



CYBER SRISHTI 2017 – A Two Day Technical Festival

(April 22 – 23, 2017)



Jaypee Institute of Information Technology, Noida

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

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General Introduction

For nearly 10 years, Jaypee Institute of Information Technology (JIIT), Noida had been regularly organizing 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 and third edition of Cyber Srishti in 2015 and 2016 respectively.

In this series, the fourth edition of Cyber Srishti had been conducted on April 22 – 23, 2017. In the year (2017), 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 17.1, (3) Automated Robotics Challenge, (4) Hackathon- Open Source, (5) Hackathon- Games, (6) Circuit Mania, (7) Hydrophilic, (8) Jaypee Premier League, (9) Code Simulate Debug, (10) Creative Design, (11) Socio-technical Debate, (12) Code of Codons, (13) Poster Paper Presentation, (14) Start-up Weekend & Invited Talk, (15) Treasure Hunt, (16) Fastest Finger First, (17) Blind Coding, and (18) Poster Mania. In this edition, student participation had been majorly observed from both campuses of JIIT (Sector 62 and Sector 128).

In all, more than 2200 participations had been observed in above mentioned events. Besides the inaugural speech of the Chief Guest, Shri Abhai Vaish, CTO and Head of Network Engineering, Ericsson India Global Services, participants in Cyber Srishti 2017 were also enlightened by the Keynote speech, talks and interactions of many experts / JIIT Alumni from industries and entrepreneurs, e.g. Srikanth Chirravuri (Assistant Vice President, Insurance Practice, Cognizant Technology Solutions, Chennai), Ranjeet K. Sinha (Senior Director, Ericsson India Global Services), Aditya Modi (Manager, Cognizant Projects), Chris Nitin Samuel (HR-Talent Acquisition, Cognizant Technology Solutions), Ish Kumar (Delivery Head, Tech Mahindra), Rajul Goyal (Project Manager, Tech Mahindra Ltd.), Shuchi Aggarwal (Chief Design Officer at e2logy), Saswata Shankar De (Lead Supply and Operations at Squadrun and Co-founder of “The First Meal”), Divya Gupta (CEO of Udgam – Delhi business incubator and seed fund investor), Ankur Saxena (Grofers), Mayank Bholra (Juggernaut Books), Arun Kumar Sori (Wingify), and Akshay Agarwal (Blockchained India).

From the Desk of Vice Chancellor



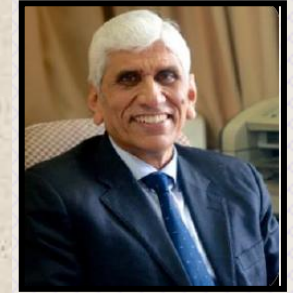
It gives me pleasure to know, that the institute is bringing out the report of the Cyber Srishti 2017 organized by the Department of Computer Science Engineering and Information Technology in association with Departments of Electronics and Communication Engineering, and Biotechnology.

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 delighted to know about the intensive participation of JIIT Students in organizing this activity along with faculty. I am hopeful that such activities will generate a competitive environment among the students and widen their horizon and perspective.

I congratulate the faculty coordinators, student coordinators, event coordinators (faculty and students) for successfully organizing 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 for showcasing their skills in the competitive environment of the college. This year's event witnessed an amazing response from the students as they enthusiastically took part in various competitions and utilized 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 participants to imbibe spirit of companionship, team play, and organizing abilities. These technical events encouraged the students to think out of box, stretch their imagination beyond the text book, and 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 skills.

Bringing around 2200 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 Alumnus returns to the college, judge events and motivates their juniors. I wish the students and organizers, all the very best and hope they will gradually scale up the level of Cyber Srishti making it the most sought after event in the college.

**Commodore K. K. Rohatgi,
VSM (Retd)**

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Inauguration (April 22, 2017, 09:30 – 10:30 AM)

Jaypee Institute of Information Technology, Sector 62, Noida organised a two day technical festival, “Cyber Srishti 2017” from 22 to 23 April 2017. Prof. Krishna Gopal, Dean (A&R), Noida inaugurated the technical festival on 22nd April 2017. Shri Abhai Vaish, CTO and Head of Network Engineering, Ericsson India Global Services was the chief guest for the Inauguration Ceremony. The inauguration ceremony included, Lamp lighting, Saraswati Vandana, Dean (A&R) address to the audience, address by the Chief Guest, and Keynote speech by the eminent keynote speaker, Shri Srikanth Chirravuri, Assistant Vice President, Insurance Practice, Cognizant Technology Solutions, Chennai. Inauguration ceremony also witnessed the presence of invited guests from industries, Shri. Ranjeet K. Sinha, Senior Director, Ericsson India Global Services, Shri. Aditya Modi, Manager, Cognizant Projects, Shri Chris Nitin Samuel, HR – Talent Acquisition, Cognizant Technology Solutions, Shri Ish Kumar, Delivery Head at Tech Mahindra, and Shri Rajul Goyal, Project Manager, Tech Mahindra Limited. Besides, Dean (A&R), Chief Guest, Keynote Speaker, and Invited Guests, the Inauguration Ceremony was attended by Cmde. K. K. Rohatgi (Dean of Students), Dean (RID), Dean (JIIT Sector 128 Campus), HODs of different departments at JIIT, Faculty members of both campuses (Sector 62 and Sector 128), and around 1000 student participants and volunteers.

Photographs: Inauguration Ceremony

1. Arena of the Inauguration Ceremony of the technical fest, “Cyber Srishti – 2017”
2. Presence of eminent academicians and invited guest: (L to R in front row), Prof. Sanjay Goel (Head, CSE/IT, JIIT), Prof. Krishna Kant (Dean, JIIT Sector 128), Prof. Krishna Gopal, Dean (A&R), Prof. Padam Kumar (Dean, RID), Srikanth Chirravuri (Keynote Speaker), Abhai Vaish (Chief Guest), Cmde. K. K. Rohatgi (Dean of Students), Ranjeet K. Sinha (Invited Guest)
3. Presentation of welcome bouquet to Chief Guest, Shri Abhai Vaish by Prof. Krishna Gopal, Dean (A&R)
4. Chief Guest, Abhai Vaish addressing (L) the audience and Srikanth Chirravuri delivering his keynote speech (R) during inauguration ceremony



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Project Exhibition – Software, Hardware, and BioTech

(April 22, 2017, 10:30 AM – 01:30 PM)

It was 3 Hrs. long project exhibition organized on the first day of the fest, where, students presented their projects in following categories: Software (maximum 3 students per project), Hardware (maximum 4 students per project), and BioTech (subcategories: Poster and Model, (maximum 4 students per poster/model)). The projects spanned in different fields of engineering, like, Embedded Systems, Mobile Computing, Bio Informatics, *etc.* Projects displayed in the exhibition are listed in Appendix 'B'. Count of exhibited projects under above categories are as follows: Software (78 projects), Hardware (14 projects), BioTech (20 posters and 5 models).

Winners:

Category – Software

1st: Amit Sachdeva, Burhanuddin Bhopalwala, Abhinav Mishra

2nd: Amit Bansal, Arushi Agarwal

3rd: Dhruv Kaushal, Shubham Gupta

Category – Hardware

1st: Shivam Arora, Saurabh Khurana, Piyush Tyagi

2nd: Priyank Lalpuria, Suhrid Srivastava

3rd: Deepak Singhal, Mayank Rathi, Tanmay, Shashank

Category – BioTech**

1st: **Poster-** Ayushi Bhagat; **Model-** Tushar Arora, Shubhanshu Upadhyay

2nd: **Poster:** Niyati Agarwal, Ankit Sharma; **Model:** Rahul Saxena

3rd: **Poster:** Apoorva Mishra; **Model:** Tanishka Khurana, Simmi Gupta

** Consolation prize winner details in above categories are listed in Appendix A.

Execute 17.1 – Onsite Battle of Algorithms

(April 22, 2017, 10:30 AM – 01:30 PM)

It was 3 Hrs. long ACM ICPC styled onsite battle of algorithms and programming skills conducted on HackerEarth platform (<https://www.hackerearth.com/challenge/college/execute-171/>). In this battle, participants in team of maximum 3 students were asked to design optimized algorithms for given problems. In total 8 problems of varying nature and complexities were given to the participants. Problems were designed around the pervasive theme of the fest, "IT for Sustainability". Including external (outside IIIT teams) and internal participants, total 374 teams participated in the event. Presence of Chief Guest, Shri Abhai Vaish, other eminent invited guests, and many IIIT faculty members motivated the participants to perform well.

Winners:

1st: Sameer Gulati, Vedika Bhutani

2nd: Rishabh Jain, Dipjal Chhetri

3rd: Naksh Arora, Aditya Garg, Vipul Sharma

Consolation Prize

1st: Abhisht Chauhan, Anubhav Goyal

2nd: Adish Agarwal, Raman Sharma

3rd: Deepanshu Gandhi, Deepanshu Hardoha, Shubham Kaushik

Photographs: Project Exhibition, Execute 17.1

1. Chief Guest, Shri Abhai Vaish, Keynote Speaker, Shri Srikanth C., other invited guests, and Cmde. K. K. Rohatgi (Dean of Students) interacting with the participants of the project exhibition
2. Participants exhibiting their projects in different categories of project exhibition
3. Participants of Execute 17.1 attempting to solve the problems in a team of maximum 3 students and submitting the solved problems at the submission desks
4. Participants (374 teams) of Execute 17.1 spread over entire Auditorium



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Automated Robotics Challenge

(April 22, 2017, 10:30 AM – 4:30 PM, April 23, 2017, 10:30 AM – 1:30 PM)

It was a team (maximum 4 participants per team) event where participants were asked to build a manual robot to clear the path of an autonomous robot which was a line follower. The event was conducted on both days of the fest. First day was a screening round where 17 teams participated and built the line follower. Top 8 teams qualified for the second round which was conducted on the second day of the fest. The arena (robotic track) for the final round was announced on spot on day two.

Winners:

- 1st:** Harsh Tyagi, Jatin Assudanay, Ashish Singhal, Sangeeta
2nd: Manobhav, Harshit, Sanchi, Nayan
3rd: Shatakshi Shukla, Ayushi Agarwal, Mansi Mehta, Divyanshi Goyal

Hackathon – Open Source

(April 22, 2017, 2:30 PM – 10:30 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 with the pervasive theme as “IT for Sustainability”. Total 27 teams (maximum 5 students per team) participated in the event. IIIT alumni, Ankur Saxena (Grofers), Mayank Bhola (Juggernaut Books), and Arun Kumar Sori (Wingify) mentored and evaluated the projects made by the participants.

Winners:

- 1st:** Akarshak Aggarwal, Anant Bansal, Harsh Mohan Aggarwal, Dheerain Jain
2nd: Ishaan Dhamija, Tanay Saxena
3rd: Kamaljeet Singh, Sanyam Batra, Manobhav Jain
Consolation Prize
Prateek Kumar, Areeb Khan, Amandeep Singh, Arvind Deepanshu Gandhi

Hackathon – Games

(April 22, 2017, 2:30 PM – 10:30 PM)

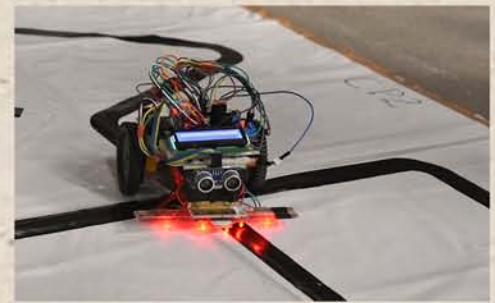
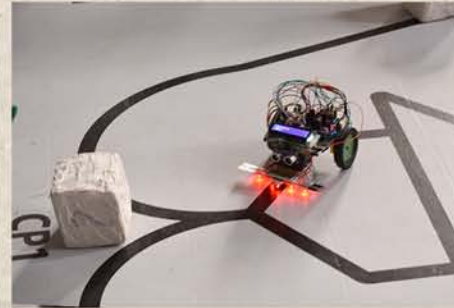
It was a 7 Hr. long team event where on spot, participants were required to develop games using various technologies for the pervasive theme as “IT for Sustainability”. Total 8 teams (maximum 3 students per team) participated in the event. IIIT alumni, Akshay Agarwal (Blockchain India) and Vibhor Kashyap mentored and evaluated the projects made by the participants.

Winners:

- 1st:** Bhavyam Goyal, Ayush Agarwal
2nd: Manasvi Duggal, Ananya Singhal, Rohan Meherotra
3rd: Shivang Agarwal
Consolation Prize
Utkarsh Singh Thakur, Utkarsh Saraogi, Prakhar Dubey

Photographs: Automated Robotics Challenge, Hackathon – Open Source, and Hackathon – Games

1. Robotic track/arena for the final round on second day of the fest
2. Participants participating with their robots on first day of the fest
3. Hackathon (Open source and Games) participants developing their solutions
4. Arena of the Hackathon (Open source and Games) along with the participants developing their solutions



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Circuit Mania

(April 22, 2017, 10:30 – 11:30 AM / 02:30 – 4:00 PM and April 23, 10:30 AM - 12:00 PM)

It was a team (maximum 4 students per team) event conducted in three rounds. First round was quiz/puzzle based round, second round was software based round and third round was hardware based round. It was conducted on both days of the fest. Total 29 teams participated on day one and finally 8 teams qualified for round three. Prof. R. C. Jain (Head, Dept. of ECE) and many IIIT faculty members motivated the participants to perform well.

Winners:

- 1st:** Akash Kapasia, Prajjwal Rastogi, Saransh Singhal, Hardik
- 2nd:** Aman Agarwal, Kartik Bhardwaj
- 3rd:** Kshitiz Kumar, Gaurang Goyal, Pallav

Consolation Prize

- 1. Amrisha, Shubham, Rahul, Prashant
- 2. Kinjal, Siddharth, Somya
- 3. Avinash, Pranjal

Hydrophilic

(April 22, 2017, 10:30 – 11:30 AM, April 23, 02:30 – 04:30 PM)

It was the two rounds team (2 students per team) event with the first round being a quiz in which students were given a set of problems to solve. Total 45 teams participated in first/elimination round out of which 10 teams qualified and participated in round two. In round two, participants were asked to design a water purifier system with the available raw materials.

Winners:

- 1st:** Haridutt Parashar, Sonam Dema
- 2nd:** Akshay Amritanshu, Sandeep Kumar
- 3rd:** Apoorva Gupta, Akansha Gupta

Jaypee Premier League

(April 22, 2017, 1:30 – 2:30 PM, April 23, 10:00 – 11:00 AM / 02:00 – 03:30 PM)

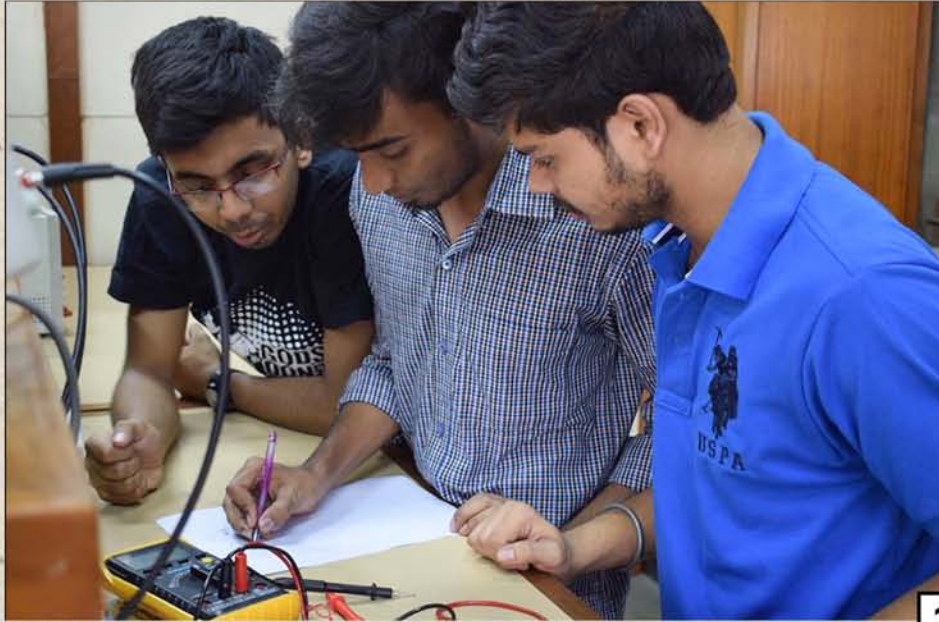
It was a technical quiz, which was conducted in three rounds and spread over two days during the fest. Round one was held on the first day and saw participation by 60 teams (two members per team). 23 teams qualified for the second round. The final round saw six teams competing against each other. Many IIIT faculty members' presence motivated the participating students.

Winners:

- 1st:** Abhilash Tyagi, Shreyansh Dayal Sharma
- 2nd:** Gauransh Jain, Aditi Khare
- 3rd:** Niraj Kumar, Pallav Kumar

Photographs: Circuit Mania, Hydrophilic, and Jaypee Premier League

- 1. One of the participating team is designing a customized circuit in the event Circuit Mania
- 2. Participants participating in the events Hydrophilic (First Row) and Circuit Mania (Second Row)
- 3. Team of participants, anchors, and displayed questions during different rounds of the event Jaypee Premier League
- 4. Participants exploring various chemicals to purify the water during the event Hydrophilic



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Code Simulate Debug

(April 23, 2017, 11:00 AM – 1:30 PM)

This event was conducted on the second day of the event. Total 22 teams (maximum 4 students per team) participated in the event. Participants were given a website template with buggy scripts and they were asked to correct them and do some backend & frontend tasks on it along with some surprise tasks. Many surprise tasks were also given to the participants. JIIT teachers encouraged students to think of different perspectives.

Winners:

1st: Dixit Goyal, Vaibhav Bansal, Harsh

2nd: Ujjawal Sharma, Priyansh Gupta

3rd: Shreyashi Agarwal, Lavesh Khandelwal

Consolation Prize

Saransh Barua

Creative Design

(April 23, 2017, 12:30 – 1:00/1:00 – 02:30 PM)

This event was conducted in two rounds on the second day of the fest. Round one was quiz based elimination round. In round two, students were asked to create useful items from waste material and random stuff. They were also supposed to convince the judges to purchase the items. Materials like cardboard, newspaper, bowls etc. were provided to the students. Total 30 teams participated (2 students per team) in the event.

Winners:

1st: Manish Sachan, Astitva

2nd: Ayushi Khandelwal, Rhythm Narang

3rd: Tie between

(a) Saloni, Piyush Tyagi

(b) Vandana, Anmol

Socio-technical Debate

(April 23, 2017, 10:00 AM – 14:00 PM)

It was a team event (2 students per team) conducted in two rounds on second day of the fest. First round was a conventional debate on two topics (Topic 1. THBT space exploration is a waste of resources and Topic 2. THBT Area 51 is linked to extraterrestrial life forms) which were preannounced. Second round was a Parliamentary debate where topics were given on the spot, for which 8 teams qualified. The event witnessed a participation of 15 teams.

Winners:

1st: Shashwat Sahai, Aditya Lahiri

2nd: Tanuja Nailwal, Mansi Verma

3rd: Tie between

(a) Abdul Malik, Sarthak Singh

(b) KushagrSaxena, Tanya Sharma

Photographs: Code Simulate Debug, Creative Design, and Socio-technical Debate

1. Arena of the event Code Simulate Debug along with some of the teams participated in the event
2. Participants participating in the event Creative Design (First row) and Code Simulate Debug (Second row)
3. Team of participants participating in the event Socio-technical Debate along with Coordination team of the event and jury members of the event
4. Participant of the event Creative Design convincing the judge to purchase the created items



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Code of Codons

(April 23, 2017, 12:00 - 03:00 PM)

It was a team event (two students per team) conducted on the second day of the fest. Participants were asked to apply their coding skills in practical applications related to drug industries. This event provided a platform for participants where they experienced of how leading drug manufacturers use programming and bioinformatics to analyze problem related to health. Total 70 teams participated in the event.

Winners:

- 1st:** Aditi Khare, Sachin Agarwal
- 2nd:** Amit Bansal, Arushi Agarwal
- 3rd:** Yash Bhardwaj, Nipun Garg

Poster Paper Presentation

(April 22, 2017, 02:30 - 05:00 PM)

It was a group event conducted on the first day of the fest. Participants (maximum 4 students per group) were asked to showcase their research contributions in form of poster papers. Ten poster papers were presented in the event spreading in various domains of engineering and technology. Participants enthusiastically presented their research contributions in front of expert panel formed with IIIT faculty members

Winners:

- 1st:** Shubham Sharma, Pranay Saha
- 2nd:** Tie between
 - (a) Aniket Bhatnagar, Varun Gambhir
 - (b) Kumar Ankit, Piyush

Start-up Weekend and Invited Talks

(April 22, 2017, 02:30 - 05:30 PM, April 23, 02:00 - 03:30 PM)

It was a three rounds team (maximum 4 students) event where participants used their technical knowledge with a business mind to create a business plan. First round was an online round which required the teams to submit a brief of their idea. With Round 2 and 3, students further delved into their idea and presented their Business Plans in front of a panel of judges and investors. Total 15 teams participated. Shuchi Aggarwal, Shashwata Shankar De, and Divya Gupta were the investors/experts who judged the presented ideas. They were also invited to present their talks on challenges in building their start-ups along with their business plans/models.

Winners:

- 1st:** Abhilash Tyagi, Shreyansh Dayal Sharma
- 2nd:** Gauransh Jain, Aditi Khare
- 3rd:** Niraj Kumar, Pallav Kumar

Photographs: Code of Codons, Poster Paper Presentation, and Start-up Weekend & Invited Talks

1. Ongoing event of Start-up Weekend & Invited Talks
2. Participants presenting their proposals in Start-up Weekend (first column) and participants coding in the Code of Codons event (Second column)
3. Participants presenting their poster papers and waiting for their turn in the event Poster Paper Presentation
4. Event coordinators explaining the participants in the Code of Codons event



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Treasure Hunt (April 23, 2017, 09:30 – 10:30 AM)

It was a three rounds team event (3 / 5 members in a team). First round was a quiz round, second round was about cracking the encrypted messages and final round's task was to create a working circuit from the given electronic components. Total 13 teams participated in it.

Winners:

- 1st:** Abhishek Vijay, Tushar Ranjan, Shefali
2nd: Ravi Raj Prateek, Rishi Rai, Akhil Sharma, Sakshi Bhadouria, Arushi Saxena

Blind Coding (April 23, 2017, 09:30 AM – 12:00 PM)

It was a single round individual event which encouraged students to challenge their logic and basics of programming. Students had to solve the given problem with the monitor of the computer kept off. Programs were supposed to be written in C language. 25 teams participated in it

Winners:

- 1st:** Ayush Pathak
2nd: Srijia Pandey
3rd: Naman Arora

Fastest Finger First (April 23, 2017, 4:00 – 5:00 PM)

It was a two rounds individual event wherein, jigsaw puzzles were displayed to the participants in the first round. Students had to figure out and recognize what it is and name it, and the qualifying students from this round competed in round 2 which was based on latest technology. Total 20 teams participated in the event.

Winners:

- 1st:** Hardik Gulati
2nd: Vivek Singh
3rd: Ayushi Rajput

Poster Mania (April 23, 2017, 10:00 AM – 11:30 AM)

This Digital poster designing competition allowed the students to put forward their creative minds in the most amazing way. The event witnessed many participants using different software to create posters on the theme 'IT for sustainability'. 20 teams participated in this event.

Winners:

- 1st:** Aditya Srivastava
2nd: Vaibhav Upadhyay
3rd: **Tie between** Jitesh Pabla and Akanksha Singh

Photographs: Treasure Hunt, Blind Coding, Fastest Finger First and Poster Mania

1. Coordinators of the event Treasure Hunt
2. Students participating in the event Treasure Hunt with enthusiasm.
3. Students showing enthusiasm in the event Fastest Finger First (First column) and Poster Mania (Second Column)
4. Team member of the event Blind Coding resetting the setup for Blind Coding along with some participants in the background.



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Closing Ceremony (April 23, 2017, 06:30 – 09:30 PM)

Closing ceremony was conducted on second day of the fest where Certificate of Merit and Cash Prizes (First, Second, and Third) were given to the winners of different events. Cash prize (totalling, Rs. 2,00,000/-) and certificate of merit were given to the winners of each event (excluding Invited Talk) by Cmde. K. K. Rohatgi (Dean of Students), Prof. Padam Kumar (Dean, RID), Prof. R. C. Jain (Head, Dept. of ECE), and Prof. Sanjay Goel (Head, Dept. of Computer Science Engineering & IT). Besides three prizes, consolation prizes were also given in some of the events, e.g. Project Exhibition, Execute 17.1, Circuit Mania, Hackathon, etc. Along with prize distribution, several cultural performances (music, dance, theatre performance *etc*) had been performed by the JIIT students during Closing Ceremony.

Photographs: Prize Distribution

1. Prof. Padam Kumar (Dean, RID) presenting Certificate of Merit to the winners
2. JIIT Students performing various cultural performances during the closing ceremony
3. Participants after performing the Bhangra dance, playing instruments, etc.
4. Cmde. K. K. Rohatgi (Dean of Students) presenting Certificate of Merit to the winners



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Appendix 'A'

Cyber Srishti 2017 – Participation Summary and Winners in Each Event

S. No.	Event Name	Participation Details	Winners			
			First	Second	Third	Remarks
1	Project Exhibition	Category: Software (78 Projects, maximum 3 students per project)	Amit Sachdeva, Burhanuddin Bhopalwala, Abhinav Mishra	Amit Bansal, Arushi Agarwal	Dhruv Kaushal, Shubham Gupta	
		Category: Hardware (14 Projects, maximum 4 students per project)	Shivam Arora, Saurabh Khurana, Piyush Tyagi	Priyank Lalpuria, Suhrid Srivastava	Deepak Singhal, Mayank Rathi, Tanmay, Shashank	Consolation Prize (one team) Siddharth Shubham Pal, Saransh Singhal, Hardik Kansal
		Category: BioTech (20 Posters and 5 Models, each category with maximum 5 students)	Poster: Ayushi Bhagat Model : Tushar Arora, Shubhanshu Upadhyay	Poster: Niyati Agarwal, Ankit Sharma Model: Rahul Saxena	Poster: Apoorva Mishra Model: Tanishka Khurana, Simmi Gupta	Consolation Prize (for poster) 1. Shaurya Singh 2. Gauri, Shriya, Purvanshi, Tanushree 3. Rishav, Pallavi, Gurjyot, Sakshi
2	Execute 17.1	374 teams (Maximum 3 students per team)	Sameer Gulati, Vedika Bhutani	Rishabh Jain, Dipjal Chhetri	Naksh Arora, Aditya Garg, Vipul Sharma	Consolation Prize (three teams) 1. Abhist, Anubhav 2. Adish, Raman 3. Deepanshu Gandhi, Deepanshu Hardaha. Shubham
3	Automated Robotics Challenge	17 Teams (Maximum 4 students per team)	Harsh Tyagi, Jatin Assudanay, Ashish Singhal, Sangeeta	Manobhav, Harshit, Sanchi, Nayan	Shatakshi Shukla, Ayushi Agarwal, Mansi Mehta, Divyanshi Goyal	
4	Hackathon – Open Source	27 Teams (Maximum 5 students per team)	Akarshak Aggarwal, Anant Bansal, Harsh Mohan Aggarwal, Dheerain Jain	Ishaan Dhamija, Tanay Saxena	Kamaljeet Singh, Sanyam Batra, Manobhav Jain	Consolation Prize (one team) Prateek Kumar, Areeb Khan Amandeep Singh, Arvind Deepanshu Gandhi
5	Hackathon – Games	8 Teams (Maximum 3 students per team)	Bhavayam Goyal, Ayush Agarwal	Manasvi Duggal, Ananya Singhal, Rohan Meherotra	Shivang Agarwal	Consolation Prize (one team) Utkarsh Singh Thakur, Utkarsh Saraogi, Prakhar Dubey
6	Circuit Mania	29 Teams (Maximum 4 students per team)	Akash Kapasia, Prajjwal Rastogi, Saransh Singhal, Hardik	Aman Agarwal, Kartik Bhardwaj	Kshitiz Kumar, Gaurang Goyal, Pallav	Consolation Prize (three teams) 1. Ambrish, Shubham, Rahul, Prashant 2. Kinjal, Siddharth, Somya 3. Avinash, Pranjal

S. No.	Event Name	Participation Details	Winners			Remarks
			First	Second	Third	
7	Hydrophilic	45 Teams (2 students per team)	Haridutt Parashar, Sonam Dema	Akshay Amritanshu, Sandeep Kumar	Apoorva Gupta, Akansha Gupta	
8	Jaypee Premier League	60 Teams (2 students per team)	Abhilash Tyagi, Shreyansh Dayal Sharma	Gauransh Jain, Aditi Khare	Niraj Kumar, Pallav Kumar	
9	Code Simulate Debug	22 Teams (maximum 4 students per paper)	Dixit Goyal, Vaibhav Bansal Harsh	Ujjawal Sharma, Priyansh Gupta	Shreyashi Agarwal, Lavesh Khandelwal	Consolation Prize (one team) Saransh Barua
10	Creative Design	30 Teams (maximum 2 students per paper)	Manish Sharma, Astitva	Ayushi Khandelwal, Rhythm Narang	Tie for the third place 1. Saloni, Piyush, and 2. Vandana, Anmol	
11	Socio-technical Debate	15 Teams (2 students per team)	Shashwat Sahai Aditya Lahiri	Mansi Verma Tanuja Nailwal	Tie for the third place 1. Abdul Malik, Sarthak Singh, and 2. Kushagra Saxena, Tanya Sharma	
12	Code of Codons	70 Teams (2 students per team)	Aditi Khare, Sachin Agarwal	Amit Bansal, Arushi Agarwal	Yash Bhardwaj, Nipun Garg	
13	Poster Paper Presentation	10 Papers (maximum 4 students per paper)	Shubham Sharma, Pranay Saha	Tie for the second and third place 1. Varun Gambhir, Aniket Bhatnagar, and 2. Kumar Ankit, Piyush		
14	Start-up Summit and Invited Talk	15 Teams (maximum 4 students per team)	Sharang Malhotra, Shubham Sharma	Priyank Lalpuria, Suhrid Srivastava	Shivam Arora, Paras Arora	
		3 experts from industries delivered their talks	1. Shuchi Aggarwal – Chief Design Officer at e2logy 2. Saswata Shankar De – Lead Supply and Operations at Squadrun and Co-founder of “The First Meal” 3. Divya Gupta – CEO of Udgam – Delhi business incubator and seed fund investor			
15	Fastest Finger	20 Teams (one student per team)	Hardik Gulati	Vivek Singh	Ayushi Rajput	
16	Treasure Hunt	13 Teams (maximum 5 students per team)	Abhishek Vijay, Tushar Ranjan, Shefali	Ravi Raj Prateek, Rishi Rai Akhil Sharma, Sakshi Bhadouria, Arushi Saxena		
17	Blind Coding	25 Teams (one student per team)	Ayush Pathak	Srija Pandey	Naman Arora	
18	Poster Mania	20 Teams (one student per team)	Aditya Srivastava	Vaibhav Upadhyay	Tie for the third place 1. Jitesh Pabla, and 2. Akanksha Singh	

Appendix 'B'

Cyber Srishti 2017 – List of Projects displayed in the Project Exhibition (April 22, 2017, 10:30 AM – 01:30 PM)

S. No.	Project Title	Participating Students
1	Android Application Using Modified Retrofit Networking Library	Dhruv Kaushal (4th yr., CSE), Subham Gupta (4th yr., CSE)
2	RXN- Live Reactions To Social Media Posts	Param Pandey (4th yr., CSE)
3	VR Scene	Utkarsh Indolia (4th yr., CSE)
4	Objects Classification In Video Streams	Varun Gambhir (4th yr., CSE), Akash Jain (4th yr., CSE)
5	Architectural Space Layout Optimization	Amit Bansal (4th yr., DUAL-CSE), Arushi Agarwal (4th yr., DUAL-CSE)
6	Presskey – Keystroke Dynamics Based Authentication System.	Jatin Yadav (4th yr., DUAL-CSE), Shashank Gupta (4th yr., DUAL-CSE), Richa Sharma (4th yr., DUAL-CSE)
7	Real Time Code Collaboration System With Interpreter And Real Time Communication	Nirmit Goyal (4th yr., CSE)
8	Carichoice Ladder	Shivam Gupta (4th yr., CSE), Sachin Agarwal (4th yr., CSE)
9	Hopin – Android Application And Website	Praveen Malav (4th yr., CSE), Chirag Arora (4th yr., CSE), Swati Agarwal (4th yr., CSE)
10	2d To 3d Conversion & Synthesis Of Objects	Samaksh Yadav (4th yr., CSE)
11	Virtual Machine Job Scheduling	Mausam Kumar Suman (4th yr., CSE), Mohak Garg (4th yr., CSE)
12	Distributed Mobile Storage Architecture	Arhantika Nathaniel (4th yr., CSE), Angelic (4th yr., CSE)
13	Twitter Visualization And Analysis Tool	Shivani Bahri (4th yr., IT)
14	Stockhub	Avnish Singh Jat (4th yr., IT)
15	Workflow Scheduling In Clouds	Akshay Sachdeva (4th yr., CSE), Priyanka Malik (4th yr., CSE), Kriti Baidail (4th yr., CSE)
16	Plagiarism Detection	Dashmesh Singh Bedi (4th yr., CSE)
17	Video Summarization	Gourav Garg (4th yr., CSE)
18	Knowledge Inferencing	Omji Mishra (4th yr., DUAL-CSE), Pooja Lodhi (4th yr., DUAL-CSE)
19	Track It...	Baruni Malhotra (4th yr., CSE)
20	VIBERR (An Application To Know Your Favorite)	Shivam Saxena (4th yr., DUAL-CSE)
21	Tweet Location Prediction	Niharika Garg (4th yr., DUAL-CSE), Simran Bajaj (4th yr., DUAL-CSE)
22	Market Volatility Predictor	Yash Aditya Kaushal (4th yr., CSE), Shaurya Sanger (4th yr., CSE)
23	Harmful Mail Detection System	Sakshi Bhardwaj (4th yr., CSE), Prayag Goyal (4th yr., CSE)
24	Green Computing	Rupali Goyal (4th yr., CSE), Aditya Chauhan (4th yr., CSE)

25	Social Circles In An Ego Network	Mayank Garg (4th yr., IT), Rohan Chopra (4th yr., IT)
26	Speech Analytic Techniques To Recognize Emotion, Gender And Language From Voice Data	Monik Bansal (4th yr., CSE), Avni Jain (4th yr., CSE)
27	Text Classification Using Fuzzy SVM	Anirudh Nagar (4th yr., CSE), Arshiya Mahajan (4th yr., CSE), Harpreet Kaur (4th yr., IT)
28	Content Filtering In Online Social Networks	Garima Goyal (4th yr., DUAL-CSE), Tanya Jain (4th yr., DUAL-CSE), Nilesh Aggarwal (4th yr., DUAL-CSE)
29	Big Data And Cloud Implementation	Rishab Garg (4th yr., CSE), Deeksha Sharma (4th yr., CSE), Prince Mehta (4th yr., CSE)
30	lotunbox	Akshat Sharma (4th yr., DUAL-CSE)
31	A Distributed System Based Online/Onsite Tool For Competitive Programming Based Competitions And Evaluations	Amit Bansal (4th yr., DUAL-CSE), Arushi Agarwal (4th yr., DUAL-CSE)
32	Doctor's Network	Sahil Lamba (4th yr., CSE)
33	Drowning Management System	Aniruddha Saxena (4th yr., CSE)
34	Griper - Building A Social Network Community That Lets You Take Control Of Your Neighbourhood In Your Hands	Sarthak Arora (4th yr., IT)
35	E-Grocery	Sahil Bhupendra Jain (4th yr., DUAL-CSE)
36	Scheduling In Cloud Computing	Ankit Kumar (4th yr., CSE), Paritosh Dubey (4th yr., CSE)
37	Capture Judge	Harsha Goel (4th yr., CSE), Prateek Sharma (4th yr., CSE)
38	Mining Anomalies Using Network Traffic Analysis – A Hybrid Approach	Shivin Agarwal (4th yr., CSE), Saloni Gupta (4th yr., CSE)
39	Quick Summarization	Rajat Sharma (4th yr., CSE), Sahil Upadhyay (4th yr., DUAL-CSE)
40	Stock Market Algorithmic Trading	Chinmay Phutela (4th yr., CSE), Shubham Kumar Jain (4th yr., CSE)
41	Analysis and Visualisation Of Crime (Multidimensional) Data	Neha Jain (4th yr., IT), Shivam Goyal (4th yr., IT)
42	Fault Tolerance In Distributed Systems	Anvay Pandey (4th yr., CSE), Nakul Dhingra (4th yr., CSE)
43	Automated Attendance System	Anshul Kapoor (4th yr., IT), Ashwini Thakur (4th yr., IT), Akshay Kumar (4th yr., IT)
44	Code Classification And Auto Tagging	Varun Gambhir (4th yr., CSE), Aniket Bhatnagar (4th yr., CSE)
45	Grey Wolf Optimiser (GWO)	Devanshu Singh (4th yr., CSE)
46	Hybrid Context-Aware Recommender Systems	Rajshree Jain (4th yr., CSE), Jaya Tyagi (4th yr., CSE)
47	Garbage Monitoring System	Shubham Goel (4th yr., DUAL-CSE), Prabhav Garg (4th yr., DUAL-CSE)
48	Characterization Of Vpn And Non-Vpn Traffic Using Data Mining	Sanket chaturvedi (4th yr., CSE)
49	Diagnose Heart Disease	Jayant Yadav (4th yr., CSE)
50	Sentiment Twitter Analysis	Ananyaa Agarwala (4th yr., CSE)
51	Inmile	Sambhav Jain (4th yr., CSE)
52	Cross Platform Games Using Unity	Abhishek Upadhyay (4th yr., IT)
53	<i>Detectinfection</i> - Infected Application Detection	Mohd.Sadiq Husain (4th yr., CSE), Siddharth Nagaria (4th yr., CSE)

54	Optimization of Neural Networks	Yoshika Chhabra (4th yr., CSE), Sanchit Varshney (4th yr., CSE)
55	A Recommendation System Based On Analysis Of Data From Social Networking Sites.	Manvi Jindal (4th yr., CSE), Reetika Agrawal (4th yr., CSE)
56	Span in Facebook	Akhil Bansal (4th yr., IT), Chetanay Gupta (4th yr., IT)
57	TensorFlow on Hadoop	Harsh Goyal (4th yr., CSE), Raunaq Trivedi (4th yr., CSE)
58	Virtual Reality Android App	Shubham Sareen (4th yr., CSE), Abhinav Vijayvergiya (4th yr., CSE), Krishan Gupta (4th yr., CSE)
59	Clustering Using Adaptive PSO And Mapreduce	Shivangi (4th yr., CSE), Prabhat Awasthi (4th yr., CSE)
60	Advanced Image Steganography And Cryptography	Sneha Adhikari (4th yr., CSE)
61	Human Interactive Application Based On Machine Learning	Siddharth Agarwal (4th yr., CSE)
62	Visit 360	Prashant Sharma (4th yr., CSE)
63	Rumour Analysis On Youtube Data	Anant Walia (4th yr., CSE)
64	Classifying Tree Species	Neelaksh Chauhan (4th yr., CSE)
65	Image Processing Using Artificial Neural Network	Amit Sachdeva (4th yr., CSE), Burhanuddin Bhopalwala (4th yr., CSE), Abinav Mishra (4th yr., IT)
66	Advance GPRS Navigation System	Kshitij Srivastava (4th yr., CSE)
67	Human Behavior Predictor	Aryan Jadon (4th yr., CSE)
68	Approximate Pit Localization Scheme	Akanksha Singh (4th yr., CSE), Shubhankar Jain (4th yr., CSE)
69	A Personal Assistant/Trainee Web App	Yugal Jain (4th yr., CSE), Madhur Mittal (4th yr., CSE)
70	Diabetes Prediction Using Machine Learning	Piyush Srivastava (4th yr., CSE), Meghna Gupta (4th yr., CSE)
71	JPEG Portal- Android Application And Web Development	Avnish Dawar (4th yr., IT), Rajat Dhiman (4th yr., DUAL-CSE)
72	Trust Based Security System In Cloud	Himanshu Ahuja (4th yr., CSE), Poorva Rathi (4th yr., CSE)
73	fundsofhope.org	Vinay Garg (4th yr., CSE), Siddharth Uppal (4th yr., CSE)
74	Object And Character Detection In An Image	Alokit Nigam (4th yr., DUAL-CSE)
75	Android Application Behaviour Classification	Swapnil Gupta (4th yr., CSE), Vinay Chaudhary (4th yr., CSE)
76	Mobile Data Synchronisation	Ankit Kumar Avasthi (4th yr., CSE), Akash Srivastava (4th yr., CSE)
77	Guitarists Portal	Abhinav Srivastava (4th yr., CSE), Guruvachan Jain (4th yr., CSE)
78	Image Extraction From Research Paper	Kulwinder Singh (4th yr., CSE), Vipul Sharma (4th yr., CSE)
79	Smart Trash Collection	Parth Dadu (3rd yr., ECE), Naveen Nagar (3rd yr., ECE), Vaibhav Kalra (3rd yr., ECE)
80	Wi-Fi Control Bot	Tarash Agarwal (4th yr., ECE), Yushmit Bhandari (4th yr., ECE)
81	Wall Climbing Robot	Khyati Meena (4th yr., ECE), Shubham Gupta (4th yr., ECE)
82	Artificial Light Generating System	Sachin Khandelwal (4th yr., ECE), Mayank Vinocha (4th yr., ECE)
83	Parking System	Shivam Arora (3rd yr., ECE), Piyush Tyagi (3rd yr., DUAL-ECE), Saurabh Khurana (3rd yr., DUAL-ECE)

84	Smart Farming System	Ravi Raj Prateek (3rd yr., ECE), Abhishek Thakur (3rd yr., ECE)
85	OCR System	Suhrid Srivastava (4th yr., ECE), Priyang Lalpuriya (4th yr., ECE)
86	LED Cube	Adhi Raj Singh Tyagi (4th yr., ECE), Pankaj Sharma (4th yr., DUAL-ECE)
87	Humanoid	Deepak Singhal (3rd yr., ECE), Mayank Rathi (2nd. yr., CSE), Tanmay Srivastava (2nd. yr., ECE), Shashank (2nd. yr., ECE)
88	Smart Home Automation	Hardik Kansal (2nd. yr., ECE), Siddharth Shubham Pal (2nd. yr., ECE), Saransh Singhal (2nd. yr., ECE)
89	Luggage Follower	Shubham Sharma (4th yr., ECE), Shubham Paliwal (4th yr., ECE)
90	Heart Rate Monitoring System	Anant Kumar Jain 2nd ECE, Deepali Rajput 2nd ECE
91	Automatic Wheel Chair for Blind	Aman Srivastava (4th yr., ECE), Gaurang Goyal (4th yr., ECE)
92	Smart Security System	Rihal Sethi (4th yr., ECE), Ayush Jain (4th yr., ECE)
93	Impedimetric immunosensor of prostate specific antigen PSA	Madhur Arya (4th yr., DUAL-BT), Shikhar Bhola (4th yr., DUAL-BT), Deepshikha Yadav (5th yr., DUAL-BT), Nidhi Bhandari (4th yr., DUAL-BT), Gandharav Thakur (4th yr., DUAL-BT)
94	Exploring capasin extract for neuropathic pain	Pallavi Kapoor (4th yr., DUAL-BT), Gurjyot Singh (4th yr., BT), Rishab Jain (4th yr., BT), Sakshi Gaur (4th yr., BT)
95	Development of nanoemulsion of piperine and curcumin	Niyati Agrawal (5th yr., DUAL-BT), Ankit Sharma (5th yr., DUAL-BT)
96	Anti bacterial effect of carvacrol	Gauri Gaur (4th yr., BT), Shriya Chandhoke (4th yr., BT), Tanushri Joshi (4th yr., BT), Purvanshi Singh (4th yr., BT)
97	Health benefits of probiotics	Shahrugh Husain (4th yr., BT), Akshita Gupta (4th yr., BT), Hitesh Shetty (4th yr., BT), Kritika Seghal (4th yr., BT), Juhi Singh (4th yr., BT)
98	Mutations in mitochondrial genome and encephalopathies	Oindrila Ghoshal (5th yr., DUAL-BT)
99	Phytoremediation of lead using vigna mungo	Jhumi Jain (4th yr., DUAL-BT), Rupali Barnwal (4th yr., DUAL-BT)
100	Molecular evolution of hyaluronan lyase in streptococcus species	Ayushi Bhagat (4th yr., DUAL-BT)
101	Standardization of induction parameters for recombinant MtbCysECTD28 expression in E. coli	Vaibhav Saxena (2nd yr., MT-BT)
102	Phytoremediation of lead using brassica nigra and cicer arietinum	Khilan Arora (5th yr., DUAL-BT)
103	ODD-EVEN rule cleaning up delhi's air	Shaurya Singh (4th yr., DUAL-BT)
104	Identification of micro organisms using soil	Anjali Saini (5th yr., DUAL-BT), Priyanka khanna (5th yr., DUAL-BT)
105	Diversity of microbes in selected monuments of delhi	Harshit Saini (4th yr., BT), Soumya Singh (4th yr., DUAL-BT), Abhishek Negi (4th yr., DUAL-BT), Parul Singh (4th yr., DUAL-BT)
106	Purification of Small Structural Protein of Chikungunya virus- 6K	Apoorva Mishra (5th yr., DUAL-BT)
107	Effect of dietary polyphenols on the various physiological activities : insight from Drosophila model	Nishtha Saxena (4th yr., DUAL-BT)
108	Use of algae for production of biofuels	Tushar Arora (2nd yr., BT), Shubhanshu Updhyay (2nd yr., BT)
109	Health and Fitness App (BMI calculator which shows diet chart and related exercise according to the BMI)	Simmi Gupta (2nd yr., BT), Tanishka Khurana (2nd yr., BT)

Cyber Srishti 2017 – 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
Ashwani Mathur, Dept. of Biotechnology, JIIT, Noida

Student Coordinators

Ayush Goel (3rd yr., DUAL-CSE), Abhishek Vijay (3rd yr., BT),
Manogya Khanna (3rd yr., CSE), Yasha Singh (3rd yr., ECE), and
Shubham Agarwal (3rd yr., DUAL-CSE)

Event Coordinators (Students)

Shashank/Piyush/Niharika (Project Exhibition), Chanchur/Prabal (Execute 17.1), Deepak (Automated Robotics Challenge), Aditya/Kashish (Circuit Mania), Pranjal/Shubhi/Deeksha (Jaypee Premier League), Shivan/Archit/Prashant (Hackathon), Manasvi (Code Simulate and Debug), Saurabh (Poster Paper Presentation), Shubham (Code of Codons), Ankit (Start-up Summit & Invited Talk), Meghna (Creative Design), Abhinal (Hydrophilic), Saksham (Socio-technical Debate), Ujjwal (Fastest Finger), Katyayan/Saurav/Mishthi (Treasure Hunt), Prateek/Tushar (Poster Mania), Yash/Shashwat/Priyesh (Blind Coding) Shubham/Bhavyam (Website and App), Yasha (Graphic Design), Manogya (Hospitality), Aniket/Tanuja (Photography and Report Compilation), Sumit (Internal Management)

Event Coordinators (Faculty)

Inauguration Ceremony: Chetna Dabas, Manish K. Thakur, Shamim Akhter, Tribhuwan K Tewari, Ashwini Mathur, Krishna Sundari, Smriti Gaur
Project Exhibition: Sangeeta Mittal, Shelly Sachdeva, Atul Srivastava, Vibha Gupta
Execute 17.1: Manish K Thakur, Ankita Wadhwa, Sherry Garg, Santosh Verma
Automated Robotics Challenge: Hema N.
Circuit Mania: Atul Srivastava
Jaypee Premier League: Shamim Akhter, Garima Mathur
Hackathon: Open Source – Manish K Thakur; Games – Prashant Kaushik
Code Simulate Debug: Mahendra K. Gurve, Shikha Mehta, Shelly Sachdeva
Poster Paper Presentation: Gaurav Verma
Code of Codons: Ashwini Mathur, Chakresh K. Jain, Smriti Gaur
Creative Design: Anuja Arora
Start-up Summit and Invited Talk: Prashant Kaushik, Dharmveer S Rajpoot
Hydrophilic: Ashwini Mathur, Chakresh K. Jain, Smriti Gaur
Socio-technical Debate: Puneet Pannu, Santoshi Sengupta
Poster Mania, Fastest Finger First, Blind Coding, and Treasure Hunt: Manish K. Thakur, Shamim Akhter, Tribhuwan K Tewari, Prashant Kaushik, Ashwini Mathur
Prize Distribution Ceremony: Chetna Dabas, Manish K. Thakur, Shamim Akhter, Tribhuwan K Tewari, Ashwini Mathur, Krishna Sundari, Santoshi Sengupta, Smriti Gaur
Hospitality, Finance, Website, and Graphic Design: Manish K. Thakur, Shamim Akhter, Tribhuwan K Tewari, and Ashwini Mathur
Report Compilation and Editing: Manish K. Thakur



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