

CURRICULUM VITAE

PUSHPENDRA KUMAR CHANDRA

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ACADEMICS

- **MTech (COMPUTER SCIENCE & ENGG)** in 2008 from National Institute of Technology, Rourkela.
- **Post Graduate Diploma in Embedded System & Design (PGDESD)** 2005 from C-DAC Noida.
- **BE (COMPUTER SCIENCE & ENGG)** in 2003 from Rungta College of Engineering & Technology, Bililai, under Ravi Shankar Shukla University, Raipur.

EXPERIENCE

- Currently working as a Assistant Professor in Department of Computer Science and Engineering ITGGV, Bilaspur, Chhattisgarh since August 2011.
- Worked as a Research Associate at NIT Rourkela from 3 Nov 2008 to 9 August 2011.
Project Name : Optical Burst Switching in WDM Network
Sponsoring Agency : Department of Science & Technology (DST), Government of India.
Job Profile : To design a scheduling algorithm for a new channel using minimize contention in OBS network and simulate its parameter using different network simulator.

COMPUTER LITERACY

- Operating Systems : WINDOWS XP, UNIX, LINUX
- Languages : C, C++, FORTRAN

SPECIALIZATION

- Optical Burst Switching
- Distributed Computing

SUBJECTS TAUGHT

- Operating System
- Computer Architecture and Organization
- Introduction to Computer Programming

ACHIEVEMENTS/AWARDS

- Won Gold medal in 50m Butter Fly and Bronze medal in 50m Breststroke in swimming competition, International Student Meet(ISM 2011) held in NIT Rourkela.
- Won Silver medal in 50m Butter Fly and Bronze medal in 100m Butter Fly and Bronze medal in 200m individual medley in swimming competition, Inter NIT Sports Meet 2010 held in NIT Rourkela
- Participated in IEEE XTreme Programming Competition 4.0 , from NIT Rourkela, 23 October 2010.
- Won Silver medal in 50m free style and Bronze medal in 50m Breststroke in state level swimming competition "All Orissa(Open) Swimming Competition" held in Sambalpur 5th September 2010.
- Gold medal for best Paper Award for “Modeling and Analysis to Estimate the Performance of Heterogeneous Cluster for I/O-Intensive Task” in the 50th celebration of Institute of Engineers held at Bhubaneswar in year 2009.
- Won Second Prize in Carrom competition conducted by C. V. Raman Hall of Residence in NIT Rourkela 2008

PUBLICATIONS

- Pushpendra Kumar Chandra, Ashok Kuma Turuk, Bibhudatta Sahoo, “*Survey on Optical Burst Switching in WDM Networks*”, IEEE ICIIS, Kandy, Srilanka, 28-31 December 2009
- Pushpendra Kumar Chandra, Bibhudatta Sahoo “*Performance Analysis of Load Balancing Algorithm for Cluster on Video on Demand Servers*”, IEEE IACC, Patiala, India, 6-7 March 2009.
- Pushpendra Kumar Chandra, Bibhudatta Sahoo “*Dynamic Load Distribution Algorithm Performance in Heterogeneous Distributed System for I/O intensive Task*”, IEEE TENCON, Hyderabad, India, 18-21 November 2008.

- Pushpendra Kumar Chandra, Bibhudatta Sahoo “*Prediction Based Dynamic Load Balancing Techniques in Heterogeneous Clusters*”, International Computer Science and Technology Conference, San Diego California, 31 March – 3 April 2008.
- Pushpendra Kumar Chandra, Bibhudatta Sahoo “*A Novel Load Balancing Algorithm for I/O-intensive Load in Heterogeneous Clusters*”, ICAC, Chikhli, India, 21-22 February 2008.

PROFESSIONAL MEMBERSHIP

- Grade Member of IE
- Member of IAENG
- Member of ACEEE
- Member of IACSIT
- Member of IAOE
- Member of CSTA

SEMINAR/SHORT-TERM COURSES

- Attended research promotion workshop on “*Introduction to Graph and Geometric Algorithm*” held in department of computer science and engineering, NIT Rourkela.
- Attended one day workshop on “*FPGA based system design using Altera tools*” in department of Electronics and Telecommunication, NIT Rourkela.
- Attended workshop on “*LabView 7*” Conducted by TEQIP, in department of Electronics and Telecommunication, NIT Rourkela.

PERSONAL DETAILS

- Date of Birth : 21-03-1981
- Father’s Name : Mr. N.P. CHANDRA
- Nationality : Indian
- Permanent Address : Shanti Nagar Bhilai-3
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