PRIYANKA DAYAL

11/1 Shastari Nagar, Nakodar Road, Jalandhar, India.

CELL 9465623550 **E-MAIL** priyanka23dayal@gmail.com, priyanka_dayal@ymail.com

PROFILE Self-motivated when succeed, Optimistic, able to work efficiently and carefully, hard worker and organized, Adaptable.

EDUCATION

Examination	**Subjects**	**Board**	**University**	**Division**	**Percentage**	**Year of Passing**
Matriculation	English, Maths, Science	P.S.E.B	Tagore Model High School	First	76%	2005
Senior Secondary	Non-medical	P.S.E.B	Doaba Khalsa model School	First	72%	2007
Graduation B.Tech(Regular)	ECE	P.T.U	CT institute of Engineering, Management and Technology	First Division with Distinction (College Topper)	83.4%	2011
Post Graduation M.Tech(Regular)	ECE	L.P.U	Lovely Professional University	First Division	77.31% CGPA=8.59	2013

SKILLS

Microsoft Office, Xilinx, ModelSim, MATLAB, 8051 Microcontroller.

MEMBERSHIP

IEEE Membership

TRAINING

Organisation	From	To	Training
HCL, Infosystems, Ltd.	June 2009	August 2009	CCNA, Networking
Ducat	October 5, 2010	November 23, 2010	VLSI Technology
HFCL Infotel, Ltd.	Jan 1, 2011	May 25,2011	Telecommunication

JOB PROFILE

Name & Address Employer/Institution	Date of		Designation
	Joining	Leaving	
Punjab Institute of Technology, PTU Main Campus, Kapurthala.	February 6, 2014	June 30, 2015	Assistant Professor
I.K.G.P.T.U Main Campus, Kapurthala	July 8, 2015	August 30, 2016	Assistant Professor
Lyallpur Khalsa College of Engineering	Jan 16, 2017	-	Assistant Professor

MAJOR PROJECT

- Implementation of microcomputer using VHDL language.
- Successfully completed the project on V-LAN management.
- Design a FM radio on simple cardboard.

- Designing the Specifications and circuit of a Multiplexed Display Controller (MDC) using VHDL language.
- LCD with delay interfacing using 8051 controller.

M.Tech THESIS GUIDED

1. Manpreet Singh, "Minimization of End-To-End Delay Using Link Scheduling Scheme In Wireless Sensor Network", Punjab Institute of Technology, PTU Main Campus, Jalandhar, October 2014.
2. Lovedeep Singh, "Lifetime Improvement Using Adaptive Modulation In Wireless Sensor Networks", Punjab Institute of Technology, PTU Main Campus, Jalandhar, October 2014.
3. Prateek Kumar, "Lifetime Enhancement Using Relay Nodes For Connectivity Restoration in Partitioned Wireless Sensor Networks", Punjab Institute of Technology, PTU Main Campus, Jalandhar, June 2015.
4. Shikha, "Improving Energy Efficiency Using Cooperative MIMO Scheme With Data Gathering In Wireless Sensor Network", Punjab Institute of Technology, PTU Main Campus, Jalandhar, September 2015.
5. L R Singh, "Performance Analysis of Amplify and Forward Relaying system for different channels in Communication system", Punjab Institute of Technology, PTU Main Campus, Jalandhar, June 2016.

PAPERS PUBLISHED

1. Priyanka Dayal and Rajeev Kumar Patial, "FPGA Implementation of Reed-Solomon Encoder and Decoder for Wireless Networks 802.16", International Journal of Computer Applications (0975 – 8887), Volume 68-No.16, April 2013.

2. Priyanka Dayal and Rajeev Kumar Patial, "Implementation of Reed-Solomon CODEC for IEEE 802.16 network using VHDL code",

International Conference on Reliability Optimization & Information Technology, Sponsored by IEEE section, 6-8 February 2014.

3. Lovedeep Singh and Priyanka Dayal, "Lifetime Improvement using Adaptive modulation in Wireless Sensor Network", IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501 Vol.4, No5, and October 2014.
4. Manpreet Singh and Priyanka Dayal, "A Novel approach to minimize end-to-end delay in Wireless Sensor Network", International Journal of Wireless Communications and Networking Technologies, Volume 3, No.5, August–September 2014.
5. Manpreet Singh and Priyanka Dayal, "Minimization of End-to-End Delay using Link Scheduling Scheme in Wireless Sensor Networks", 2nd International Conference on computing for Sustainable Global Development by IEEE Section, 11th – 13th March, 2015.
6. Prateek Kumar and Priyanka Dayal, "Fault Mitigation by Topology Management in WSN: A Survey", 4th IEEE International Conference on Communication and Signal Processing-ICCSP'15.
7. Prateek Kumar and Priyanka Dayal, "An Efficient Approach for Relay Node Placement in Wireless Sensor Network", ICSCTI'15.
8. Shikha Dhunna and Priyanka Dayal, "Data Aggregation Algorithms in wireless sensor networks", IJETER, Vol. 1- Issue I, July 2015.
9. L R Singh and Priyanka Dayal, "A Survey on Cooperative Relaying Protocols in Wireless Networks", IJRECE, Vol. 3-Issue 6, Dec 2015.
10. Shikha Dhunna and Priyanka Dayal, "Different Energy Efficient Cooperative Communication Schemes in Wireless Sensor Network: A Survey", IEEE INDICON 2015.

PAPER ACCEPTED

1. Prateek Kumar and Priyanka Dayal, "Lifetime Enhancement using Relay Nodes for Connectivity Restoration in Partitioned Wireless Sensor Network", ICMOCE 2015 at IIT Bhubaneswar.

2. Shikha Dhunna and Priyanka Dayal, "Improving Energy Efficiency Using Cooperative MIMO Scheme With Data Gathering in Wireless Sensor Network", 2nd International Conference on Recent Advances in Engineering and Computational Sciences (RAECS – 2015) to be held on 21st-22nd December 2015 at Panjab University, Chandigarh.

REVIEWED MANUSCRIPT

1. Reviewed the Manuscript submitted to International Conference on Industrial Instrumentation & Control (ICIC 2015).
2. Reviewed the Manuscript submitted at CocoNet 2015, Trivandrum.

PERSONAL PROFILE

Name: Priyanka Dayal

Father's name: Tarsem Chand

D.O.B: November 23, 1989

Marital Status: Single

Category: General

Language Known: English, Hindi, Punjabi

DECLARATION

I hereby declare that above mentioned information is correct and I bear the responsibility for the correctness of the above mentioned particulars.

Priyanka Dayal