

BIO DATA

Name : L.Jerart Julus
Designation : Assistant Professor (SG)
Department : Information Technology
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1. Personal Details

Date of Birth & Age : 13.02.1986 & 29
Sex & Marital Status : Male & Married
Nationality : Indian

Qualification

Degree	Programme and Specialization	Class /CGPA	Month &Year of Passing	Institute/University
B.E.	Electronics and Communication Engineering	First	May 2007	Francis Xavier Engineering College/Anna University, Chennai
M.E	Computer and Communication	First	July 2010	National Engineering College ,Kovilpatti/Anna University ,Tirunelvali
Ph.D *	Information and Communication	-	Pursuing	Anna University Chennai.

Professional Experience

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	National Engineering College	05.06.2010 to 31.06.2016	Teaching
Assistant Professor (Senior Grade)	National Engineering College	01.08.2016 to till date	Teaching

Date of joining in Present Institution : 05.06.2010

Present status : Assistant Professor (Senior Grade)

Courses taught:

Course Title	U.G. or P.G.
1. Fundamentals of Computing & Programming 2.Principles of communications 3.Microprocessors and Microcontrollers 4.Professional Ethics & Human Values 5.Mobile Communication 6.Analog and digital Communication 7.Principles of Data Communication 8.Fundamentals of Wireless Communication 9.Software Engineering	U.G
1. Optical fiber communication and networking 2.Advanced Digital Signal Processing 3.Advanced Signal Processing Techniques	P.G

2. Academic Achievements**2.1 Short term Courses / Seminars / Conference/ Workshops organized:**

S.No	Programme	Dates	Responsibility
1	DST- NIMAT,NewDelhi sponsored Entrepreneur Awareness Camp	22.01.2014 To 24.01.2014	Co-Coordinator
2	DBT sponsor “Research Approaches and Contemporary Issues of Functional Genomics, Proteomics & Micro array biological Modeling using machine learning in Bioinformatics Applications.”	13.11.2014 & 14.11.2014	Co-Coordinator
3	National Conference on Computing and Application (NACCA’14)	28.02.2015	Coordinator
4	Two days national level workshop on “Search Engine Optimization ”	20.02.2014 to 21.02.2014 (2 days)	Coordinator
5	One day Workshop on “Android ”	08.03.2013 (1 day)	Co-Coordinator
6.	Two days hands on training on “Embedded System Design Using ARM & PIC Microcontroller”	24.08.2015 & 25.08.2015	Coordinator
7.	Three days hands on training on “Embedded System Design Using Arduino Processors”	25.08.2016, 26.08.2016 & 29.8.2016	Coordinator

2.2 Short term Courses / Seminars / Conference/ Workshops Attended:

Sno	Title	Programme	Date	Venue
1	Video Analytics using GPU/Software defined networking opportunities and challenges	Workshop	26 th to 28 th March 2015	Anna University, MIT Campus Chennai

2	NPTEL Workshop Sponsored by MHRD, New Delhi	Intracollegiate Workshop	13.03.2015	CENTRAL Library NEC
3	High Speed Networks	ISTE-STTP	9.6.2014 to 16.06.2014	National Engineering college, Kovilpatti
4	Empowering Indian Engineering Education For Global Expectations	National 17 th ISTE TN&P Section Annual Convention For Faculty	07.11.2014 & 08.11.2014	ISTE, NEC, Kovilpatti
5	Network Simulator- NS2	Workshop	10 & 11 October 2013	National Engineering college, Kovilpatti
6	Language based formal methods and verification techniques for security	DRDO sponsored Seminar	2 nd & 3 rd August 2013	National Engineering college, Kovilpatti
7	DBT sponsored "Research & Pragmatic Issues of Cloud Computing Genomic Analysis in bioinformatics Applications" (seminar)	DBT Sponsored Seminar	14.03.2013 & 15.03.2013	National Engineering college, Kovilpatti
8	NPTEL	Workshop	28 th January 2012	IITKM, Kerala
9	Research Methodologies In Computer Science & Engineering	Workshop	24 th and 25 th September 2011	Anna University , Chennai
10	Optical Communication Networks	Workshop	16 th and 25 th September 2011	Mepco Schlenk Engineering College, Sivakasi
11	IBM Workshop	Workshop	01.08.2011 To 03.08.2011	National Engineering College, Kovilpatti
12	Cloud Computing	Seminar	29 January 2011	Computer Society of India, Chennai
13	Ubiquitous Computing	Seminar	30 th to 31 st June 2010	National Engineering College, Kovilpatti
14	Recent Trends in High Data Rate Wireless Communication	Seminar	20 th and 21 st August 2009	Sri. Ramakrishna Institute of Technology, Coimbatore

3 Expert Lectures Delivered :

Sl.No	Title	Place	Programme	Date
1	Real Time Application in Embedded System	DMI Engg College Aralvaimoli	FDTP	18 November 2014

2	Social Networking	Heavy Water Plant, Thoothukudi	Seminar	20 th February 2013
3	Social Networking Tools and Challenges	National Engineering College	workshop	13 th October 2011
4	Cloud Computing	National Engineering College	Seminar	9 th February 2011
5	Wireless Communication	MSPVL Polytechnic College, Pavorchatram	Seminar	16 th February 2010
6	Optical Communication & its uses	MSPVL Polytechnic College, Pavorchatram	Seminar	26 th June 2009

4 Publications

Journal publications

International Journals	:	02
International Conférence	:	07
National Conférence	:	05

4.1 JOURNAL PUBLICATIONS

Sno	Title of the paper	Authors	Journal	Volume, Pages Year
1.	Condensing polarization mode dispersion using CSRZ-DQPSK modulation in WDM-RoF-PON	L.Jerart Julus Dr.V.Vijayarangan Sudha	International	P400-146 v.3 March 2015
2.	Analysis of Reliable secure transmission for Unobservable Secure Table Driven Protocol.	Mr.S.Vimal Mr.R.Laxminarayanan Mr.V.Jackins Mr.L.Jerart Julus	International	Volume:04, Issue No:16 Page No:963-966 ISSN : 0974-9756 September 2012
3.	Development of Modernized state scheduling in DVE using state Space approach	L.Jerart Julus Vimal.S Dhaya.R	National	Volume:01, Issue No:01 Page No:06-13 ISSN : 2322-0872 January-June 2013
4.	Design and development of minimum power point Tracking Solar Charge Controller	Anto Merbin Prakash Karthik.B Jerart Julus .L	National	Volume:02, Issue No:01 Page No:29-38 ISSN : 2322-08748 January-June 2014

4.2 INTERNATIONAL CONFERENCE PUBLICATIONS

Sno	Title of the paper	Authors	Name of the conference	Venue	Pages Date
1.	Improvement Of Transmission Rate In Existing Single Mode Fiber Through Ofdm	Jerart Julus.L S.Vasantha S.Selvi	ICETES-2010	Noorul Islam Centre for Higher Education, Kanyakumari	2010
2.	Analysis and Security Enhancement in Wimax Networks	S. Rimlon Shibi, M. Kaliappan, L. Jerart Julus	Emerging Technology Trends in Advanced Engineering Research- ICEN 201, ISBN : 978-93-80624-62-4	Baselios Mathews II College of Engineering, Sasthamcotta, Kollam	20.02.2012 to 21.02.2012
3.	Enhancing the Performance of MANET using EESCP	G. Sivakumar, M. Kaliappan, L. Jerart Julus	International Conference on Pattern Recognition, Informatics and Medical Engineering – PRIME2012	Periar University, Salem	pp.221-230 21.03.2012 To 23.03.2012
4	Development of Energy Efficiency And Secure Communication Protocol in MANET	S. Rimlon Shibi, M. Kaliappan, L. Jerart Julus	Emerging Trends in Computer & Communication Technologies – EMICS'12,	Maria College of Engineering and Technology, Attoor Kanyakumari dist	16.02.2012 to 17.02.2012
5.	Performance of MSK-OFDM for long haul optical Communication	Sudha.C Jerart Julus.L	ICCPCT'14	NUIV	20-3-2014 & 21-3-2014
6.	Condensing polarization mode dispersion using CSRZ-DQPSK modulation in WDM-RoF-PON	Fathima Sanofer Jerart Julus.L Vijayarangan.v	ICOP,15 FEB 20-22,2015	University of Calcutta,Calcutta,India	Page no 59 ISSN : 9789380813318 22-02-2015
7.	Examining RZ Super Gaussian Pulse to reduce the dispersion by using DCF	Sobana A Jerart Julus.L Vijayarangan.v	ICOP,15 FEB 20-22,2015	University of Calcutta,Calcutta,India	Page no 62 ISSN : 9789380813318 21-02-2015
8.	Survey on visible light communication for next generation network	L.Jerart Julus	ICCCI 2016	Alagappa Chettiar College Of Engg & Tech, Karaikudi	Oct 5&6,2016

4.3 NATIONAL CONFERENCE PUBLICATIONS

Sno	Title of the paper	Authors	Name of the conference	Venue	Pages Date
1.	Performance evaluation of WDM-OFDM PON	Fathima Sanofer Jerart Julus.L	NCCSA'14	Mepco Schlenk Engineering College, Sivakasi	5 March 2014
2.	Reduction of linear & nonlinear effects using FBG	Sobana A Jerart Julus.L	NCCSA'14	Mepco Schlenk Engineering College, Sivakasi	5 March 2014
3..	Orthogonal Frequency Division Multiplexing based Dispersion Management in Optical Fiber	Jerart Julus.L S.Vasantha	NCCT'10	Mepco Schlenk Engineering College, Sivakasi	19 th March,2010
4.	Performance Of Orthogonal Frequency Division Multiplexing in Optical Fiber	Jerart Julus.L S.Vasantha	NCRCS-2010	Kalasalingam University	11 th & 12 th March,2010
5.	Encryption less Secure Communication using Qubits	Jerart Julus.L Maharajan	RACSIT'09	Francis Xavier Engineering College	11 th March,2009

5. Country visited

6. Membership:

- CSI Nominee Member
- ISTE LIFE MEMBER