

Resume

Name: **Dr. Sanjay Pande M.B.^{FIE}**

Address:

Official: **Professor,**

Department of Computer Science & Engineering.

G M Institute of Technology, Davangere

University: Visvesvaraya Technological University

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Father : M.B. Bhagavan Pande

Mother : M. Sharadha B. Pande

Martial Status : *Married*

Family: Wife : Rajarajeshwari Pande

Kids: a) Dr. Rakesh Pande MS, b) RoopeshPande MS

A. Educational Qualification:

<u>Degree</u>	<u>Subject</u>	<u>University/ Board</u>	<u>Year of Award</u>	<u>Title</u>	<u>Institution / Department</u>
MBA	HR	KSOU, Mysore	2011		Dept. of M B A
Ph.D.	Computer Science	University of Mysore, Mysore.	2005.	An algorithmic model for exploratory analysis of trace elements in cognition and recognition of neurological disorders.	<ul style="list-style-type: none"> • Department of Biochemistry & Nutrition, CFTRI, Mysore • Department of Studies in Computer Science, UOM, Mysore
M..Tech	Bio-Medical Instrumentation	University of Mysore, Mysore.	1999.	Analysis of CSF in Control and Alzheimer's Patients with ICP-AES.	Sri Jayachamarajendra College of Engg. Mysore.
B.E.	Computer Science &Engg.	University of Mysore, Mysore.	1996.		Sri Jayachamarajendra College of Engg. Mysore.
Diploma	Computer Science &Engg.	Board of Technical Examinations, Bangalore.	1989.		Nadgir Polytechnic, Bangalore.

PhD Guides :

1. ***Dr. P. Nagabhushan , Professor & Chairman , Department of Studies in Computer Science Manasagangothri, Uni. Of Mysore, Mysore.***
2. ***Dr. K.S. Jagannatha Rao, Scientist, Bio-chemistry & Nutrition, CFTRI, Mysore.***
3. ***Dr. T.S. Satyanarayana Rao, Professor & Head, Dept. of Psychiatry JSS Medical College and Hospital, Mysore***

A Brief Write Up of PhD Work

Designing a specific classifier, which addresses the Matching problem. With an unknown sample was to be contrasted with the Cognition base built-up with samples of apriori knowledge belonging to the reference set. Which was formulation of a distance measures. Upon obtaining a Match of the sample with the cognition tool it was said to be classified as a sample belonging to or not which is mainly strength of affiliation to Cognition. Base.

As we all know a medical professional has to accurately diagnose an individual as a healthy Class or not, which decides the course of the treatment. In this research, Assessment of progression of neurological disorders – Parkinson's and Alzheimer's, was performed by analyzing the bio-chemical-pathological diagnostic tests. Anyhow the outcome of the work was kept quite generic, and the new models were related to fraternity of PR Technologies.

A new distance measure based on mean (μ) and variance (σ^2) computations to obtain Doyle's distance were adopted. In the next stage, amore comprehensive Cognition base was employed with feature wise distribution pattern of healthy samples by decomposing it into several zones and assigning Suitable weightage factors to it. In the next process, we formulated a method to assess the degree of similarity of the sample with the cognition base, in terms symbolic parameters. Further, to compute the distance between two generic objects we employed histogram parameters, which solved the matching problem and also the requirement of any general classification and cluster analysis problem.

For the perspective of computing, the adoptability of the methodology was technically confirmed with Iris dataset And entire work was around (i) Data analysis to model the input features, (ii) Application of Symbolic Data Analysis techniques and (iii) Feature reduction (Dimensionality reduction) strategies for exploratory mining (iv) Derivation of suitable distance measures to accomplish clear discrimination between different class which should further be able to quantify the degree based on opinion of medical expert.

B. Memberships:

Fellow Institute of Engineers,

F-1212415

Member of Computer Society of India, India

Member of Indian Society for Technical Education, India
LM108249

Member of IRED - Institute of Research Engineers and Doctors, New York, NY 10004, United States of America.

Member of Eurasia Research- membership ID:TERA-M19624,
Membership Category: Life-time, Association:
Teaching and Education Research Association (TERA)

Member CSTA - Computer Science Teachers Association, New York, NY 10117-3509 and 1-800-342-6626 (US/Canada)

Member IAENG- International Association of Engineers, Unit 1, 1/F, 37-39 Hung To Road, Hong Kong.

Member ICST - Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, is a professional society that sponsors research, innovation and technology transfer to harness and maximize the benefits and impact of ICT in all sectors of human society, **South Portland.**

Member ITEEA- INTERNATIONAL TECHNOLOGY AND ENGINEERING EDUCATORS ASSOCIATION, 1914 Association Drive, Suite 201, Reston, VA 20191. Tel: 703.860.2100, Fax: 703.860.0353 iteea@iteea.org

Member AMLE- Association for Middle Level Education
4151 Executive Parkway, Suite 300, Westerville, OH
43081614-895-4730, (fax) 614-895-4750

Member AMEE- Association for Medical Education in Europe

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Member AOHT- The Association of Healthcare Trainers, founded by healthcare trainers, for healthcare trainers, INVESTORS IN PEOPLE, UK info@aoht.co.uk

MEMBER AMBA- Association for Master in Business Administration
25 Hosier Lane, London, EC1A 9LQ, United Kingdom
Email: info@mbaworld.com, Phone: +44(0) 2072462686

C. Research Contributions:

Twelve members have been awarded their PhD under my Guidance

Dr. Siddaraju .K: *Title: An effective automation model for classifying Medical Image to its*

Class: A case study with Bio-medical data, Year of Award 2018.

Dr. Ravi S Malashetty: *Title: A Machine Learning approach using Neural Networks for*

Automating and Understanding Tuberculosis, Year of Award 2018.

Dr. Mouneshachari S: *Title: An Efficient Computing Model To Quantify Human Intelligence*

Index Using EEG Analysis, Year of Award 2017.

Dr. Adithya; *Title: A Feature Extraction Computing Model for Knowledge Discovery and*

Similarity Measure in Detecting Neurological Disorders, Year of Award 2017.

Dr. Kusuma, *Title: PCA as a tool for exploratory data Analysis in object Recognition, Year*

of Award 2014.

Dr. Subramanya, *Title: Morphing of Images, Year of Award 2014.*

Dr. Raveesh BN, *Title: Dimension reduction tool for mining data, Year of Award 2013.*

Dr. ShobhaPatil; *Title: Feature Extraction methods for Effective Dimensionality Reduction in*

Pattern Recognition, Year of Award 2013.

Dr. Khalid Nazim; *Title: Face Recognition by Reconstruction, Year of Award 2012.*

Dr .Shadhana; *Title: Segmenting Skin Lesion Images Using Clustering Techniques, Year of*

Award 2012.

Dr. Vishwanth; Title: Intelligent Video Servlet Surveillance, Year of Award 2011.

Dr. Nagrajpatil; Title: Extraction of Knowledge from Multimedia Data, Year of Award 2011.

Three members are working for their PhD under my Guidance in VTU,

Mr. Madhusudhan; *Title: A feature Reduction tool to recognize/Understand a brain disorder based on medical images/data: A case study on Parkinson's MRI, Registration Year Nov 2012. (Completed Comprehensive Viva Voce)*

Mr. Hemanth Kumar; *Title: An algorithmic Model for design of Reliable and energy efficient protocols for wireless networks on human body. Registration year 2013. (Completed Comprehensive Viva Voce)*

Mr. Manjunath S, *Title: Development Of Techniques For The Automatic Extraction Of Grade Detection Of Brain Tumors Using Magnetic Resonance Images, year 2013. [(Completed Comprehensive Viva Voce and Writing Thesis)]*

Mrs. Archana MR; *Title Algorithmic Model for Understanding and Reconstruction of Events in Forensic Investigation Registration Year 2017.*

D. Professional Recognition:

1. **Member, Board of Examination, Visvesvaraya Technology University, Belagavi** for 2017-2018.
2. **Member, Board of Examination, University of Mysore, Mysore** for Specialized programme offered under **Outreach Programme** in *Sampoorna International Institute of Agri. Science & Horticultural Technology, Channapatna, B.Sc (Honours) in Agricultural Science and Technology / Horticultural Science & Technology* for the Academic year 2016-17.
3. **Member, Board of Studies, University of Mysore, Mysore** for Specialized programme offered under **Outreach Programme** in *Sampoorna International Institute of Agri. Science & Horticultural Technology, Channapatna, B.Sc (Honours) in Agricultural Science and Technology / Horticultural Science & Technology* for the Academic year 2016-17.

4. **Co-ordinating Member for National Assessment and Accreditation Council (NAAC), for GMIT, Davanagere, during Feb 2016-17**
5. **Member, Board of Examination, Visvesvaraya Technology University, Belagavi for 2014, & 2015-2016.**
6. **Invited Speaker on Plagiarism, Jain Institute of Technology, Davangere on during 2015.**
7. **Speaker, Techno-Mania- A Annual Technical Fest, University BDT College of Engineering (UBDTCE), Davangere on 2015.**
8. **Co-ordinating Member for National Board of Accreditation (NBA), for GMIT, Davanagere Since Feb 2015**
9. **Co-ordinating Member for INTERNATIONAL ORGANIZATION for STANDARDIZATION, ISO-9001, for GMIT, Davanagere**
10. **Expert Panel member** of Jain University for PhD programme in Computer Science and Engineering, since 2012.
11. **Advisory member** of CESCO, Mysore during 2010 -2012
12. **SPOC, Single point of contact** for INFOSYS-VVIET, Mysore during 2010-2012
13. **National Advisory Committee Member, International Conference on Computer Science & Information Technology 2010, on 17th & 18th September 2010 to be held at R.L. Jalappa Institute of Technology, Doddaballapura, Bangalore.**
14. **Invited Speaker**, Research avenues for Computer Science faculty held on 15th November 2009 at R.N. College of Engineering & Technology, Madlauda, Panipat
15. **Advisory Member:** R.N. College of Engineering & Technology, Madlauda, Panipat.
16. **Invited Speaker on Topic Research Avenue in India Foundations for Project proposals**, on 21st & 22nd Aug 2009, held at Under Association of Department of Computer Science and Engineering, *G.S.S.S.I.E.T. for Women, Mysore*
17. **B.O.E Member for Computer Science in Karnataka State Open University, Manasagangothri, Mysore Academic Year 2009 to 2011.**
18. **Programme Committee Member, International Conference on Signal and Image Processing** on 12th – 14th August 2009, hosted by Vidya Vikas Institute of Engineering and Technology, Alanahally, Mysore-Bannur Road Mysore- 570010.
19. **Committee Member**, Emerging Trends in Computer Science & Information Technology, A National Level Conference, held on 17th– 18th April 2009, Organizer: Mahajana Education Society, Pooja Bhagavat Memorial Mahajana PG Center, KRS Road, Mysore.

20. **Session Chair, Inventio-09**, State Level Paper Presentation, on 5th march 2009 at Department of ISE, GMIT, Davanagere.
21. **Obtained DALE CARNEGIE TRAINING certification**, workshop jointly organized by a **Collaborate venture of Dale Carnegie & Associates Inc. Trainer under the Banner MISSION 10X** during the Year 2008 -2009
22. **Conference Committee Member, Xibit-08**, A National Level Technical Symposium held on 25th & 26th April 2008, at R.L. Jalappa Institute of Technology, Doddaballapura, Bangalore
23. **Reviewer and Session Chair for Medical Imaging Session for Second International Conference on Cognition and Recognition – ICCR08**, held on 10-12th of April 2008 Organized by PES College of Engineering, Mandya, Karanataka, India.
24. **Awarded with Senior Research Fellowship** from Indian Council of Medical Research – New Delhi for Doctoral work, during 2000 -2004.
25. **Invited as a Resource Person** in Kerala University for delivering lecturer in Academic Staff College in area of **Intellectual Property Rights and Bioinformatics** conducted between Jan 17th to Feb7th 2006.
26. **Reviewer and Session Chair for First International Conference on Cognition and Recognition – ICCR05**, held on Dec 22 & 23, 2005; Organized by Jointly by PES College of Engineering, Mandya and Department of Studies in Computer Science, Manasagangothri, Uni. Of Mysore, Karnataka, India.
27. **Young Scientist Award** by the World Congress of Biological Psychiatry for a 8th attending Conference at **Vienna, Austria**. June 28th – July 3rd 2005. Attended by Dr. Raveesh Co-Author of the Paper.
28. **Research Consultant**, Mental Informatics Treatment Research Academy (MITRA) Since March 2005
29. **Speaker in Continuing Medical Education [CME] on IT Vs Psychiatry** 56th Annual Conference of Indian Psychiatric Society: IPS Karnataka State Branch Jan 2004.
30. **Reviver: International Journal of Bioinformatics**; Oxford Press: Cambridge, London, Since Nov – 2002.
31. **One out of Five Researcher** in the world to receive **Bursary Award** [cover my Local Hospitality] for attending International Conference on Aluminum in UK [London] held during Feb – March 2001, Received Full Travel Grant from **Government of India**.
32. Received an International Recognition for Collaborating with **Canadian Researcher Prof. Vasu Aparna** biochemistry Adjunct Professor university of waterloo, Department

- of Chemistry & Biochemistry, Laurentian University, Ramsey Lake Road, Sudbury, Ontario, P3E 2c6, Canada.*
33. *Received an Invitation for **First International Meeting on Alzheimer's Disease in Brazil** to present a Paper for Finding a CSF as Diagnostic Tool to Analyze Alzheimer's Disease October 5-7 2000.*
 34. *Awarded **First Place** For Platform Presentation In Society of Biological Chemists during the Year 2000.*
 35. *Selected to work in **Assessment of Mineral Quantity & Preparation of Feasibility Reports for De-fluoridation of Water in Three Blocks of Andra Pradesh**: - Funded by The Rajiv Gandhi National Drinking Water Mission Ministry of Rural Development Government of India.*

D.1 Credentials:

- **Panel Chairman, Topic: Human Values in Higher Education; NCETERM-Delta 2018**, 6th National Conference on Emerging Trends in Engineering & Management, held during 26th -27th October 2018.
- **Management Council Member, University of Mysore**, Mysore for Specialized programme offered under **Outreach Programme** in Sampurna International Institute of Agri. Science & Horticultural Technology, Channapatna, **B.Sc (Honours) in Agricultural Science and Technology / Horticultural Science & Technology** for the Academic year 2016-17.
- **Panel Chairman, Topic: Health Care Monitoring System; NCETERM-Delta 2017**, 5th National Conference on Emerging Trends in Engineering & Management, held during 26th - 27th October 2017.
- **Convener, Delta 15.0, A national Level Technical Fest**, held during 4th – 5rd of September 2015, G.M.I.T. Davanagere
- **Co-ordinator, Mission10X Learning Approach Workshop Advanced**, held during 22th – 23rd of March 2010, Jointly organized In-collaboration with Wipro Technologies, Bangalore & G.S.S.S.I.E.T. for Women, Mysore
- **Co-ordinator, Mission10X Learning Approach Workshop**, held during 4th – 8th of Jan 2010, Jointly organized In collaboration with Wipro Technologies, Bangalore & G.S.S.S.I.E.T. for Women, Mysore

- **Conference Convener, *Second National Level conference TANTRAGANA-2009, Arena of Intellectual Innovations, conducted on 6th & 7th October 2009 held at G.S.S.S.I.E.T. for Women, Mysore*** Under Association of Department of Computer Science and Engineering, Mysore
- **Convener, *Foundations for Project proposals, on 21st & 22nd Aug 2009, held at Under Association of Department of Computer Science and Engineering, G.S.S.S.I.E.T. for Women, Mysore***
- **Programme Committee Member, *International Conference on Signal and Image Processing on 12th – 14th August 2009, hosted by Vidya Vikas Institute of Engineering and Technology, Alanahally, Mysore-Bannur Road Mysore- 570010.***
- **Advisory Committee Member for a National Level *Conference on recent Trends in Engineering and Technology to conducted on 21st & 22nd November 2008, to be conducted in R.L.Jalappa Institute of Technology, Bangalore*** Under Department of Information Science and Engineering.
- **Organizing Chair for a National Level *Conference “TANTRAGNANA-2008” conducted on 25th & 26th September 2008 held at G.S.S.S.I.E.T. for Women, Mysore*** Under Association of Department of Computer Science and Engineering, Mysore
- **Reviewer and Session Chair for *Medical Imaging session for Second International Conference on Cognition and Recognition– ICCR08, held on 10-12th of April 2008*** Organized by PES College of Engineering, Mandya, Karnataka, India. Science and Engineering & Department of Information Science and Engineering, Mysore
- **Programme Co-ordinator for “ *CSISA-2007” conducted on 13th March 2008 held at G.S.S.S.I.E.T. for Women, Mysore*** Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore
- **Programme Convener *Conference “TANTRAGNANA-2007” conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore*** Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore
- **Editor for *TANTRAGNANA-2007 conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore*** Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore
- **Organizer & Organizing Committee member for *Conference “Theme: A One day Event where Knowledge & Stress are released” conducted on 2nd May 2007 held at***

G.S.S.S.I.E.T. for Women, Mysore Under Department of Computer Science and Engineering, Mysore.

- **Organized** workshop on **TANTRA GANANA 2006** Theme: *Innovative Talent Search*” conducted on 21st & 22nd April 2006 held at G.S.S.S.I.E.T. for Women, Mysore Under Department of Computer Science and Engineering, Mysore. Conducted in G.S.S.S.I.E.T. for Women, Mysore
- **Reviewer and Session** chair for *First International Conference on Cognition and Recognition – ICCR05, held on Dec 22 & 23, 2005*; Organized by Jointly by PES College of Engineering, Mandya and Department of Studies in Computer Science, Manasagangothri, Uni. Of Mysore, Karnataka, India.
- **Organizing Secretary** for the *First a workshop on TANTRA GANANA 2005 in Oct-26 & 27* Conducted in G.S.S.S.I.E.T. for Women, Mysore Under Department of Computer Science and Engineering, Mysore
- **Commissioned a Unit** in *JSS Medical College for Neuro-Information Technology, in joint collaboration of Computer Science & Engg, SJCE, Mysore and Dept. of Psychiatry, JSSSMC, Mysore*
- **Research Consultant** *Mental Informatics Treatment Research Academy MITRA Since March 2005, Address: #2955, 1st Main, 2nd Cross, Saraswathipuram, Mysore.570 009*
- **Scientific Committee, Member** of *56th Annual National conference of the Indian Psychiatric Society, (ANCIPS), 8th -11th, 2004, Mysore, Karnataka, India.*

E. Area of Interest:

- *Imaging studies for cognition and recognition in Pattern Recognition*
- *Implementing Pattern Recognition and Image Processing Studies for analyzing different chemical elements and its relevance of Human system*
- *Application Software to understand role of Chemical elements in progression of Neurological Disorders: Such as Alzheimer’s disease, Parkinson’s disease.*
- *Implementing and Image Processing Studies for understanding Emotions and its relevance of Human system*

E.1. Publications:

E.1.1) Journal Papers:

1. *Classification of Brain Tumor Types in MRI Using Support Vector Machine, Manjunath S, Dr. Sanjay Pande M.B, Journal of Advance Research in Dynamical & Control Systems, Vol. 10, 01-Special Issue, 2018.*
2. *EEG Artifact Detection Model: A Landmark Based Approach, Mouneshachari S, Dr. Sanjay Pande M B, Dr. Raveesh B N, Springer Nature – Progress in Advanced Computing and Intelligent Systems, DOI: 10.1007/978-981-10-6875-1_60, (In Press Publication date Jan 2018)*
3. *Computer Aided System For Diagnosis Of Kidney Stones Using Neural Networks, Manjunath S, Dr. Sanjay Pande M.B, Dr. Raveesh B N, Research Scholar, Department Of Computer Science And Engineering, Jain University, Bengaluru 2Principal, SITAR, Chennapatna Tq, Ramanagara 3Director, DIMHANS, Dharwad, International Journal Of Current Engineering And Scientific Research, (Print): 2393-8374, (Online): 2394-0697, Volume-4, Issue-1, 2017.*
4. *Devising an interpretable calibrated scale to quantitatively assess the dementia stage of subjects with Alzheimer's disease: A machine learning approach, C.R. Aditya and M.B. Sanjay Pande, Informatics in Medicine Unlocked, <http://dx.doi.org/10.1016/j.imu.2016.12.004>.*
5. *Gaussian Multi-Scale Feature Disassociation Screening in Tuberculosis, Ravi S Malashetty, Dr Sanjay Pande M B, International Journal of Computational Engineering Research (IJCER), Volume , Issue No , January 2017.*
6. *A Computing Tool for Diagnosis Pulmonary TB Based on Cough, Ravi S Malashetty, Dr. Sanjay Pande M International Journal of Engineering Science and Computing, ISSN 2321 3361 © 2016 IJESC, Volume 6 Issue No. 12, 3852-3855. December 2016*
7. *A view of using Computing Model in Medical Data Analysis, Ravi S Malashetty, Dr. Sanjay Pande M International Journal of Scientific & Engineering Research (IJSER), ISSN 22129-5518, December 28, 2016*
8. *Identity Based Proxy Re-encryption algorithm for Secure data sharing model, Naveen, Dr. Sanjay Pande, In Meeting cloud computing; International journal of Emerging Technology In Meeting Computer Science and Electronics, Volume 23, Issue - 08, November 2016, ISSN- 0976-1363*

9. *EQ and IQ based classification of Intelligent Index(S-Quotient) using K-means*”, Mouneshachari S, **Dr. Sanjay Pande M B**, Dr. T S Satyanarayana Rao, in 6th IEEE International Advance Computing Conference (IACC-2016) on Feb 27th-28th February 2016, Organised and Conducted by SRKR Engineering College, Bheemavaram, Andhra Pradesh, ISBN 978-1-4673-8285-4.
10. *Computing Correlation Model Between EQ (Emotional Quotient) and IQ (Intelligent Quotient)*, Mouneshachari S, **Dr. Sanjay Pande M** World Congress on Engineering and Computer Science 2016 (International Conference on Modeling, Simulation and Control 2016), San Francisco, USA, 19-21 October 2016, Published by IAENG, ISBN: 978-988-14047-1-8.
11. *Trusted Virtual domains toward secure distributed services In software-as-a-secure*, Naveen, **Dr. Sanjay Pande**, International journal of Emerging Technology In Meeting Computer Science and Electronics, Volume 18, Issue -02, November 2015, ISSN- 0976-1363.
12. *Computing model for the Estimation of Correlation between EQ (Emotional Quotient) and IQ (Intelligent Quotient)*, Mouneshachari S, **Dr. Sanjay Pande M B**, in Delta 15.0 (National Conference), held at GMIT, Davangere on 4th and 5th September 2015.
13. *An Automatic System for Facial Expression Classification by utilizing Artificial Intelligence Techniques*, Gridhar Gowda, **Dr. M.B Sanjay Pande**; International Journal of Advanced Research in Computer Science and Applications ISSN 2321-872X, Impact Factor: 1.432, Volume 3, Issue 6, June 2015
14. *A Statistical Learning tool for identifying Elemental ratio in Cerebrospinal fluid*; Siddaraju K, **Dr. Sanjay Pande**, International Journal of Scientific & Engineering Research, ISSN 2229-5518, Volume 4, Issue 6, June-2013, pp2963-67.
15. *An efficient method to avoid deadlock complexity for mutual exclusion*, Siddaraju K, **Dr. Sanjay Pande** International Journal of Scientific & Engineering Research, Volume 4, Issue 7, July-2013, ISSN 2229-5518, pp 2048-57
16. *Dimensionality Reduction Using PCA and Neural Networks for Effective Face Recognition*; Shobha R. Patil, Vani Chikkareddi, **Dr. M.B Sanjay Pande**; *Global journal of mechanical Engg and Computational Science*; ISSN: 2249 – 3468.
17. *Principal component Analysis a Survey*; Shobha R. Patil, **Dr. M.B Sanjay Pande**; International Journal(s): Journal Name: Global journal of mechanical Engg and Computational Science; ISSN : 2249 – 3468: Issue: September 2011 Vol. No. 1, Issue No.3, pp. 25-29.

18. *A Chaotic Encryption of images using PCA*; Shobha R. Patil, Dr. **M.B Sanjay Pande**, Global journal of mechanical Engg and Computational Science – ISSN: 2249 – 3468;
19. *Comparison of Clustering Techniques with Thresholding in Segmentation of Skin Lesion Images*; Prof S. P. Banagarashetti, Dr. **M.B Sanjay Pande**; International journal of Engineering Sciences Reasearch-IJESR; Issue: September 2012 Vol. No. 2(1), pp.76-86.
20. *An Introduction spatial filtering for image pre processing*; Shobha R. Patil, Dr. **M.B Sanjay Pande**; Global journal of mechanical Engg and Computational Science; Issue: September 2011 Vol. No. 1, Issue No.3, pp. 44-56.
21. *FIR: finite impulse response filter*; Shobha R. Patil, Dr. **M.B Sanjay Pande**; Global journal of mechanical Engg and Computational Science; Issue: September 2011 Vol. No. 1, Issue No.3, pp. 51-53.
22. *Face Recognition using Principal component Analysis*; Shobha R. Patil, Vani chikkareddi, Dr. **M.B Sanjay Pande**; Global journal of mechanical Engg and Computational Science; ISSN: 2249 – 3468; Issue: September 2011 Vol. No. 1, Issue No.3, pp. 110-113.
23. *Dimensionality Reduction of Satellite images using Principal component Analysis*; Shobha R. Patil, Dr. **M.B Sanjay Pande**, International Journal of Communication Engineering Applications ISSN: 2230 –8529, Issue: September 2011 Vol. No. 1, Issue No.3, pp. 105-109.
24. *Segmentation of Melanoma skin cancer Images Based on Clustering Techniques*; Prof S. P. Banagarashetti, Dr. **M.B Sanjay Pande**; International journal of Engineering Sciences Reasearch-IJESR; Issue: August 2011 Vol. No. 2(1).
25. *Artifacts Removal from skin Lesion Images*; Prof S. P. Banagarashetti, Dr. **M.B Sanjay Pande**; Global journal of mechanical Engg and Computational Science; Issue: June 2011 Vol. No. 1(3), pp. 30-34.
26. *Automatic segmentation of skin Cancer Images Based on Clustering Techniques*; Prof S. P. Banagarashetti, Dr. **M.B Sanjay Pande**; Global journal of mechanical Engg and Computational Science; Issue: June 2011 Vol. No. 1(3), pp. 83-87.
27. *Mean – Variance parametric Model for the Classification based on Cries of Babies (pp. 84-88)*, Khalid Nazim S. A., Dr. **M.B Sanjay Pande**, IJCSIS May 2010 Issue (Vol. 8, No. 2).
28. *Extraction of Information from Images using Dewrapping Techniques (pp. 101-109)*, Khalid Nazim S. A., Dr. **M.B. Sanjay Pande**, IJCSIS November 2010 Issue (Vol. 8, No.8).

29. *Motion Blobs as a Feature for Detection on Smoke*, Khalid Nazim S. A., **Dr. M.B. Sanjay Pande**, IJACSA August Issue (Vol. 2, No.8).
30. *Featureless mosaicing of angile Document Images*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande.**, Journal of Intelligent learning systems and application August 2011. ISSN:2150-8410.
31. *Visual Cryptography a method for hiding data in Images*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande.**, International Journal of Advances in Engineering and Technology. Vol 1, Issue 3, July 2011.
32. *Mosaicing of Torn document images*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande.**, International Journal of Research &Reviess in Applied Sciences. Vol. 7, issue 1, April 2011. Pp 25-31, ISSN: 2076-734x EISSN: 2076-7366
33. *Slant Transformation as a tool for pre-processing in image processing*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande.**, International Journal of Scientific & Engineering research volume 2, issue 4, April 2011. Pp 1-8; ISSN: 2229-5518
34. *Processing of Images Based on Segmentation models for extracting textured component*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande**, International Journal of Scientific & Engineering research volume 2, issue 4, April 2011. Pp 1-8, ISSN: 2229-5518
35. *Extraction of Information from Images using Dewrapping Techniques*, Khalid Nazim S. A., **Dr. M. B. Sanjay Pande**, International Journal of Computer Science and Information Security, November issue (Vol. 8 No. 8), 2010.
36. *Mean – Variance parametric Model for the Classification based on Cries of Babies* Khalid Nazim S. A., **Dr. M. B. Sanjay Pande**, International Journal of Computer Science and Information Security, May 2010, Vol. 8 No. 2.
37. *An Algorithmic Approach to understand Trace Elemental Homeostasis in Serum Samples of Parkinson's disorder*; **Sanjay Pande MB**, Nagabhushan P*, MurlidharHegde, Jagannatha Rao KS, Sathyanarayana Rao TS, Computers in Biology and Medicine, 35, 2005, pp 475-493.
38. *Computer Ethics and Cyber Laws to Mental Health Professionals*; **Sanjay Pande MB** and RaveeshBN,*Indian Journal of Psychiatry*, Vol 46, No.2 99-103, April – June 2004.
39. *Criminal Information Systems: A Software package for Forensic Psychiatry*; **Sanjay Pande MB** and Raveesh BN, *Indian Journal of Psychological Medicine*; Vol 26, No 2, pp 19-23, 2003.

40. *Trace elements in the Cerebrospinal Fluid in Alzheimer's disease*, Jagannatha Rao KS*, **Sanjay Pande MB**, Shanmugavelu P, Shankar K, Rukumini Devi, R.V. Rao and Rani Menon; *Alzheimer's Reports*, Research Report, Vol.2 No 6 1999.

E.1.II) Papers Communicated to Journals

- *Emotion – is it a factor of parameter or relevance*, Mouneshachari S, **Dr. Sanjay Pande M B**, Dr. T S Satyanarayana Rao, *International Journal of Transformative Emotional Intelligence*, Texas, USA (communicated)
- A more Generic Similarity Measure for Supervised Matching; **Sanjay Pande M.B**, Nagabhushan P*, Jagannatha Rao K.S. {*Informatics and Computer science Intelligent Systems Application; Elsevier; Amsterdam; Netherlands 2018*}
- An Algorithmic Model to understand Trace Elemental Homeostasis in Serum Samples of Parkinson Disease: A Challenge as a Diagnostic Tool; **SanjayPande MB**, Nagabhushan P, Sathyanarayana Rao TS, Jagannatha Rao KS {*International Journal of Bioinformatics 2018*}

E.1.III) International Paper / Abstract Presentations:

1. EEG Artifact Detection Model: A Landmark Based Approach; Mouneshachari S, **Sanjay Pande M.B.**, Raveesh B.N., International Conference on advanced Computing and Intelligent Engineering, (ICACIE-2016) held during 21st – 23rd December 2016, organized by **Springer**& CV Raman College of Engineering, Bhubaneswar, India.
2. A Computing Model for understanding Matching Images using Wavelets: A Comparative Case study on IRIS, Ravi S. Malashetty, **Dr. Sanjay Pande M B**, Delta 15.0, A National Level Technical Fest, during 4th and 5th September 2015, GMIT, Davanagere.
3. A Pose Computing model for motion Estimation, Suchitra MB, Ravi S. Malashetty, **Dr. Sanjay Pande**, Delta 15.0, A National Level Technical Fest, during 4th and 5th September 2015, GMIT, Davanagere.
4. A new effective algorithm for synapse and mitochondria segmentation employing various discriminating features, Ravi S. Malashetty, **Dr. Sanjay Pande**, Amritha Vishwa Vidyapeetham, University, Mysore Campus, Applications of Data Mining in Management of Metabolic and Degenerative Disorders, 16th -18th April 2015.

5. Reconstructing Accurate Shape from Images a Challenging problem in Computer Vision, Ravi S. Malashetty, **Dr. Sanjay Pande M B**, A national conference on Computer Networks and Soft Computing NCNS-12, Organized by Department of Computer Science and Engineering , SSIT, Tumkur, on 6th and 7th 2012.
6. *Segmentation Technique used to get better efficiency on color Images; Nagaraj B.Patil, V.M. Vishwanath, Dr.Sanjay Pande.*, Conference on Evolutionary Trends in Information Technology. CETIT-2011 on 20th-22nd may 2011. Visvesvarya Technological University, Belgaum. Pp 121.
7. *Extraction of knowledge from multimedia data; Nagaraj B.Patil, V.M. Vishwanath, Dr.Sanjay Pande.* International conference on Computer Science and Information technology on 17th – 18th Sept 2010 R L J Institute of Technology, Doddaballapur. ISBN 978-81-920011-0-4 pp 179-181.
8. *Cognition Using Spiral Computed Tomography Images in Medicine;*, ***Sanjay Pande M.B.**, Raveesh BN , International conference on Cognition & Recognition, Dec 22 & 23, 2005, PES Mandya.
9. *Cognition tools for understanding Psychological Implications,* *Raveesh B.N. **Sanjay Pande M.B.**, 8th World Congress of Biological Psychiatry June 28th to 3rd July, Vienna Austria.
10. *Neuropsychiatric manifestation of Skeletal fluorosis,* ***Sanjay Pande M.B.**, Raveesh BN, Water & Health, , Jan 2005, SCJE, Mysore.
11. *An algorithmic approach to understand affinity of a test sample to a class: a case study on (i) Fisher's Iris data set (ii) Cerebrospinal fluid samples of normal and Alzheimer's disease;* ***Sanjay Pande M.B.**, Nagabhushan P, Jaganatha Rao K.S., International Conference on Recent Trends and New Directions of Research In Cybernetics and Systems Theory, Jan 1st -3rd, 2004; Organizer: Institute of Advanced Study in Science and Technology; Jawahar Nagar, Khanapara, Guwahati India.
12. *Algorithmic model for affiliation analysis of neurological disorder: Case study: Serum samples of Parkinson's disorder;* **Sanjay Pande MB***, Nagabhushan P, Murlidhar Hegde, Jagannatha Rao KS, Sathyanarayana Rao TS, ShamaSundar NM Conference on INDO-US symposium on "BRAIN RESEARCH": National Brain Research Council, 22nd – 24th Feb 2003; Organizer: National Brain Research Organization (an autonomous institute of department of biotechnology) Venue : INSA Delhi, India
13. *An Algorithmic Model to understand Trace Elemental Homeostasis in Serum Samples of Parkinson Disease: A Challenge as a Diagnostic Tool;* **Sanjay Pande MB***,

Nagabhushan P, Sathyanarayana Rao T S, Jagannatha Rao KS National Council for Biological Sciences NAB 2003, January 3rd -6th; Organizer : NCBS TIFR Bangalore, India ;

14. *A Study on sexual Practices in General Population*; Satyanarayana Rao TS, Vasumathy S Rao, Raghunath Guptha , Rajesh Raman , Gururaj Urs, Marutham P, Basavaraju M , **Sanjay Pande MB**; Program 15th World Congress of Sexology, June 24th – 28th 2001 in Paris ; Under World Association for Sexology , World Health Organization and French Ministry of Health; Organizer : Regimedia, Scientific Secretariat, Parisexo-Regimedia, 17 rue de seine- 92100 Boulogne.
15. *An Epidemiological study of Desire Disorders in Women*; Satyanarayana Rao TS, Vasumathy S Rao, Raghunath Guptha , Rajesh Raman , Gururaj Urs, Marutham P, Basavaraju M , **Sanjay Pande MB**; Program 15th World Congress of Sexology, June 24th – 28th 2001 in Paris ; Under World Association for Sexology , World Health Organization and French Ministry of Health; Organizer : Regimedia, Scientific Secretariat, Parisexo-Regimedia, 17 rue de seine- 92100 Boulogne.
16. *A Computational Model to understand Progression of Alzheimer's disease: a diagnostic approach*; **Sanjay Pande M.B***, Nagabhushan P, Jagannatha Rao KS Abstract presented to the International Conference was selected: Neurotoxicity as a mechanism for degenerative disorders: Basic and Clinical Aspects, Pucon, Chile, March 16th –18th 2001; Organizer: Dr. Juan Segura-Aguilar, Programme of Molecular and Clinical Pharmacology, ICBM, Faculty of Medicine, Independencia 1027, and Casilla 70000 SANTIAGO – 7 CHILE.
17. *Computer model to understand trace elemental inter-relationships in cerebrospinal fluid of normal and Alzheimer's disease: a diagnostic approach*; **Sanjay Pande M.B***, Nagabhushan P, Jagannatha Rao KS, Shankar SK: An abstract, and Attend the conference in London: The fourth keele meeting on aluminum 24th – 27th February 2001; Organizer Christopher Exley, Keele University, Staffordshire, STG United Kingdom; BIRCHALL CENTRE FOR INORGANIC CHEMISTRY AND MATERIALS SCIENCE
18. *Assessment of Mineral Quality of Drinking water in Fluoride rich rural areas in Ananthapur district of Andhra Pradesh and development of Fluoride Spot detection Kit for Rural area*; **Sanjay Pande M.B**, Anitha S, Pavithran M.V., Shanmugavelu P., Jagannatha Rao KS* , Vishwanatha S., Vengamma B., Wilson G., R.V. Rao; International Workshop on Fluoride in Drinking Water: Strategies, Management & Mitigation at

Bhopal (India) ,22nd-24th January 2001: Organizer: Government of Madhya Pradesh ,
Public Health Engineering Department

19. *Diagnostic Value of CSF Aluminum / Iron ratio in Alzheimer's disease.* **Sanjay Pande M.B***, Nagabhushan P, Jagannatha Rao KS Organization: Alzheimer's disease International 15th International Conference. 16th -18th Sep 1999 Near Johannesburg South Africa:
20. *Application of ICP-AES in Trace Elemental Analysis of CSF in Normal and Alzheimer's patients – A Clinical Approach,* **Sanjay Pande M.B***, Nagabhushan P, Jagannatha Rao KS Organization: Medical Science Journals – Alzheimer's Reports, The Mill, Milllane Linton Cambridge shire CBI 6IY, and U K:
21. *Dimensionality Reduction on Feature Space of Trace Elements in the analysis of neurological disorders.* **Sanjay Pande M.B.**, Nagabhushan P; The 6th International Conference on Cognitive Systems ICCS 2004, Dec 2004, New Delhi.

E.1.IV) National/ Paper / Abstract Presentations & Others:

1. A computing Model for understanding Matching Images using wavelets, A comparative Case study on IRIS, Ravi S Mallashetty, Dr. **Sanjay Pande M B**, Delta 15.0, A National Level Technical Fest, held during 4th& 5th September 2015, organized at GMIT, Davanagere
2. A computing Model for understanding the distribution pattern present in a Data set: A case Study on Kosi River data, Sushmitha GP, Dr. **Sanjay Pande M B**, Delta 15.0, A National Level Technical Fest, held during 4th& 5th September 2015, organized at GMIT, Davanagere
3. Ensuring data storage security in cloud computing, Mahadevappa N, Dr. **Sanjay Pande M B**, Delta 15.0, A National Level Technical Fest, held during 4th& 5th September 2015, organized at GMIT, Davanagere
4. *A pose Computing Model for Motion Estimation*, Suchithra MB, Dr. **Sanjay Pande M B**, Delta 15.0, A National Level Technical Fest, held during 4th& 5th September 2015, organized at GMIT, Davanagere
5. *Computing model for the Estimation of Correlation between EQ (Emotional Quotient) and IQ (Intelligent Quotient)*, Mouneshachari S, **Dr. Sanjay Pande M B**, Delta 15.0, A National Level Technical Fest, held during 4th& 5th September 2015, organized at GMIT, Davanagere

6. *Extraction of images using edges from multimedia data*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande**, A national conference on Emerging trends in Engg. Technology & Application (NCETETA-2010) on 12th& 13th November 2010, Shirdi Sai Engineering College, Bangalore. Pp.119-120.
7. *Background subtraction techniques used in intelligent video servlet surveillance*, Nagaraj B.Patil, V.M. Vishwanath, **Dr. Sanjay Pande**. A national conference on emerging trends in Engg. Technology & Application (NCETETA-2010) on 12th& 13th November 2010, Shirdi Sai Engineering College, Bangalore. Pp 170-174.
8. *Classifying Infants Based On Cry: A Doyle's Mathematical Model*, Saraswathi, **Sanjay Pande MB**, at the National conference on Issues and Trends in Advanced Computing (NITAC-2010), to be Sathyamangalam held during 19 – 20, March 2010 at Bannari Amman Institute of Technology – 638 401
9. *A survey on Knowledge Mining*. S.A.Khalid Nazim, **Dr. Sanjay Pande M.B**, 6th& 7th Oct 2009, National Level Conference, TANTRAGNANA-2009, GSSSIETW, MYSORE
10. *Vision Data Mining: An automated tool for Pattern Extraction*, Uday Shankar, **Dr. Sanjay Pande M.B.**, 6th& 7th Oct 2009, National Level Conference, TANTRAGNANA-2009, GSSSIETW, MYSORE
11. *A parametric model for understanding a Disorder*, M.M.Vijetha, **Dr. Sanjay Pande M.B.**, **Archana M.R**, Dr.Raveesh B.N., 6th& 7th Oct 2009, National Level Conference, TANTRAGNANA-2009, GSSSIETW, Mysore
12. *Hand written Postal address Recognition System*, AmbalgiBheemashanker, S.R.Raikoti, **Dr Sanjay Pande MB**, 25th and 26th June 2009, National Conference On Recent Trends In Computer Science & Information Technology, Guru Nanak Dev Engineering College, Mailoor Road Bidar.
13. *Automatic Cheque Processing System with Skilled Forgery Detection for Signatures*, Saraswati, S.R.Raikoti, **Dr Sanjay Pande MB**, , 25th and 26th June 2009 ,National Conference On Recent Trends In Computer Science & Information Technology, Guru Nanak Dev Engineering College, Mailoor Road Bidar
14. *Implementing Controller Section of CPU as Soft component*, Sharanbasappa S Korwar, S.R.Raikoti, **Dr Sanjay Pande MB**, 25th and 26th June 2009, National Conference On Recent Trends In Computer Science & Information Technology, Guru Nanak Dev Engineering College, Mailoor Road Bidar
15. *Application of Machine Vision for Industrial Automation*, Ramayashree, Srilakshmi, Thannamy, & **Dr. Sanjay Pande M.B.** 21st April 2009, Mandya

16. *Fingerprint Recognition with Pressure Sensing Technology*, Dr. **Sanjay Pande M.B.** & BramaPrakash, Conference March 5th& 6th March 2008, Organizer Department of Computer Science & Engineering. RV college, Bangalore
17. *Knowledge Abstraction in Clinical Data warehouse*, Ashwin & **Sanjay Pande M.B.**, A National level conference on Recent Trends in *Information Technology for Rural development* RTIT-2007, on 9th -10th December 2007 organized by Department of Information Technology Shri Sant Gajanan Maharaj College of Engineering, held in Shegaon-444 203 Dist. Buldhana (M.S) (INDIA) Maharashtra.
18. *Rectangular path for Recognition of Braille Symbols*. Vidyashankar, **Sanjay Pande M.B.**, Hemantha Kumar G; *TANTRAGNANA-2007* Conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore.
19. *Feature Extraction for Classification*; Rajkumar, **Dr. Sanjay Pande M.B.**, Archana MR; *TANTRAGNANA-2007* Conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore.
20. *Tools for Pattern recognition and Image Processing*, **Sanjay Pande M.B.**, Satish Babu, *TANTRAGNANA-2007* Conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore
21. *Weightage Factor Assignment for Classification*. Viveknanda, **Sanjay Pande M.B.**, Raveesh BN ; *TANTRAGNANA-2007* Conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore.
22. *Artificial Intelligence – Impact on Humanity*; S. Lakshmi, Hema Raveesh, Raveesh BN **Sanjay Pande M.B.**; *TANTRAGNANA-2007* Conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore Under CSISA, Association of Department of Computer Science and Engineering & Department of Information Science and Engineering, Mysore.
23. *Can it not be Possible!!!*, Divya Shetty S, Ramya Shree HR, Hema Raveesh, Raveesh BN **Sanjay Pande M.B.**; *TANTRAGNANA-2007* Conducted on 26th & 27th October 2007 held at G.S.S.S.I.E.T. for Women, Mysore Under CSISA, Association of Department of

Computer Science and Engineering & Department of Information Science and Engineering, Mysore.

24. *Computational Model for Diagnostic assessment of Neurological Disorder (Parkinson's disease) through Similarity Analysis.* **Sanjay Pande M.B.**, Nagabhushan P, Jagannatha Rao K.S. ; XXXVIII National Convention 2003, Computer Society of India, 11th -13th, 2003, Theme : Information, Computers and Telecommunications (ICT) for Prosperity of Mankind; Indian Institute of Technology New Delhi.
25. *Pattern Recognition and Image Processing in Dermatology:* **Sanjay Pande M B**, Nagabhushan P, Basavaraj K.H. Raveesh B N, Jagannatha Rao K S. 68th Annual Conference of IADVL K-T Branch May 8th -9th, 2004, DERMIS-04, Organizers: Mysore Dermatology Society, Mysore, Karnataka , India.
26. *A novel Algorithmic Approach to understand Trace Elemental Homeostasis in support of Practically Viable Similarity – Dissimilarity Analysis in the Discrimination of Neurological Disorder:* **Sanjay Pande M B**, Nagabhushan P, Sathyanarayana Rao T S, Raveesh B.N., Marutham, Jagannatha Rao K S; 56th Annual National conference of the Indian Psychiatric Society, (ANCIPS), 8th -11th Mysore, Karnataka, India.
27. *e-mental health:* **Sanjay Pande M B**, Nagabhushan P, Sathyanarayana Rao T S, Raveesh B.N., Jagannatha Rao K S; 56th Annual National conference of the Indian Psychiatric Society, (ANCIPS), 8th -11th, 2004, Mysore, Karnataka , India
28. *Mathematical Dilemma in “Understanding Mental Health”:* **Sanjay Pande M.B**, Nagabhushan P, Marutham P., T. S. Sathyanarayana Rao, Jagannatha Rao K.S., Annual Conference on Indian Concepts of Mental Health, 22nd-23rd Aug 2003. Organizer: Department Dept. of Psychiatry, JSS Medical College Hospital, Mysore 570004, India
29. *An Algorithmic Approach to understand Trace Elemental Homeostasis in Serum Samples of Parkinson Disease;* **Sanjay Pande M.B.**, NagabhushanP, Muralidhar L. Hedge, T. S. Sathyanarayana Rao, Vengamma B, Jagannatha Rao K.S.; Neuro Scientist Association 10th Annual Conference; 26th – 27th July 2003; Thurupathi Andhra Pradesh, India.
30. *Sample Identification based on Zonalization and Distribution to understand the Degree of Affinity towards Normal /Abnormal: A Case study on Diabetic Patients;* **Sanjay Pande M.B**, Nagabhushan P, T. S. Sathyanarayana Rao, Jagannatha Rao K.S., Basvana Gowda. H.; Annual Conference of Association of Physicians of India, Karnataka Chapter, 9th-11th May 2003, Organizer: XXI KAPICON 2003, A.P.I. Mysore Chapter.

31. *Analysis of Affiliation of a sample to a reference base through various distance computations*, **Sanjay Pande MB**, Nagabhushan P, Jagannatha Rao KS; Fourth National Conference on Recent Trends in Advanced Computing; FEB 7th – 8th, 2003 NCRTAC; Organizer: Dept. of Computer Science and Engg. Thirunelveli Tamilnadu, India.
32. *Data Mining as a Tool to Understand Sexual Disorders: A Case Study of 500 Women Samples*. **Sanjay Pande M.B**, Nagabhushan P, T S. Sathyanarayana Rao, Jagannatha Rao KS, and Indian Psychiatric Society Conference Theme: Mind & Sex IPSOCON 2002 Nov 29th-30th& Dec 1 2002. Organizer: Indian Psychiatric Society Karnataka chapter. India
33. *Parametric analysis for the estimation of affiliation of a sample to reference base*, **SanjayPande M.B**, Nagabhushan P, Jagannatha Rao KS; National Conference on Scientific Applications and Information Technology November 22nd& 23rd 2002, Innovations 2002: Pune: Organizer: CSI-PUNE, India.
34. *An Epidemiological study of Desire Disorders in Women*; Satyanarayana Rao TS, Vasumathy S Rao, Raghunath Guptha , Rajesh Raman, GururajUrs, Marutham P, Basavaraju M, **Sanjay Pande MB**; Annual Indian Psychiatric Society Conference; ANCIPS Jan 3th -5th , 2002.

F. Teaching Experience

SL. No.	Institute	Position Held	Year
1	G M Institute of Technology, Davangere	Professor	3 rd June 2017, onwards
2	G M Institute of Technology, Davangere	Professor & Head	2 nd Feb 2015 to 31 st July 2016
3	Sampoorna Institute of Technology & Research SITAR, Belakere, Channapatna-562160	Dean & Professor	1 st August 2014 to 31-Jan 2015
4	Sampoorna Institute of Technology & Research SITAR, Belakere, Channapatna-562160	Principal	(After-Noon) 21 st Nov 2012 to 31 st July 2015
5	Vidya Vikas Institute of Engineering and Technology, Mysore	Professor & Head	18 th Forenoon of Nov 2010 to 21 st Nov 2012 (Fore Noon)
6	GSSS Institute of Engineering for Technology for Women, Mysore	Professor & Head	August 2005 to Nov 18 th 2010.
7	Sri Jaya chamarajendra College of Engineering, Mysore	Lecturer	March 2004 to July 2005
8	Department of Studies in Computer Science, Manasa gangothri, Mysore	Lecturer	Sep 2000 to February 2004
9	Mahajana Education Society ®, Mysore MCA Course	Visiting Professor	July 1999 to Jan 2000
10	Mahajana Education Society ®, Mysore Pre-University College	Lecturer	Jan 1999 to July 1999
11	National Institute of Engineering Mysore	Lecturer	October 1998 to Jan 1999
12	Dharma Prakash D.Banumaih's Science College	Lecturer	Sep 1997 to March 1998

G. List of Seminars and Symposia attended in connection with research work of the project:

1. Fingerprint Recognition with Pressure Sensing Technology, March 5th& 6th March 2008, Organizer Department of computer Science & Engg. RV college, Bangalore
2. 56th Annual National conference of the Indian Psychiatric Society, (ANCIPS), 8th -11th, Mysore, Karnataka, India
3. Conference “Theme: A One day Event Where Knowledge & Stress are released” conducted on 2nd May 2007 held at G.S.S.S.I.E.T. for Women, Mysore under Department of Computer Science and Engineering, Mysore.
4. TANTRA GANANA 2005 on Oct-26 & 27 Conducted in G.S.S.S.I.E.T. for Women, Mysore Under Department of Computer Science and Engineering, Mysore
5. 68th Annual Conference of IADVL K-T Branch May 8th -9th, DERMIS-04, Organizers: Mysore Dermatology Society, Mysore, and Karnataka, India.
6. Annual Conference on Indian Concepts of Mental Health, 22nd-23rd Aug 2003. Organizer: Department Dept. of Psychiatry, JSS Medical College Hospital, Mysore 570004, India
7. Neuro Scientist Association 10th Annual Conference; 26th – 27th July 2003; Thurupathi Andra Pradesh, India.
8. Second National Conference on Document Analysis and Recognition:[NCDAR-2003 12th and 13th July 2003; Organizers: Department of Computer Science and Engineering, P.E.S. College of Engineering, Mandya, Karnataka, India and Department of Studies in Computer Science, University of Mysore, Mysore.
9. Annual Conference of Association of Physicians of India, Karnataka Chapter, 9th-11th May 2003, Organizer: XXI KAPICON 2003, A.P.I. Mysore Chapter.
10. Fourth National Conference on Recent Trends in Advanced Computing; FEB 7th – 8th, 2003 NCRTAC; Organizer: Dept. of Computer Science and Engg. Thirunelveli Tamilnadu, India.
11. XXXVIII National Convention 2003, Computer Society of India, 11th -13th, 2003, Theme: Information, Computers and Telecommunications (ICT) for Prosperity of Mankind; Indian Institute of Technology New Delhi.
12. Symposium “Networks and Behavior 2003 “Jan 03-06 2003, under National Center of Biological sciences. TIFR, Bangalore, India

13. Indian Psychiatric Society South Zone Annual Conference Theme: Mind & Sex IPSOCON 2002 under the auspices of: Indian Psychiatric Society IPSOCON 2002 Nov 29-30 & Dec 1 2002, Karnataka chapter. India
14. National Conference on Scientific Applications and Information Technology November 22nd & 23rd 2002, Innovations 2002: Pune: Organizer: CSI-PUNE, India.
15. Annual Indian Psychiatric Society Conference; ANCIPS Jan 3th -5th, 2002.
16. International Conference on Medical Informatics, Nov 23-25 2001, Organizer: Information Technology Division, Institute of Public Enterprise; Osmania University Campus, Hyderabad, 500 007, India.
17. National Conference on Document Analysis and Recognition: [NCDAR-2001] 13th and 14th July 2001; Organizers: Department of studies in Computer Science and Engineering, P.E.S. College of Engineering, Mandya , Karnataka, India.
18. UGC Sponsored National Conference To create awareness among youth in the field of computers and Information Technology; NCCIT-2001; 24-25 Sep 2001; Kilakarai, Tamilnadu.
19. Conference on INDO-US symposium on “BRAIN RESEARCH” Under the auspices of INDO-US science & technology forum Organizer: NBRC National Brain Research Organization (an autonomous institute of department of biotechnology), during Jan 12-16; 2001, Venue: INSA Delhi, India.
20. HIPC 7th international conference on High Performance on High Performance Computing. Bangalore, India, December 17-20, 2000.

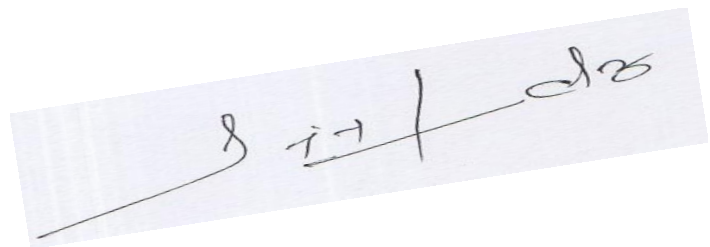
H. Students Guided (M Phil): *Thirty-Five students as on Oct 2013.*

H.1. PG / UG (Selected List only)

1. **Ms. Monica MB, Karishma Taj, Harshitha CP, Geetha GL,** A Classifier To Cluster Students Based On Result, GM Institute of Technology, Davangere, 2016.
2. **Ms.Sushmitha GP, Ms.Devika TR, Ms.Akshatha KR, Ms.Anju DR,** An Algorithmic Model for Computing Flood Vulnerable Index. Case Study: Kosi River, GM Institute of Technology, Davangere, 2016.
3. **Ms.Shruthi G., Ms.Namitha M., Ms. Chandana V., Ms.ShwethaR.Prasad,** Video Based Smoke Detection, GSSS Institute of Engineering &Technology, Mysore, 2009.
4. **Ms.Harshini A., Ms.Anupama S.,** Steganography, GSSS Institute of Engineering & Technology, Mysore, 2009.

5. **Ms.Divya V., Ms. Shilpashree S., Ms.Archana S. Murthy**, BE, Graphamic Analysis of Language, GSSS Institute of Engineering & Technology, Mysore, 2009.
6. **Ms. Suchithra**, Graphamic Analysis of Language, BE, GSSS Institute of Engineering & Technology, Mysore, 2008.
7. **Ms. Chaitra S., Ms.Deepa P.B., Ms. SyedaMisba**, Quantization of Food products at CFTRI by Using Experts' Knowledge, GSSS Institute of Engineering &Technology, Mysore, 2008.
8. **Ms. Achala P, Ms Sara Shameem, Ms. Sayeda Umera Almas & Ms. Sunitha Y P**, BE, Project Management System, Veriton Software Solutions, Mysore, 2007
9. **Ms. Ashwini S Kulkarni, Ms. Divya R, Ms. Preethi S and Ms. Priyanka Premkumar**, Computer Science &Engg. Decision Making From A Database Of Depressive Disorder (Mood-Disorder) Using Algorithmic Model Acharaya Institute of Technology, Bangalore, 2006
10. **Mr. ShivaKumar G**, M.Tech , Skin Lesion Classification Using Image Processing Technique, Sri JayaChamarajendra College of Engineering, Mysore, 2005.
11. **Mr. Rajkumar**,M.Tech, Feature Extraction For Dataset Classification: A Case Study on Mood Disorder, Sri JayaChamarajendra College of Engg. Mysore 2005.
12. **Mr. Pridvi Raj MSB** M.Tech Algorithm for Classifying Signals related to Brain Functioning (EEG), Sri Jaya Chamarajendra College of Engineering, Mysore 2005.
13. **Mr. Pradeep S** MCA, Quantization as a tool for categorization of Samples [Mental Health Care], Sri Jaya Chamarajendra College of Engineering, Mysore 2005.
14. **Mr. Arun Kumar VMS** MCA Order Management and order entry of an Online Document Management System, Sri Jaya Chamarajendra College of Engineering, Mysore 2005.
15. **Mr. Natraju YS** MCA Algorithmic Design Model as a Tool for Diagnosing, Patients, Sri JayaChamarajendra College of Engineering, Mysore 2005.

I. Ambition: *To be Unique.*



[Dr. SANJAY PANDE MB]