Cyber Srishti 2016 – A Two Day Technical Festival

(May 7 – 8, 2016)

Jaypee Institute of Information Technology, Noida

(Declared Deemed to be University under Section 3 of UGC Act, 1956)

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Cyber Srishti 2016 – A Two Day Technical Festival

(May 7 – 8, 2016)

General Introduction

For nearly 10 years, Jaypee Institute of Information Technology (JIIT), Noida had been regularly organising an annual exhibition of Student Projects. In 2014, this event was scaled up into a larger 2 day long IT Symposium, Cyber Srishti 2014. In addition to the project exhibition it included several other technical events, competitions and invited talks. Similar events had been organized during the second edition of Cyber Srishti in 2015.

In this series, the third edition of Cyber Srishti had been conducted on May 7 – 8, 2016. This year (2016) the scope of Cyber Srishti was further expanded to include many new events and much larger student participation. These events included, (1) Project Exhibition, (2) Execute 16.1, (3) Automation, (4) Circuit Mania, (5) Jaypee Premier League, (6) Invited Talk, (7) Hackathon, (8) Code Simulate and Debug, (9) Code Breaker, (10) Poster Paper Presentation, (11) Creative Design, (12) Hydrophilic, (13) Start-up Weekend, and (14) Socio-technical Debate. In this edition, student participation had been majorly observed from both campuses of JIIT (Sector 62 and Sector 128). In all, more than 1700 participations had been observed in above mentioned events.

Besides the inaugural speech of the Chief Guest, Mr. Ravish Tayal, Director, ITAAS Engineering, Cognizant, participants in Cyber Srishti 2016 were enlightened through the talks and interactions of many experts / JIIT Alumni from industries and entrepreneurs, *e.g.* Manoj Mittal (Principal consultant at Consulting Civil/Structural Engineer), Abhinav Mathur (Chairman – Founder Catalyst and member of Indian Angel Network), Anup Kalbalia (Tech Lead at CodeChef), Nikhil Wason (Co-founder, Cardback), Nakul Batra (Senior Associate at Desai & Diwanji), Vaibhav Ajay Gupta (Co-founder and CTO at StudySolo), Vipul Khare (Co-founder, Radical Logix), Mayank Bhola (Senior Software Engineer at PressPlay TV), Praveen Singh (Lead Android Developer at Instaoffice.in), and Ankur Anand (Instaoffice Business Solutions Private Limited).

From the Desk of Vice Chancellor

It gives me pleasure to learn that institute is bringing out the report of the Cyber Srishti 2016 organised by the Department of Computer Science Engineering and Information Technology in association with Departments of Electronics and Communication Engineering, and Biotechnology.

It was indeed a pleasure to witness the enthusiasm of the students of JIIT and other institutions for participation in technical events. I am also happy to learn about the intensive participation of JIIT Students in organising this activity along with faculty. I am hopeful that such activities will generate a competitive environment in the students and widen their horizon and perspective.

I congratulate the faculty coordinators, student coordinators, event coordinators (faculty and students) for successful organisation of the event.

Prof. S. C. Saxena

From the Desk of Dean of Students
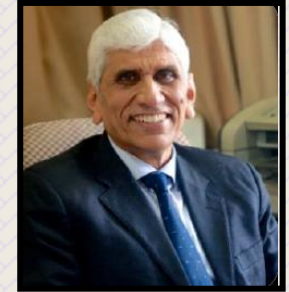
"The basis of all (progress) is that you bring all treasures of knowledge under your control."

Cyber Srishti, now an annual event, provides ample opportunity to the students to showcase their skills in a competitive environment. This year specially, witnessed an amazing response from the students as they enthusiastically took part in various competitions exploiting their talent fully to create a name for themselves.

Technical events such as Project Exhibition, Execute, Automation, Circuit Mania, Hackathon, Code Simulate Debug, Hydrophilic, *etc.* provided a platform to the participating students to imbibe spirit of camaraderie, team play, and organising abilities. These technical events encouraged the students to think out of box, stretch their imagination beyond the text book, learn to use their knowledge with presence of mind in live competitions. Events like Socio-Technical Debate, Poster Paper Presentation, Quiz, and Start-up Weekend, *etc.* were also very popular. Student enthralled the audience with their talent and impeccable presentation and organising abilities.

Bringing around 1700 participations in different events by the students of different branches together was one of the biggest highlight of this Tech Fest. It gives a sense of pride when college Alumni returns to the college, judge events and are keynote speakers. I wish the students and organisers very best and hope they will gradually scale up the level of Cyber Srishti making it the most sought event.

Commodore K. K. Rohatgi,
VSM (Retd)

Table of Contents

Inauguration (May 07, 2016, 09:30 – 10:00 AM)

Jaypee Institute of Information Technology, Sector 62, Noida organised a two day technical festival, "Cyber Srishti 2016" from 7 to 8 May 2016. Prof. S. C. Saxena, Vice Chancellor, JIIT, Noida inaugurated the technical festival on 7th May 2016. Shri Ravish Tayal, Director, ITAAS Engineering, Cognizant was the chief guest for the Inauguration Ceremony. The inauguration ceremony included, Lamp lighting, Saraswati Vandana, Vice Chancellor's address to the audience, Address by Chief Guest, and Instrumental (classical) performance. Besides, Vice Chancellor and Chief Guest, the Inauguration Ceremony was attended by Prof. H. O. Gupta Director, (JIIT Sector 128 Campus), Noida, Dean (A&R), Dean (RID), Dean of Students, Dean (Sector 128 Campus), HODs of different departments at JIIT, Faculty members of both campuses (Sector 62 and Sector 128), and around 800 student participants and volunteers.

Photographs: Inauguration Ceremony

1. Vice Chancellor, Prof. S. C. Saxena addressing the audience during inauguration ceremony

2. Presentation of welcome bouquet to Chief Guest Shri Ravish Tayal

3. Audience including student participants, faculty, and invited guests at Jaiprakash Sabhagar during inauguration ceremony

4. Chief Guest Shri Ravish Tayal addressing the audience during inauguration ceremony

Project Exhibition (May 07, 2016, 10:00 AM – 01:00 PM):

It was a 3 Hr. event, organised on the first day where participants showcased 49 student projects (maximum 4 students per project). These projects spanned over various areas of Information Technology – Mobile Computing, Embedded Systems, Wearable Computing, Image Processing, Intelligent Systems, Cloud Computing, Web Applications, Data Mining, *etc.* List of Projects displayed during the exhibition is listed in Appendix 'B'.

Winners:

Category – Software:

Vatsalya Yadav (4th yr., CSE)

Category – Hardware:

Shubham Thakur (3rd yr., ECE), Pradeep Tomar (3rd yr., ECE), Tarini Bhardwaj (3rd yr., ECE), and Pankaj Sharma (3rd yr., DUAL-ECE)

Execute 16.1 (May 07, 2016, 10:00 AM – 01:00 PM):

It was a 3 Hr. long battle of algorithms and programming skills (Onsite competitive programming) conducted on CodeChef platform (https://www.codechef.com/EXCT1601). Participants in team of maximum 3 students were asked to develop optimized algorithms for given 8 problems. Total 225 teams participated in the event. Presence of Chief Guest, Shri Ravish Tayal, many JIIT faculty members and Mr. Anup Kalbalia, Tech Lead at CodeChef motivated the participants to perform well.

Winners:

1st: Sameer Gulati (1st yr., CSE)

2nd: Following nine teams had been tied for the 2nd place

(a) Yash Chauhan (2nd yr., CSE), Chandni Garg (2nd yr., CSE), and Sweta Singh (2nd yr., CSE); **(b)** Hardik Gulati (2nd yr., CSE), Priyank Jain (2nd yr., CSE), and Priyanshu Sinha (2nd yr., CSE); **(c)** Shubham Jain (3rd yr., CSE) and Ayush Bansal (3rd yr., CSE); **(d)** Sanyam Batra (2nd yr., CSE), Kamaljeet Singh (2nd yr., CSE), and Manobhav Jain (2nd yr., CSE); **(e)** Chetan Kanjani (3rd yr., CSE) and Sameer Bishnoi (3rd yr., CSE); **(f)** Chetan Deep Singh Pahuja (4th yr., IT); **(g)** Gurleen Sethi (2nd yr., CSE) and Angelic (3rd yr., CSE), **(h)** Akshay Vasandani (2nd yr., CSE), Prateek Bhargava (2nd yr., IT), and Himanshu Gera (2nd yr., IT); **(i)** Ayush Khanduri (JIIT Sector 128) and Rishabh Jain (JIIT Sector 128)

Photographs: Project Exhibition

A1. Chief Guest, Shri Ravish Tayal and Dean of Students, JIIT, Cmde. K. K. Rohatgi exploring the hardware based project made by the participant
A2. Chief Guest, Shri Ravish Tayal interacting with the participants

Photographs: Execute 16.1

B1. Participants spread over the entire auditorium (Jaiprakash Sabhagar) during 3 Hr. long competitive programming
B2. Online evaluations (on CodeChef platform) of the submitted code at round tables near podium at the auditorium

A1 B1
A2 B2

Automation (May 07, 2016, 10:00 AM – 05:30 PM, and May 08, 2016, 10:00 AM – 01:00 PM):

It was a team event where participants were asked to build an autonomous robot capable of following a black line on a white surface. The event was conducted on both days of the fest. First day was a screening round in which top 8 teams qualified for second round which completed on second day on a new task and arena. Total 35 teams (maximum 4 participants per team) participated for screening round on day one.

Winners:

1st: Harsh K Singh (1st yr., CSE), Shivam Yadav (1st yr., ECE), Aman K Singh (1st yr., CSE), and Parth Abbot (1st yr., ECE)

2nd: Saurabh Verma (1st yr., CSE), Lakshay Khanna (1st yr., CSE), Siddharth Pachauri (1st yr., CSE), and Karan Gandhi (1st yr., INTGT- CSE)

3rd: Arundhati Ghose (JIIT Sector 128), Monika Agarwal (JIIT Sector 128), and Hardik (JIIT Sector 128)

Circuit Mania (May 07, 2016, 10:00 AM - 01:00 PM / 02:30 – 05:30 PM and May 08, 2016, 10:00 AM - 01:00 PM):

It was a team event where after elimination rounds, student participants were asked to build, complete or correct the electronic circuits as per the given requirement. It was conducted on both days of the fest. Total 23 teams (maximum 3 students per team) participated in elimination rounds on day one. Prof. R. C. Jain (Head, Dept. of ECE) and many JIIT faculty members motivated the participants to perform well.

Winners:

1st: Kshitiz Kumar (3rd yr., ECE), Pallav Kumar (3rd yr., ECE), and Aman Vaishya (3rd yr., ECE)

2nd: Shivam Shukla (2nd yr., ECE), Vinayak Tripathi (2nd yr., ECE), and Manish Sachan (2nd yr., ECE)

3rd: Shubham Bansal (3rd yr., ECE), Abhilash Tyagi (3rd yr., ECE), and Shreyansh Sharma (3rd yr., ECE)

Photographs: Automation

A1. Prof. S. C. Saxena (Vice Chancellor), Shri Ravish Tayal (Chief Guest), Prof. Hari Om Gupta (Director, JIIT, Sector 128), Cmde. K. K. Rohatgi (Dean of Students), and Prof. Sanjay Goel (Head, Dept. of CSE/IT) interacting with the participants

A2. Participants performing with their automated robots on the given arena

Photographs: Circuit Mania

B1. Students participating in the elimination round

B2. Participants designing the circuits during final round of the event

A1 B1
A2 B2
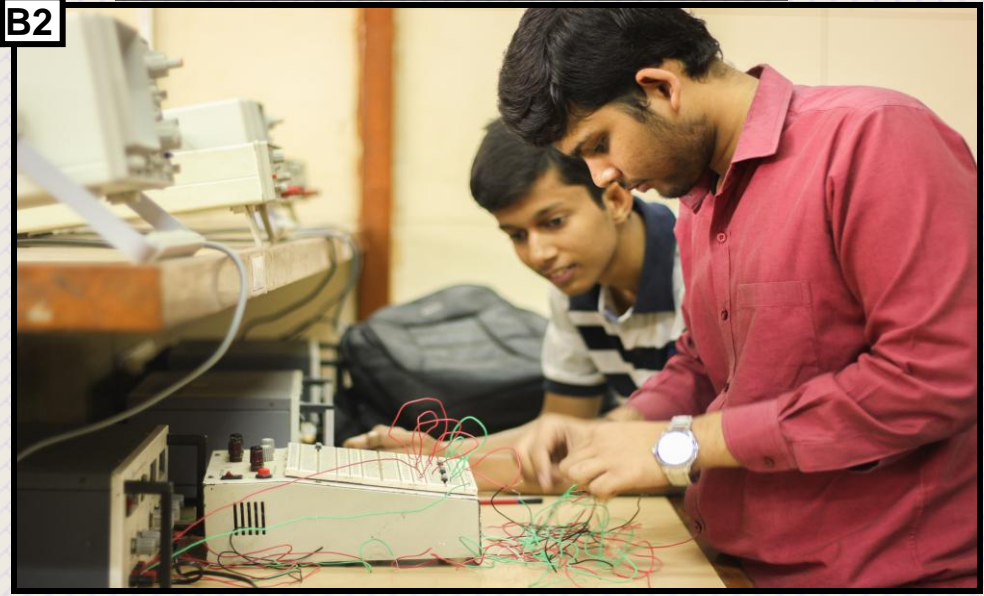
Jaypee Premier League (May 07, 2016, 01:00 – 02:30 PM and May 08, 2016, 12:00 – 01:30 PM / 05:30 – 06:30 PM):

It was a technical quiz, which was conducted in three rounds and spread over two days during the fest. Round one was held on the first day and was actively participated by 79 teams each consisting of maximum two members. 23 teams qualified for the second round. The finals saw six teams competing against each other. Many JIIT faculty members motivated the participants to perform well in different rounds of the event.

Winners:

1st: Shreyansh Sharma (3rd yr., ECE) and Shubham Bansal (3rd yr., ECE)

2nd: Atin Agnihotri (2nd yr., CSE) and Yash Bharadwaj (2nd yr., CSE)

3rd: Sumi Saxena (2nd yr., ECE)

Invited Talk (May 07, 2016, 02:30 PM – 05:30 PM):

This event was conducted on first day of the fest. Panel of 6 guests comprising of distinguished entrepreneurs, corporate lawyers and investors gave valuable information on different aspects of entrepreneurial development. The speakers included, Manoj Mittal (Principal consultant at Consulting Civil/Structural Engineer. Talk Topic: "Consulting enterprise"), Abhinav Mathur (Chairman – Founder Catalyst and member of Indian Angel Network. Talk Topic: "How to get funding"), Nikhil Wason (Co-founder, Cardback, Talk Topic: "How card Back Started"), Nakul Batra (Senior Associate at Desai & Diwanji. Talk Topic: "Legal issue of Stratups"), Vaibhav Ajay Gupta (Co-founder and CTO at StudySolo. Talk Topic: "My Journey as enterprise"), and Vipul Khare (Co-founder, Radical Logix, "Always Says Yes").

Photographs: Jaypee Premier League

A1. One of the event coordinators (student) presenting the event

A2. Participants performing in the elimination round (Round one)

Photographs: Invited Talk

B1. Manoj Mittal delivering a talk during the event

B2. Nakul Batra delivering a talk during the event

JAYPEE PREMIERE LEAGUE

WELCOME

DEFINITIVE AGREEME

- Investment Agreement (S
- Shareholders' Agreement
- Escrow Agreements
- Non-Compete Agreements
- Employment Agreements
- ESOPs

Hackathon (May 07, 2016, 02:30 – 09:30 PM):

It was a 7 Hr. long team event where participants were required to develop a working solution like Android app, Web app, *etc.* on spot using various technologies for the given problem domain. Total 41 teams (maximum 4 students per team) participated in the event. Anup Kalbalia (Tech Lead at CodeChef) and many JIIT faculty members motivated the participants to perform well. JIIT alumni, Mayank Bhola (Senior Software Engineer at PressPlay TV), Praveen Singh (Lead Android Developer at Instaoffice.in), and Ankur Anand (Instaoffice Business Solutions Private Limited) mentored and evaluated the projects made by the participants.

Winners:

- **1st:** Neeti Kavathia (3rd yr., CSE), Sanchit Garg (3rd yr., CSE), and Chetan Kanjani (3rd yr., CSE)
- **2nd:** Dixit Goyal (3rd yr., CSE), Vaibhav Bansal (3rd yr., CSE), Tejasv Chhari (2nd yr., CSE), and Shivan Trivedi (2nd yr., CSE)
- **3rd:** Shaunak Chadda (1st yr., CSE), Prabhat Shukla (1st yr., CSE), Avinash Sharma (1st yr., CSE), and Prashant Chahal (1st yr., CSE)
- **Consolation Prize:** Srijan Goel (2nd yr., ECE), Aditya Agrawal (2nd yr., CSE), Shashwat (2nd yr., CSE), and Yash Agrawal (2nd yr., CSE)

Code, Simulate, and Debug (May 08, 2016, 09:00 AM – 12:00 PM):

It was a team event where students were asked to debug the errors related to HTML, CSS, and Java Script. Later, they were also required to code the entire backend of a website. It was conducted on second day of the fest. Total 23 teams (3 students per team) participated in the event. Cmde. K. K. Rohatgi (Dean of Students) and many JIIT faculty members motivated the participants to perform well.

Winners:

- **1st:** Pooja Lodhi (3rd yr., DUAL-CSE), Omji Mishra (3rd yr., DUAL-CSE), and Annpoorna E. (3rd yr., DUAL-CSE)
- **2nd:** Shreyansh Sharma (3rd yr., CSE), Yogesh Kaushik (3rd yr., IT), and Vishal Bisht (3rd yr., IT)
- **3rd:** Pranav Sharma (JIIT Sector 128), Divij Bhatia (3rd yr., CSE), and Aditya Jain (3rd yr., CSE)

Photographs: Jaypee Premier League

A1. Participants making projects during the 7 Hr. long Hackathon
A2. Anup Kalbalia (Tech Lead at CodeChef) motivating the participants

Photographs: Code, Simulate, and Debug

A1. Student coordinators resolving the queries of participants
A2. Participants writing and debugging the code during the event
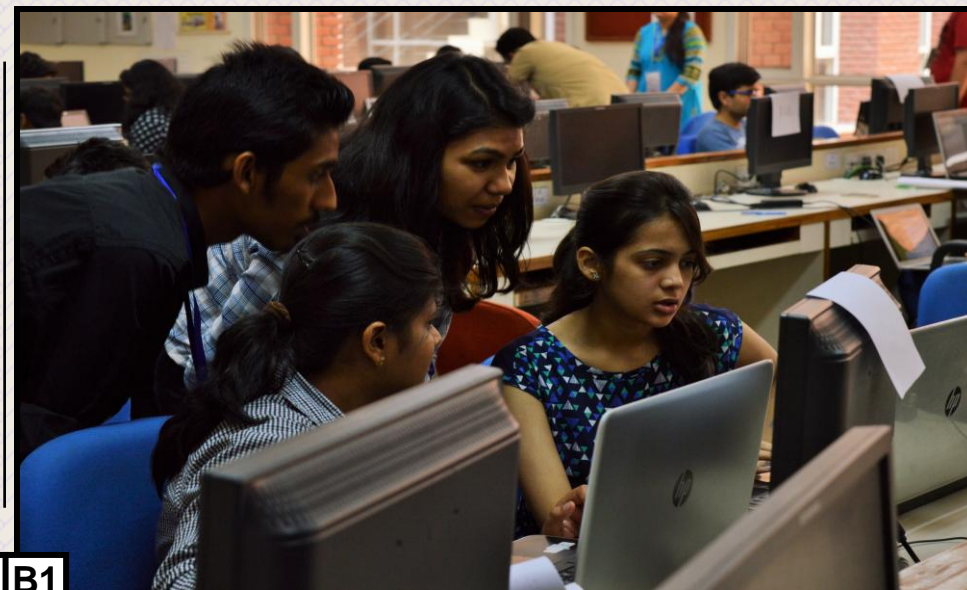
Code Breaker (May 07, 2016, 05:30 – 06:30 PM, and May 08, 2016, 09:00 – 11:00 AM):

It was a team event. Participants were treated as forensic experts and supposed to identify the suspects where only clue left behind was a hair strand. It was conducted on both days of the fest. Total 44 teams (2 students per team) participated in the event.

Winners:

- **1st:** Amil Khare (2nd yr., ECE) and Priyansh Gupta (2nd yr., ECE)
- **2nd:** Aatish Bansal (2nd yr., CSE) and Shubham Chawla (2nd yr., CSE)
- **3rd:** Aditi Khare (3rd yr., DUAL-BioTech), and Tanmay Dutta (3rd yr., CSE)

Poster Paper Presentation (May 08, 2016, 10:00 AM – 01:00 PM):

It was a group event where participants (maximum 4 students per group) were asked to present a poster paper in various domains of engineering and technology. Total 9 poster papers had been presented in the event. Presence of Prof. R. C. Jain (Head, Dept. of ECE) and other faculty members motivated the participants to confidently present their poster papers.

Winners:

- **1st:** Priyank Bhatt (3rd yr., IT), Akshit Monga (3rd yr., IT), and Mayank Garg (3rd yr., IT)
- **2nd:** Harshit Saini (3rd yr., BioTech), Abhishek Negi (3rd yr., DUAL-BioTech) and Soumya Singh (3rd yr., BioTech)
- **3rd:** Nischay Gupta (4th yr., ECE) and Piyush Pandey (4th yr., ECE)

Creative Design (May 08, 2016, 01:00 – 03:30 PM):

It was a team event, where students were asked to design a unique monument or building which represents India. They were provided with junk material like thermocol/cardboard sheets, thermocol bowls and glasses, *etc*. It was conducted on second day of the fest. Total 18 teams (maximum 4 students per team) participated in the event.

Winners:

- **1st:** Prafull Pandey (1st yr., CSE) and Tanya Gupta (1st yr., CSE)
- **2nd:** Nikitasha Sharma (1st yr., INTGT-CSE), Aakash Verma (1st yr., INTGT-CSE), and Amit Kumar Singh (1st yr., INTGT-CSE)
- **3rd:** Md. Shuja Reshi (1st yr., CSE) and Khyati Sehgal (1st yr., CSE)

Photographs: Code Breaker

A1. Participants resolving their queries with event coordinators

Photographs: Poster Paper Presentation

B1. One of the participants presenting his paper in the event

Photographs: Creative Design

C1&C2. Participants designing monuments / buildings *etc.* using junk material.

INTERVALOMETER

* An intervalometer is a device which counts intervals of time. For instance, an intervalometer might activate something every 30 seconds.

* In this case, we want our shoot script to be activated as often as possible (Less than 2-3 seconds) or whatever shutter speed is suitable for version of camera.

* We upload that script in the SD Card of the camera.

Hydrophilic (May 07, 2016, 02:00 – 05:30 PM):

It was the team event where participants explored the basic day to day life materials and chemicals to purify the water. It was conducted on second day of the fest. Total 40 teams (2 students per team) participated in the event. Presence of many JIIT faculty members motivated the participants to perform well.

Winners:

1st: Hari Dutt Parashar (1st yr., IT) and Manish Sachan (2nd yr., ECE)

2nd: Shashwat (1st yr., ECE) and Shivank Tiwari (1st yr., CSE)

3rd: Simmi Gupta (1st yr., BioTech), and Abhinav Gupta (3rd yr., ECE)

Start-up Weekend (May 08, 2016, 12:00 – 02:30 PM):

It was a team event, where participants (maximum 4 students per team) were asked to present their start-up ideas and business plans in front of the jury comprising JIIT faculty members, Dr. Rajneesh Mishra, Dr. Shikha Mehta, Dr. Anuja Arora, and Mr. Prashant Kaushik. Total 8 teams presented their start-up plans in the event.

Winners:

1st: Saurabh Rai (3rd yr., IT), Prince Tripathi (3rd yr., IT), Chirag Dhawan (3rd yr., IT), and Abhishek (3rd yr., IT)

2nd: Apoorv Singhal (3rd yr., CSE), Sambhav Jain (3rd yr., CSE), and Sarthak Arora (3rd yr., IT)

3rd: Manogya Tiwari (MTech, CSE), Rishabh Jain (MTech, CSE), Priyadarshini (MTech, CSE), and Neha (MTech, CSE)

Socio-technical Debate (May 08, 2016, 03:30 – 06:30 PM):

It was a team event (2 students per team) where students were asked for the conventional debate and group discussions on the social aspects of the implementation of technology, *e.g.* how threatening can artificial intelligence get? Total 12 teams participated in the event.

Winners:

1st: Akhil Puri (2nd yr., CSE) and Sanchi Mishra (2nd yr., ECE)

2nd: Harsh Gupta (Modern School, Delhi) and Kaartikeya Agarwal (Modern School, Delhi)

3rd: Pawan K. Jha (1st yr., ECE) and Tanuja Nailwal (1st yr., INTGT-ECE)

Photographs: Hydrophilic

A1. Participants attempting to purify the water

A2. Chemicals and day to day life materials provided to the participants

Photographs: Start-up Weekend

B1. Members of one of the participating teams discussing with the jury members

Photographs: Socio-technical Debate

C1. One of the event coordinators presenting the event to the participants

A1 B1
A2 B2
C1

Prize Distribution (May 08, 2016, 06:30 – 09:30 PM)

Prize distribution ceremony was conducted on second day of the fest where Certificate of Merit and Cash Prizes, 1st – Rs. 5000/-, 2nd- Rs. 3000/-, and 3rd – Rs. 2000/- were given by Prof. Padam Kumar (Dean, RID) and Prof. R. C. Jain (Head, Dept. of ECE) to the winners of each event (excluding Invited Talk). Besides three prizes, consolation prize (Rs. 500/-) for fourth team had been given in the event, "Hackathon". Besides the first prize (Rs. 5000/-), 9 teams tied for the 2nd spot in the event, "Execute 16.1" and each team had been awarded the Cash Prize of Rs. 1000/-. In "Project Exhibition", Certificate of Merit and Cash Prizes (Rs. 5000/-) had been given to the top teams in following categories: Software and Hardware. Besides prize distribution, several cultural performances (music, dance, *etc.*) had been performed during Prize Distribution Ceremony.

Photographs: Prize Distribution

1. Prof. Padam Kumar (Dean, RID) presenting Certificate of Merit to the winners

2. Prof. R. C. Jain (Head, Dept. of ECE) presenting Certificate of Merit to the winners

3. Participants after performing the Bhangra dance

4. Group photograph of the organising team (Student/Faculty)

Appendix 'A'
Cyber Srishti 2016 – Participation Summary and Winners in Each Event

S. No.	Event Name	Participation Details	Winners		
			First	**Second**	**Third**
1	Project Exhibition	49 Projects (Maximum 4 students per project)	Category S/w: Vatsalya Yadav (4th yr., CSE) Category H/w: Shubham Thakur (3rd yr., ECE), Pradeep Tomar (3rd yr., ECE), Tarini Bhardwaj (3rd yr., ECE), and Pankaj Sharma (3rd yr., DUAL-ECE)		
2	Execute 16.1	225 teams (Maximum 3 students per team)	Sameer Gulati (1st yr., CSE)	Following **nine teams had been tied for the 2nd place**: **(a)** Yash Chauhan (2nd yr., CSE), Chandni Garg (2nd yr., CSE), and Sweta Singh (2nd yr., CSE); **(b)** Hardik Gulati (2nd yr., CSE), Priyank Jain (2nd yr., CSE), and Priyanshu Sinha (2nd yr., CSE); **(c)** Shubham Jain (3rd yr., CSE) and Ayush Bansal (3rd yr., CSE); **(d)** Sanyam Batra (2nd yr., CSE), Kamaljeet Singh (2nd yr., CSE), and Manobhav Jain (2nd yr., CSE); **(e)** Chetan Kanjani (3rd yr., CSE) and Sameer Bishnoi (3rd yr., CSE); **(f)** Chetan Deep Singh Pahuja (4th yr., IT); **(g)** Gurleen Sethi (2nd yr., CSE) and Angelic (3rd yr., CSE), **(h)** Akshay Vasandani (2nd yr., CSE), Prateek Bhargava (2nd yr., IT), and Himanshu Gera (2nd yr., IT); **(i)** Ayush Khanduri (JIIT Sector 128) and Rishabh Jain (JIIT Sector 128)	
3	Automation	35 Teams (Maximum 4 students per team)	Harsh K Singh (1st yr., CSE), Shivam Yadav (1st yr., ECE), Aman K Singh (1st yr., CSE), and Parth Abbot (1st yr., ECE)	Saurabh Verma (1st yr., CSE), Lakshay Khanna (1st yr., CSE), Siddharth Pachauri (1st yr., CSE), and Karan Gandhi (1st yr., INTGT-CSE)	Arundhati Ghose (JIIT Sector 128), Monika Agarwal (JIIT Sector 128), and Hardik (JIIT Sector 128)
4	Circuit Mania	23 Teams (Maximum 3 students per team)	Kshitiz Kumar (3rd yr., ECE), Pallav Kumar (3rd yr., ECE), and Aman Vaishya (3rd yr., ECE)	Shivam Shukla (2nd yr., ECE), Vinayak Tripathi (2nd yr., ECE), and Manish Sachan (2nd yr., ECE)	Shubham Bansal (3rd yr., ECE), Abhilash Tyagi (3rd yr., ECE), and Shreyansh Sharma (3rd yr., ECE)
5	Jaypee Premier League	79 Teams (Maximum 2 students per team)	Shreyansh Sharma (3rd yr., ECE) and Shubham Bansal (3rd yr, ECE)	Atin Agnihotri (2nd yr., CSE) and Yash Bharadwaj (2nd yr., CSE)	Sumi Saxena (2nd yr., ECE)
6	Invited Talk	**(1) Manoj Mittal** (Principal consultant at Consulting Civil/Structural Engineer), **Title:** "Consulting enterprise", **(2) Abhinav Mathur** (Chairman – Founder Catalyst and member of Indian Angel Network), **Title**: "How to get funding", **(3) Nikhil Wason** (Co-founder, Cardback), **Title:** "How card Back Started", **(4) Nakul Batra** (Senior Associate at Desai & Diwanji), **Title:** "Legal issue of Stratups", **(5) Vaibhav Ajay Gupta** (Co-founder and CTO at StudySolo), **Title:** "My Journey as enterprise"), and **(6) Vipul Khare** (Co-founder, Radical Logix), **Title:** "Always Says Yes"		

#	Event	Participation			
7	Hackathon	41 Teams (Maximum 4 students per team)	Neeti Kavathia (3rd yr., CSE), Sanchit Garg (3rd yr., CSE), and Chetan Kanjani (3rd yr., CSE)	Dixit Goyal (3rd yr., CSE), Vaibhav Bansal (3rd yr., CSE), Tejasv Chhari (2nd yr., CSE), and Shivan Trivedi (2nd yr., CSE)	Shaunak Chadda (1st yr., CSE), Prabhat Shukla (1st yr., CSE), Avinash Sharma (1st yr., CSE), and Prashant Chahal (1st yr., CSE) **Consolation Prize**: Srijan Goel (2nd yr., ECE), Aditya Agrawal (2nd yr., CSE), Yash Agrawal (2nd yr., CSE), Shaswat (2nd yr., CSE)
8	Code, Simulate, and Debug	23 Teams (Maximum 3 students per team)	Pooja Lodhi (3rd yr., DUAL-CSE), Omji Mishra (3rd yr., DUAL-CSE), and Annpoorna E. (3rd yr., DUAL-CSE)	Shreyansh Sharma (3rd yr., CSE), Yogesh Kaushik (3rd yr., IT), and Vishal Bisht (3rd yr., IT)	Pranav Sharma (JIIT Sector 128), Divij Bhatia (2nd yr., CSE), and Aditya Jain (2nd yr., CSE)
9	Code Breaker	44 Teams (2 students per team)	Amil Khare (2nd yr., ECE) and Priyansh Gupta (2nd yr., ECE)	Aatish Bansal (2nd yr., CSE) and Shubham Chawla (2nd yr., CSE)	Aditi Khare (3rd yr., DUAL-BioTech), and Tanmay Dutta (3rd yr., CSE)
10	Poster Paper Presentation	9 Poster Paper (Maximum 4 students per team)	Priyank Bhatt (3rd yr., IT), Akshit Monga (3rd yr., IT), and Mayank Garg (3rd yr., IT)	Harshit Saini (3rd yr., BioTech), Abhishek Negi (3rd yr., DUAL-BioTech) and Soumya Singh (3rd yr., BioTech)	Nischay Gupta (4th yr., ECE) and Piyush Pandey (4th yr., ECE)
11	Creative Design	18 Teams (4 participants per team)	Prafull Pandey (1st yr., CSE) and Tanya Gupta (1st yr., CSE)	Nikitasha Sharma (1st yr., INTGT-CSE), Aakash Verma (1st yr., INTGT-CSE), and Amit Kumar Singh (1st yr., INTGT-CSE)	Md. Shuja Reshi (1st yr., CSE) and Khyati Sehgal (1st yr., CSE)
12	Hydrophilic	40 Teams (2 participants per team)	Hari Dutt Parashar (1st yr., IT) and Manish Sachan (2nd yr., ECE)	Shashwat (1st yr., ECE) and Shivank Tiwari (1st yr., CSE)	Simmi Gupta (1st yr., BioTech), and Abhinav Gupta (3rd yr., ECE)
13	Start-up Weekend	8 Teams (Maximum 4 students per team)	Saurabh Rai (3rd yr., IT), Prince Tripathi (3rd yr., IT), Chirag Dhawan (3rd yr., IT), and Abhishek (3rd yr., IT)	Apoorv Singhal (3rd yr., CSE), Sambhav Jain (3rd yr., CSE), and Sarthak Arora (3rd yr., IT)	Manogya Tiwari (MTech, CSE), Rishabh Jain (MTech, CSE), Priyadarshini (MTech, CSE), and Neha (MTech, CSE)
14	Socio-technical Debate	12 Teams (2 participants per team)	Akhil Puri (2nd yr., CSE) and Sanchi Mishra (2nd yr., ECE)	Harsh Gupta (Modern School, Delhi) and Kaartikeya Agarwal (Modern School, Delhi)	Pawan K. Jha (1st yr., ECE) and Tanuja Nailwal (1st yr., INTGT-ECE)

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S. No.	Project Title	Participating Students
1	Voice Operated Personal Assistant for Computer	Dhruv Singh (4th yr., CSE), Ayush Arnav (4th yr., CSE), and Smriti Goel (4th yr., CSE)
2	A Project on Distributed and Cloud Computing	Paras Gupta (4th yr., IT), and Himani Agarwal (4th yr., CSE)
3	Analyze Product Diffusion Index	Ankit Jain (4th yr., CSE)
4	Android Application for Assistance of the Blind	Vatsalya Yadav (4th yr., CSE)
5	Code Monster – Future of Coding!	Jasmeet Chhabra (4th yr., CSE)
6	Community Detection in Social Networks	Mony Soni (4th yr., DUAL-CSE), and Surya Madaan (4th yr., DUAL-CSE)
7	Conversation Starter	K Sathya Sai Ram (4th yr., CSE), Akshansh Singh (4th yr., CSE), and Prerna Shah (4th yr., CSE)
8	Data Structures and Algorithms Virtualization Tool for Handheld Systems	Sajal Jain (4th yr., DUAL-CSE), Abhishek Gupta (4th yr., CSE), and Utkarsh Rajwansh (4th yr., CSE)
9	Detecting Semantically Equivalent Questions in Online User Forums	Shrutika Gulati (4th yr., DUAL-CSE)
10	Music Classification	Richa Tyagi (4th yr., CSE)
11	Fulfillment - Campaign Management	Ruchika Hirna (4th yr., CSE), Arjun Garg (4th yr., CSE), and Aman Dhapola (4th yr., CSE)
12	Ghoomo-Best Travelling Packages Comparison	Nikika Goyal (4th yr., CSE), Ankit Agarwal (4th yr., CSE), and Vaibhav Arora (4th yr., CSE)
13	Hotel Recommender Optimisation by Data Mining	Vidit Raghav (4th yr., CSE)
14	Info Hunt	Gaurav (4th yr., CSE), and Archit Gupta (4th yr., CSE)
15	JIIT Edu - An Android Application for Faculty and Students	Upanya Singh (4th yr., CSE), and Nandini Srivastava (4th yr., CSE)
16	Online/onsite Programming Judge Portal	Ayush Jaggi (4th yr., ECE), and Swati Gupta (4th yr., IT)
17	N Dimensional Tensor Factorization for Movie Recommendation System	Sonali Parashar (4th yr., CSE), and Apurva Mishra (4th yr., CSE)
18	Where2go?	Akshay Dwivedi (4th yr., CSE), and Harshit Gupta (4th yr., IT)
19	User's Interest Analysis	Anshula Raj (4th yr., CSE)
20	Travel Assistance to Visually Impaired People	Anukriti Jain (4th yr., CSE), and Rashmi Kaushik (4th yr., CSE)
21	Text Summarization	Rohan Vaish (4th yr., CSE), Uphar Rastogi (4th yr., CSE), and Kartik Dayal (4th yr., CSE)

22	Stream Analyzer	Sameera Taluja (4th yr., DUAL-CSE)
23	Secured Access	Adviteeya (4th yr., DUAL-CSE)
24	Recommender Systems	Abhishek Singh (4th yr., CSE), and Mohit Kumar Atul (4th yr., CSE)
25	Product Review Summarization	Abheet Kumar Gupta (4th yr., DUAL-CSE), and Deepanshu Wadhwa (4th yr., DUAL-CSE)
26	Perzblog	Arun Kumar Sori (4th yr., CSE)
27	Personal Assistant	Siddharth Verma (4th yr., CSE), and Smriti Ohri (4th yr., CSE)
28	Palmistry	Vrishti Gahlaut (4th yr., CSE), Sumit Bansal (4th yr., CSE), and Aman Singhal (4th yr., CSE)
29	Omnipresento	Deeksha Datta Waghmare (4th yr., CSE)
30	Automatic Subtitle Generation	Rohit Garg (4th yr., CSE)
31	Route Planner	Kislay Kishore (4th yr., CSE), and Nikhil Kumar (4th yr., CSE)
32	Mass Energy Detection	Rashik Bhasin (4th yr., CSE), Niyati Raina (4th yr., IT), and Vaibhav Pande (4th yr., IT)
33	Medial Axis Transform In Images and Video	Akash Mishra (4th yr., DUAL-CSE)
34	Social Media Activity Analysis	Sameeksha Khare (4th yr., CSE), and Rangoli Jain (4th yr., CSE)
35	Protocol Through Wireless Sensor Networks	Harshit Agarwal (4th yr., DUAL-CSE), and Ananya Dwivedi (4th yr., DUAL-CSE)
36	Trail Track	Karan Dhingra (4th yr., CSE)
37	Mobile Based Attendance and File Sharing App	Aditi Awasthy (4th yr., CSE)
38	Sports Prediction using Data Mining Approaches	Shreya Saluja (4th yr., CSE), and Anmol Kapoor (4th yr., CSE)
39	Acute Competitive Programming Platform	Arushi Agarwal (3rd yr., DUAL-CSE), and Amit Bansal (3rd yr., DUAL-CSE)
40	Medifinder	Sahil Upadhyay (3rd yr., DUAL-CSE)
41	Home Automation	Apurv Saxena (3rd yr., ECE), and Bhavik Gandhi (3rd yr., ECE)
42	The Laser Tracker	Akshay Singh (3rd yr., DUAL-ECE)
43	Alcohol Sensor	Vaibhav Agarwal (3rd yr., ECE), and Pratik Sahu (3rd yr., ECE)
44	Bomb Defusing Hand Gesture Bot	Shubham Thakur (3rd yr., ECE), Pradeep Tomar (3rd yr., ECE), Pankaj Sharma (3rd yr., DUAL-ECE), and Tarini Bhardwaj (3rd yr., ECE)
45	Piezo-Electric Battery Charger	Shubham Pahwa (3rd yr., ECE), and Shubham Sharma (3rd yr., ECE)
46	Temperature Jacket	Vishal Bhatia (3rd yr., ECE)
47	RFID Based Toll Plaza System	Ayush Jain (3rd yr., ECE), and Shresthita Gupta (3rd yr., ECE)
48	Cloud Survey and Implementation in Java	Vikhyat Tandon (JIIT Sector 128)
49	Anti Forensic Steganography Method	Pavit Singh (JIIT Sector 128)

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Cyber Srishti 2016 – Coordination Team

Faculty Coordinators

Sanjay Goel, Head, Dept. of CSE/IT, JIIT, Noida
Manish K. Thakur, Dept. of CSE/IT, JIIT, Noida
Shamim Akhter, Dept. of ECE, JIIT, Noida
Tribhuwan K. Tewari, Dept. of CSE/IT, JIIT, Noida

Student Coordinators

Priyank Lalpuria (3rd yr., ECE), Tanmay Dutta (3rd yr., CSE), Ishani Sharma (3rd yr., ECE), and Rishav Raina (4th yr., DUAL-CSE)

Event Coordinators (Students)

Dixit/Ashutosh (Project Exhibition), Lovish/Tanmay (Execute 16.1), Pranay (Automation), Gaurang/Aman (Circuit Mania), Suhrid (Jaypee Premier League), Yash/Abhijeet (Hackathon), Saloni (Code Simulate and Debug), Suyash/Sugandha (Poster Paper Presentation), Gauransh (Code Breaker), Rishav/Mandvi (Creative Design), Harshit (Hydrophilic), Noopur (Debate), Dixit/Vaibhav/Atul (Website), Andrews/Saloni (Graphic Design), Ishani (Hospitality), Bodhisatva/Rajat/Paritosh/Shaswat (Photography and Report Compilation), Priyanshu (Audience Management), Arhantika (Publicity), Ayush (Printing)

Event Coordinators (Faculty)

Inauguration Ceremony: Krishna Sundari, Manish K. Thakur, and Shamim Akhter
Project Exhibition: K. Vimal Kumar, Shamim Akhter, Ashwini Mathur, and Shelly Sachdeva
Execute 16.1: Manish K. Thakur and Santosh Verma
Automation: Hema N. and Alok Joshi
Circuit Mania: Atul K. Srivastava
Jaypee Premier League: Shamim Akhter
Invited Talk: Prashant Kaushik
Hackathon: Manish K. Thakur
Code Simulate and Debug: Mahendra K. Gurve and Shikha Mehta
Poster Paper Presentation: Gaurav Verma
Code Breaker: Ashwini Mathur, Chakresh K. Jain, Smriti Gaur
Creative Design: Anuja Arora
Start-up Weekend: Prashant Kaushik
Hydrophilic: Ashwini Mathur, Chakresh K. Jain, Smriti Gaur
Socio-technical Debate: Puneet Pannu and Prashant Kaushik
Prize Distribution Ceremony: Krishna Sundari, Manish K. Thakur, Shamim Akhter, Tribhuwan K Tewari, and Smriti Gaur
Website and Graphic Design: Manish K. Thakur and Shamim Akhter
Hospitality and Finance: Tribhuwan K Tewari
Report Compilation and Editing: Manish K. Thakur

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