- Knowledge Discovery
- Cloud Computing and NLP

## **Academic Profile**

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### **Ph.D.**

**2007-2014**

Doctor of Philosophy (Ph.D.), in Computer Science and Engineering from Visvesvaraya Technological University, Belagavi.

- **Thesis Title:** "Analysis and Classification of Breast Tumors using Support Vector Machines"
- **Research Supervisor:** Prof. Dr. K Karibasappa, Professor, Electronics and Communication Engineering, Dayananda Sagar Academy of Technology and Management, Bengaluru, Karnataka, India.

### **Post Graduation**

**2000-2002**

- Master of Technology (M.Tech.) in Computer Engineering from SJCE, Mysuru, affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, India.

## **Under Graduation**

**1995-1999**

- Bachelor of Engineering (B.E.) in Electronics and Communication Engineering from Bapuji Institute of Engineering, Davanagere, affiliated to Kuvempu University, Shivamogga, Karnataka, India

## **Teaching Experience**

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### **Professor**

Department of Computer Science and Engineering, Bapuji Institute of Engineering, Davanagere from May 1 2021 to till date

### **Associate Professor**

Department of Computer Science and Engineering, Bapuji Institute of Engineering, Davanagere from December 1 2014 to April 30 2021

### **Assistant Professor**

Department of Computer Science and Engineering, Bapuji Institute of Engineering, Davanagere from January 1 2012 to November 31 2014.

### **Sr Lecturer**

Department of Computer Science and Engineering, Bapuji Institute of Engineering, Davanagere from September 1 2008 to December 31 2011.

### **Lecturer**

Department of Computer Science and Engineering, Bapuji Institute of Engineering, Davanagere from September 3 2003 to August 31 2008.

## **Professional Memberships**

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- Senior Member of Institute of Electrical and Electronics Engineers (SMIEEE) [95637781]
- Member of Association for Computing Machinery (MACM) [7741839]
- Member of Institute of Engineers (MIE) [1681596]
- Member of Indian Society for Technical Education (MISTE) [LM43284]
- Member of International Association of Engineers (MIAENG) [280382]

## **Honors**

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Hon. D.Eng (Honorary Doctrine Engineering) (Honoris Causa), Iranian Neuroscience Society FARS chapter and Dana Brain Health Institute, Shiraz, Iran, Cert No. 0362021HonRINSS dated June 3<sup>rd</sup> 2021

## **International Recognition**

Appointed as Senior Member, Iranian Neuroscience Society-FARS Chapter (SM-FINSS) for the duration of TWO years (March 1st 2021 to March 2nd 2023), SM-FINSS No.: 20301SMFINSS

## **Responsibilities @BIET**

- Department (Program) NBA Coordinator and Institute Level Core Committee Member
- Institute Coordinator for AICTE 360-degree Feedback
- Dean Alumni Association (2019-2021)
- Coordinator for New Generation Innovation and Entrepreneurship Development Centre (NewGen IEDC), Sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department Science and Technology, Government of India.
- Placement Officer [Till 2020]
- Student Mentor for higher semester students

## **Subjects taught at UG and PG Levels**

### **For B.E.**

User Interface Design, Programming the Web, Object Oriented Programming with C++., Unix and Shell Programming, Storage Area Networks, Operating Systems, System Simulation and Modelling, Computer Networks, Computer Professional and Philosophical Ethics, Software Engineering, Object Oriented Analysis and Design, Multimedia Communications, Database Management Systems, JAVA

### **For M.Tech.**

Cyber Security and Cyber Law, Research Methodology, OOAD and Design Patterns, Topics in Multimedia Communications, Protocol Engineering, Advances in Storage Area Networks, Information and Network Security, Pattern Recognition, Cloud Computing.

## **Project Guidance and Research Guidance**

1. **For B.E.:**54 batches
2. **For M.Tech.:** 28 students
3. **Research:** Supervisor for 2 PhD students on the area of Medical Image Analysis and Knowledge Discovery from Clinical Data

#### 4. Doctoral Committee Member:

- Doctoral Committee Member for the research scholars registered in CS and E Research Center, BIET, Davangere.
- Doctoral Committee Member for the research scholars registered in IS and E Research Center, SJBIT, Bengaluru.
- Doctoral Committee Member for the research scholar registered in Department of MCA, MAHE, Manipal.

### **Patents and Copyrights**

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#### **Patents:**

[1] **Indian Patent:** Filed an Indian Patent on 26/07/2019 and its title is "**System of Smart Multi - Functional Traffic Light Using Organic Solar Cell**", Patent Application Number is 201911030347 and the application is published on 09/08/2019.

[2] **International Patent Grant:** Filed an Australian patent on 07/10/2020 and is granted 11/11/2020 and its title is "**The Severity Level and Early Prediction of COVID-19 using CEDCNN Classifier**", Patent Number: 2020102631.

#### **Copyrights**

##### **Copyright Registered**

[1] **ROC:** L-106149/2021

**Old Dairy No.:**12965/2021-CO/L

**Title of the work:** "REF-CITE-AUTHENTICATOR: A METHODOLOGY TO VERIFY RELEVANCE OF THE REFERENCES IN RESEARCH PUBLICATIONS: A STEP TO CURB FAKE CITATIONS"

**Class of Work:** Literary/ Dramatic

**Date of Submission:**13/06/2021

##### **Applied:**

[1] **Dairy No.:** 19945/2021-CO/L

**Date of Filing:** 19/08/2021

**Title of the work to be Copyrighted :** "Human Age and Gender Identification system using MSVM and LIBSVM based on Wrist, Teeth and Femur X-ray images."

[2] **Dairy No.:** 20379/2021-CO/L

**Date of Filing:** 24/08/2021

**Title of the work to be Copyrighted:** "Plant Identification based on heterogeneous features of leaf using Multiclass Support Vector Machines."

[3] **Dairy No.:** 20710/2021-CO/L

**Date of Filing:** 29/08/2021

**Title of the work to be Copyrighted:** "Framework for Classification of Tumors using Ensemble Machine Learning and Deep Learning approaches."

[4] **Dairy No.:** 21027/2021-CO/L

**Date of Filing:**02/09/2021

**Title of the work to be Copyrighted:** "Integration of Cloud Services, Natural Language Processing and Machine Learning Techniques for Knowledge Discovery from Clinical Text."

[5] **Dairy No.:** 21447/2021-CO/L

**Date of Filing:** 07/09/2021

**Title of the work to be Copyrighted:** "Oral Lesions Classification using Ensemble Learning and Deep Learning Techniques."

[6] **Dairy No.:** 21502/2021-CO/L

**Date of Filing:** 07/09/2021

**Title of the work to be Copyrighted:** "Plant Leaf Disease Diagnosis, Classification, and Enhancement for Discovery Accurate Shading through Colour Model."

## **Journal and Conference Publications**

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### **International Journal Publications**

1. Santosh K C and **Pradeep N**, "*Novel Approach to Determine Age and Gender from Wrist X-ray images*", Turkish Journal of Computer and Mathematics Education, Vol. 12 No.3, 2021, pp 5215-5229, e-ISSN 1309-4653, DOI: <https://doi.org/10.17762/turcomat.v12i3.2151> [Scopus Indexed]

2. **Pradeep N** and Sowmya M S, "*Recognition of Fruit and Grading automatically using Machine Learning*", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429, Vol. 8, Issue VIII, August 2020, pp 931-939, <https://doi.org/10.22214/ijraset.2020.31003>

3. Mohan Kumar K N, S. Sampath, Mohammed Imran, and **Pradeep. N**, "*Prediction of Diagnostic Codes of Chronic Condition for Preventive Care*", International Journal of Advanced Science and Technology, ISSN: 20054238 IJAST, Vol. 29, No. 03, (2019), pp. 6454 - 6463 [**Scopus Indexed, SCI Indexed**]
4. Swetha V Patil and **Pradeep N**, "*Speech Translation System for Language Barrier Reduction*", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Vol. 06, Issue 08, pp 107-112, Aug 2019.
5. Apoorva T and **Pradeep N**, "*Aspect Based Sentiment Analysis with Text Compression*", International Journal of Computer Sciences and Engineering, ISSN 2347-2693 (E) Vol.5, Issue.8, pp.63-66, 2017, DOI: 10.26438/ijcse/v5i8.6366
6. Bhavana Shastry M and **Pradeep N**, "*Comparison of Structure Based Models for Handwritten English Character Recognition*", International Journal of Computer Sciences and Engineering, ISSN 2347-2693 (E) Vol.5, Issue.8, pp.126-130, 2017., DOI: 10.26438/ijcse/v5i8.126130 (UGC approved)
7. Vidyashree H S and **Pradeep N**, "*Identification of Teeth, Wrist and Femur Bone Features for Age and Gender Identification*," International Journal of Computer Science Engineering (IJCSE), ISSN: 2319-7323, Vol. 6 No.01, pp. 29-41, Jan 2017,
8. **Pradeep N**, Girisha H and K Karibasappa, "*Segmentation and Feature Extraction of Tumors from Digital Mammograms*", Computer Engineering and Intelligent Systems, IISTE, ISSN: 2222-1719(Paper) ISSN: 2222-2863(Online), Vol.3, No.4, pp.37-46, 2012.
9. **Pradeep N**, Girisha H, Sreepathi B and K. Karibasappa, "***Feature Extraction of Mammograms***", International Journal of Bioinformatics Research, ISSN: 0975- 9115, EISSN: 0975-9115, Vol. 4, Issue 1, pp.241-244, 2012.

### [International Conferences](#)

1. Naveen S Pagad and **Pradeep N**, "***Clinical Named Entity Recognition Methods: An Overview***", International Conference on Innovative Computing and Communication, February 20-21, 2021, Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, In Association with University of Valladolid Spain and National Institute of Technology, Patna.
2. Mohan Kumar K N, S Sampath, Mohammed Imran, and **Pradeep N**, "***Clustering Diagnostic Codes: Exploratory Machine Learning Approach for Preventive Care of***

**Chronic Diseases**", 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020), January 4 - 5, 2020, National Institute of Technology Karnataka, Surathkal, India.

3. Santosh K C and **Pradeep N**, "**Development of Human Age and Gender Identification system from Teeth, Wrist and Femur Images**", In the Proceedings of Sustainable Computing in Science, Technology and Management (SUSCOM-2019), Amity University, Jaipur, pp. 640-644, 2019.

4. **Pradeep N** and Sandeep B, "**Machine Learning Approach for the Identification of Diabetes Retinopathy and its Stages**", In the Proceedings of 2015 IEEE International Conference on Applied and Theoretical Computing and Communication Technology (ICATCCT 2015), IEEE Part Number: CFP15D66-USB, ISBN: 978-1-4673-9222-8, pp.653 – 658, DOI: 10.1109/ICATCCT.2015.7456906.

5. **Pradeep N** and Madhumathi V J, "**Plant Identification System Using its Leaf Features**", In the Proceedings of 2015 IEEE International Conference on Applied and Theoretical Computing and Communication Technology (ICATCCT2015), IEEE Part Number: CFP15D66-USB, ISBN: 978-1-4673-9222-8, pp. 338–343, DOI: 10.1109/ICATCCT.2015.7456906.

6. Manjunath P Shirageri and **Pradeep N**, "**Secure Message Communication for Battlefield Soldiers Using Android**", International Conference on Computer Science and Information Technology (ICCSIT), Tirupati, India, June 10 2012.

7. **Pradeep N** and K Karibasappa, "**Comparative Study of tumor classification in Mammography images using ANN and SVM**", International Symposium on Global Trends in Biomedical Informatics Research, Education, and commercialization, Chennai, January 11-12 2008.

8. **Pradeep N**, K Karibasappa, Shankaragouda B and V Ramaswamy "**An Artificial Neural Network Approach for Mammography images Feature Extraction**" In the Proceedings of International Conference on Cognition and Recognition, PES college of Engineering, Mandya, December 22 2005.

## National Conferences

1. **Pradeep N**, Vinayaka, Vishal K P and Spurthi U Devaki, "**IoT based Smart Home Security**", 13th National Conference on Recent Trends in Computer Science and Engineering, SJBIT, Bengaluru, May 2018.
2. Manjunath P Shirageri and **Pradeep N**, "**An Extensible framework for efficient secure SMS transfer over android platform**", National conference on Innovation in Computers Information & Communication, Sasurie college of Engineering, Vijayamangalam, Tirupur, India, March 17 2012.
3. Manjunath P Shirageri and **Pradeep N**, "**Secure Message Communication for Battlefield Soldiers Using Android**", National Conference on Current Trends in Computer Science and Engineering, Jain University, Bangalore, May 26 2012.
4. Manjunath P Shirageri and **Pradeep N**, "**Current Attacks in Android: A Survey**", National Conference on Emerging and Innovative Trends in Computer Science Vasavi College of Engineering, Ibrahimbagh, Hyderabad, May 1-2 2012.
5. Manjunath P Shirageri and **Pradeep N**, "**Location Based Services for Battlefield Soldiers Using Android**", National Conference on Current Trends & Challenges in Information Technology, Sambhram Institute of Technology, Bangalore, May 11 2012.
6. **Pradeep N** and K Karibasappa "**Computer Aided Diagnosis of Solid Breast Nodules using Artificial Neural Network Approach and Expert System**", 3rd National Conference on Mathematical and Computational Models (NCMCM 2005), Kaveraipeitai, Tamilnadu, December 15-16 2005.
7. **Pradeep N** and K Karibasappa "**An ANN approach for the detection of Solid Breast Nodules**", 2nd National Conference on DBMS and Networking, Erode Sengunthar Engineering College, Thudupathi, TamilNadu, September 8-9 2005.
8. **Pradeep N** and K Karibasappa "**An ANN approach for the detection of Solid Breast Nodules**", National Level Conference on Recent Trends in Information Technology, Sir M. Visvesvaraya Institute of Technology. August 2-3 2005.
9. **Pradeep N** and K Karibasappa "**Computer-Aided Diagnosis of Solid Breast Nodules using an Artificial Neural Network Approach and Expert System**", National Conference High Performance Computing and Communications, R.M.K Engineering College, Kavaraipeitai, Tamilnadu, September 15-16 2005.



## Guest Editor in Special Issue

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1. Dr. Alessandro Bruno, **Dr. Pradeep N**, Dr. Mangesh M. Ghonge, Dr. Mohamed Elhoseny, Dr. Faraz Janan and Dr. Gagandeep Jagdev, "Advances in IoMT, Deep Learning and Computer Vision for Mammographic Image Analysis", Journal of Imaging, an Open Access Journal by MDPI [Indexing: PubMed, ESCI]

## Edited Books and Book Chapters

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### Published

1. **N. Pradeep**, Sandeep Kautish, C.R. Nirmala, Vishal Goyal and Sonia Abdellatif, "*Modern Techniques for Agricultural Disease Management and Crop Yield Prediction*", 2019, IGI Publishers, USA. LCCN:2019005482|ISBN 9781522596325 (hardcover)|ISBN 9781522596332 (softcover)|ISBN 9781522596349 (ebook), DOI:10.4018/978-1-5225-9632-5 [**Scopus Indexed**], Available at: <https://www.igi-global.com/book/modern-techniques-agricultural-disease-management/222503>
2. **Pradeep N**, Sandeep Kautish and Sheng Lung Peng, "*Demystifying Big Data, Machine Learning and Deep Learning for Healthcare Analytics*", Elsevier Publishers, DOI: 10.1016/C2019-0-03651-5, Paperback ISBN: 9780128216330, eBook ISBN: 9780128220443, Published on 10th June 2021, Available at: <https://www.elsevier.com/books/demystifying-big-data-machine-learning-and-deep-learning-for-healthcare-analytics/n/978-0-12-821633-0>

### In Production

1. Roshani Raut, Pranav Pathak, Sandeep Kautish and **Pradeep N**, "*Intelligent Systems for Rehabilitation Engineering*", to be published by Wiley-Scrivener Publishers, ISBN -13: 9781119785668, ISBN-10: 1119785669

### In Progress

1. Mangesh M Ghonge, Pradeep N, Amar Das, Yulei Wu and Om Pal "*Unleashing the potentials of Blockchain Technologies in Healthcare Industries*", to be published by Elsevier Publishers.
2. Mangesh M Ghonge, **Pradeep N** and Ahmed J Obaid, "*Understanding Pattern Analysis*", to be published by Nova Science Publishers, New York, USA.

3. Sandeep Kautish, Prasenjit Chatterjee, Dragan Pamucar, **Pradeep N**, and Deepmala Singh, "*Computational Intelligence for Modern Business Systems - Emerging Applications and Strategies*", to be published by Springer Nature Singapore.
4. Manoj Kumar M V, B. Annappa, **N. Pradeep**, Sandeep Kautish and Vijayakumar Varadarajan, "*Advances in Data Science Driven Technologies*" (Vol. title: *Computer Assistive Technologies for Physically and Cognitively Challenged Users*), to be published by Bentham Science Publishers.
5. Vinod Kumar Shukla, P.M. Kulkarni, Deepika Gaur, and **Pradeep N.**, Jean Paolo G. Lacap and Amina Omrane, "*Industry 4.0 and People Analytics: A technical perspective of HRM*"
6. **Pradeep N** and Sandeep Kautish, "*Leveraging AI Technologies for Preventing and Detecting Sudden Cardiac Arrest and Death*", to be published by IGI Publishers, USA.
7. **Pradeep N** and Mangesh Manikrao Ghonge, "*Blockchain Technologies and Applications for Digital Governance*", to be published by IGI Publishers, USA.
8. S B Goyal, **Pradeep N**, Piyush Kumar Shukla, Mangesh M Ghonge and Renjith V Ravi, "*Utilizing Blockchain Technologies in Manufacturing and Logistics Management*", to be published by IGI Publishers, USA.
9. Yousaf Bin Zikria, Vinod Kumar Shukla, **Pradeep N**, Manoj Kumar M V, Harry Haoxiang Wang and Ali Kashif Bashir, "*Industry 5.0: A New Revolution Through Human-Centric Solution*", to be published by De Gruyter Publishers, Germany.

### Book Chapters

1. Rajesh T M, Kavyashree Dalawai and **Pradeep N** "*Automatic Data Acquisition and Spot Disease Identification System in Plants Pathology Domain: Agricultural Intelligence System in Plant Pathology Domain.*", Modern Techniques for Agricultural Disease Management and Crop Yield Prediction, edited by N. Pradeep, et al., IGI Global, 2020, pp. 111-141. DOI:10.4018/978-1-5225-9632-5.ch006
2. Santosh K.C. and **Pradeep N.**, "*Knowledge Discovery (Feature Identification) from Teeth, Wrist and Femur Images to Determine Human Age and Gender*". In: Jain V., Chatterjee J. (eds), Machine Learning with Healthcare Perspective, Learning and Analytics in Intelligent Systems, vol 13., 2020, Springer, Cham. DOI:10.1007/978-3-030-40850-3\_7
3. Manoj Kumar M V, **Pradeep N** and Sanjay H A, "*Predictive Analysis and Modelling in Healthcare Systems*", Demystifying Big Data, Machine Learning and Deep Learning for

Healthcare Analytics”, Edited by Pradeep N, Sandeep Kautish and Sheng Lung , Peng Elsevier Publishers.

4. G. Madhu, B Lalith, B Rohit, K Sai Vardhan, Sandeep Kautish and **Pradeep N**, “*Convolutional Siamese Networks for One-Shot Malaria Parasites Recognition in Microscopic Images*”, Demystifying Big Data, Machine Learning and Deep Learning for Healthcare Analytics”, Editors Pradeep N, Sandeep Kautish and Sheng Lung Peng , Elsevier Publishers.

5. Roopa G M, **Pradeep N** and Arun Kumar G H, “*AGRO-CHAIN: Blockchain Powered Micro-Financial Assistance for Farmers*”, Blockchain Based Security Solutions for Big Data and IoT Applications, Editors Dr. Arun Solanki, Dr. Loveleen Gaur and Dr. Vishal Jain, to be published by Apple Academic Press. [In Press]

6. Roopa G M, Shryavani K, **Pradeep N** and Vicente Garcia Diaz, “*Perception of Artificial Intelligence for Translational Research: Future of Healthcare*”, Advanced Artificial Intelligence Techniques and its Applications in Bioinformatics, Editors Dr Loveleen Gaur, Dr Arun Solanki, Dr Samuel Fosso Wamba and Dr Noor Zaman Jhanjhi, to be published by Taylor and Francis, CRC Press. [In Press]

### **Certifications**

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1. Completed certified course on “Digital Teaching Techniques”, ICT Academy, India, 26-12-2020, Verification No.: DTT-7672.
2. Online Faculty Enablement Program on “*Python Programming*” through INFYTQ platform from 06-07-2020 to 13-07-2020 conducted by Infosys Limited and awarded with A+ Grade.
3. Passed NPTEL Online Certificate Course on “NBA Accreditation and Teaching - Learning in Engineering (NATE) (January-April 2020) (12 Weeks)” with score 66%.
4. “*Mission10X Certification*” Course have been successfully completed and approved by Mission10X group from Wipro Technologies Pvt. Ltd., Bangalore.

### **Seminars/Workshops/Events Organized**

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1. As a part of CSR Initiative from CSS Corp, organised training program for 50 students for 110 hrs on “*Technology & Soft skills - Hardware & Networking*”, in association with ICT academy.
2. Joint Organizing Chair for 2015-IEEE technical sponsored International Conference on “*Applied and Theoretical Computing and Communication Technology*” from 29th

October 2015 to 31st October 2015 at Bapuji Institute of Engineering and Technology, Davanagere.

### **FDP/Seminars/Workshops Attended**

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1. One Week Online Indo-German SPARC Symposium cum Workshop on "Recent Advances in Machine Translation (RAMT-2021)", 15-03-2021 to 19-03-2021 organized by National Institute of Technology Silchar, Assam,
2. Five days ATAL Online FDP on "Leadership and Excellence" from 07-09-2020 to 11-09-2020 organized by Indian Institute of Technology, Hyderabad
3. Five days Faculty Development Program on "Data Science and Big Data Analytics", conducted by ICT Academy on 21-01-2020 to 25-01-2020 at Bapuji Institute of Engineering and Technology, Davangere.
4. VTU TEQIP 1.3 Sponsored 5 days Faculty Development Programme on "Implementation of Outcome Based Education in Higher Educational Institutions", organized by SIT, Tumkuru, from 8th July to 12th July 2019.
5. Five days Faculty Development Programme on "Soft Computing Approaches to Image Processing and Pattern Recognition" conducted by CS & E dept., Basaveshwar Engineering College (Autonomous), Bagalkot from March 20th to 24th March 2010.
6. Five Days workshop on "High Impact Teaching Skills" conducted by Wipro Technologies Pvt. Ltd. conducted in BIET, Davangere from Feb 2nd to Feb 8th 2010.
7. Two days workshop on "Research Methodologies" conducted by VTU at MSRIT, Bangalore during May 2009.
8. QIP –Short Term Faculty Development program on "Ubiquitous Computing" conducted by IISC in Bangalore during 2005. Attended a short-term course on "Constitution of India and Philosophical Ethics" conducted by BIET, Davangere, during 2005.
9. Short-term course on "Quality of Service on Internet" conducted by BIET, Davangere, during 2005.
10. Short-term course on "Unleash the Full Potential of Power Linux" conducted by BIET, Davangere, during 2004.
11. One day workshop to finalize the VTU syllabus for B.E. (CSE/ISE) branches during 2004, held at KLE's Gogte Institute of Technology., Belagavi.

## **Extra/Co-Curricular Activities**

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1. Reviewer for reputed International Journals and edited books.
2. Session Chair in various International Conferences.
3. Technical Committee Member in evaluating ICT Projects, Davangere Smart City, Davangere.
4. Active participation in organizing and hosting the department forum activities
5. SPoC for Smart India Hackathon 2017, 2018, 2019 and 2020

## **Research Plan**

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Research Plan for the next FIVE years

- To work on "*Design and Development of framework using Deep Learning Models for the identification and classification of different tumors in humans*".
- To publish more journal articles in SCI indexed Q1/Q2/Q3 Journal.
- To get appointment as Adjunct Professor in International Universities.
- To get research grants from funding agencies like AICTE/DST/VGST/ICMR and other funding agencies.
- To supervise more research students at the university levels and Co-supervise at Postdoc level in foreign Universities.

Dr Pradeep N

Professor

CS and E department