

# CIT and IBM establish links for High Performance Computing (HPC) at CIT



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IBM Blade Server Center



At Press Release

## CIT INKS MOU with IBM India to establish a CIT – IBM centre of excellence for High Performance Computing at CIT in 2009

### IBM sponsored events :

- CIT-IBM Research Promotion Program (RPP 2010) on " High Performance Computing and Cloud Computing" during 8<sup>th</sup> and 9<sup>th</sup> January 2010.
- CIT-IBM Faculty Training Program on "Parallel Programming with X10" during 31<sup>st</sup> May-1<sup>st</sup> June 2010.
- CIT-IBM Faculty Enablement Program on "Multi Core Architecture and Parallel Programming" during 3<sup>rd</sup>-6<sup>th</sup> May 2010
- IBM Road Show on "High Performance Computing (HPC)" during 8<sup>th</sup> and 9<sup>th</sup> April 2011









- Workshops on “Business Analytics” and “Business Intelligence” during 16<sup>th</sup> and 17<sup>th</sup> September 2011 and 6<sup>th</sup> and 7<sup>th</sup> May, 2011.
- Dr. Aruna Ramanathan, IBM, USA presented an invited talk on HPC Modeling and Simulation for Energy Engineering in International Conference in Renewal Energy Utilization (ICREU – 2012).
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#### IBM Awards during 2010-2011

##### (i) Development Projects

S.No	Project Title	Guide Name	Student Name
1	XML Interface to DB2	Ms.S.Sugnathi Ms.V.Sumathi	Rinoy Chacko Immanuel Rajkumar. P Manoj Kumar . N Saradhamani . R
2	Developing Library for Graph Data Structure in X10	Ms.R.Jeyarani Ms.D.Sudha Devi Ms.P.Aruna	Ayesha.J.V.J Coroline Margaret.A Nithya.P Priyadharsini.G Senthil Kumar.D Vivek.C.A

**(ii) Remote Mentoring Projects**

S.No	Project Title	Guide Name	Student Name
1	Director Log Analyzer	Ms.K.ShakthiMala MS.L.Yammuna Devi	Pavithra Saranya Prasanna Priya Dharshini
2	Server Consolidation Tool Virt (V2V) for KVM	Ms.L.Yamunna Devi	S.Sri Bharathi K.P.Anitha M.Anitha
3	Cloud Management Dashboards and Reports	Ms.S.Sugnathi	Arthei.C.K Thushara. R Deepika . R

**(iii) High Performance & Cloud Computing Projects**

S.No	Project Title	Student Name
1	Performance Evaluation of Computation Intensive Tasks in Grids	P.Raghu K.Sriram S.Sivaprakash
2	File Splitter and Merger using OpenMP	B.Satish Kumar N.Sowmya V.Suhacini C.SivaSabharish
3	Applying OpenMP to Signal Processing Applications	S.Sathya Narayanan C.Muruges A.Suganya
4	Private Cloud Using VEC	S.Venkadanathan D.Kaviarasu
5	Developing Library for Graph Data Structure	S.Karthikeyan R.Aravindh
6	Live VM Migration for KVM	S.Sri Bharathi K.P.Anitha M.Anitha