

**Name: Dr. J. Frank Ruban Jebaraj**

**Designation: Associate Professor**

**Department: MCA**

**Date of Joining: 03.07.1997**

**Phone with Extn. No: 0452- 2530070 -**

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**Educational Qualification:**

| Degree    | Subject                      | College / University & Place      | Year Completed |
|-----------|------------------------------|-----------------------------------|----------------|
| B.Sc      | Special Physics              | The American College              | April 1991     |
| M.Sc      | Physics                      | The American College              | April 1993     |
| P.G.D.C.A | Computer Applications        | The American College              | June 1994      |
| M.C.A.    | Computer Applications        | Madurai Kamaraj University        | April 2005     |
| M. Phil   | Computer Science             | Madurai Kamaraj University        | May 2007       |
| Ph.D      | Virtual Reality Applications | Bharathidasan University, Tiruchy | October 2018   |

**Specialisation in Teaching:**

1. Digital Principles & Computer Organization
2. Microprocessors & its Applications
3. Systems Analysis & Design
4. Software Engineering
5. Data Mining & Warehousing

**Specialisation in Research:**

1. Virtual Reality Applications
2. Data mining

**Research Interests:**

Research Scholar from 2013 to 2018 at the Bharathidasan University in part time.

Awarded doctorate of Philosophy in Computer Science on 09<sup>th</sup> of October, 2018.

**Other Work Experience:**

| <b>Designation</b>     | <b>Institution / Company</b>           | <b>Year - From (month/year) To (month/year)</b> |
|------------------------|--|---|
| <b>Systems Analyst</b> | <b>A.F. Fergusons &amp; Associates</b> | <b>May, 1995 to May, 1996</b>                   |
|                        |  |   |

**Administrative /Academic Position/s (held/currently holding):**

| <b>Positions held / currently holding</b>                       | <b>Year - From (month/year) To month/year)</b> |
|---|--|
| <b>Director – PG Data Science</b>                               | <b>2020 June -</b>                             |
| <b>Head – Information Technology</b>                            | <b>January, 2015 to till now</b>               |
| <b>Warden - Zumbro Hall.</b>                                    | <b>January, 2009 to June, 2015</b>             |
| <b>Director, Campus Information System.</b>                     | <b>2009 to 2012</b>                            |
| <b>Choir Director, College programmes.</b>                      | <b>2009 to 2011</b>                            |
| <b>Member in college committee for NAAC.</b>                    | <b>2010 to 2015</b>                            |
| <b>Co-ordinator, ICT Academy.</b>                               | <b>2014 to till now</b>                        |
| <b>Academic counselor for the IGNOU BCA and MCA programmes.</b> | <b>2000 -</b>                                  |
| <b>Chairman Board of studies for B.Sc. (IT)</b>                 | <b>2015 -</b>                                  |
| <b>Autonomy Co-ordinator, UG.</b>                               | <b>2000 to 2005</b>                            |
| <b>Autonomy Co-ordinator, PG.</b>                               | <b>2005 to 2010</b>                            |
| <b>Association President, UG</b>                                | <b>1998 , 2005</b>                             |
| <b>Association President, PG</b>                                | <b>2009 -</b>                                  |

**Membership in Professional Bodies:**

1. A Peer Team member for NAAC.

2. Chairman Board of studies for B.Sc. (IT)
3. Academic counsellor for the IGNOU BCA and MCA programmes.
4. Member Board of Studies for the Post Graduate Computer Science and IT related subjects, nominated by the Madurai Kamaraj University, Madurai.
5. The Chief Examiner for the U.G Computer Science board, appointed by the Madurai Kamaraj University, Madurai and served for little more than a decade.
6. The Additional Examiner for the MCA board, appointed by the Madurai Kamaraj University, Madurai and served for nearly twenty years.
7. Reviewer, International Journal
8. Editor, Digital Transformation Proceedings
9. Book Writer
10. Resource person, State level Seminar.

**Publications:**

**Books:**

1. “Computer 2001” – a hot seller – Published by ADDONE Publishers.
2. “Computers made easy for all” – a hot seller – Published by ADDONE Publishers.

**Articles Published in International Journals:**

1. **“Framework For Improving Access To VR Environments For Citizens With Debilities”**, published in IOSR Journal of Computer Engineering ,Vol.17,Issue 5, September – October. 2015

2. **“A Framework For Desktop To improve VR in Education”**, published in IIR-JOCSE Journal of Computer Science and Engineering, Vol.17, Issue 5, September – July 2016.

3. **“E-Training using Virtual Reality based Three-Dimensional Web” (In Outsourcing Industry of Manufacturing Structural Components)**

published in IJCER International Journal of Computational Engineering Research, ISSN (e): 2250 – 3005, Volume, 07, Issue, 11, November – 2017.

4. **“Learning & Development in Times of Digital Transformation: Facilitating a Culture of Change and Innovation”** published in the proceedings of the International Conference on Digital Transformation, ISSN:

#### **Articles published in National Journals:**

1. **Mining Clickstreams for Web Personalisation**
2. **Mining Web Browsing Patterns for Web Logs.**
3. **Voice scan biometrics**
4. **Ambient Intelligence**
5. **Digitization of Library: Enhancing Reading Culture.**

#### **Conference/Seminar Presentations:**

##### **International Conference Participated:**

Recent Trends in “Big Data ”, School of Computer Science, Madurai Kamraj University, Madurai.

Current Trends in “ Artificial Intelligence & Big Data ”, School of Computer Science, Madurai Kamraj University, Madurai

“Artificial Intelligence and its impact on society”, ECC, Whitefield, Bangalore.

##### **International Seminar Participated:**

“Recent Trends in Computational Intelligence Techniques for Big Data Analysis”, PSNA College of Engineering & Technology, Dindigul – 624 622

##### **National Workshop participated :**

“Research Trends in Grid Computing” on 13<sup>th</sup> March 2010 at Kalasalingam University.

**Lectures /Talks given:**

**Awards / Fellowships:**

**Doctoral Students**

**Completed:**

| Name of the student | Title of the thesis |
|---------------------|---------------------|
|                     |                     |
|                     |                     |

**Ongoing:**

| Name of the student | Title of the thesis |
|---------------------|---------------------|
|                     |                     |

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**UGC Sponsored Major Projects:**

| Title | Year of Award | Amount Awarded | Status of the project- Completed /Ongoing | Co-investigator, if any |
|-------|---------------|----------------|---|-------------------------|
|       |               |                |   |                         |
|       |               |                |   |                         |
|       |               |                |   |                         |

**UGC Sponsored Minor Project**

| Title | Year of Award | Amount Awarded | Status of the project- Completed /Ongoing | Co-investigator, if any |
|-------|---------------|----------------|---|-------------------------|
|       |               |                |   |                         |
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|       |               |                |   |                         |

**Overseas Academic Visits:**

## **Other Activities / Academic Credentials:**

**Passed the international exam (on-line) and have received EMC2 Certification with a distinction (grade score 94%) held at LDC on BIG DATA organised by ICT academy.**

### **Faculty Development Programme Organized.**

A two-day Faculty Development Programme on “Time Management” in association with the ICTACT, in Paul Linder Love Hall at Seminar Hall on 29.03.16 and 30.03.16 where around fifty faculty from various colleges participated.

#### **FDP Certifications:**

- A five day workshop on Big data and Data Analytics organized by ICTACT at LDC
- A five day workshop on Hadoop organized by ICTACT at K.L.N C.S.E
- A Webinar on Applications of Data analytics in data science, organized by National College, Trichy on 21.05.2020 & 22.05.2020
- A 5- Days National Level online FDP on “Artificial Intelligence”, organized by Lendi Institute of engineering and Technology.
- An Online Faculty Development Program on “E-Learning Tools” was organized by Dept of Computer Science, The American College, Madurai
- An online National FDP on “Engineering is the next Generation Educators”, organized by Nehru Arts and Science College, Coimbatore on 23<sup>rd</sup> Apr 2020 to 28<sup>th</sup> Apr 2020.

#### **Webinar Participations(Certificates):**

- In the One Day International Webinar on “Blockchain Network in IoT Applications”, organized by Ayya Nadar Janaki Ammal College, Sivakasi on 4.6.2020.
- In the Webinar on Artificial Intelligence, organized by Department of Computer Science (SF), Ayya Nadar Janaki Ammal College, Sivakasi on 8.06.2020

- In the Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 1 - Opening Key Note Sessions (70 mins) held on 20 Apr 2020 conducted by ICT Academy C.No: S128927
- In the Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 2 - Opening Key Note Sessions (70 mins) held on 21 Apr 2020 conducted by ICT Academy C.No: S132246
- In the Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 3 - Opening Key Note Sessions (70 mins) held on 22 Apr 2020 conducted by ICT Academy C.No: S134011
- In the Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 4 - Opening Key Note Sessions (70 mins) held on 23 Apr 2020 conducted by ICT Academy C.No: S136815
- In the Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 5 - Opening Key Note Sessions (70 mins) held on 24 Apr 2020 conducted by ICT Academy C.No: S132246
- In the Season 3 of Skycampus - THE FUTURE IS HERE NOW Day 3 – Expert Sessions (90 mins) held on 29 Apr 2020 conducted by ICT Academy C.No: S153421
- In the Season 3 of Skycampus - THE FUTURE IS HERE NOW Day 4 – Expert Sessions (90 mins) held on 30 Apr 2020 conducted by ICT Academy C.No: S157845
- In the Season 3 of Skycampus - THE FUTURE IS HERE NOW Day 5 – Expert Sessions (90 mins) held on 01 May 2020 conducted by ICT Academy C.No: S159548
- In the Skycampus Webinar The Power of A Teacher held on 04 May 2020 conducted by ICT Academy. C.No: S164819
- In the Season 4 of Skycampus - THE FUTURE OF EDUCATION, Employment & Entrepreneurship Day 1 – Expert Sessions (90 mins) held on 04 May 2020 conducted by ICT Academy C.No: S170452
- In the Season 4 of Skycampus - THE FUTURE OF EDUCATION, Employment & Entrepreneurship Day 2 – Expert Sessions (90 mins) held on 05 May 2020 conducted by ICT Academy C.No: S174259
- In the Season 4 of Skycampus - THE FUTURE OF EDUCATION, Employment & Entrepreneurship Day 3 – Expert Sessions (90 mins) held on 06 May 2020 conducted by ICT Academy C.No: S177801
- In the Season 4 of Skycampus - THE FUTURE OF EDUCATION, Employment & Entrepreneurship Day 4 – Expert Sessions (90 mins) held on 07 May 2020 conducted by ICT Academy C.No: S181034
- In the Season 4 of Skycampus - THE FUTURE OF EDUCATION, Employment & Entrepreneurship Day 5 – Expert Sessions (90 mins) held on 08 May 2020 conducted by ICT Academy C.No: S184156



- In the Season 5 of Skycampus - THE FUTURE OF SKILLS-Education, Employment & Entrepreneurship Day 1 – Expert Sessions conducted on 11 May 2020 by ICT Academy C.No: S189470
- In the Season 5 of Skycampus - THE FUTURE OF SKILLS-Education, Employment & Entrepreneurship Day 5 – Expert Sessions conducted on 15 May 2020 by ICT Academy C.No: S207396
- In the Season 5 of Skycampus - THE FUTURE OF SKILLS-Education, Employment & Entrepreneurship Day 3 – Expert Sessions conducted on 13 May 2020 by ICT Academy C.No: S209083
- In the Season 6 of Skycampus on the theme “Future Tech 2020” Day 1 – 5G as an Enabler In Digital Transformation Conducted on 18 May 2020 by ICT Academy C.No: S214735
- In the Season 6 of Skycampus on the theme “Future Tech 2020” Day 2 – Global Mega Trends, Technologies & Covid 19 Impacting Sectors Conducted on 19 May 2020 by ICT Academy C.No: S217141
- In the Season 6 of Skycampus on the theme “Future Tech 2020” Day 3 – Building Skills in Robotic Process Automation Conducted on 20 May 2020 by ICT Academy C.No: S220776
- In the Season 6 of Skycampus on the theme “Future Tech 2020” Day 5 - Next Generation of Blockchain Conducted on 22 May 2020 by ICT Academy C.No: S228038
- In the Season 7 of Skycampus on the theme “Accelerating Industry 4.0 - A Post Covid Paradigm” Day 1 – Conversation on “Industry 4.0 - A Post Covid Paradigm” Conducted on 25 May 2020by ICT Academy C.No: S235397
- In the Season 7 of Skycampus on the theme “Accelerating Industry 4.0 - A Post Covid Paradigm” Day 4 – Discover the Diamond in You Conducted on 28 May 2020by ICT Academy C.No: S244677
- In the Season 7 of Skycampus on the theme “Accelerating Industry 4.0 - A Post Covid Paradigm” Day 5 – Catching the Cyber Virus Conducted on 29 May 2020by ICT Academy C.No: S247468

## MY OTHER PARTICIPATIONS

ICTACT BRIDGE” - India's Largest Industry-Institute Interaction Event, for the 19<sup>th</sup>,20<sup>th</sup> and 21st editions.