CURRICULUM VITAE

Prof. G. HEMANTHA KUMAR
VICE CHANCELLOR
UNIVERSITY OF MYSORE

UNIVERSITY OF MYSORE,

MANASAGANGOTHRI

MYSORE

KARNATAKA-570006

CONTACT INFORMATION:

Phone   : +91- 821- 2419300 / 2419268/2419469
Fax   : +91- 821- 2419329
Mobile   :
E-mail   : ghk.2007@yahoo.com
               vc@uni-mysore.ac.in

PROFORMA

Sl. No.	Particulars	Details
1	**Name**	Prof. G. Hemantha Kumar
2	**Date of Birth**	21st May 1959
3	**Address for Communication**	Vice Chancellor Bungalow, University of Mysore Mysore – 570 009, India
4	**E-mail & Mobile No.**	ghk.2007@yahoo.com **vc@uni-mysore.ac.in** +91-9845113623
5	**Educational Qualification**	➢ **M.Sc-1986-1988** (**Computer Science**), University of Mysore, Mysore. ➢ **Ph.D-1994- 1998**, Doctorate degree in **Computer Science under the faculty of Science & Technology**, University of Mysore in the year 1998.
6	**Experience:-** **a)Teaching** **b)Research** **c)Administration**	➢ 33 Years of Teaching ➢ 17 Years of Research ➢ 13 Years of Administration
7	**Publications**	Total Number of Research Papers as on August 2020 –448 papers **[Citations –1446, H-Index –24, i10-Index –45]**
8	**Award & Recognition**	➢ Nominated for the prestigious award "*Millennium Plaques of Honour*" by The Indian Science Congress Association for lifetime contribution to the development of Science and Technology in the country by the Honorable Prime Minister of India.(This is the highest and the most prestigious national recognition by the Government of India) ➢ **Upadhyaya Samman State Level Award** In the recognition of the services to the society and excellence in Education and Social Field from **Upadhyaya Moodubelle Art Foundation.** ➢ **Teachers day Award** for the best teacher from **Lions Rotary Club**, Mysuru.
9	**Membership of Professional Body/Organization-National and International level**	➢ Indian Science Congress Association ➢ Computer society of India-CSI ➢ Member of ISTE

Prof. G. HEMANTHA KUMAR
VICE CHANCELLOR - UOM

Executive Summary

PRELIMINARY

Sl No.	Particulars	Details
1	Name	Prof. G. Hemantha Kumar
2	Date of Birth & Age	21 may 1959, 60 Years
3	Present Work & Designation	Vice Chancellor, University of Mysore Mysore, Karnataka-560076
4	Caste	Category-1
5	Mobile	
6	E-mail	ghk.2007@yahoo.com,

PROFESSIONAL EXPERIENCE

Sl No.	Designation	University/Institution	Location	From	To
1	Professor	Department of Studies in Computer Science, University of Mysore, Mysuru	Mysore	2007	2018
2	Chairman	DoS in Computer Science , University of Mysore	Mysore	2004	2006
3	Chairman	DoS in Computer Science , University of Mysore	Mysore	2007	2009
4	Chairman	DoS in Computer Science , University of Mysore	Mysore	2010	2012
5	Chairman	DoS in Computer Science , University of Mysore	Mysore	2012	2014
6	Sectional secretarary	103rd Indian science Congress "Pride of India Exhibition"	Mysore	2015	Sectional secretarary
7	Chief Co-ordinator (Administration)	Vignyan Bhavan, UoM Mysore	Mysore	March 2009	Till date
8	Co-Ordinator	e-Governance, UoM	Mysore	2011	Till date
9	Co-Ordinator	High performance Computing(HPC)	Mysore	2011	Till date
10	Co-Ordinator	Information Communication division (ICD)	Mysore	March 2008	Till date
11	The Director	International Centre, University of Mysore	Mysore	2015	2017

12	Co-Ordinator	Huanghuai University , twinning degree Programme	Mysore	2008	Till date
13	Co-Ordinator	Computer Awareness Programme	Mysore	2002	2005
14	Honorary Secretary	Computer Society of India(CSI)	Mysore	2000	2001
15	Member , Organizing Committee	NCDAR - 2001	Mandya	2001	2001
16	Co-Ordinator	Short Term Courses, ISTE	Mysore	2001	2001
17	Chairman	Computer Society of India(CSI)	Mysore	2003	2004
18	Placement In charge	DoS in Computer Science	Mysore	March 1999	March 2004

EDUCATIONAL QUALIFICATION

Sl No.	Educational Qualification	University/Institution	Month & Year	Subject
1	Ph.D	UoM, Mysore	1997	Image processing, Pattern Recognition
2	M.Sc.	UoM, Mysore	1989	Computer Science
3	B.Ed.	UoM, Mysore	1984	Physics, Mathematics
4	B.Sc	UoM, Mysore	1980	Physics Computer science Mathematics

KEY CONTRIBUTIONS: IN TEACHING

Sl No.	Area	Key contributions.
1	Teaching	27 years of Post Graduate teaching experience.
		17 years of Administration experience in various sectors of University.
		Working as an active member in curriculum design.
		Motivating and Inspiring the students to become Global citizens
		Adoption of ICT tools in teaching.
		Creating a safe and cooperative environment for students
		Data to track and promote collaborative inquiry and practices
		Lesson/Course Material Preparation for distance Learning

Prof. G. HEMANTHA KUMAR

KEY CONTRIBUTIONS: AT NATIONAL LEVEL

5

Sl No.	Area	Key Contributions
1	UGC Expert Member (University grants Commission	Expert member for conducting National Eligibility Test (NET) and Junior Research fellowship
2	Visiting professor	To deliver lectures at various universities across India
3	SLET	Board of Member for State Level eligibility test (SLET) Maharashtra Government since 2002.
4	BOA	Board of Appointment Member to various Universities in Karnataka and other states.
5	Member	International advisory board NIRSA, Hyderabad.
6	Member	Expert member of AICTE and UGC commissions.

KEY CONTRIBUTIONS: AT UNIVERSITY LEVEL

Sl No.	Area	Key Contributions
1	Chief, Co-Ordinator, (Administration), Vignyan Bhavan University of Mysore, MYSURU.	Establishing first of the State-of-the art laboratory of worth **Rs 30 Crores.**
		Conducted various Training programmes/ Workshop/ Seminars since 2011.
		Have played major role in successfully executing the 100 Crores project.
		As overall administrator from past five years I have carried out various activities
2	Co-Ordinator, Information Communication division (ICD)	Was responsible in setting up campus wide wireless networking
		Setting up of centralized data centre connectivity
3	Co-Ordinator, Chinese programme, DoS in Computer Science, UoM.	First of its kind to start & initiate Twinning degree concept for B.Tech programme.
		Designed and sucessfully implemented the following programs at University of Mysore ➢ B.Tech (Information Technology) & (Software engineering) ➢ MS (Information Technology) & (Software engineering)
		Anually a revenue of One crore is being genertared from this **twinning degree program**
		Successfully implemented program with Hunaghuai University & Wuhan University, CHINA

4	**Co-Ordinator, e-Governance University of Mysore , MYSURU**	Responsible in transforming the University administrative procedures from paper based to paperless office by **4 Crores**
		Automation of admission process first of its kind in Karnataka state
		Automation and Integration of all administrative process,
		Co-ordinator of Information Technology by University of Mysore to Govt. of Karnatka to initiate and Mobilize all IT issues with Govt. of Karnataka till date.
5	Co-Ordinator (Implementation), High Performance Computing (HPC), UoM, Mysuru.	Responsible for setting up High Performance Computing Lab at University of Mysore first of its kind in Karnataka – **5 Crores**
		Utilizing this facility we were able to publish around 20 papers.

KEY CONTRIBUTIONS: RESEARCH AND PUBLICATIONS

Sl No.	Area	Particulars	Remarks
17 years of Research experience			
1	Ph.D Supervision	17 Students awarded Ph.D	7 under supervision
2	M.Sc Tech (by Research)	04 students have been awarded degree	
3	Research collaborations	➢ Prof. Xiaopeng Zhang, Chinese Academy of Science, Beijing, China. ➢ Prof. Bhattacharya, Indian Institute of Technology, Bombay ➢ Dr. Palaiahnakote Shivkumar, University of Malaya,Malayasia. ➢ Prof. Nagesh B K, Oman State University, Oman. ➢ Dr. Tian Jipeng, Zhengzhouian Technical University, China ➢ MILES Project with University of Barcelona, Spain.	
4	Research Projects as Principal Investigator	Major funded Projects from AICTE, UGC & DIETY to tune of more than Rs. 1 crores.	Timely Completion
5	Research publications	Articles have been published in repute Journals/ conference	Have published more than **331 Papers**.
6	Referee/reviewer	For several International Journals, conferences, symposiums and workshops	Till date

7	Editorial Board	For several national and International Journals	Till date
8	International Exposure	- Geneva-Italy, To deliver Technical Talk on Pattern Recognition and Image Processing. - Had been to Naples to present Technical paper. - Visited Naples University to discuss collaboration under cutting edge research. - KHARTOUM – SUDAN Had been to the University of Medical Science and Technology. - MOSCOW – RUSSIA, as a team member of Bilateral Indo-Russia Workshop. - Oman-UAE, Had been to Oman state University, Sultanate of Oman for assessing the programs to grant Research centre. - Indo- Europe MILES Project with University of Barcelona, Spain.	2003 -2018
9	Participation in Seminars/Conferences	Actively participated and presented papers in seminars/conferences	Till date
10	**Research Contributions**	1. **Machine Learning** 2. **Image Processing** 3. **Research Advances in Biometrics** 4. **High Performance Computing**	
11	Research citation Index	**Citations –1446,** **H-Index –24,** **I10-Index –45.**	15-05-20

CURRICULUM VITAE

DR.G HEMANTHA KUMAR
M.Sc (Computer Science), Ph.D (Computer Science).
(Professor of Computer Science)

Professor, Department of Studies in Computer Science

Director, International Center, University of Mysore

Chief Co-Ordinator, (Administration), Vignyan Bhavan

Co-Ordinator, e-Governance & High performance Computing (HPC)

Co-Ordinator, Information Communication division (ICD)

UNIVERSITY OF MYSORE,
MANASAGANGOTHRI
MYSORE
KARNATAKA-570006

Contact Information:

Phone   : +91- 821- 2419300 / 2419268/2419469 (Off)

Fax   : +91- 821- 2419300

Mobile   : +91-9845113623

E-mail   : ghk.2007@yahoo.com
              hemanthakumar@uni-mysore.ac.in

Current positions at University of Mysore (Administration/Academics/Research)

Chief Co-Ordinator, (Administration), Vignyan Bhavan from the Year 2009.
(A multidisciplinary project of Rs 100 Crores from MHRD and 50 Crores from UGC for supporting advanced research)

- The project was awarded by **Ministry of Human Resource Development (MHRD), Government of India** to the University of Mysore elevating it to the status of **Institution of Excellence** in the theme area of Bio-diversity, Bio-prospecting and Sustainable Development has been instrumental in identifying the knowledge resources and in creating knowledge bank.

- The project was a multidisciplinary project involving expertise from various branches of science and has been established and executed from the year 2009. As overall administrator for past five years I have carried out various activities and have played major role in successfully executing the **100 Crores** project.

- Was responsible for establishing first of the State-of-the art laboratory and national facility lab suitable for conducting diverse research on flora and fauna in Western Ghats.

- Have successfully involved in executing **NMRE lab, GENOMIC LAB** and other labs at Vignyana Bhavan which are helping young researchers and Scientists from and around the country to conduct latest research.

- Conducted various Training programmes/ Workshop/ Seminars since 2011.

- Around **40 Research scholars** have been awarded **Ph.D** and have published more than **150 reputed journals/conference papers**.

Co-Ordinator, Information Communication division (ICD)

The department acts as central processing system for all Information technology related activities like maintaining campus wired and wireless network, Web server and Mail server.

- Was responsible in setting up campus wide wireless networking (It makes me proud and happy that University of Mysore is the first university which has connected the entire **5km** University campus using **100ft Triangular tower** with carrier class wave, through MIMO Technology).

- Setting up of centralized data center connectivity to manage wired network within the campus with 10GBE Connectivity.
- **This network is the largest network amongst all other universities network.**

Co-Ordinator, Chinese Programme from 2008 till date

- **Designed and implemented the following programs at University of Mysore in collaboration with Wuhan University & Huanghuai University, China**.
    - **B.Tech (Information Technology) & (Software engineering)**
    - **MS (Information Technology) & (Software engineering)**
- First of its kind to start & initiate **Twinning degree concept** for B.Tech programme.
- Has played vital role in getting approved the statutes to run the programme from the Ministry of Education, Government of Karnataka and Ministry of Education, China.
- **Anually a revenue of One crore** is being genertared from this **twinning degree program** and till now around **1000 stsudents** have been awarded Bachelor and Masters Degree.

Director, International Center from 2015 to 2017

- Responsible for coordinating all the International affairs of the University.
- Responsible for setting up good relation with international community to attract more than 1300 stduentd from 50 diffrent countries.
- Coordinating with foreign universities and embassy for smooth running of the programs at the University.

Co-Ordinator, e- Governance for a (5 CRORE PROJECT)

The project has been implemented as part of the grants received from University of Grants Commission towards the University of potential Excellence tag (UPE).

- Responsible in transforming the University administrative procedures from paper based to paperless office.
- Responsible for creating a Requirement Analysis Document and preparing blue print of the project which turned into reality.
- Automation and Integration of all administrative process, financial statements, asset management and Human resource management.
- Development of LMS (Learning Management System) and online materials.
- Automation of admission process first of its kind in Karnataka state.

- ➤ **Also Co-ordinator of Information Technology by University of Mysore to Govt. of Karnatka to initiate and Mobilize all IT issues with Govt. of Karnataka**.

Co-Ordinator (Implementation), High Performance Computing (HPC) for a (5 CRORE PROJECT)

The project has been implemented as part of the grants received from University of Grants Commission towards the University of potential Excellence tag.

- ➤ **Responsible for setting up High Performance Computing Lab at University of Mysore first of its kind in Karnataka.**
- ➤ The lab facilitates research forscholars and faculty members to carry out cutting edge research in the field of computer science and other multidisciplinary branches.
- ➤ **Utilizing this facility we were able to publish around 20 papers.**

ACCOMPLISHMENTS IN BRIEF

PROF. G. HEMANTHA KUMAR

M.Sc.(Computer Science), **Ph.D** (Computer Science).

- Over three decades of Research and Teaching experience at various capacities from, Lecturer, Reader, Professor and Chairman at **Department of Studies in Computer Science, University of Mysore, Mysore, India**.

- Research funding from different funding agencies such as University Grants Commission **(UGC),** Ministry for Human Resource Development **(MHRD),** Department of Electronics and Information Technology **(DIETY)**, All India Council for Technical Education **(AICTE)** to the tune of more than crores. He has also participated in **Indo-China**, **Indo-France**, **Indo-Russia** and **Indo- UAE** collaborative research works.

- Member of Computer Society of India **(CSI) & IAPR.**

- Member of Indian Science Congress Association **(ISCA) & also served as sectional secretarary for organizing and conducting "Pride of India "Exhibition at University of Mysore with a great success.**

- Has been the key person in designing the B.Tech and MS (Information Technology) **Twinning degree programs for Chinese Universities**. Every year around 75 Chinese students gets admitted to this course.

- **Professor Hemantha Kumar** has involved in foreign research assignments like, **Visiting Professor/Invited Expert/ visiting scientist** to deliver lectures and research collaboration at various prestigious institutes in India and Abroad.

- He has delivered many key note and inaugural addresses in many seminars and conferences. He has also delivered invited/ plenary/ technical lectures at different Universities of the country as well as Research Institutes and also in many Foreign Universities and Institutes.

- **Professor Hemantha Kumar** has made original contributions in the area of Image Processing and Pattern Recognition. His papers are published in reputed journals such as International Journal of Pattern Recognition Letters **(IJPRL)**, Journal of Pattern Recognition **(JPR)**, Journal of Document Analysis and Recognition, Journal of Image and Vision Computing, IEEE Transactions on Neural Networks and International conference on Document Analysis and Recognition **(ICDAR).**

- **Professor Hemantha Kumar** has published more than **250** research papers in national and international peer reviewed journals and presented more than **100** research papers in national and international conferences.

- **Professor Hemantha Kumar** has guided 13 Ph.D., 4 M.Sc Tech (by research) candidates and currently **8 Ph.D** candidates are working under his guidance.

- He has organized and chaired many **National/ International level workshops/ Conferences/ Interaction meetings**.

- He has served as Coordinator for two important Departmental Major Projects such as DST and AICTE programmes.

- **Hemantha Kumar** has served/ serving as Member of many National Committees.

- At the University level also **Hemantha Kumar** has served/ serving in many important committees related to **Administration**, **Academic, Financial, Planning Etc.**

- **Countries Visited**

  Sweden, Italy, France, Sudan, Singapore, Hong Kong, UAE, Dubai, China, etc.

Personal Details

Name	: **Dr. G. Hemantha Kumar**
Official Address	: **PROFESSOR** Dept. of Studies in Computer Science, University of Mysore, Manasagangothri, Mysore-570006, India. Phone No. 091-821-2510789 Fax No. 091-821-2510789
E-mail	: ghk.2007@yahoo.com hemanthakumar@uni-mysore.ac.in
Residential Address	: # 77, Sauhakar Chenniah Road, T. K Layout, Near Maruthi Temple Mysore – 570 009, India Phone No: 91-0821-2419300 Mobile: 98451-13623
Date of Birth	: 21st May 1959
Category	: **Category-1 (MOST Backward Category)** **(24 MANI TELUGU CHETTIAR)**

1. EDUCATION DETAILS

- **B.Sc.; 1977-1980** (Computer Science), University of Mysore, Mysore.

- **B.Ed.; 1983-1984** (Physics & Mathematics), University of Mysore, Mysore

- **M.Sc.; 1986-1988** (Computer Science)), University of Mysore, Mysore.

- **Ph.D.; 1994- 1998**, Doctorate degree in Computer Science from University of Mysore in the year 1998.

  Title: "On Automation of Text Production from Pitman Shorthand Notes"

  (Pattern Recognition Algorithms for the Recognition of Simple Phonetic words)

  Research problem involves the development of Pattern Recognition, Image Processing, Graph Theory; Automata based algorithms to recognise simple Shorthand Patterns. This work also involves the use of Database and creation of Knowledge base.

2. ACADEMIC/ RESEARCH POSITIONS

- **Lecturer** (1984-1999) at DOS in Computer Science, University of Mysore, Mysore.

- **Reader** (1999-2007) at DOS in Computer Science, University of Mysore, Mysore.

- **Professor** of Computer Science since June 2007 to present at DOS in Computer Science, University of Mysore, Mysore till date.

- **Chairman**, DOS in Computer Science, University of Mysore, **January 2004 to December 2006, January 2007 to April 2014**.

- **System Co-Ordinator, Information Communication Division**, University of Mysore, since March 2008 till date.

- **Chief Co-Ordinator (Administration), Vignyan Bhavan** , University of Mysore, Mysore, since March 2009 till date

- **Directo**r International Center, University of Mysore from January 2016.

- Supporting the Dept. of studies in Computer Science, University of Mysore as **Placement In charge since** March 1999 till June 2004.

- Worked as **Honorary Secretary of Computer Society of India (C.S.I)** Mysore chapter during 2000-2001.

- Worked / Working as a member **of Board of Examiners for P.G and U.G Computer Science examinations,** University of Mysore and many other Universities in India.

- Participated in Curriculum Revision activities of **B.Sc and M.Sc Computer Science**.

- Worked as **Co-Ordinator for the Computer awareness course**, for the Lecturers conducted by Academic Staff College, University of Mysore during 2002-2005.

- Worked as a **member of organizing committee** of NCDAR – 2001, Mandya.

- Worked as a **Co-Ordinator for short term course** organized by DOS in Computer Science, and Sponsored by ISTE in 2001.

- ☐ Worked as the **Chairman of Computer Society of India (CSI)** Mysore Chapter, Karnataka in 2003.

- • Working as **Expert Board member of NET – National Eligibility Test of University Grants Commission (UGC),** New Delhi since 2001.

- ☐ Working as a **Board of Member for State Level eligibility test (SLET) Maharashtra** Government since 2002.

- ☐ Worked as Governing Council member for UGC Academic Staff College, University of Mysore, Mysore.

- ☐ Worked as **Governing council** member for centre of Information Science and Technology, University of Mysore, Mysore.

- ☐ Member of International advisory board NIRSA, Hyderabad.

- ☐ Appointed as the **Board of Studies Chairman/Member** for Rani Chennamma, Karnataka State Open University, Mysore, University of Mysore, Gulbarga University, Mangalore University and other Universities.

- • Evaluated more than **100 Ph.D Candidate's theses** from various Universities in India.

- ☐ An expert member of **AICTE** commissions and **UGC** commissions.

- ☐ Assisted Karnataka State Open University in various academic and research activities.

3. RESEARCH INTERESTS

Object recognition, Feature extraction, Cluster analysis, Spatial knowledge representation, Image retrieval, Image segmentation, Character recognition, Document image analysis, Sign language recognition, Shape analysis, Text classification, Image/Video processing, Biometrics.

4. RESEARCH ACTIVITIES
Post Doctoral Research Activities

Supervised a project entitled "**Automation of Pitman Shorthand at Sentence Level"**. This work involves the recognition of Grammalogues and Phraseograms, which was not considered in my Ph. D Work.

Principal Investigator for the following below Projects

- Automation of Accurate Prediction of the Era of Epigraphical Scripts Sponsored by **University Grants Commission (UGC)** ,Government of India **(Total fund sanctioned 15 lakhs)**

- Automatic Mosaicing from Split Images of an Object Sponsored by **AICTE , Government of India ((Total fund sanctioned 15 lakhs)**

- Efficient and Robust Face Recognition System Based on Subspace Analysis Methods sponsored by **University Grants Commission (UGC)**, Government of India. (**Total fund sanctioned 15 lakhs)**

- **Major Consortium Research Project** – entitled "**Development of Dravidian WordNet: An Integrated WordNet for Telugu, Tamil, Kannada and Malayalam [EXCLUSIVE for Kannada - University of Mysore]"** funded by **Department of Electronics and Information Technology (DEITY)**, Electronics Nikethan, CGO Complex, New Delhi., is an interdisciplinary research project of five teams from five different universities and consortium head office located in Department of Computer **Science and Engineering, IIT-Bombay.** This project has been undertaken by me in the capacity of Principal Investigator above with **Prof Bhattacharya IIT-Bombay.** (**Total fund sanctioned 30 lakhs)**

5. AWARDS AND RECOGNITION

- **Upadhyaya Samman State Level Award** In the recognition of the services to the society and excellence in Education and Social Field from **Upadhyaya Moodubelle Art Foundation.**

- **Teachers day Award** for the best teacher from **Lions Rotary Club**, Mysuru.

6. ABROAD VISISTS / ASSIGNMENTS

2003-Geneva-Italy

Had been to Geneva University to Deliver Technical Talk on Pattern Recognition and Image Processing.

2003-Naples -Italy

Had been to Naples to present Technical paper at International Conference on Fuzzy Logic and Applications, held at Naples, Italy.

2003-Naples -Italy

Visited Naples University to discuss collaboration under cutting edge research in the field of machine learning and pattern recognition.

2007- Wuhan – China

➢ Visiting Faculty, Wuhan University, China

2008- Zhumadian – China

➢ Visiting Faculty Huanghuai University, China.

➢ Had been to the Huanghuai University for assessing the Programs and designing the curriculum to establish Twinning degree program in Computer Science and Technology.

2008 – KHARTOUM – SUDAN

Had been to the University of Medical Science and Technology for assessing the Programs in Computer Science and Technology.

2011- MOSCOW – RUSSIA

Had been to the University of Moscow, Moscow, Russia as a team member of Bilateral Indo-Russia Workshop.

2013- Zhengzhou – China

Had been to Zhengzhou to attend the International conference on co-operation exchange forum.

2014- Zhengzhou – China

Had been to Zhengzhouian Technological University (ZTU) to discuss about setting up joint programs for bachelor and Master Degree programs.

2015- Oman-UAE

Had been to Oman state University, Sultanate of Oman for assessing the programs to grant Research center.

2017- Swot-Sweden

Had been to University of Barcelona, prepare the agenda for the Nicosia seminar.

COUNTRIES VISITED

Germany, UK, France, Singapore, Hong Kong, Jordan, Malaysia, Thailand, UAE, Sweden, Dubai, China etc.

7. RESEARCH COLLABORATIONS

- **Prof. Xiaopeng Zhang**, Chinese Academy of Science, Beijing, China
- **Prof. Bhattacharya**, Indian Institute of Technology, Bombay
- **Dr. Pallinkote Shivkumar**, University of Malaya,Malayasia.
- **Prof. Nagesh B K**, Oman State University, Oman.
- **Dr. Tian Jipeng, Zhengzhouian Technical University, China.**
- **MILES Project with University of Barcelona.**

8. PROFESSIONAL POSITIONS HELD

- **Co-Ordinator (Administration)** for Institute of Excellence (100 Crores grant by Ministry of Human Resource and Development (MHRD), Government of India).
- **SECTIONAL SECRETARY**- for 103rd Indian Science Congress to be held at the University of Mysore in January 2016.
- **DIRECTOR,** International Center, University of Mysore.
- **Chairman**, Department of Studies in Computer Science, University of Mysore,
- **Co-Ordinator for e- governance and High performance Computing.**
- **Co-Ordinator for Chinese twinning degree programs from the year 2007.**
- Member – Academic Council, University of mysore
- **Membe**r- Faculty of Science & Technology and **Academic Council** University of Mysore.
- **Chairman**- Board of Examiners and Board of Studies in Computer Science.
- **Member in BOS and BOE** of University of Mysore and other Universities.
- Member- Faculty of Science & Technology, Engineering of other Universities.

- **Life Member, Indian Society for Technical Education (ISTE).**
- **Life Member, Computer Society of India (CSI).**
- **Life Member(L-26402), Indian Science Congress Association**
- **Life Member IAPR.**
- As a working member of All India Board (AICTE) for Computer science, applications and Information Technology.
- Professional expert/Subject expert /Accreditor / Expert member in various bodies such as UGC/AICTE/DIETY.
- Participated and participating as an expert in the selection / promotion of scientists/ Engineers, faculty (Lecturers, Readers, and Professors) for various Govt. institutes, research labs, universities and organizations.
- Chair, Co-chair, Programme Committee member for several International, National Conferences and Workshops.
- Advisory Chair, Editor for Proceedings of several International and National Conferences.
- On Editorial board of many journals.

9. **RESEARCH GUIDANCE**

- **TITLES OF Ph.D. THESES COMPLETED UNDER MY SUPERVISION:**
    - Generation of Complete Large Document Images From Split Components
    - Mosaicing Algorithm for the Generation of Well Formed Images
    - Transformation of Epigraphical Objects into Machine Readable Image Pattern.
    - An Attempt towards the Automation of Spoken English Language to its Equivalent Pitman Shorthand language.
    - An Attempt towards the Developments of Universal OCR for the Recognition of Multilingual Documents.
    - Development of Automatic Face Recognition System: Some New Approaches
    - Robust Phoneme Segmentation and Large Vocabulary Continuous Speech Recognition: Some Novel Approaches.

- Data Extraction from Preprinted Documents: Some New Approaches
- Some Robust Algorithms For Person Verification Using Multimodal Biometrics
- Some Approaches for Camera Based Text Recognition.
- Novel Algorithms for Recognition of Chinese Numerals and Frequently used Words.
- An approach towards design of Biometric system using Multiple Trait.
- Machine Learning Approaches via An Ensemble of Classifiers for Lung Nodule Diagnosis

☐ **TOPICS OF ONGOING RESEARCH WORKS UNDER MY SUPERVISION:**

- Face recognition under partial visibility.
- Detection and classification of animals.
- Multimodal Biometrics with Template Security.
- Multi-Oriented-Type Text Detection and Recognition in Multi-Lingual Environment.

Research Citations

Total Number of Research **Papers** as on July **2017 –282 papers**

[**Citations** –740**, H-Index** –14, **i10-Index** –21, **as on 018-07-2017**]

10.   **MEMBERSHIP IN ACADEMIC BODIES**

☐ Member of **Board of Examiners (BoE)** to M.Sc, and MCA degree to various Universities in India.

☐ Adjudicator of Ph.D, M. Phil and M.Tech degrees to various Universities in India.

☐ Member of **Board of Appointment (BoA)** to various Universities in Karnataka and other states.

☐ Member of the Selection **Committees (Expert).**

☐ Expert Committee Panel in Computer Science- **Government of Karnataka**

11. MEMBERSHIP IN SCIENTIFIC SOCIETIES

☐ Governing Council Member, Gopalswamy Shishu Vihara Trust, MYSORE

☐ Governing council Member, Sharada Villas Educational society, Mysore.

☐ Member, Maharaja Education Trust, Mysore.

Research Publications

1. Graph-Theoretic Interpretation and Contour Traversal Based Algorithm for Automatic Recognition of Pitman Shorthand Notation, Artificial Neural Networks and Cognitive Systems, ANCS-97, Cochin, India.

2. Automatic Recognition of Pitman Shorthand Notation using Hough Transform, International Conference on Cognitive System (ICCS'97), New Delhi, India.

3. Automatic Recognition of English words from Pitman Shorthand Notation, International Conference-IGS' 97, Italy:International Gramaphonics Society: Research on Handwriting and Drawing [IAPR].

4. Pattern Analysis and Phonetic Knowledge-base for Deciphering Phonetic Words in Pitman Shorthand, International Conference on Combinatorics, Statistics, Pattern Recognition and Related Areas, Dec 1998, Mysore.

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