RESUME

R. INDRA   M.Sc., M.Phil., M.C.A.,

Assistant Professor

Department of Computer Science

indrapaul70@gmail.com   Mobile: **+91-9894116422 / +91-7373310665**

KEY NOTE

To work in a challenging environment that enables me to contribute the best to my profession and like to adapt myself in an esteemed institution with my knowledge and gain momentum in the current existing fields, which is opted to my profession.

ACADEMIC BACKGROUND

- **Pursuing Ph.D** (**Computer Science**), **Bharathidasan University.**

- **M.Phil.,**   - Master of Philosophy (**Computer Science**) , **Bharathidasan University**.2004 - 71.8%

- **M.Sc**.,   - Master of Science (**Computer Science**), **Bharathidasan University**.1992   - 63.07%

- **M.C.A**.,   - Master of **Computer Applications**, **Periyar University**, Salem .2009   - 76.87%

- **B.Sc.,**   - Bachelor of Science (**Computer Science**), **Bharathidasan University**.1990 - 59%

JOB PROFILE

- **ASSISTANT PROFESSOR**, PG DEPARTMENT OF COMPUTER APPLICATIONS, **SHRIMATI INDIRA GANDHI COLLEGE**, **(Nationally Accredited at 'A' Grade(3rd cycle) by NAAC), Trichy-2.**

- 26Years 1 month 1 day Experience in handling Theory & Practical classes for **M.C.A., M.Sc .IT**, & **B.Sc., Computer Science , B.Sc. IT**., & **B.C.A**., and Guided projects for both UG & PG.

- 13 years 1 month 1 day Experience in handling papers for **M.Phil** Computer Science in Research methodology, Teaching and Learning skills and Guided research work also.

- Additional Chief Superintendent for Bharathidasan University Examination to conducting Theory Examination in my College from November 2016 to Till date Semester Examination.

PROFESSIONAL PROFILE

- Having 26 years 1 month and 1Day of teaching experience for Under Graduates and Post Graduates.

- 13years 1 month 10 day of teaching experience for **M.Phil** in Computer Science.

- Contributed effectively to improve the student recruitment retention and to enhance student experience through departmental conferences.

- Examiner of PG Practical and Theory examinations of **Bharathidasan University**.

- Expertise in guiding students projects which include coding in various programming languages like VB.net, Visual Basic 6.0, ASP.Net, JAVA, Crystal Reports, Data Reports.

- An effective communicator with comprehensive problem-solving abilities, flair for innovation, technology adaptation and willingness to learn.

- Provided academic support to students through academic project supervision.

- Developed own teaching material, methods and approaches.

- **Course – In-charge for B.Sc. Information Technology in the College** from 2001 onwards and Students' council, Carrier & Placement member,Transport committee member in college.

- **Course-in-charge for BCA in the College from 2019 onwards.**

- Question Paper Setter and Valuator in **Bharathiyar University**, **Periyar University**, **SRM University**, **Madurai Kamarajar University, Alagappa University.**

- **Appointed As an Examiner in PG Board for Valuation and Practical Examiner in Bharathidasan University.**

- Question Paper Setter for Autonomous College like **Gobi Arts & Science College,Coimbatore, A.V.V.M Poondi Pushpam College,Tanjore, St.Joseph's College,Trichy, Jamal Mohammed College, Trichy, Bishop Heber College,Trichy, Dr.G.R.Dhamodaran College of science, Coimbatore,Lady Doak College,Madurai & National College, Trichy.**

- Examiner for Valuating Theory & Practical Examinations of PG in Autonomous Colleges like **Bishop Heber College, Jamal Mohammed College, St.Joseph's College.**

- Conducted tutorial classes and remedial classes for the slow learners.

- Prepared study material for slow learners in various subjects for UG and PG students.

- Producing 100% results in handling the paper for both UG & PG and M.Phil.

- Produced University Rank Holders as I RANK continuously for 4 years in University Examinations for B.Sc INFORAMTION TECHNOLOGY course.

- Produced 8 university Rank Holders as Tutor in charge for MCA including I, II rank also.

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

- Best Department Award given by the college for Department of Information technology producing I University Rank with Highest percentage of getting from various departments in college during the year 2014-2015.

SUBJECTS HANDLED

- Programming Languages which include **VB,C, Java,   VB.Net, and ASP.Net.**
- **Object Oriented Programming in C++**
- Data Structures & Algorithms
- Computer Graphics
- Computer Networks
- Digital Electronics
- Operating Systems
- Database Management Systems
- Introduction to Information Technology
- Mobile Communication
- Fundamentals of Multimedia
- System Analysis & Design
- OOAD & UML
- Management Information System
- Software Engineering
- Data Base Systems
- Web Services
- Web Technologies
- Data Communication Networks
- Grid Computing
- Cloud computing
- Human Computer Interaction
- Research Methodology (**M.Phil**)
- Teaching & Learning Skills (**M.Phil**)
- Introduction to **IT**
- Distributed Operating Systems

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

- Android Application Development (both theory and practical)
- PHP Scripting Language
- Handled Certificate courses in **Indira Gandhi National Open University, New Delhi**

WORK EXPERIENCE

- Joined as a Full time Lecturer in the Department of Computer Science at Shrimati Indira Gandhi College, Tiruchirappalli (Nationally Accredired at 'A'Grade (3rd cycle) By NAAC) from 1993 and working till date.
- Additionally Programme – In-Charge for the Department of BCA and Placement member.
- From 1993 -2000 as Lecturer in Department of Computer Science.
- From 2001 -2011 as Sr.Lecturer in Department of IT & Computer Applications.
- From 2011 onwards as Assistant Professor in PG Department Of Computer Applications (MCA-AICTE Approved) and working till date
- Association Secretary Post for PG Department of Computer Applications During 2014-2015 and conducted state level Seminar, National level seminar, One day Workshop on Human Computer Interaction and many useful seminar topics for PG Students to gain knowledge in various fields by inviting eminent resource person from local and international place.

TECHNICAL EXPERIENCE

Programming Languages : **C, C++, JAVA, VC++, and Visual Basic 6.0, J2EE, .NET**.

RDBMS : **SQL** Server, **MS**-Access

Operating Systems : **Windows 2000, Windows 98, Windows XP, Windows 7, UNIX**

Packages : **DBASE III PLUS, FoxPro, MS-Office**

Web Technologies : **VB.Net, ASP.NET, HTML, XML**

PHP, MYSQL, Photoshop and Flash, Android Application Development.

PROFESSIONAL CERTIFICATES

- Refresher Course in **Environmental Education** (for teachers of all subjects with Grade – 'A' conducted by UGC Academic Staff College, **Bharathidasan University,**Trichy, November 2004

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

- Participated in two days training program on **Essentials of C#** conducted by Microsoft Corporate & ICT Academy of Tamil Nadu held at **Bharathidasan University** , on 26th and 27th March 2010.

- Participated in Eight days training program on **Certificate in   .NET Programming** conducted by ICT Academy of Tamil Nadu held at **Saranathan College of Engineering**, Trichy, from 11 AUG 2010 to 19 AUG 2010.

- Participated in Eight days training program on **Certificate in   J2EE Programming** conducted by ICT Academy of Tamil Nadu held at **Periyar Maniammai University**, Vallam, from 07 FEB 2011 to 14 FEB 2011.

THESIS TITLE

- **M.Phil** Thesis – **HAND WRITTEN CHARACTER VERIFICATION USING ARTIFICIAL NEURAL NETWORKS**

- **Ph.D** Pursuing Thesis – **NEAR FIELD COMMUNICATION IN MOBILE COMPUTING**

SEMINARS /CONFERENCE PARTICIPATION

- National seminar on **Cloud Computing** organized by **Bharathidasan University Technology Park** in association with Department of IT, CS and MCA (AICTE Approved) and CSI trichy chapter on 26th Sep 2012 held at BUTP,Trichy-24.

- International workshop on "**Statistics for Proteomics and Clinical Research**"(SPAC -2012) organized by **Department of Statistics, BUTP** and Department of MCA,IT,CS and Biochemistry of SIGC, held at Department of Statistics, **Bharathidasan University** on 7th Aug 2012.

- Participated in the National level Seminar on "**High Performance Computing**" Organized by PG Dept of Computer Science , (MCA-AICTE Approved) and Department of Information Technology of SIGC held on 23.2.2012

- Participated in Deliberation of the National Conference on " **Emerging Trends in Computer Science** " held at **Sengamala Thaayar Educational Trust Women's College, Mannargudi**, Organized by Department of CS,IT on 20th JAN 2012.

- Participated in the **SEMINAR /WALK** on **HUMAN RIGHTS held at Bishop Heber College, Trichy on December 9,2010 on the eve World Human Rights Day .**

- National level conference on **Bioinformatics tools for Gene& Protein Analysis**" in Computer Science ,IT & MCA Dept at Shrimati Indira Gandhi College, in association with bioinformatics centre, central Agricultural Research Institute(CARI) ,Port Blair, Andaman & Nicobar Islands held at SIGC on Trichy on 7th & 8th Sep 2007.

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

- State level Seminar on "**Computer Oriented Mathematical Techniques 2007**" at Shrimati Indira Gandhi College, Trichy on 10th &11th Aug 2007.

- National level Seminar on **Emerging trends of Mathematical techniques and their applications in computer science** " at Shrimati Indira Gandhi College, Trichy on 23rd &24th Feb 2007.

- State level Conference on "**Current trends in Research field of Computer Science** held at Shrimati Indira Gandhi College, Trichy on 13th &14th Oct 2006.

- UGC Sponsored Seminar on **Cyber Impact on society** held on 11.2.2004 and 12.2.2004 at Seethalakshmi Ramaswamy College, Trichy-2.

- HCL Info system Ltd., System support Organization Technology seminar on **e-learning** at Jennies Residency on Dec 20th 2003.

- Attended one day Seminar on "**New Trends in Advertising**" organized by Dept of CS & Commerce & Business Administration of Srimad Andavan Arts & Science College, Trichy held on 27th Feb 2002.

- NSC-2001 – **National conference of IT and its Applications** organized by CSI Women's Students branch of SIGC, CSI Trichy Chapter 14.9.2001 to 16.9.2001 at Hotel Femina, Trichy

- Attended UGC Sponsored State Level Conference On **Trends in Client/Server Computing** held at Shrimati Indira Gandhi College on 25th & 26th March 1997

WORKSHOP PARTICIPATION

- One day workshop on "**HUMAN COMPUTER INTERACTION**" jointly organized by Computer Society of India along with students branch of Jamal Mohamed College, women student branch of Shrimati Indira Gandhi Collge , Student branch of Saranathan Engineering Collge on 28th Feb 2015 at Hotel Sangam and Shrimati Indira Gandhi college.

- Regional Level workshop on "**Information Communication Technology-Trends & Techniques**", jointly organized by **BUTP**, CSI, PG Department of Computer Applications of SIGC, held on 21.11.2009 at SIGC, Trichy-2.

- One day workshop on Human Rights held at Bishop Heber College, Trichy on December 10, 2008 on the **World Human Rights Day.**

- One day workshop on **Importance of Biodiversity** Sponsored by Ministry of Environment and forest organized by Periyar E.V.R. College on March 4th and 5th 2008.

- One day workshop on **Human Rights** held on 10.12.2007 on the World Human Rights Day at Cauvery College for Women, Trichy.

- One day workshop on **Environmental Awareness** held on Bharathidasan University Exnora on 28.08.2007 at Tiruchirappalli District youth & students Exnora, Trichy-18.

- One day workshop on **Software Development trends in technologies and methodologies** held at BUTP, Trichy on 19-03-2007 as Delegate.

- One day workshop on **Research Methodology** on 5.1.2005 at SIGC.

- Attended two day I3 Workshop on "**Industries – Institutions** conducted by Computer Society of India Trichy chapter, CSI women's student branch of SIGC, IUCT of Trichy, BHEL Small scale industries Associations, held on 6th & 7th Jan 2005.

- Attended one day Workshop on **Patent Awareness** conducted by Tami Nadu State Council for Science &Technology, Chennai, in association with patent office, Chennai, held at Shrimati Indira Gandhi College, Trichy on 26th Mar 2004.

- Two day workshop on **Remote Sensing** Conducted by BARD university – State Level held on Feb 12th and 13th 2001

- Attended **National Science Day** Celebrations conducted by Bharathidasan University, Trichy on 10th July 1999.

Papers Presented

1. **Cloud Experimental Testbed for Research & experimental studies .** Fifth International Conference at Adaikalamatha Institute of Management presented a paper **ISSN: 2250-1940 Vol II Nov-2013.**

2. **NFC Mobile Payment Environment System** Presented a paper in International conference of CSI – 2015 50th Golden Jubilee Annual Convention on "Digital Life" (02nd - 05th December, 2015) held at New Delhi. Paper is published in Springer Journal.

3. **Computerization of Attendance using Near Field Communication (NFC) Technology** presented a paper in International Conference on "Digital India" – The unfolding Opportunities and Challenges" on 02nd – 03rd March ,2017 at Vivekanandha Institute of Information and Management studies , Tiruchengode, Namakkal District.

Journal Publications

1. **Near Field Communication Technology: at the Present time in addition to Future**. Volume 5, Issue 7, July 2015. International Journal of Advanced Research in Computer Science and Software Engineering. ISSN: 2277 128, pg No 376 – 379.

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

2. **Identity Identification and Contactless Technology Using Near Field Communication (NFC).** Volume 4, Issue 8, August 2015. International Journal of Emerging Research in Management and Technology. ISSN: 2278 - 9359, pg No 162 – 171.

3. **Near Field Communication in Mobile Technology**. Volume 2, Issue 8, August 2015. International Journal of Innovative Science, Engineering and Technology. ISSN: 2348- 7968, pg No 363-368.

4. **Credit Transfer in Mobile Communication Using NFC**. Volume 3, Issue 9, September 2015. International Journal of Advanced Research in Information and Communication Engineering. ISSN: 2321 -8762, Pg No: 1-5. Impact Factor 1.307.

5. **An Efficient Protocol for Predicting User Behaviour Using Call Data**. Volume 3, Issue 10, 2015. International Journal for Scientific Research and Development. ISSN: 2321-0613.P g No 1120 – 1122.

6. **An Analysis of Rule based Mining for Protein Phosphorylation Protocol for Predicting User Behaviour Using Call Data**. Volume 3, Issue 10, 2015. International Journal for Scientific Research and Development. ISSN: 2321-0613.P g No 1117 – 1119.

7. **Analytical Performance Model for State- Based MAC Layer Cooperative Retransmission Protocols**. Volume 3, Issue 6, June 2016. International Journal of Research Science and Engineering. ISSN: 2212-4102, pg No 1-6

8. **A Distributed framework for mobile data gathering with concurrent data uploading & Data Retrieval scheduling in wireless sensor.** International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 03 Issue: 07 | July-2016 www.irjet.net p-ISSN: 2395-0072

9. **A Data stream mining technique dynamically updating a model with dynamic changes of data distributions.** Volume 5, Issue 8,August 2018.International Research journal of Engineering and Technology. ISSN 2395-0072,Pg No 784-786.

M Phil Research Projects Guided for Regular (FULL TIME)

Bharathidasan University, Tiruchirappalli

- Scalable dynamic Networks with influential Node tracking under an interchange greedy Algorithm.
- Strategy of Automated Clinical Practices for Reading Electronic Health Records Dynamically According to The Real-Time Fluctuations of the Patient's Condition
- A Data stream Mining Technique Dynamically Updating a Model with Dynamic Changes of Data Distributions.

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

- Sentiment Embedding with Applications to sentiment Analysis

- An Analysis of Rule Based mining for protein Phoshorylation.

- Publishing search logs – a comparative study of privacy guarantees.

- Relay collection for geographical forwarding in sleep wake cycling wireless sensor network.

- A survey of indexing techniques for scalable record linkage and deduplication.

- Adaptive Subspace Symbolization for content based video Detection.

  A Fuzzy – self Constructing Feature Clustering Algorithm for Text Classification.

- Data Leakage Detection

- A Scalable Method of Cryptographic key Management for Mission-critical wireless ad-hoc network.

- Providing Witness Anonymity under Peer to Peer Settings.

- Secured Key Server with Segregated Task Environment for Block Modeling.

- Index Support for item set Mining.

- Digital Integration of Thematic Layers in determining the aquifer Geometry of Ponniyer River Basin Using GIS Software Tool.

- Morphological Feature of Nucleus in Bone marrow white blood cell classifying using Artificial   Neural Networks.

- Awareness of prevention of Neonatal and Pediatric Infection on the part of expectant Mothers.

M.Phil Research Projects Guided for Distance Education (PART TIME)

Madurai Kamarajar University, Madurai

- A Study of Analysis in Fourier Transmission.
- Database Renovation tool using Data Mining Techniques for Data Integration without and data Loss.

Alagappa University, Karaikudi

- Weather Analysis Using Data Mining.

Vinayaga Mission University, Salem

- OCR Application using ANN
- IT help Desk Software
- Transferring Masked Image for security by Intensities Quantization Method.
- Activity Management System
- Joint test suit construction mechanism using UML Diagram

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com

PERSONAL PROFILE

Spouse	:	E. PAUL GUNA LOGANATH
Address	:	17/13 RMS COLONY,
		EDAMALAIPATTI PUDUR,
		TRICHY - 12. TAMIL NADU, INDIA
Date of Birth	:	19.08.1970
Marital Status	:	Married (1 Daughter)
Religion	:	Christian
Nationality	:	Indian
Languages Known	:	Tamil, English
Passport Number	:	M6519147

Declaration

I hereby declare that all the details given above are true to the best of knowledge.

Date:

Place: Trichy-2   R. INDRA

+91-7373310665 | +91 -9894116422 | indrapaul70@gmail.com