CURRICULAM VITAE

1. NAME   : Dr. R.INBARAJ
2. SEX   : MALE
3. DESIGNATION   : ASSISTANT PROFESSOR
4. DATE OF BIRTH   : 05 -11-1975
5. ADDRESS FOR COMMUNICATION   :

RESIDENCE	OFFICE
6/16, Anjali Nagar First Street,	Department of CS.
Edamalaipattipudhur,	Jamal Mohamed College(A),
Trichy-620012.	Trichy-620020.
Mobile: 94430-44481	Tel: (0431) 2331535
E-mail: rimman58@gmail.com	E-mail: ri@jmc.edu

6. EDUCATIONAL QUALIFICATION   :

EXAMINATION PASSED	YEAR
B. Sc. [INDUSTRIAL ELECTRONICS]	1996
MCA.	2001
M. Phil.	2005
Ph. D.	2022

7. TEACHING EXPERIENCE   : **22 YEARS**
   - WORKING AS AN **ASSISTANT PROFESSOR** , DEPARTMENT OF COMPUTER SCIENCE, JAMAL MOHAMED COLLEGE, TIRUCHIRAPPALLI FROM **JUNE 2008** TO TILL DATE.
   - WORKED AS AN **ASSISTANT PROFESSOR** , DEPARTMENT OF COMPUTER SCIENCE, MOOKAMBIKAI COLLEGE OF ENGINEERING , KALAMAVUR (PO) , KEERANUR FROM **JUNE 2007** TO **MAY 2008**.
   - WORKED AS AN **POST GRADUATE TEACHER** IN COMPUTER SCIENCE, JAWAHAR HIGHER SECONDARY SCHOOL (**CBSE**), BLOCK -17, NEYVELI FROM **JUNE 2003** TO **MAY 2007**.
   - WORKED AS AN **ASSISTANT PROFESSOR** , DEPARTMENT OF COMPUTER SCIENCE, B.PADAMANABAN COLLEGE OF ARTS AND SCIENCE , KOZHAI, SRIMUSHNAM FROM **JUNE - 2001** TO MAY **2003.**

8. LANGUAGES KNOWN   : TAMIL & ENGLISH.

9. AREAS OF SPECIALIZATION   **:** COMPUTER NETWORKS, IMAGE PROCESSING.

10. SUBJECTS TAUGHT   **:**

    UNDERGRADUATE   **:** 1. Data Communication and Networking.

2. Digital Computer Fundamentals.
3. DBMS / RDBMS.
4. Operating System.
5. Management Information Systems (MIS).
6. Data Structures.
7. Multimedia and Its Applications.
8. Shell Programming.

    POST GRADUATE   **:** 1. Artificial Intelligence and Machine Learning.

2. Distributed Database Systems.
3. Data Science.
4. Organizational Behavior.
5. Grid Computing.
6. IOT.

11. DETAILS OF PUBLICATIONS**:**

1. Paper titled "*A Survey on Recent Trends in Content-Based Image Retrieval System*", Journal of Critical Reviews Vol.7, Issue11, June 2020. **(UGC Recommended Journal)**

2. Paper titled "*Clustering Based Medical Image Classification Using Unsupervised Vector Zone Feature Extraction (UVZF) and Intensive Pragmatic Blossoms (IPB) Classification Methods*", Journal of Advanced Research in Dynamical and Control Systems, Vol.12, No.5, 2020. **(UGC Recommended Journal)**

3. Paper Title "*Content-Based Medical Image Retrieval Using Multilevel Hybrid Clustering Segmentation with Feed Forward Neural Network*" Journal of Computational and Theoretical Nanoscience, Vol. 17 No.12, December 2020. **(UGC Recommended Journal)**

4. Paper Title "*Content Based Medical Image Retrieval System Based On Multi Model Clustering Segmentation And Multi-layer Perception Classification Methods"* Turkish Online Journal of Qualitative Inquiry (TOJQI), Vol. 12 Issue 7 July 2021. **(UGC Recommended Journal)**

12. BOOK PUBLISHED :

- **Dr. R.Inbaraj**, Dr.Neeraj Sahu and Dr. B.M.S.Rani, Principles of Pattern Recognition, 'Alpha International Publication', January -2023, **ISBN: 978-93-95978-69-9.**

13. PATENT FILED & PUBLISHED :

S. No.	Title of the Invention	Date of Filing	Publication Date
1.	Wireless Optical Pen Mouse User Input Device	19-01-2023	03-02-2023

14. ORIENTATION / REFRESHER PROGRAMME**:**

- Attended Orientation Programme on "**MOOCS and E-learning**" organized by Department of Library, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 29th January 2020.
- Attended Four Week Online Orientation Programme for "**Faculty on Universities / colleges / Institutions of higher education"** conducted by Teaching Learning Centre, Ramanujan College, university of Delhi, from 17th September to October 2021 and obtained **Grade A.**

15. WORKSHOPS / CONFERENCES / SEMINARS / FDP ATTENDED :

   (a) WORKSHOPS:

- Participated in the one day **workshop** on **"How a Teacher should be in the present scenario",** organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 3rd December 2016.
- Participated in the one day **workshop** on **"Writing Winnable Project Proposals",** organized by IQAC, Jamal Mohamed College (Autonomous), and Tiruchirapalli – 20 held on 23rd June 2018.
- Participated in the Two days **workshop** on "**Professional Development for Academic Leadership in Curriculum Design**", Curriculum Development Cell, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20, held on 18th and 19th January 2019.
- Participated in the **Staff Enrichment Programme** on "**Ownership Culture**" organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20, held on 14th June 2019.

- Attended "**Research Workshop**", organized by BIRDS (**BELL INSTITUTE OF RESEARCH AND DEVELOPMENT STUDIES**) A Division Of Bell Foods Group, Kochi, Kerala, India, from 25th June 2020 to 29th June 2020.

(b) CONFERENCES:

- Attended one day International Conference on **"Recent Trends in Computing and Communication Technologies"** organized by Dhanalakshmi Srinivasan College, Perambalur on 27th February, 2010.

- Attended one day National Level Conference on **"Network Security"** at AJK College of Arts and Science on 2nd March 2010.

- Attended two day National Level Conference on **"Innovations in IT"**, organized by Thanthai Hans Roever College, Perambalur on 5th and 6th of March, 2010.

- Participated in National Conference on **Advanced Computing** organized by PG & Research department of Computer Science, Jamal Mohamed College (Autonomous) , Tiruchirapalli -20, held on 7th March 2013.

- Participated in National Level Conference on **Advanced Computing** (**NCAC-2014**) organized by the PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous) , Tiruchirapalli -20, held on 5th March 2014.

- Participated in National Conference on Advanced Computing (**NCAC-2015**) organized by the PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous) , Tiruchirapalli -20, held on 5th March 2015.

- Participated in "**International Conference on Advanced Computing** (ICAC2015)", organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 3rd & 4th December 2015.

- Participated in One day **"National Conference on Advanced Computing"** at Jamal Mohamed College (Autonomous) , Tiruchirapalli -20, held on 15th March 2017.

- Participated in **"National Conference on Computing and Communication Technologies (NCCCT 2018)"**, organized by PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 20th February 2018.

(c) SEMINARS:

- Attended one day State Level Seminar on **"Examination Reforms"** organized by Jamal Mohamed College (Autonomous), Tiruchirapalli -20, held on 12th March, 2010.

- Participated in the one day seminar on **"Creating Competitiveness to excel in higher education – a TQM approach"**, organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirapalli -20, held on 8th December, 2010.

- Participated in the NAAC sponsored National Level Seminar on "**Quality enhancement in teaching research and extension in higher education in higher education institution – prospects and problems"** organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous) , Tiruchirapalli -20, held on 15th & 16th of April 2010.

- Attended UGC Autonomous Grant National seminar **on Examination Reforms** on 24th February 2012 held at Jamal Mohamed College (Autonomous), Tiruchirapalli -20.

- Participated in the one day seminar on **"Teaching, Learning and Research in higher education – Excellence and beyond excellence"** organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirapalli -20, held on 7th March 2012.

- Attended a webinar on "**National Education Policy - 2020"** organized by IQAC of Jamal Mohamed College(Autonomous) , Tiruchirapalli -20, held on 8th August 2020.

- Attended one day National Level Seminar on **"Big Data and Challenges"** organized by School of computer Science, Engineering and Applications, Bharathidasan University, Tiruchirapalli -23, held on 26th November, 2022.

(D) FACULTY DEVELOPMENT PROGRAMMES:

- Participated in the one day **Faculty Development Programme** on **"People Empowering People"** organized by Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirapalli -20, held on 15th December 2014.

- Participated in the one day **Faculty Enrichment Program** on **"Use of NLP Techniques in Teaching"** organized by ICTACT, Tamilnadu and Department of Information Technology, Jamal Mohamed College (Autonomous) , Tiruchirapalli -20, held on 5th March 2016.

- Participated in the three day **" NLP- Based Faculty Empowerment Programme"** organized by the Internal Quality Assurance Cell, Jamal Mohamed College(Autonomous) , Tiruchirapalli -20, held on 17th,19th and 20th June 2017.

- Participated in the **FDP** on '**E-Content Development'**, organized by the Internal Quality Assurance Cell of Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 from, 30th June-2020 to 04th July 2020.
- Attended **Five days FDP** on "**Advanced Research Methodology** : **Tools and Techniques**" organized by Bon Secours College For Women,Thanjavur-613 006, from 19th February 2022 to 24th February 2022.
- Attended **Five days FDP** on "**Innovative Teaching And Research Methods For Academic Excellence**" organized by **PG And Research Department Of Botony**, under the DBT Star College Scheme from 24th January - 2022 to 29th January - 2022.

16. ADDITIONAL RESPONSIBILITIES HOLDING **:**

- Acted as a Member in **Sports Development Committee** from June - 2014 Upto April- 2020.
- Acted as a Member of **IQAC Micro Quality Assurance cell Committee** from June - 2009 Upto April - 2020.
- Acted as an IT Department **in-charge** for **SPORTS** (March Past and Events), NIRF, NAAC and Department Academic Auditing - (Shift-I - MEN) from June - 2009 Upto April - 2020.
- Acted as an **Additional Chief Superintendent** for Autonomous Examinations Conducted by, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20, from June - 2018 Upto April - 2021.

17. RESOURCE PERSON **:**
- Acted as a Resource Person for MCA and PGDCA. -   Bharathidasan University (CDE)
- Acted as a Resource Person for MCA. - Annamalai University(CDE)
- Acted as a Resource Person for BA- History, for delivering a special lecture on Computer Literacy on 14th September 2021
- Acted as a Resource Person for B.Sc – Physics (Women), for delivering a special lecture on Computer Literacy on 14th September 2021.
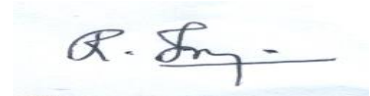
18. MEMBERSHIP IN PROFESSIONAL BODIES **:**
- Life time Member in **'** The Society of Digital Information and Wireless Communications**'**.

- Member in Computer Science Teachers Association (CSTA) Member ID: 198358014115.

19. COUNTRY VISITED **:**

Malaysia, Thailand.

I certify that the information given above is true, complete and correct to the best of my Knowledge and belief.

R. INBARAJ