

Resume

**Prof. (Dr).A. Justin Diraviam,
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Tirunelveli,**

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Education

**Ph.D. Faculty of Computer Science and Engineering
(Specialization in Digital Image Processing)**

Bharathiyar University, Coimbatore, Provisional Registration confirmed, registered 2008
OCT(To be completed in the Year 2012).

**M.E. Faculty of Electronics and Communication Engineering
(Specialization in Applied Electronics)**

Mohamed Sathak Engineering College, Keelakarai, Madurai Kamaraj University –
Madurai, India, 72.7 % Dec 2002

B.E. Electrical and Electronics Communication Engineering

Government College of Engineering, MS University, Tirunelveli, Tamilnadu, India,
66.64% May 1997

Professional Experience

June 2010 to Till Date

**Assistant Professor, Dept. of Computer Science and
Engineering, Sardar Raja College of Engineering, Alangulam
Tirunelveli – 627808 India.**

- As a faculty, coordinated various programmes in the department.
- As coordinator, organized a one day National Conference on CNNACT-2011.
- As Project coordinator for UG and PG , Motivated the students to carry Out various Projects in various disciplines.
- As Technical Advisor for CSE department , giving guidelines to do Everything (both academic and non academic) in a perfect manner.

Feb 2004 to May 2010

**Assistant Professor, Dept. of Electronics and
Communication Engineering, Francis Xavier Engineering College,
Tirunelveli – 627003 India**

- As a faculty, coordinated various programmes in the department.

- As coordinator, organized a one day National Seminar on VLSI Laboratory.
- Carried out rigorous research and published many papers in the Journals and conference proceedings
- Motivated the students to carry out various projects and present papers in project contest / symposiums / conferences which won prizes in various science and technology exhibitions at various levels
- Acted as the coordinator for carrying out NBA, ISO activities at department level.
- As coordinator, organized a National level technical symposium and festival, Ecstasy 2005, Ecstasy 2006, Ecstasy 2009.

June 1998 to Jan 2004

Lecturer, Department of Electrical & Electronics Engineering, RVS College of Engineering and Technology, Dindugal, Tamilnadu, India.

- Established Machine Lab, Instrumentation Lab with high state of art equipments
- As coordinator organized a National level technical symposium and festival in the year 2003.
- Actively provided valuable guidance for the students to plan for their career growth
- Acted as the coordinator for carrying out NBA, ISO activities at department level.

June 1997 to June 1998

Lecturer, Sankar Institute of Polytechnic College, Tirunelveli, Tamilnadu, India

- Involved in setting up of Digital Electronics Lab.
- Motivated the students to carry out various projects and present papers in project contests in various science and technology exhibitions at various levels

Honors and Awards

- Getting Appreciation Certificates for producing 100% result in PG Program. (M.E-VLSI Design and M.E-CSE.)

Programmes Organized as Coordinator

At Francis Xavier Engineering College, Tirunelveli-03

- As coordinator, organized a one day National Seminar on VLSI Laboratory.
- As coordinator organized a National level technical symposium and festival, Ecstasy 2005, Ecstasy 2006, Ecstasy 2009.

At RVS College of Engineering and Technology

- As coordinator organized a National level technical symposium and festival in the year 2003.

At Sardar Raja College of Engineering

- As coordinator, organized a one day National Conference on NCNACT-2011 and NCNACT -2012(National Conference on “Nascent Advances in Computing Technology.”)
- As Project coordinator for UG and PG , Motivated the students to carry Out various Projects in various disciplines.
- As Technical Advisor for CSE department , giving guidelines to do Everything (both academic and non academic) in a perfect manner.
- As Academic Purchase Coordinator for college Level.
- As Deputy Head for SRC’S Technology Park in the College to motivate all the department students to build their innovative ideas which is useful to the society.

Publications in Journals

1. **Published a Paper in International Journal Image Processing and Networking Techniques on “DIP based on line monitoring & Control”, Volume 2 No 1 June 2009 Page 67-77.**
2. **Published a Paper in Journal (Inter National) of Software Engineering and Technology on “Integration of Data Acquisition System through Digital Image Processing” Vol.1, No.2, and July-Dec 2009 page 49-60.**
3. **Published a paper in International Journal of Computer and Electrical Engineering on “ Replacing Various Analog Sensors with Digital Cameras” Vol.3,No.1 FEB 2011 Page 84-83.**
4. **Accepted to publish in European Journal of Scientific Research on “ANALYSIS AND VLSI IMPLEMENTATION OF DIP BASED CONTROL AND MONITORING OF VARIOUS PHYSICAL PARAMETERS IN PROCESS INDUSTRY” in the Year April 2012.**
5. **Published a Paper in Asian Journal of Computer Science and Technology on “ Simple Authentication Technique for Session Management using Odd and Even Pair of Text in Cloud Computing” Vol.1 No.1 (Special Issue) Page 130-136 Feb 2012.**
6. **Accepted to publish my research Article on “Concept of Integrating Real Time Field Images in Computer in Process Industries by Removing Separate TVs.” In International Journal of Computer Applications” (to be published in April 2012 issue) New York, USA.**

Papers presented/ published in Conferences / Symposiums

1. Presented a paper in National Conference on Communication and Informatics at Lord Jegannath College of Engineering & Technology on “Optimized VLSI Architecture for Discrete Wavelet Packet Transform” March 2009.
2. Presented a paper in National Conference On e-Swift & e- blog 08 at Government College Of Engineering Salem on “ DIP Based On Line Monitoring & Control” March 2008
3. Presented a paper in National Conference NETCON 2008 at Kamaraj College of Engineering & Technology” On “ Recognition of Finger Print by Combining Global Structure and Local Cues” March 2008.
4. Presented a Paper in International Conference on Digital Factory at Coimbatore Institute of Technology, Coimbatore on “DIP Based On Line Monitoring & Control” August 2008.
5. Presented a Paper in IEEE Sponsored International Conference on ICCCN 2008 at Chettinad College of Engineering And Technology “ Concept of Integrating Real Time Field Images in Computer in process Industries by Removing Separate TVs” Dec 2009.
6. Presented a Paper in IEEE Sponsored International Conference on Sensors, Security and Intelligent Systems at Coimbatore Institute of Technology Coimbatore in “Replacing Various Analog Sensors with Digital Cameras” Jan 2009.
7. Presented a Paper in IEEE Sponsored International Conference on ICOICT 2009 at Sree Chitra Thirunal College Of Engineering, Trivandrum in “Integration of Data Acquisition System through Digital Image Processing” Feb 2009.
8. Presented a paper in National Conference At CSI institute of Technology,Thovalai On 26th Feb 2010 in “Design of High Throughput pipelined base FELICS Engine for lossless Image Compression”
9. Presented a paper in National Conference NCCVSP-10 at Indian Engineering College, Vadakkankulam on 8th APR 2010 in” Design of High Throughput Lossless Image Compression Using FELICS Algorithm.”
10. Presented a paper in National Conference VISION-11 on 16th MAR 2011 at Government Engineering College,Tirunelveli in “ Optimal Load Balancing in Wireless Access Points”.
11. Presented a paper in National Conference NACIPAN-11 on 5th MAR 2011 at National Engineering College, Kovilpatti in “Load Balancing in Wireless LANS using Cell Breathing Technique”.
12. Presented a paper in National Conference NACETAC-11 on 4th MAR 2011 at Francis Xavier Engineering College,Tirunelveli in Efficient Key Management in Mission Wireless ADHOC N/W.”
13. Presented a paper in Symposium on 26th Sep 1996 at Government College of Engineering in “Graphical User Interfaces” conducted by Society of Electrical and Electronics Engineers.
14. Presented a paper in Symposium on 6th Mar 1996 at Government College of Engineering in “Local Area Networks” conducted by Society of Electrical and Electronics Engineers.
15. Presented a paper in International Conference on Emerging Trends in Computer and Communication Technologies(EMICS-12) on 16th and 17th Feb 2012 Conducted by Department of CSE/IT , Maria College Of Engineering and Technology in “ Prognostic Network Anomaly unmasking and Visualization” .

Academic Projects

1. **Design of High-Throughput Pipelined base FELICS Engine for lossless image Compression.(PG 2010)**
2. **Optimized VLSI Architecture For Discrete Wavelet Packet Transform (PG 2009)**
3. **Recognition of Finger Print by Combining Global Structure and Local Cues (PG 2008)**
4. **Wavelet Packet Compression (UG 2009)**
5. **Wavelet Compression (UG 2009)**
6. **Optimal Load Balancing in Wireless Access Points(PG 2011)**
7. **Prognostic Network Anomaly unmasking and Visualization(PG 2012)**

Conferences, Seminars and Short-term Courses attended

In India

- Attended Two Days Workshop on Advanced Digital Signal Processing at RVS College Of Engineering And Technology August 2002
- Attended Two Days Workshop on Digital Signal Processing at RVS College Of Engineering And Technology June 2003.
- Attended One Workshop on P-spice Software With ORCAD March 2006.
- Attended One day Workshop on Networking Lab and Protocols Oct 2006
- Attended Two Days Workshop on VLSI System Design Sep 2007
- Attended one day National Seminar on Network Security Feb 2009.
- Attended one day National Seminar on Research in Computers at Bharathiyar University, Coimbatore, and Tamilnadu, India. Dec 2010.
- Attended Five Days Workshop on “Matlab Program for Image Processing” in Sardar Raja College Of Engineering,Alangulam,Tirunelveli, from 21-02-2011 to 25-02-2011 conducted by Dept of CSE in Association with Raguram Assocites , Chennai.

Additional Responsibilities

- **Exam Co-ordinator in the college Level**
- **ISO Co-ordinator in Department Level**
- **NBA Co-ordinator in the Department Level**
- **Association Co-ordinator in the Department level.**
- **PG Co-ordinator in the College Level**
- **Project Co-ordinator for the PG Students**
- **Technical Advisor for Department of Computer Science and Engineering.**
- **National Conference Coordinator in 2011, 2012.**
- **Purchase Coordinator in the College Level.**
- **Deputy Head for SRC’S Technology Park since 2010.**

Membership in Scientific and Professional Societies

- **Member** : The Institution of Electrical and Electronics Engineers (IEEE), USA.
- **Member(Life)** : Indian Society for Technical Education (ISTE), India
- **Member** : International Association of Computer Science and Information Technology. (MIACSIT)

Guest Lectures / Invited Talks

- **Guest Lecture on Digital Image Processing at Francis Xavier Engineering College.**
- **Guest Lecture on Transducer Engineering at RVS College of Engg & Technology.**
- **Guest Lecture on Basic Electronic Circuits at SCAD College of Engineering & Technology.**
- **Guest Lecture on Linear Integrated Circuits SCAD College of Engineering & Technology.**
- **Guest Lecture on Linear Integrated Circuits SCAD Polytechnic College**
- **Guest lecture on “TCP/IP protocol” at S.A.Rajas Polytecnic College,Vadakkankulam.**
- **Guest lecture on “Digital Circuits” at Joe Suresh Engineering College,Tirunelveli.**

Chair person in Conference/Symposium.

- **Acted as Chair Person in National Conference on “Emerging Trends on Wireless Sensor Networks” (NEWSS-12) Conducted by ECE of SCAD College of Engineering and Technology, Tirunelveli, Tamilnadu.**
- **Acted As Chair Person in National Symposium Conducted By Dept of ECE in Govt. College of Engg, Tirunelveli On 27th Oct 2010.**

- Reviewers:**
1. As Reviewer in Inter National Journal run by Smt. Girija Devi Charitable Trust (Regd.),Newdelhi,India.
 - 2.As Chief Advisor in International Journal of Management,IT and Engineering run by International Journals of Multidisciplinary Research Academy.
 3. As Reviewer in International Journal of Marketing and Technology run by International Journals of Multidisciplinary Research Academy.
 - 4.As Reviewer in International Journal of Physical and Social Sciences run by International Journals of Multidisciplinary Research Academy. .
 5. As Reviewer in International Journal of Research in Social Sciences run by International Journals of Multidisciplinary Research Academy.
 6. Reviewer in IJCNS run by scientific Research Journals.(www.scirp.org/journal/ijcns)
 7. As international Expert in International journal of Electronics Engineering and Mobile Computing,New Delhi,India.(www.ijeemc.com)
 8. As a international expert in International journal of computing and corporate Research. (www.ijccr.com)
 9. As reviewer in Internation Journal of Computer and Electrical Engineering run by IACSIT,Singapore.

REFERENCES

- ❖ **Rt..Rev.Dr.A.Jude Paulraj.D.D.**
Bishop of Palayamkottai,
Palayamkottai,
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- ❖ **Dr S.P.Victor M.E,Ph.D.**
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Mobile: 9486041594

- ❖ **Dr.K.Rajappan., M.E.,Ph.D.**
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