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About the School

(www.iitism.ac.in)

IIT(ISM) Dhanbad is one of the oldest institutions in India established in the year 1926. It was established on the lines of Royal School of Mines-London under the name Indian School of Mines located in Dhanbad, Coal Capital of India. Indian School of Mines started by offering Mining Engineering, Applied Geology, Applied Physics, Applied Chemistry, Applied Mathematics and gradually started offering core courses of Computer Science, Electrical, Electronics etc expanding from Earth Sciences to technical side.

Later in the year 2016, Indian School of Mines was converted into a full fledged IIT and renamed as Indian Institute of Technology(Indian School of Mines), Dhanbad.

With a clear intent of the institution to improve the amount of research and projects in the institution, it has invested most of it's resources dedicated towards the projects and research.

About the Chapter

(https://ism.acm.org/)

IIT(ISM) Dhanbad ACM Student Chapter was established in 2011 to address the needs of the IIT(ISM) Dhanbad computing community. The chapter organizes various events including talks, workshops, coding competitions, development competitions, many other technical and non technical events covering various areas to excel and caters to the 1000 students enrolled in computing related disciplines as well as numerous enthusiasts from all other disciplines.

With over 1400 paid members, our chapter is one of the biggest chapters in India. Our Chapter constitutes of all sorts of majors from Computer Science, Mathematics and Computing to Electrical, Electronics, Mining, Mechanical etc. The chapter serves as a dynamic hub of activities where those that are passionate about different fields come to meet, interact, and learn from one another.

IIT(ISM) Dhanbad ACM Student Chapter has established its unique aura by magnifying the level of computer programming, software development, extra circular activities and digging up the quality of being technologically adroit.

Facebook - https://www.fb.com/acm.iitismdhn

ESSAY: CHAPTER ACTIVITIES

IIT(ISM) Dhanbad ACM Student Chapter started out last year with the agenda of transcending the societal dogmas such as computing being restricted to coding and coding only. The Big Data workshop conducted by Mr.Ramu Malur, a Walmart labs data engineer, pioneered these efforts. With over 200 attendees, our chapter had begun its efforts to widening the public's and even more so, a student's perspective of computing.

This was soon followed by ACM Spring of Code, a competition held along the lines of GSOC. With over 30 teams competing against each other and a plethora of students pestering every other open source contributor for pointers, it successfully accomplished the goal of inculcating the open source culture amongst budding engineers irrespective of their discipline.

We at IIT(ISM) Dhanbad ACM Student Chapter realize that one needs to consolidate one's coding skills before diving into any of the diverse fields of computing, and henceforth continued our endeavors to encourage competitive coding through our flagship contests Ode-de-Code and Powerpuff coders. Ode-de-Code has grown into a stand-alone contest over the years and it is our pleasure to report an 68.75% percent growth in participation, with over 540 participants garnered through extensive promotion and marketing. Last year witnessed second instalment of Powerpuff coders as well, a unique contest aimed at promoting coding amongst girls, which attracted quite a few eyeballs and received accolades from corporate juggernauts such as Goldman Sachs, who belauded the execution of the event, and expressed their intentions to partner-up with our chapter for an event in the future.

Soft skills play a pivotal role in today's world, and we wished to promote the importance of the same. As the result, we partnered with the literary society of IIT-Dhanbad and organized IIT-Dhanbad's maiden literary fest- Excelsior last year. The event was promoted extensively and consisted of the 154 registrants attending workshops and seminars on writing official documents and public speaking, conducted by Distinguished Toastmaster Ayan Pal, who also released his latest book at the 2-day event.

With over 523 attendees, "Hour of Code" was organized by the chapter as a part of the global

movement during the computer science week with an intent to create awareness among students in the diverse fields of computing. The second iteration of "GOOGOL", a national level coding event along the lines of ACM-ICPC was also organized with 839 coding enthusiasts from different organizations competing against other.

We also publicized ACM-ICPC rigorously and as the result, 7 of the 40 teams that represented our college in ACM-ICPC went on to the regionals, with 2 teams moving on to participate in the national finals. This year also marked the inception of Special Interest Groups for cryptography, development and mobile app development, which took off in a grandiose manner with over 170 registrants. With the cornerstone for a diverse and exuberant chapter laid, we look forward to effectively executing our plans for the coming year.

Event links-

ASOC-https://ism.acm.org/event.php?eve=125

Big Data using Hadoop-https://ism.acm.org/event.php?eve=126

Excelsior-https://ism.acm.org/event.php?eve=127

GOOGOL-https://ism.acm.org/event.php?eve=130

Hour of Code- https://ism.acm.org/event.php?eve=129