

Report from the Contest Director

The contest challenges students, working in three-person teams, to rely on their programming skills and creativity during a five-hour battle of logic, strategy, and mental endurance. Students solve complex problems using both traditional and new software development tools. Out of 275 teams participated in the online contest on November 3, 2012, we selected top 65 teams for the onsite contest at IIT Kanpur. Composition of these teams are as follows:

No. of Teams	North	South	East	West	Foreign	Total
Registered	173	52	20	26	2	273
Onsite Contest	33	20	5	5	2	65

No. of Teams	Male	Female	Total
Registered	746	71	817
Onsite Contest	189	3	192

I am proud to inform you that the 14th ACM International Collegiate Programming Contest [Asia Region Kanpur Site] was conducted successfully at the Indian Institute of Technology Kanpur (India). It is a matter of great honor to be able to host this contest for the thirteenth time in a row. I am happy to say that the Contest really went off very well. This was largely due to the wonderful teamwork of IIT Kanpur.

Teams started arriving on the campus from December 10, 2012 night onwards with lot of hopes, ideas and enthusiasm. On December 12, 2011, Professor A. K. Chaturvedi, Dean of Research & Development, Indian Institute of Technology Kanpur welcomed all the contestants for this mega event. Professor Indraneel Manna, Director, Indian Institute of Technology Kanpur talked about the ACM ICPC at IIT Kanpur. There was a key-note speech delivered by the distinguish speaker, Mr. Rajeev Palanki, Manager, Java Technology Center, IBM India Software Limited, IBM India. Title of the talk was *Rock Art and Rockets: The Journey of Java and why Java needs you more than ever*. Abstract of the talk is given in Appendix.

To enable contestants to become familiar with the environment, on December 12, 2012 we had a practice session, which started at 3:00 PM and continued till 4:00 PM. On December 13, 2012 the contest began at 9:30 AM. It was of five hours duration. There were 11 problems.

Results were declared on December 13, 2012 at 6 PM by Professor Ashok Kumar, Vice-Chancellor, CSJM Kanpur University, Professor A. K. Chaturvedi, Dean of Research & Development and Professor A. K. Ghosh, Dean of Students' Affairs, Indian Institute of Technology Kanpur, Kanpur, India. We are glad to announce that Amirkabir University of Technology, Iran (Team Name: Deadly Army of AUT) is the Winner of the Contest. The team could solve 5 out of 11 problems with a penalty point of 741. There are 3 more teams who could solve 5 problems. Paradigm Shift of Indian Institute of Technology Indore has become the

runner-up with 745 penalty points. There are 8 teams who could solve at least 4 problems while 12 teams could solve 3 problems. There are 13 teams who solve 2 problems. Further, all teams who have participated the contest could solve at least 1 problem. Results are available on our web site <http://www.cse.iitk.ac.in/users/acm/ranks.htm>

The Contest provided a platform where our future programmers, professionals, industries and government organizations worked together. It would have been impossible to organize this event without the wonderful support I received from everyone. My grateful thanks to all the contestants, coaches, all team members of Directi, ACM contest organizers, the IIT Kanpur administration, department colleagues, my working committees, volunteers, service providers, and a lot of people who helped from both within and outside the Institute. I also thank the media for providing wide publicity to this contest.

Phalguni Gupta
Contest Director, ACM ICPC Kanpur Site

Rock Art and Rockets: The Journey of Java and why Java needs you more than ever

Mr. Rajeev Palanki
Manager,
Java Technology Center, IBM Software Labs
Bangalore

Synopsis

The talk is about the journey of Java, current challenges, trends that are driving the next wave of innovation in Java and your role in the future of Java. We'll look at the beginnings of Java and the circumstances that made Java the world's dominant programming ecosystem. We will examine the benefits of having the right mix of business and open source participation. We will use all those insights to examine today's new challenges. We will dwell on the hardware and software trends that are shaping the future direction for Java. Then we'll talk about your role and how you get to make the future Java.



Mr. Rajeev Palanki is a manager with the Java Technology Center, IBM Software Labs and works extensively on the Java Runtime technologies. He currently leads the Java Customer Council initiative- an endeavour to enable customers leverage the capabilities of the IBM Java Runtime. Mr. Rajeev is a frequent speaker in the conference circuit and has presented in several conferences and seminars on various aspects of Java Technologies.

Rajeev's current efforts are focused on bringing the customer perspective into the product line and he regularly interacts with the developer community. He has conducted several technical workshops on Runtime Problem Determination and Performance Tuning, authored technical articles and contributes to developer forums. He has keen interest in Performance Engineering and is an active participant in initiatives pertaining to the same.

Mr. Rajeev has a BE degree in Computer Science from Government Engineering College, Bhopal.