

YRRNA SYSTEMS LAB



Online Market Place Based On P2P Networks .

High Throughput Block-Chain Design With Massive Scalability

-Patents-

01	patent Application no. 2513/DEL/2005 – An architecture for rearrangebly nonblocking all optical crossconnect wavelength switching system, India, Granted
02	patent Application no. 2706/DEL/2007 – WDM optical packet switch incorporating fiber bragg grating and circulator, India, Granted
03	patent Application no. 2707/DEL/2007 – All-optical reflector based WDM optical packet switch, India, Granted
04	patent Application no. 202211076914 – Method and system of adjusting display luminescence using artificial intelligence, India, Granted
05	patent no. 543735 – System for providing an automatic shifting of gear in a bicycle and method thereof, India, Granted
06	patent – A Peer-to-Peer (P2P) live streaming and video-on-demand system, India, Filed
07	patent – System for optimizing traffic control at road intersections and method thereof, India, Filed
08	patent – Federated learning-based battery management system for electric vehicles, India, Filed

CORE PILLARS

Research And Development	Technical Expertise	Customization	Quality And Reliability
Our mains focus on R&D allows us to create innovative end to end solutions that meet the evolving needs of our clients.	Our team of highly skilled scientists, researchers, engineers and analyst has extensive expertise in a wide range of technologies, from machine learning to block-chain. Further, we are always open to learn and explore any new skill required for reaching the solution.	We work closely with our customers to understand their specific needs and requirements, and provide customized solutions to meet those needs.	We ensure to learn from every input from clients and users of our technology, and revise the product to achieve continuously improving quality and reliability.

OUR EXPERTISE

Dr. Yatindra Nath Singh Professor (HAG),EE Department	Mr. Nagendra Kumar Singh Sr. Project Engineer,EE Department	Mr. Rahul Bhattacharyya Sr. Research Scholar,EE Department
Email Website	Email Website	Email
Telecom Networks, Telecom Switching Systems, Optical Networks and switching systems, P2P networking, Complex networks, Wireless sensor networks, overlaid multicast systems.	P2P App Development, Embedded System Design and Development, Software Engineering, Framework based Secure Web Application Development, Server based App Development, P2P Networks.	Machine Learning, Blockchain, Microcontrollers (STM32, Arduino, 8051 etc.), Digital Signal Processing, Embedded Programming in C and C++, Embedded software Keil and STM32CubeIDE, Matlab, Python.

Preview

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