

# IBM University Relations – India

Newsletter – Volume 1 (January – March, 2010)

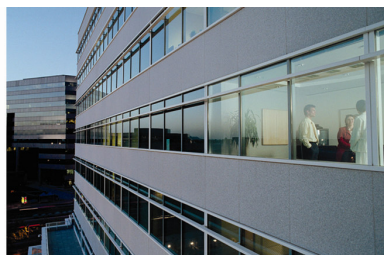
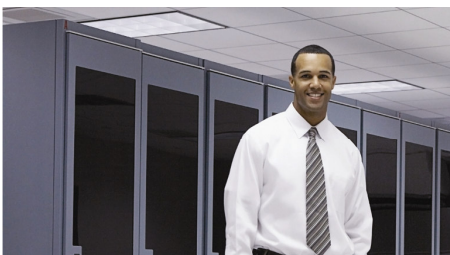


**UNIVERSITY  
RELATIONS**  
**INDIA** - Powering Innovation



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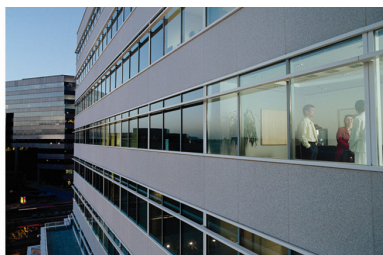
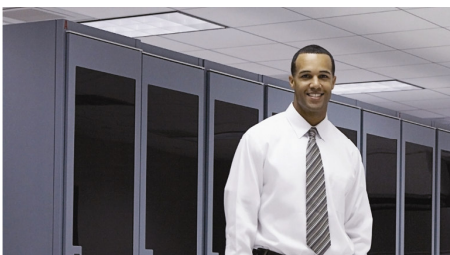


In an increasingly flatter and inter-connected world, organizations no longer look for programmers and support workers. Instead, IT departments are increasingly getting populated with “adaptive innovators” — those with deep education in their home disciplines and ability to think and act across multiple disciplines to meet the challenges of New Economy. Over the next few years, we will see the growth of systems and industries that will control carbon emissions and optimize automobile traffic in major cities; track food moving through the global supply chain; capture and deliver solar and wind energy; and better monitor and improve the quality of health care. We will see concerted efforts to make the world

Smarter. The increased demand for the corresponding business and technology skills will require students to develop a unique skill-set never seen before. This is why IBM is working closely with industry and academia to develop smarter skills that will prepare students for the jobs of tomorrow. This new integrated skill set combines critical thinking, creativity, and innovation with leadership, global awareness, and technology literacy. IBM encourages university innovation through a variety of outreach initiatives that range from technology education, student projects to curriculum enhancement and collaborative research. This is supported by vibrant and sustained interaction with students and academia using IBM academia collaboration platform where academia, students and IBMers come together to discuss, share, build knowledge and future directions leading to innovations for future – a true environment for Social Computing.

This newsletter will serve as a platform to update you on some of the unique initiatives we are undertaking every quarter and help us to connect with you and collaborate in an impactful way. I hope you enjoy reading this newsletter and we look forward to your feedback.

**Amol Mahamuni**  
Program Director, IBM India University Relations



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## IBM Collaboration Portal: Connecting Industry and Academia at one platform

IBM University Relations in India drives various programs and offerings for select universities and colleges in India with the help of a virtual, cross business unit team, based out of different locations in IBM India. The intent of most of these programs is to strengthen - the relations with these institutes, improve the IBM brand image to be able to attract talent and impart industry relevant skills to the students graduating from these schools. Based on the feedback received during the AP University Relations Summit in November 2008, which was attended by over 250 faculty from colleges across India and several IBMers, it was realized that having a collaboration space for the two entities to interact was necessary, thereby allowing for the relations to be taken to the next level.

To register onto the Collaboration platform, and work with the best of the IBM Technology experts, the Faculty may mail to [ibmindur@in.ibm.com](mailto:ibmindur@in.ibm.com), mentioning the Technology Areas of interest.

## Remote Lectures: Imparting quality education through online meeting infrastructure

In line with the Smarter Planet agenda and with intent to drive effective collaboration with Universities IBM University Relations launched an on-line meeting infrastructure in 2009 which brings together IBMers, faculty and students across the world, on a single virtual platform, cutting across geographic boundaries. This on-line real time meeting infrastructure powered by Webex allows IBM experts to conduct lectures and training remotely.

Technology hubs from IBM conduct lecture series to equip students on Gen-next technologies. University Relations offered following lectures during Jan – March.

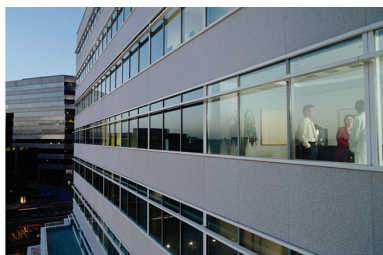
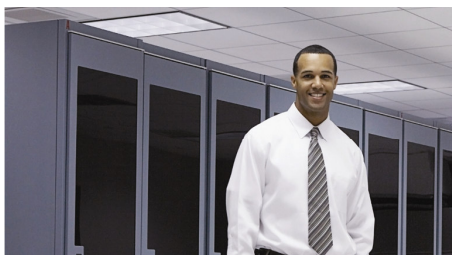
SOA Lecture Series - SOA hub successfully conducted the lecture series in January & February covering the following topics

- SOA Fundamentals concepts
- SOA Foundations and Architecture
- SOA Programming Model (Tool and Runtime)
- ESB/BPM/SOA Management (Security and Governance)
- SOA Case Studies and Scenarios

Students from NIT Surathkal, CIT, PSG-Tech, Amrita University, BIT Mesra, NIT Kurukshetra, IT-BHU, SASTRA, BITS Pilani, VNIT Nagpur, IIIT-Pune, IIIT-Bangalore, IIIT-Allahabad, MIT Pune, PICT, VJTI & MKU participated in these lectures.

Web 2.0 Lecture Series - Web 2.0 hub covered the following topics in February and reached out to students at CIT, NITK-Surathkal, COE Pune, NIT Kurukshetra, Anna University, SASTRA University, NIT Durgapur, IT-BHU, MKU, MIT Pune, PSIT Kanpur & GMRIT.

- Why Web 2.0
- Web 2.0 enabling technologies Ajax, Rest etc
- Web 2.0 Applications-Blogs, Wikis Social Networking, Mashups etc
- Social Networking and Analysis
- Live Demo of Web 2.0 Applications



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## Remote Mentoring

With a mission to establish long term technical collaboration with academia and enrich the student community with leading technologies, IBM UR has initiated the Remote Mentoring Program in select Institutes to mentor the students on short term projects involving IBM Products, Gen-next technologies and IT services delivery.

With large number of workforce getting employed in the IT services industry it is very appropriate to impart knowledge and train students, on tools and techniques in addition to technical skills that would help them to be more aligned to the needs of this industry.

Remote Mentoring is a unique program designed to provide challenging Problem Scenarios to the students, help them learn the project delivery concepts and enhance their presentation skills. This program will further encourage students to Innovate and Publish their ideas. Students deliver the projects from on campus facilities.

Further details:

- Students of CS/IT branches who are interested to do remote mentoring with IBM are requested to contact their HoD/Faculty who in turn can mail the request to [ibmindur@in.ibm.com](mailto:ibmindur@in.ibm.com) mentioning the Technology Areas of Interest
- On request from the Faculty, the problem Scenarios in the chosen Technology Area are shared with the Faculty who chooses the top students meeting the IBM selection criteria to work on those Projects. Further the Students and the Faculty have to register themselves on the Collaboration Platform which helps them to sustain the connections with the IBM technical Experts acting as mentors.
- Apart from the exchanges on the Collaboration Platform, the students and Faculty can use IBM's Webex Platform for real-time exchanges through Presentations and Remote Exchanges
- Faculty Mentors will be given awards for the Top Performing projects (as determined by IBM experts objectively) to engender competitiveness and deep interest in the projects. The Services Centered Projects are expected to trigger new thought process both in technology as well as the delivery aspect of the Services leading to students experiencing the innovation in services.
- Students whose projects have been selected for awards will get special Certificates and their projects would be showcased to the Larger Academic Community through the IBM's collaboration platform.

- Being remote in nature this program overcomes the limitation of time, period and space. Students and faculty can work at their time and place of choice using facilities at the campus.

**Updates from June – Dec 2009 cycle:** A total of 14 remote mentoring projects were initiated in this cycle with IIT Kanpur, IIT Guwahati, NIT Durgapur, NIT Surathkal, VJTI, COE Pune, IIIT Hyderabad and Vellore Institute of Technology.

A panel of judges evaluated these projects based on the Innovation, business value, technical merit, value to the students and project management at the end of the program cycle.

The project that emerged to be the overall the winner is "Practitioner Support Network" which was done by the students of VJTI under the guidance of Anindo Ghosh from IBM and Prof. A. A. Pandit from VJTI. This project is Star Project of this cycle.

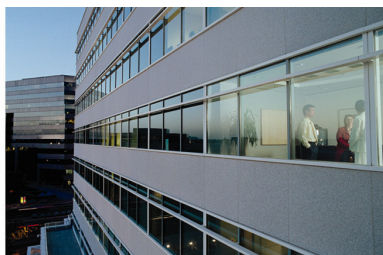
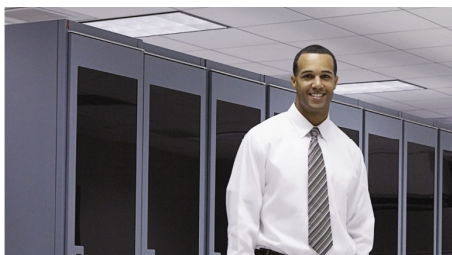
UR India congratulates the following students of the winning team as well as the project guides!!!!

Students	Project Guides
Ammar S. Kantawala Vipul B.Jadhav Pawan D. Choure Ashish S. Bangar	Anindo K. Ghosh - IBM Prof. A.A.Pandit - VJTI

A special mention of the project which followed the winner very closely was "Network Behavior Analysis" also happen to come from VJTI and was executed under the guidance of Ajitkumar D Hatti from IBM and Prof. Prof. Anala A. Pandit from VJTI. This project had outstanding score on the Innovation aspect.

We recognize the students of this team, Abhijeet Parande, Akash Wakodkar, Aditya Patil, Vibhuti Thakkar, Priyanka Agrawal for working on this innovative solution.

**Updates from 2010 RM program:** University Relations has come up with variety of projects to offer in 2010. More than 30 projects are already offered to the students at IIIT Hyderabad, Anna University, VNIT Nagpur, MSRIT, NIT Surathkal, Punjab Engineering College, CIT, IT-BHU, ISI, COE Pune, NIT Trichy, NIT Warangal, VJTI Mumbai and IIIT Allahabad.



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## IBM Technical Contest

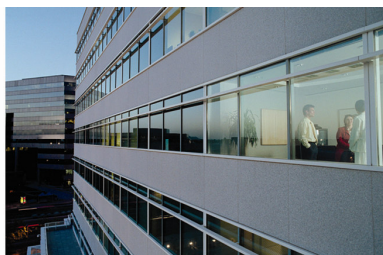
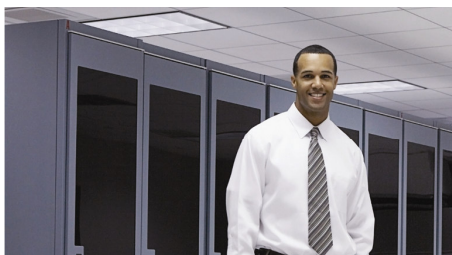
To ignite the innovation spirit of the young minds and to speed them on industry-relevant technologies, IBM has chosen the popular Technical Festivals of the Focus Institutes as the platform to host a highly competitive, challenging and rewarding Event called the "IBM Technical Contest" through which the Technology Cream of the Community gets recognized from among the Thousands of Participating Students. The iconic Contest offers attractive prizes like Laptops and iPods for the Winners and attractive T-shirts for the enthusiastic Participants.

During Q1, 2010 IBM University Relations hosted 16 Gen-Next technology contests with 5000 enthusiastic students participating in these contests.



Here's a snapshot of all the contest organized in this quarter.

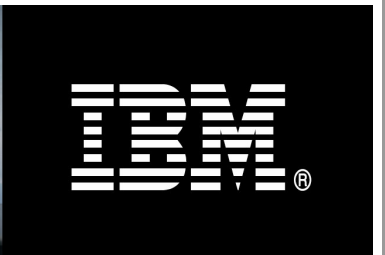
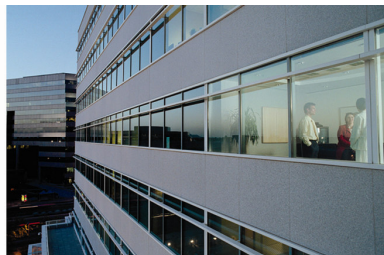
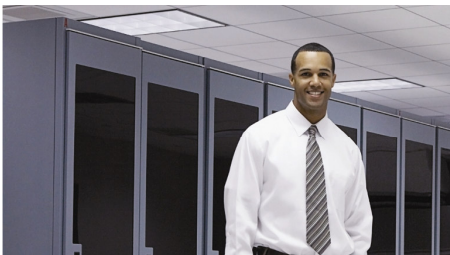
College Name	Event Name	Technology Area	Winner Names
Anna University	Kurukshetra 2010	Cloud Computing	Winner: Naveen 1 <sup>st</sup> Runner-up: Jagadish 2 <sup>nd</sup> Runner-up: Sathya Prakash. K
IIT Kharagpur	Kshitij	Enterprise Computing	Winner : Ashish Shubham 1 <sup>st</sup> Runner-up: D. V. Balasubrahmanyam 2 <sup>nd</sup> Runner-up: Saket Chaudhary
NIT Kurukshetra	Literati 2010	Cloud Computing	Winner: Nishant, NIT Kurukshetra 1 <sup>st</sup> Runner-up: Mohit Gupta, NIT Kurukshetra 2 <sup>nd</sup> Runner-up: Nitin Gupta, NIT Kurukshetra
ISI Kolkata	INTEGRATION 2010	IOD	Winner: Kishaloy Halder [I.E.M. (B.Tech) 1 <sup>st</sup> Runner-up: Parantapa Goswami, ISI Kolkata (M.Tech) 2 <sup>nd</sup> Runner-up: BIPUL KARANI, IIT Kharagpur



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BESU Kolkata	Instruo 2k10	Green IT	Winner: Rahul Kumar Bhadani, BESU 1 <sup>st</sup> Runner-up: Rajdeep Mukherjee, Jadavpur University 2 <sup>nd</sup> Runner-up: Piyali De, WBUT
VJTI College of Engg, Mumbai	Technovanza 2010	Green IT	Winner: Ashotosh Singh - Don Bosco College of Engg. Vidyavihar, Mumbai 1 <sup>st</sup> Runner-up: Rebeck Carvalho - Don Bosco College of Engg, Vidyavihar, Mumbai 2 <sup>nd</sup> Runner-up: Sudarshan Shetty - VJTI, Mumbai 2 <sup>nd</sup> Runner-up: Deepak M Purohit - Amravati college of Engg, Amravati
IIIT Hyderabad	Felicity	IOD	Winner: Aditya Desai 1 <sup>st</sup> Runner-up: G. Bhardawaj 2 <sup>nd</sup> Runner up: Aditya Kiran Noori
NIT Durgapur	AAROHAN 2010	IOD	Winner - RAJNISH JAGNANI 1 <sup>st</sup> Runner-up - SIDDARTH CHOWDHARY 2 <sup>nd</sup> Runner up - VIKAS KUMAR
SVNIT	Mindbend 2010	Web 2.0	Winner - Ganesh Iyer 1 <sup>st</sup> Runner-up - Kevin Patel 2 <sup>nd</sup> Runner-up - Khushraj Madhani
IIT Delhi	Tryst 2010	Cloud Computing	Winner: G Avinash 1 <sup>st</sup> Runner-up: Vivek Maithani 2 <sup>nd</sup> Runner-up: Nitesh Mor
RVCE	IOTA 2010	Cloud Computing and Virtualization	Winner - Bharat Balegere 1 <sup>st</sup> Runner Up - Vishal 2 <sup>nd</sup> Runner Up - Preetham
BITS Pilani	Apogee 2010	Web 2.0	Winner - Gaurav Shahlot 1 <sup>st</sup> Runner-up - Vineet Pandey 2 <sup>nd</sup> Runner-up - Mayank Abhishek
Jadavpur University	Srijan 2010	Cloud Computing	Winner: Aaquib UI Hassan, IEM 1 <sup>st</sup> Runner-up: Anindya Pakhira, Jadavpur University 2 <sup>nd</sup> Runner-up: Sougata Roy, IE&IT , Durgapur
HBTI Kanpur	INCORD 2010	IOD	Winner - Shivam Gupta 1 <sup>st</sup> runner-up - Shaswat 2 <sup>nd</sup> runner-up - Himanshu Buckchash
PICT Pune	Impetus and Concepts 2010	Web 2.0	Winner - Kunal Dilip Maniyar, AVCOE, Sangamner 1 <sup>st</sup> Runner-up - Pooja Rajeshwarkar, BIGCE, Solapur 2 <sup>nd</sup> Runner-up - Smriti Vaidya, PICT, Pune
IIT Roorkee	Cognizance 2009	SOA	Winner - Venkatesh V. 1 <sup>st</sup> Runner-up - Atul Bagga 2 <sup>nd</sup> Runner-up - Gurbinder Singh Gill



## Shared University Research Grant: IBM comes up with two key research projects on green technologies with IIT Delhi and IIT Roorkee

IBM University Relations has announced its Shared University Research (SUR) awards for IIT Delhi and IIT Roorkee to promote research in areas of mutual interest. The SUR awards will drive key projects across these institutes and strive to connect research and researchers at the universities with IBM experts in similar fields of work. Under this grant, a project titled System Level Optimization for Energy Efficient Computing has been agreed and will be started shortly between IBMs Center for Advanced Studies (CAS) at the India Software Lab (ISL) and the institute. The research project with IIT Roorkee on Center of Research in Data Mining will help in understanding the behavior of earth's ecosystem, detecting changing patterns in the forest cover of India, and predicting natural disasters.

### Smart Energy

In the context of the Shared University Research award that has been given to IIT Delhi, the study aims to look at system level optimization for energy efficient computing. Memory is a very essential part of energy management and in this project with IBM is focusing at making the systems more memory aware as part of the optimization process. In a nutshell, the project tries to identify memory mapping strategies for reducing energy.

This study on energy efficient computing essentially targets computer systems at a larger scale and tries to device ways to bring in power efficiency at the micro level computer and processor architecture.

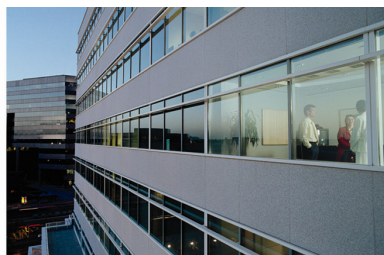
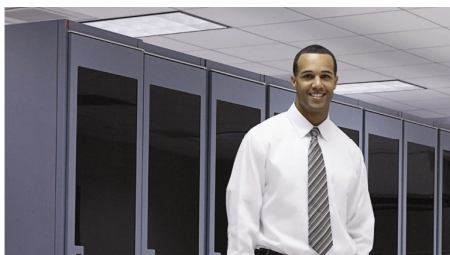
Energy efficient computing is the need of the hour and most of the IT companies are focusing towards developing technologies on that. This study is aimed to contribute significantly towards this initiative and develop newer techniques for the same. The key focus area of this research work is to understand the power load on various servers and computers in a data center and device techniques and system configurations to bring uniformity in the distribution of power that will allow huge energy saving.

### Mapping the Data

The research activities on data mining that has been planned by IIT Roorkee aims to establish a data mining research lab in the department of electronics and computer engineering at the institute wherein research on data mining, business analytics, particle analysis, and analytics laid business making will be done. With digitization, huge amount of data is generated regularly across the world and is estimated at 15 petabyte. Mapping the data is essential to understand which are the actual data that are required to be stored. At IIT Roorkee the study will be conducted on time series data analysis from a smarter planet perspective.

The project aims at understanding the behavior of earth's ecosystem, detecting patterns in changes in the forest cover in India, and prediction of natural disasters. In addition, the research also aims at understanding the semantic relation between unstructured data like email or text messages, blurbs, biometric data. It also try to establish some hybrid techniques to do true and efficient data mining to discover the semantic relation between these unstructured data. Apart from time series data the research also focuses on developing new data mining techniques for unstructured data created out of applications like email, text messages or any other web content.

The key research area under this collaboration is studying time series data mining techniques. Time series data are the data collected over periods of time that are generated by various applications used across the world. Meteorological data is one such example and this study will focus on that. Meteorological data is of great importance in terms of global warming and finding ways towards developing a smarter planet. Through this research, IIT Roorkee is trying to use the existing data; analyze it in developing new, efficient and scalable data mining techniques and algorithms for analyzing time series data. It is also analyzing the earth science data, mainly of the Indian subcontinent, for understanding the behavior of earths ecosystem, detecting pattern of changes in forest cover in India, finding patterns of changes in rainfall or the intensity of rainfall, correlation between temperature and rainfall, green hub gas emission, among others. These findings can prove to be extremely vital towards detecting natural disasters in advance, so we can figure out measures to protect our resources.



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## Short term course in High Performance Parallel and Enterprise Computing

Department of Computer Science, IIT Kharagpur in association with IBM is planning a short term course in in High Performance Parellel and Enterprise Computing from April 12 – April 18, 2010. The course has been approved by AICTE and Faculty Members from AICTE Approved Institutions (Sponsored Candidates), MTech/PhD Students, IT Professionals and Technicians with knowledge of Programming are eligible to enroll for this course.

More details on this course can be found at <http://cse.iitkgp.ac.in/conf/hpcpp/index.html>

## Faculty Awards announced

Faculty Awards for Cycle II, 2009 were announced early this year. University Relations congratulates Prof. Y. Narahari, IISc Bangalore and Prof. Susmita Sur-kolay, ISI Kolkata for having been chosen for this highly competitive worldwide award.

Prof. Narahari proposed the project on “Design and Analysis of Service Delivery Systems With Multiple Delivery Options: A Mechanism Design Approach” and Prof. Sushmita will be working on “DFM aware global routing” project with this award.

The IBM Faculty Awards is a competitive worldwide program intended to:

- Foster collaboration between researchers at leading universities worldwide and those in IBM research, development and services organizations; and
- Promote courseware and curriculum innovation to stimulate growth in disciplines and geographies that are strategic to IBM.

Faculty Award Cycle I, 2010 is in progress and we expect more faculty with past research credentials in the areas of IBM interest to interact with the IBM experts and participate in the upcoming cycles of the Award Program.

More details on Faculty Awards are available at [www.ibm.com/developerworks/university/facultyawards/](http://www.ibm.com/developerworks/university/facultyawards/)

## IBM Ph.D. Fellowship announced for 2010-2011

IBM announces the Ph.D. Fellowship awards for 2010-2011 program. This year’s Fellowships awards were extremely intense. We received several hundred nominations world wide and carefully deliberated on all the candidates and their credentials as provided in this year’s Fellowship program. 70 bright students from top universities across the globe received this prestigious fellowship. **Sahely Bhadra** from Department of Computer Science and Automation, IISc is a proud recipient of this global award from India. Sahely is doing her research with Prof. Chiranjib Bhattacharya and IBM wishes her success in all her endeavors. This award recognizes our long commitment to encourage higher studies in academia.

These include: computer science and engineering, electrical and mechanical engineering, physical sciences (including chemistry, material sciences, and physics), mathematical sciences (including optimization), business sciences (including financial services, communication, and learning/knowledge), and service science, management, and engineering (SSME).

You can go through our webpage [www.ibm.com/developerworks/university/phdfellowship/](http://www.ibm.com/developerworks/university/phdfellowship/) for detailed description about this program.



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## Gen-Next Curriculum

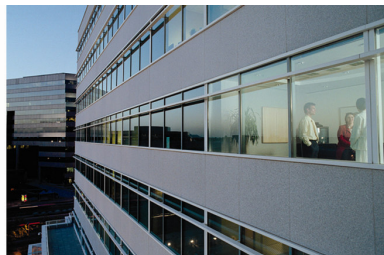
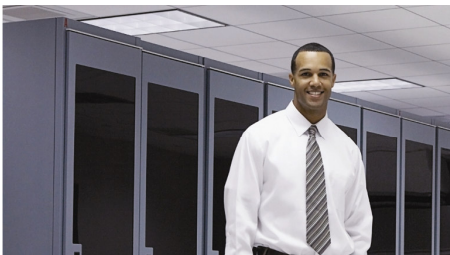
Recognizing the increasing demand from the Universities for Curricula that tops up the Fundamental stream with the highly Industry relevant courses, IBM UR has designed a series courseware based on the Next Generation Technologies such as SOA, Information on Demand, Web 2.0, HPC, Nano, Green IT, Cloud Computing, IT Services Management, Enterprise Computing etc. In some cases, these courseware are jointly developed with the Faculty to suit to the Standards and Content of the University Curricula. IBM Supports the adoption of the courseware by Universities with Faculty Enablement Program, Expert Lectures through the Webex Platform, Distribution of the Course contents in the form of Presentations through DVD's, a lot of Reference Literature, Case Studies for the Lab Sessions and very importantly Remote Mentoring for the Students desiring to apply the learning at the end of the course. IBM also nominates its best experts with Academic Orientation to the Board of Studies to suggest the appropriate Industry Needs from the Curricula Design. IBM also has been providing part or full curricula content for non-computer science streams like BTech (IT), MCA, MSc (Information Science) etc.

IBM UR welcomes the request from the Faculty to obtain further details on the Gen-Next Courseware and the interested faculty may write to [ibmindur@in.ibm.com](mailto:ibmindur@in.ibm.com) or [sudaro@in.ibm.com](mailto:sudaro@in.ibm.com).

IBM University Relations marked huge success in its curriculum campaign with Anna University, NITK Surathkal and NIT Warangal, three leading technical institutes having agreed to accept IBM developed coursewares in their curriculum. The Multicore Architecture jointly developed by IBM with Dr. Thamarai Selvi of MIT, Anna University has been approved by the Anna University Board of Studies Committee and formally added to both M.E Computer Science and M.Tech Information Technology syllabus. This is a great win as Anna University plans to officially formulate the curriculum at it's affiliated colleges as well.

NITK Surathkal has requested us to design the coursewares on High Performance Computing and Cloud Computing to fit their need.

NIT Warangal has agreed to conduct an elective course on Cloud Computing for M-Tech students in coming semester. IBM Experts will be preparing the entire curriculum for the course. The course will talk about various facets of cloud computing and technologies used with highlights on various IBM products and services like the BlueCloud, Cloudburst, Lotus Live (as a part of SaaS), TSAM and so on. IBM will help college to set up the lab and run the practical classes of the course. IBM Experts will also handle part of the course either in person or through the webex channel.



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## IBM Develothon 2010: 40 days, 41 Technical sessions, 27 Cities, 2 Cars, 1 Team

The IBM developerWorks India/SA team known for their extensive skill coverage and evangelization, have set another ambitious agenda for 2010 - a Developer Skill Marathon!

Styled in the very successful and novel unconference style, the campaign scheduled to start on March 22, 2010 has been named the **IBM Develothon 2010**.

From March 22, 2010 the developerWorks India team started on the campaign from Mumbai in two cars, and over the next 40 days, will drive across the length and breadth of India, conducting developerWorks Technical Briefings sessions in 14 cities geared towards skilling the Indian developers on emerging technologies and trends. Similar briefings will also

be conducted across 27 academic institutions along the way having an IBM Center of Excellence.

Develothon 2010 is a program aimed at helping the software developer and student community in India to develop skills in newer technology areas. The world of information technology is extremely competitive and dynamic. This calls for constant upgrading of skills - high-value skills beyond simple programming or system administration. And IBM has taken educating different kinds of communities very seriously and intends to take the skills and capabilities of individual developers and students to a completely new level through Develothon.

Watch the Develothon unfold on the developerWorks India group at IBM's premier community portal My developerWorks

### Related Links

[developerWorks on facebook](http://www.facebook.com/pages/developerWorks-India/262680496235): <http://www.facebook.com/pages/developerWorks-India/262680496235>

[developerWorks on My developerWorks](https://www.ibm.com/developerworks/mydeveloperworks/groups/service/html/communityview?communityUuid=96960515-2ea1-4391-8170-b0515d08e4da):

<https://www.ibm.com/developerworks/mydeveloperworks/groups/service/html/communityview?communityUuid=96960515-2ea1-4391-8170-b0515d08e4da>

[Thread on Develothon](https://www.ibm.com/developerworks/mydeveloperworks/groups/service/forum/topicThread?topicUuid=5693c05e-234c-4798-8022-bc607edc7a1d): <https://www.ibm.com/developerworks/mydeveloperworks/groups/service/forum/topicThread?topicUuid=5693c05e-234c-4798-8022-bc607edc7a1d>

[IBM Develothon 2010 kicks off in Mumbai](http://www.ciol.com/Developer/Developer/News-Reports/IBM-Develothon-2010-kicks-off-in-Mumbai/133485/0/): <http://www.ciol.com/Developer/Developer/News-Reports/IBM-Develothon-2010-kicks-off-in-Mumbai/133485/0/>

[IBM announces 'Develothon 2010'](http://in.news.yahoo.com/241/20100322/1274/ttc-ibm-announces-develothon2010.html): <http://in.news.yahoo.com/241/20100322/1274/ttc-ibm-announces-develothon2010.html>

[IBM announces 'Develothon 2010'](http://www.indianexpress.com/news/IBM-announces--Develothon-2010-/594086/): <http://www.indianexpress.com/news/IBM-announces--Develothon-2010-/594086/>

[IBM Announces 'Develothon 2010', Organizes 27-City Road Show](http://www.itnewsonline.com/news/IBM-Announces-Develothon-2010,-Organizes-27-City-Road-Show/17220/8/1): <http://www.itnewsonline.com/news/IBM-Announces-Develothon-2010,-Organizes-27-City-Road-Show/17220/8/1>



## IBM Academic Initiative

Providing In demand skills  
for an On Demand world



**For a limited time, the Academic Initiative is offering the IBM System z Mastery test (a \$95 USD value) at no charge.**

The IBM System z Mastery Test is a proficiency exam for entry level system programmer tasks that can be taken at over 5000 authorized Prometric sites around the world.

### ***Why is the IBM System z Mastery test important?***

- The test provides an avenue for students to prove their z/OS knowledge and expertise and distinguish themselves from other job candidates.
- Businesses all over the world are looking for students with z/OS mainframe knowledge.
- IT Industry Analysts consider the Mastery Test the standard for entering the mainframe job market.

### ***Who is eligible to participate?***

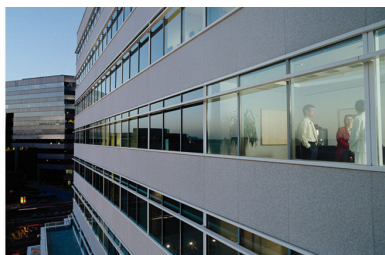
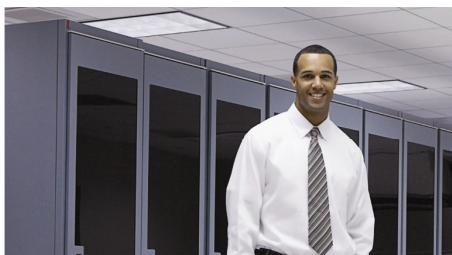
- IBM Academic Initiative faculty members
- Students who are enrolled full-time or part-time at an accredited educational institution

### ***Preparing for the test***

- **Educators:** This test is based on the [Introduction to Mainframes: z/OS Basics](#) course provided by the IBM Academic Initiative.
- **Students:** If you are not able to take a formal System z mainframe course at your school, you can use our self-study resources to prepare on your own.

Find out more at:

<http://www.ibm.com/developerworks/university/systemz/masterytest/>



# IBM University Relations – India

Newsletter – Volume 1 (January – March, 2010)

## The Great Mind Challenge 2009 – Results



Results for The Great Mind Challenge 2009 (TGMC), the country's premier project development contest for students, are out! After an intense competition between 112,000 students across over 1500 Engineering and MCA colleges across the country, the final round results were declared on April 13, 2010. TGMC is proving itself to be the largest software development contest for Engineering students with huge participation year after year. The Top 20 teams and Top 30 colleges have been declared. The final winners from amongst these Top 20 teams will be revealed at the Felicitation ceremony which will happen during May 2nd week of 2010 at Bangalore.

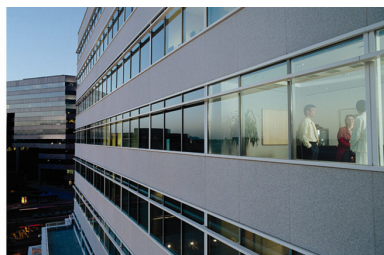
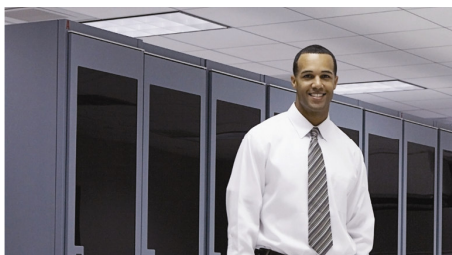
More details here -

[http://www.ibm.com/in/university/greatmind/tgmc\\_2009.html](http://www.ibm.com/in/university/greatmind/tgmc_2009.html)

## Academic Initiative Symposium

The Academic Initiative team hosted 20 eminent Academicians from across India over a 2 day workshop during the Venture Partnering Symposium held on March 31 - Apr 1, 2010 at the Leela Palace, Bangalore. On the 31st of March, a group discussion with these Academicians hosted by Mr. Mark Hanny, Vice President, Academic Initiative, IBM and Ms. Janet Klein, Director, ISV and Developer Relations, IBM- saw the team discussing the need for **Smarter Students for a Smarter Planet**.

On April 1, this group was joined by some more Academicians from Karnataka to attend the Panel Discussion - **Building Skills for a Smarter Planet** - hosted by Mr. Jim Corgel (General Manager - ISV and Developer Relations, IBM). The panelists included **Professor S. Sadagopan**, IIT, Bangalore, **Dr. Sandhya Chintala**, Director, Education Initiative, Nasscom, **Dr. Hemant Abhyankar**, Director, VIT, Pune and **Professor Aditya Shastri**, Vice Chancellor, Banasthali Vidyapith.



# IBM University Relations – India

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## University Relations Team

Program	Contact
UR Collaboration Platform	Mahesh Paradhkar
IBM Technical Contest	Raj K Sharma
Remote Mentoring	Devkant Aggarwal
Center for Advanced Studies (CAS)	Thekkepat A Pramod
Shared University Research Grants (SUR) and Faculty Awards	Sudar Oli
Curriculum Consultation	Sudar Oli
Academic Initiative	Himanshu Goyal
developerWorks	Himanshu Goyal

To contact any of the above, you can drop a note to India University Relations Cell at [ibmindur@in.ibm.com](mailto:ibmindur@in.ibm.com) with the contact name and purpose in the subject line.

### Contact Information

*Email:* [ibmindur@in.ibm.com](mailto:ibmindur@in.ibm.com)

### Links:

*UR Web:*

- [www.ibm.com/in/ur](http://www.ibm.com/in/ur)
- [www.ibm.com/university](http://www.ibm.com/university)

*Academic Initiative:*

- [www.ibm.com/in/academicinitiative](http://www.ibm.com/in/academicinitiative)
- [www.ibm.com/developerworks/university/academicinitiative](http://www.ibm.com/developerworks/university/academicinitiative)

*CAS:*

- <https://www.ibm.com/ibm/cas/sites/India>
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