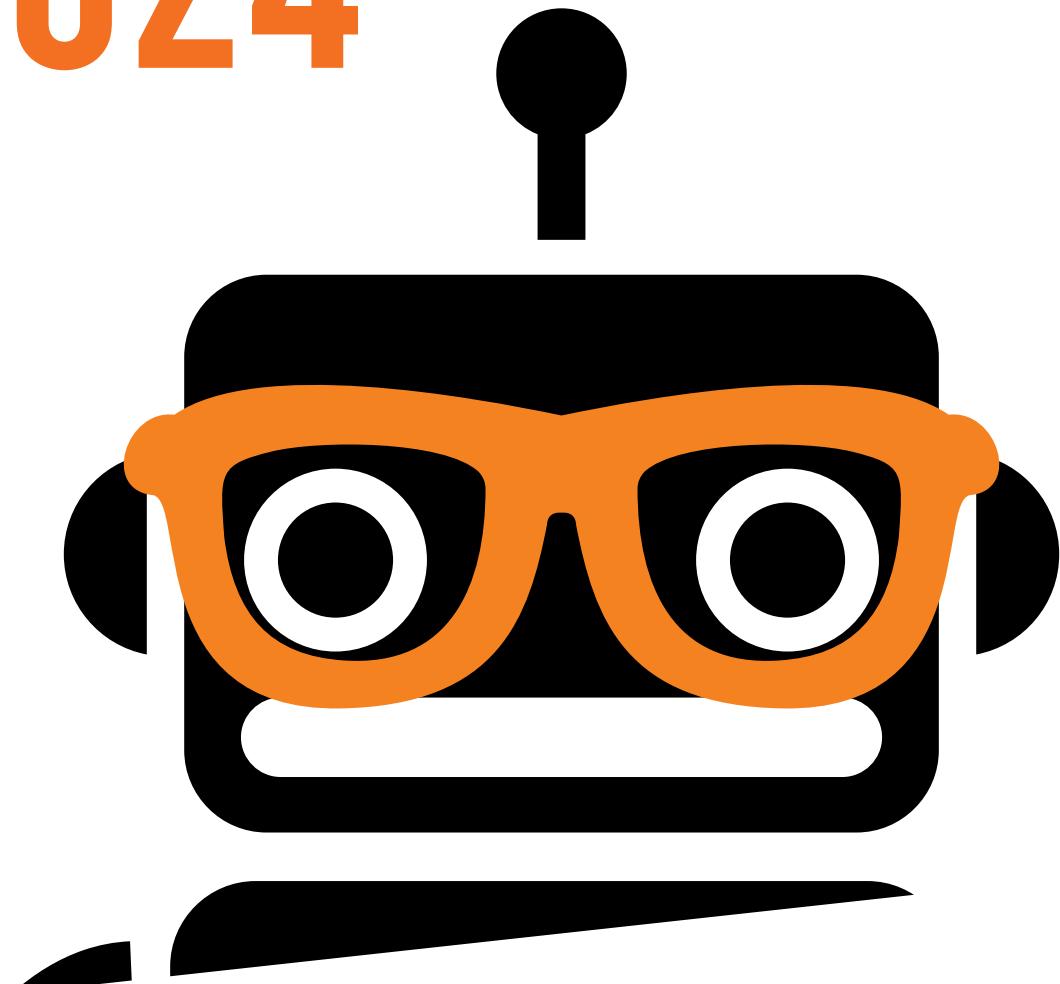
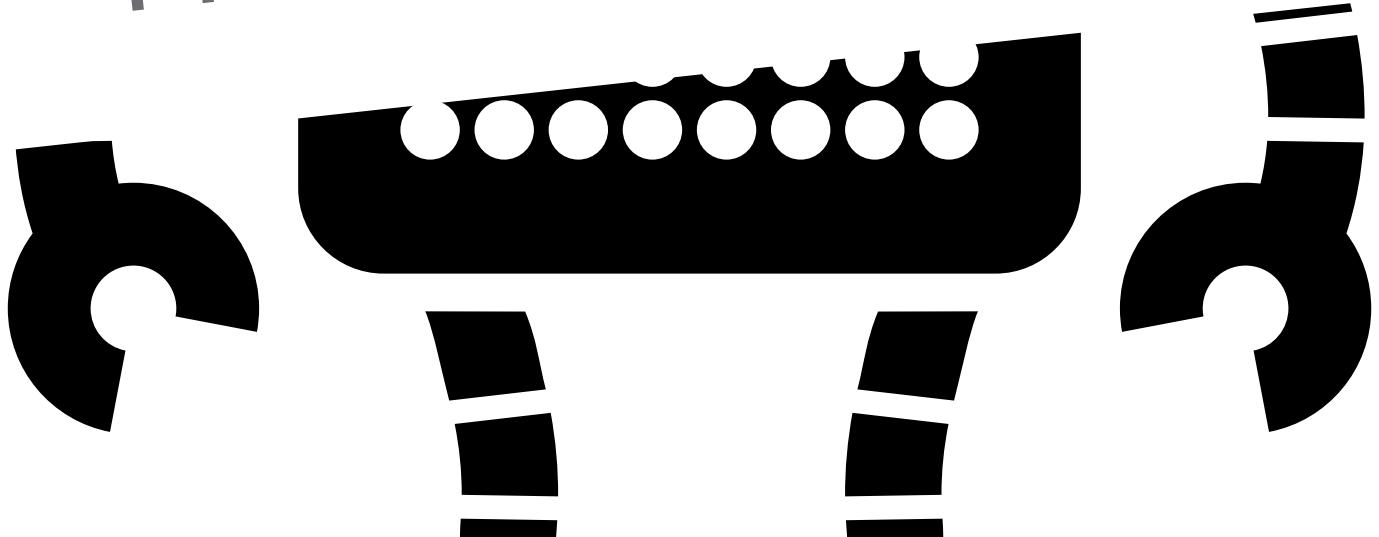


6024

MARCH 2018
ISSUE No.: 01 FREE



FRC TEAM R FACTOR



MARCH, 2018
FREE FOR CIRCULATION IN FRC

"POWER UP TEAM 6024",
Our Chief Minister's words of
encouragement!

#CMO Maharashtra in Twitter

CM @Dev_Fadnavis meets and wishes all success to #TeamIndia 6024 R Factor which will represent India in FIRST Robotics Competition at Sydney, @Australia 23 students from various schools of Mumbai are part of this team! FIRST (For Inspiration & Recognition of Science & Technology)!!

#FIRST, ISRO and PMO India



A SURGE FORWARD...

LET THE GAMES BEGIN...

**BELIEVE.
ACHIEVE.
INSPIRE.**



TEAM 6024 FAMILY



2017-18



TEAM 6024 FAMILY

VISION AND MISSION

ALUMNI

INSPIRING INTERACTIONS

TEAM ACHIEVEMENTS AT FIRST

TEAM ACHIEVEMENTS AT INTEL SCIENCE FAIR

STEM PROJECTS THAT MADE A DIFFERENCE

FIRST TEAMS WE MENTORED

FRC TEAMS WE INTERACTED WITH

LETTERS OF APPRECIATION

WE INSPIRE MINDS

DEMONSTRATIONS

FLL KICK - OFFS

FLL REGIONALS

PRESENTATIONS

RECOGNITION

MEDIA

TEAM 6024 FAMILY

25 FRC Student Members

16% Female



Over **50%** from FLL and FTC teams



9 Schools

44 International & National STEM Awards

1st Team from India

100% Alumni Pursue Engineering

3 Seasons & Counting



VISION & MISSION



ALUMNI



TEAM 6024 ALUMNI

- Our Role Models
- 100% go to College
- 100% pursue Engineering
- Many mentor or volunteer at FIRST events
- They mentor us when they visit us during their holidays

Our Alumni are attending the following colleges



Stanford
University



PRINCETON
UNIVERSITY



Yale University



COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK



Penn
UNIVERSITY OF PENNSYLVANIA



Berkeley
UNIVERSITY OF CALIFORNIA



USC University of
Southern California



HARVEY
MUDD
COLLEGE



PURDUE
UNIVERSITY



Florida Institute
of Technology



INSPIRING INTERACTIONS



Dean Kamen - Founder FIRST, showed us that knowing is not enough; we must apply. Willing is not enough, we must do.

INSPIRING INTERACTIONS



Mr Narayan Murthy - Founder Infosys, taught us that technology is all about using the power of science to make life better for people.



Prof Kip Thorne - Nobel Laureate, told us that the essence of life was to understand and to create something



From Dr Anil Kakodkar - Ex-Chairman Atomic Energy Commission, we learnt about the power of perserverance.



TEAM ACHIEVEMENTS AT FIRST

AWARDS TEAM 6024

2018 SYDNEY REGIONAL

Runner-up for Safety Animation Award Sponsored by UL Sydney Regional.

Recognizes the team that submits a short animated film that best promotes the current season's team safety focus.



2017 New York Tech Valley Regional, Troy

Quality Award Sponsored by Motorola Solutions Foundation.

Celebrates machine robustness in concept and fabrication.



2017 First Global Challenge, Washington DC

GOLD for Zhang Heng Engineering Design Award

BRONZE for Global Challenge Match Points

TWO Awards (both Quantitative & Qualitative)



2016 SYDNEY REGIONAL

Entrepreneurship Award sponsored by Kleiner Perkins Caufield & Byers

This award celebrates the entrepreneurial spirit and recognizes a team which has developed a comprehensive business plan in order to define, manage and achieve the team's objectives. This team displays entrepreneurial enthusiasm and the vital business skills to ensure a self-sustaining program.

TEAM ACHIEVEMENTS AT FIRST



PROJECT: FTC Sydney 2017
AWARD: Finalist Alliance



PROJECT: T21, FLL, Arkansas 2015
AWARD: 2nd Best Project Award
DESCRIPTION: Help kids with Down Syndrome to speak in a way so that others understand them better



PROJECT: TRASH TRAIN FLL, 2016
AWARD: Best Project Award
DESCRIPTION: Self-cleaning Trash can for long distance trains of Indian Railways



PROJECT: FTC Sydney 2015
AWARD: Inspire Award



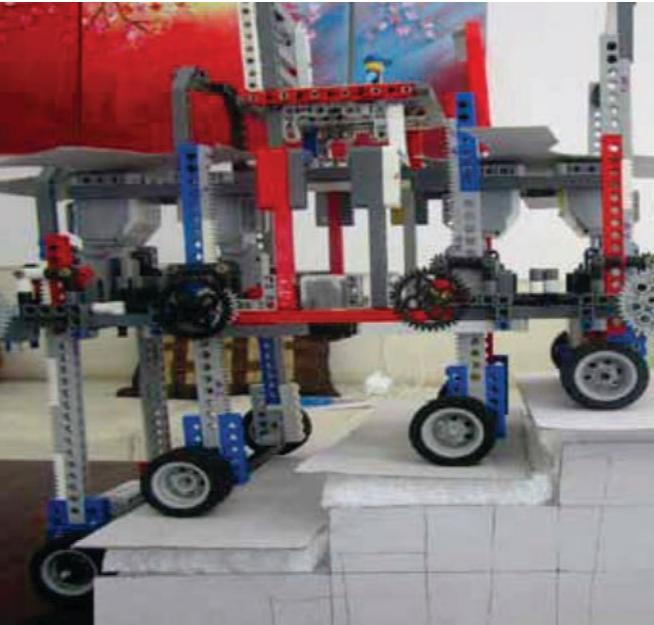
TEAM ACHIEVEMENTS AT FIRST



PROJECT: FUNETICS, FLL, 2015

AWARD: Best Project Award

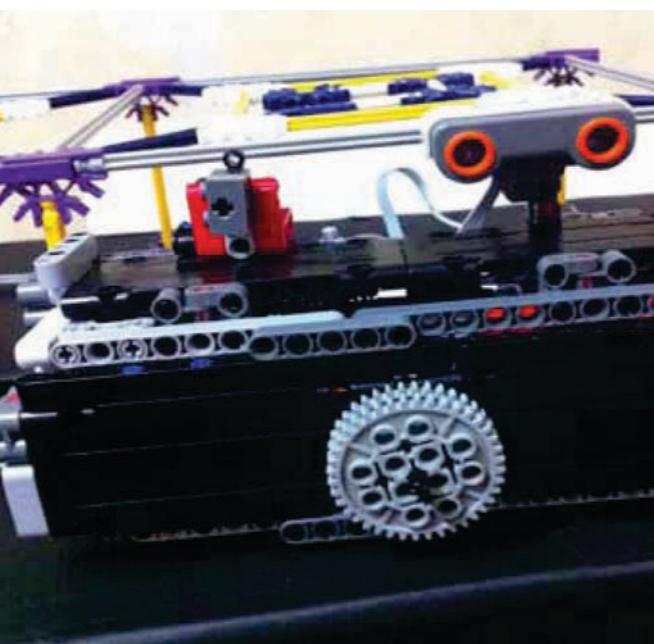
DESCRIPTION: Using phonetics to help children with Dyslexia read better



PROJECT: SHRAVAN, FLL, OEC 2013

AWARD: Best Project Award

DESCRIPTION: Stair Climber for senior citizens



PROJECT: SAFFRON FLL, Asia Pacific 2013

AWARD: Champions Award

DESCRIPTION: Smart stove with alarm



PROJECT: LIVEN, FLL, 2014

AWARD: Core Values Award

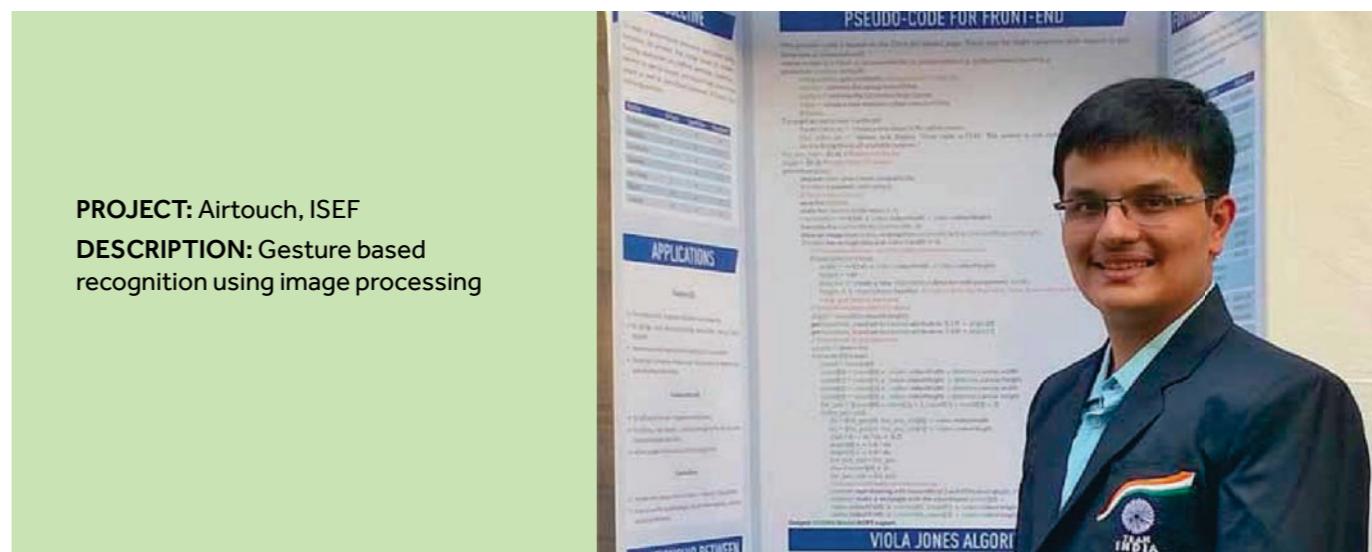
DESCRIPTION: Locate people stranded in floods in mountainous regions

TEAM ACHIEVEMENTS AT INTEL SCIENCE FAIR



PROJECT: Collision Prediction, ISEF

DESCRIPTION: Prediction of 2 balls colliding in a 2 dimensional rectangular bound plane at the start of their movement



PROJECT: Airtouch, ISEF

DESCRIPTION: Gesture based recognition using image processing



PROJECT: Cyclos Warning System, ISEF

DESCRIPTION: Prevents backache on endurance cyclists

STEM PROJECTS THAT MADE A DIFFERENCE

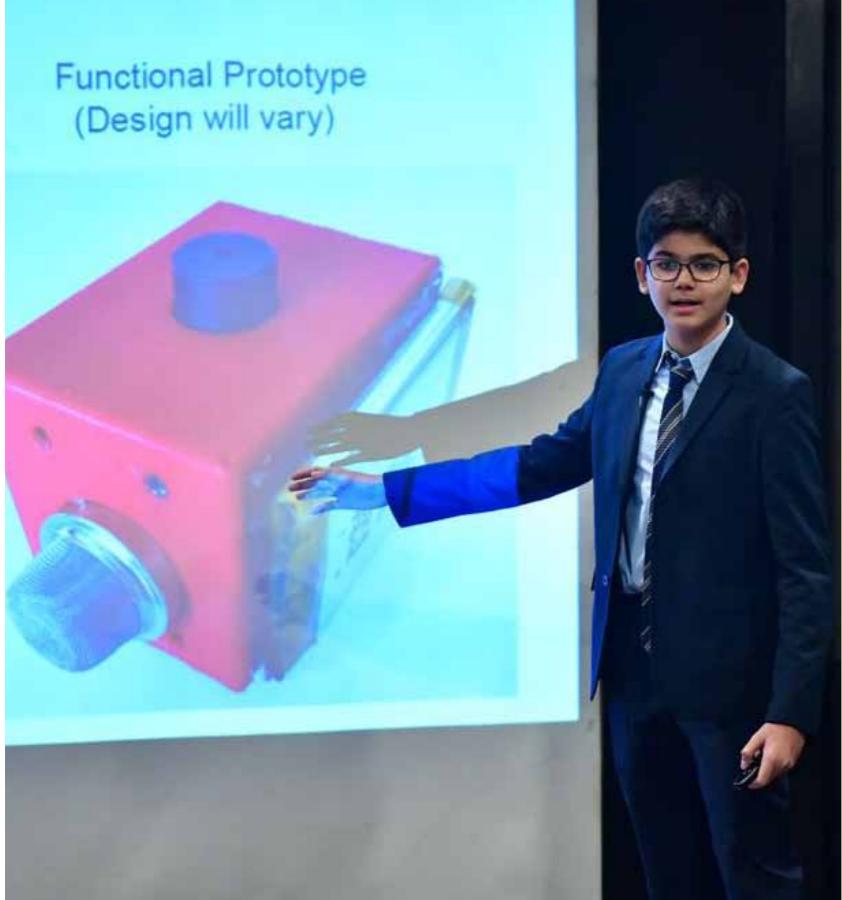
STEM PROJECTS THAT MADE A DIFFERENCE

WASTE MANAGEMENT

Reduced the waste going to landfills from the communities by 80%. This was achieved by solid waste management which involved segregation of waste into dry and wet waste - the wet waste was then composted, and the dry waste was reduced, reused and recycled.

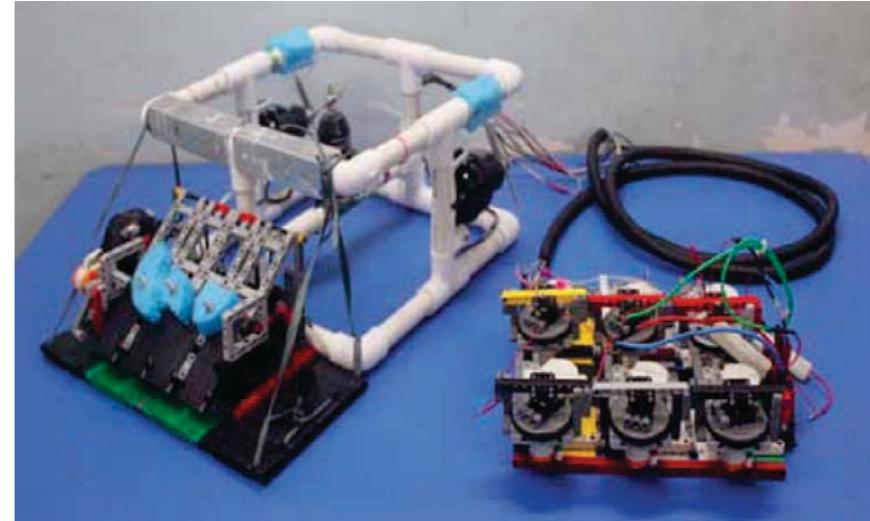


Functional Prototype
(Design will vary)



SENSAFE

Efficient and inexpensive device that detects the level of flammable gas in the surrounding and informs user via an email Or SMS to the users smartphone if a gas leak has taken place.



PROJECT: Manthan

DESCRIPTION: Underwater ROV for collecting resources from mines.



PROJECT: RFID Project, IRIS

AWARD: Public Choice Award

DESCRIPTION: Effective system to catch traffic violators.



PROJECT: Unbreakable Zipper

DESCRIPTION: High quality unbreakable zipper made to withstand rough conditions.



FIRST TEAMS WE MENTORED

FRC & FTC Teams

FRC TEAM

We mentored rookie Team 6813 from the American School of Bombay, helping them with construction, electricals, programming and robot design. We also lent them parts and shared our practice field with them.



2 FTC TEAM



FIRST TEAMS WE MENTORED



FLL Teams

We mentored 8 FLL Teams and 10 Jr. FLL Teams.





FIRST TEAMS WE MENTORED

FLL Teams



FIRST TEAMS WE MENTORED

Jr. FLL Teams



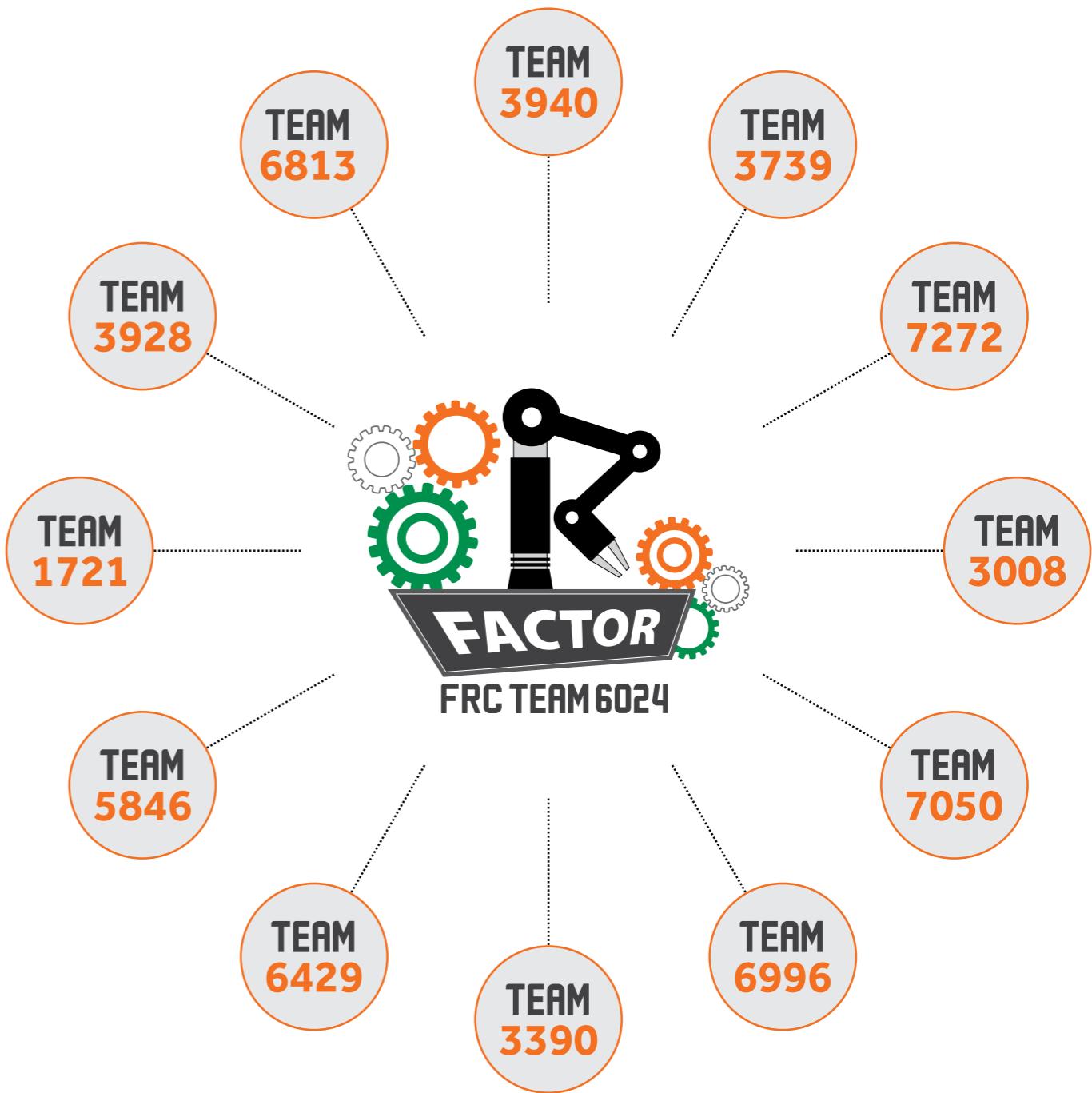


FIRST TEAMS WE MENTORED

Jr. FLL Teams



FRC TEAMS WE INTERACTED WITH





LETTERS OF APPRECIATION

Letter from Poonam Mahajan - Member of Parliament



It is so gratifying to have people we met to spread STEM and FIRST awareness appreciating our work.

Poonam Mahajan
Member of Parliament, Loksabha

Congratulations Team 6024 on all your achievements.

As the world is moving towards an innovation led economy, India with its rich tradition in education and excellence needs to prepare its youth to be at the forefront of this technologically led environment. Like you, I believe programs such as the FIRST Robotics Competition would help foster scientific knowledge and confidence among our nation's young people and help develop a love for subjects like Maths, physics and engineering. We must encourage the interest of children in these areas and lead our state in growth and prosperity.

Team 6024 is doing a great job in spreading STEM awareness and your team is truly a role model. I appreciate that you are not only trying to win accolades for the country at the global level but also trying to pass on your passion to the lesser privileged and making a difference to the community.

Best wishes as you continue in your endeavour of technology advancement and spreading STEM awareness. I support this initiative and would help in all possible ways to meet your goals. Keep up the good work!

Best Regards

Poonam Mahajan

LETTERS OF APPRECIATION



Schools

DHIRUBHAI AMBANI INTERNATIONAL SCHOOL ESTD. 2009

1st March 2018

TO WHOM SO EVER IT MAY CONCERN

It is with great pleasure that I am writing this letter of endorsement for our students taking part in the FIRST Robotics Competition in Sydney.

A team comprising 26 students across Grades 8-12 from 9 schools across Mumbai. Our team won a Gold and a Bronze Medal among 160 countries in the prestigious First Global competition held in Washington this year; we have won the Entrepreneurship Award, the Quality Award and were the runners up for the Safety Animation award at the previous First Robotic Competitions. Our team is proud to have 100% of our alumni pursuing STEM majors in college.

Hitansh Doshi (Grade 12), Adhayan Sekhsaria (Grade 11), Aarushi Majumder (Grade 11), Krish Mehta (Grade 11), Riyaan Bakhera (Grade 10), Tanay Nistala (Grade 9), Shiv Kampani (Grade 8) have been involved in this project for the past year for the competition in Sydney in March.

We acknowledge that the teamwork and creative skills, as well as the design and entrepreneurial skills required to be successful in such an intensely stimulating project are highly complementary for the enquiry based learning and problem solving attitude DAIS promotes. The fact that this group of students have worked successfully on this, as well as introducing a number of students in other schools to the FIRST Robotics Competition whilst also maintaining good academic progress in school only testifies their caliber and commitment to this project.

We wish them the very best of luck in the competition and look forward to hearing about their experiences and accomplishments when they present their project when they return to India.

Yours Sincerely,

Abhimanyu Basu
Abhimanyu Basu
Deputy Head International Curriculum

OBEROI INTERNATIONAL SCHOOL

Date : 6th February 2018.

To Whom It May Concern,

It is with pride and pleasure that I am writing this letter of endorsement for our students taking part in the FIRST Robotics competition in Sydney.

Ishaan Thakur, Radhika Sekhsaria, Nandish Khandhar and Yashvi Jaju have been involved in this project for some time and have assured us that they will get ahead with their school work and assessments before their proposed absence for the competition in Sydney in March.

We acknowledge that the teamwork and creative skills, as well as the design and entrepreneurial skills required to be successful in such an intensely stimulating project are highly complementary for the type of holistic education that Oberoi International School aspires to. The fact that this group of students have worked successfully on this, as well as introducing a number of students in other schools to the FIRST Robotics Competition whilst also maintaining good academic progress in school also impresses upon us their ability to manage their time and divide their intellectual focus in important areas of their own development.

We wish them the very best of luck in the competition and look forward to hearing about their experiences and accomplishments when they present their project, and hopefully their robot in an assembly when they return to school.

Yours proudly,

Anthony Wright
Anthony Wright
Deputy Head of Secondary – High School

NARSEE MONJEE EDUCATIONAL TRUST'S JAMNABAI NARSEE SCHOOL

February 22, 2018

TO WHOM IT MAY CONCERN

It is with pride and pleasure that I am writing this letter of endorsement for our students taking part in the FIRST Robotics Competition in Sydney.

Arman Sheth, Mahr Shah and Vyom Shah of TEAM R FACTOR have been involved in this project for some time and have assured us that they will get ahead with their school work and assessments before their proposed absence for the competition in Sydney in March.

We acknowledge that the teamwork and creative skills, as well as the design and entrepreneurial skills required to be successful in such an intensely stimulating project are highly complementary for the type of holistic education that Jamnabai Narsee School aspires to. The fact that this group of students have worked successfully on this, as well as introducing a number of students in other schools to the FIRST Robotics Competition whilst also maintaining good academic progress in school also impresses upon us their ability to manage their time and divide their intellectual focus in important areas of their own development.

We wish them the very best of luck in the competition and look forward to hearing about their experiences and accomplishments when they present their project, and hopefully their robot in an assembly when they return to school.

Zeenat Bhojajiboy
Zeenat Bhojajiboy
Principal

JAMNABAI NARSEE SCHOOL
MUMBAI
400 049

February 7, 2018

To Whom It May Concern

Edubridge International School is delighted to write this letter of endorsement for our student, Harsh Savla, who is taking part in the First Robotics Competition in Sydney.

We know that Harsh is very passionate about STEM, and robotics in particular, and has been involved in this project since the past few months.

Edubridge builds on values of risk-taking, teamwork, creative, design and entrepreneurial skills which are also values encouraged by IIO and our school. We are aware that team R Factor has successfully spread awareness and conducted FIRST programs in Mumbai.

Harsh has managed to keep up with academics and perform well and devote long hours with his team for his project. This demonstrates his knack for time management and his ability to focus on areas important for his self-development.

We wish team R Factor good luck and look forward to hearing about their experiences and learnings at Sydney.

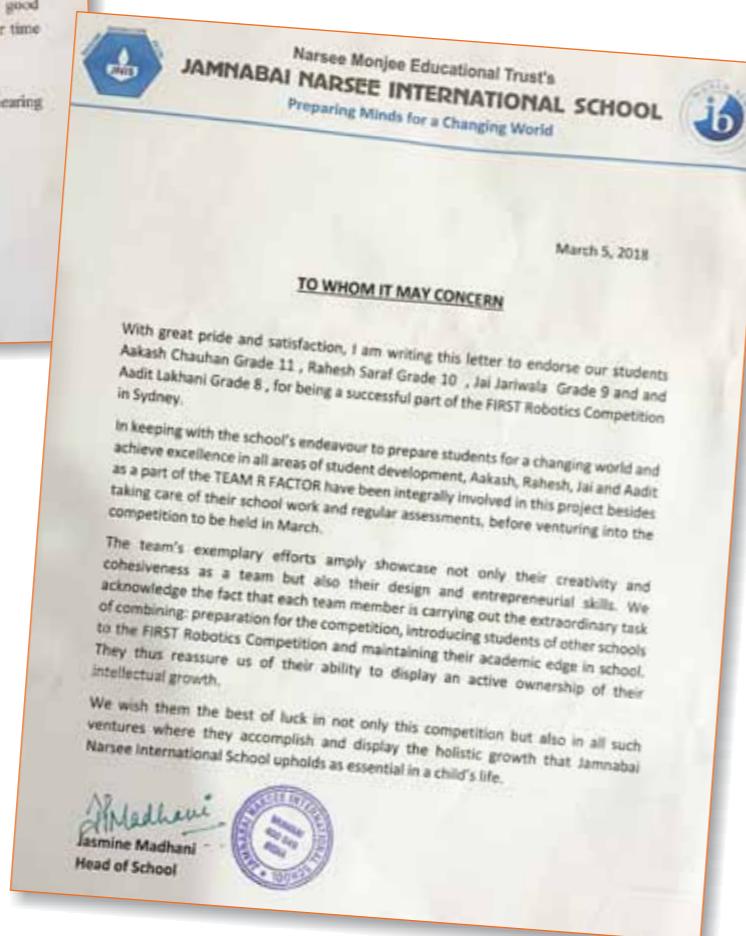
Yours Regards

Asheka Tenzin
Asheka Tenzin
SECOND YEAR HEAD



LETTERS OF APPRECIATION

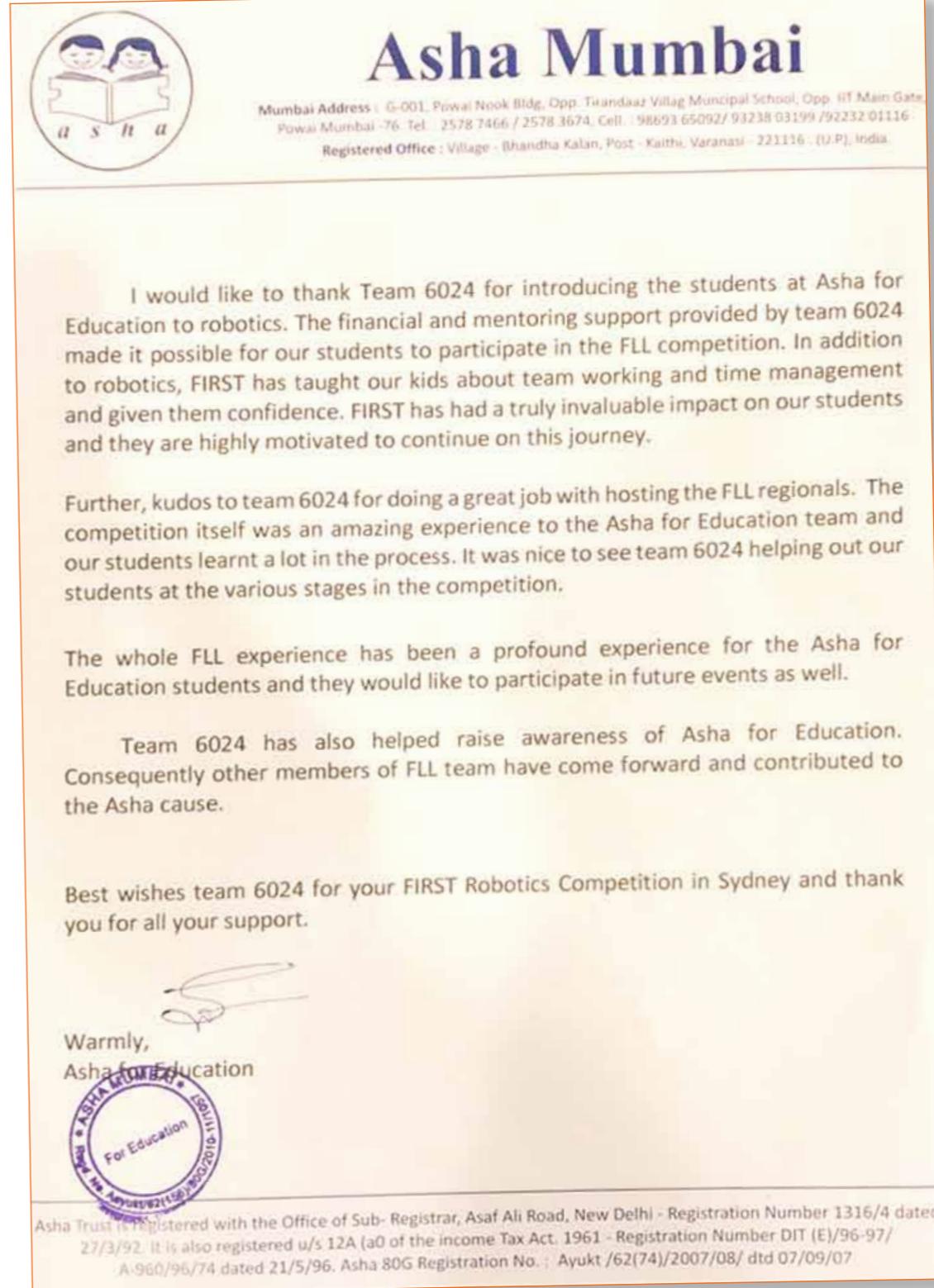
Schools



LETTERS OF APPRECIATION



NGOs





LETTERS OF APPRECIATION

Sponsors

Narotam Sekhsaria
15 February 2018

Dear Team 6024

Congratulations Team 6024 on your achievements at the FIRST competitions. Your accomplishments demonstrate your aptitude towards technology and deep understanding of the basic concepts of math, science and engineering.

Seeing Team 6024 go from strength to strength for the past 3 years gives me satisfaction that the support I gave has nurtured passion and excellence in the team. I applaud Team 6024 for the hard work and dedication that has been put in the First Robotics Program.

I look forward to your continued efforts and hope that each one of you will be able to pursue your technology related dreams and wish Team 6024 all the very best for the First Robotics Competition in Sydney.

In continuation of our support, I am sending herewith a cheque of Rs 5 lakhs, towards the Sydney Competition.

Good Luck!

Narotam Sekhsaria
[Narotam Sekhsaria]

Infosys®
INFOSYS PRIZE
Trusted
Srinath Basu
K. Dinesh
S. Govindarajan
Nareyana Murthy
Nandan Nilekani
T.V. Mohandas Pai
S. D. Shukla
General Manager:
Bhavna Mehra

27 February 2018

Dear Team R Factor

I would like to commend all of you for representing India at the international level of competitions in Australia and elsewhere. It was a pleasure to meet some of the team members at the Infosys Prize 2017 function in Bangalore last month. The confidence displayed in your interaction with Nobel Laureate Kip Thorne and your curiosity and ability to ask the right questions are all remarkable. I hope you continue to go from strength to strength in competitions. The Infosys Science Foundation has been proud and pleased to be associated with you.

I also appreciate the fact that you have not kept your learnings to yourself but reached out to students from other schools to show them what is possible. I would love to stay abreast of your initiatives in robotics and in spreading STEM skills.

Warm regards,

Bhavna Mehra

Bhavna Mehra
General Manager,
Infosys Science Foundation

JM FINANCIAL

Congratulations team 6024 on your achievements at the FIRST competitions. Your accomplishments demonstrate your aptitude towards technology and mastery of the basic concepts of math, science and engineering.

I applaud team 6024 for the hard work and dedication that has been put in the First Robotics Program.

I look forward to your continued efforts and hope that each one of you will be able to pursue your technology related dreams and wish team 6024 all the very best for the First Robotics Competition in Sydney.

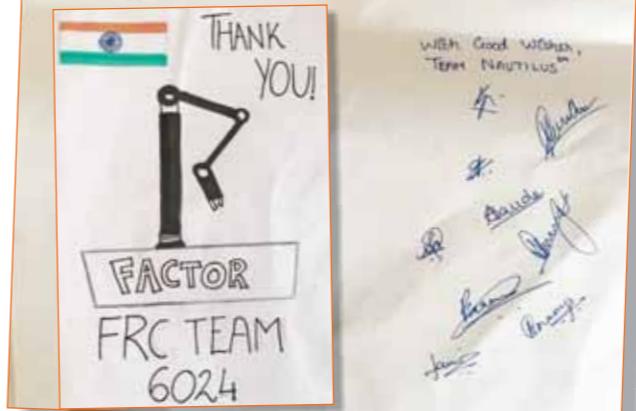
Best,

Vishal Kampani

LETTERS OF APPRECIATION

Teams We Mentored

R-Factor, the FRC team (#6024) volunteered to help in the organization of the FLL regionals in Mumbai. Their entire event went very smoothly and they helped us before our interviews. The speech they made at the inauguration was very inspiring and informative. The choice of school was great and the arrangements were impeccable. They gave us the opportunity to showcase our talents, progress and hardwork with several like-minded teams. We got to put forth our ideas before more experienced people and see their feasibility. For it for this we thank them. We hope that they have a fantastic season, achieve success and make India proud once more.



AMERICAN SCHOOL OF BOMBAY
March 1, 2018

To whomsoever it may concern

Team R-Factor has been an invaluable help as mentors to the American School of Bombay's Robotics Team: Pangaea. They have assisted and supported our students and went above and beyond what we expected with their kindness and eagerness to share their expertise. Their help was invaluable to our ability to attend the competition this year. Without them, our initial robotics campaign would have been a much more difficult experience.

In addition, Team R-Factor helped to conduct the Mindplash robotics event held at the American School of Bombay campus in December.

We are deeply grateful for their support and hope to collaborate with them again in the future.

Sincerely,
Matthew C. Roffle
Matthew C. Roffle
Director of Institutional Advancement

Dear R Factor,

We wanted to make this note to thank you for all that you have done for our team. Thank you so much for organising Mindplash. It was the opportunity we needed to start robotics. Thank you for giving us the opportunity to expand our horizons, dream beyond our wilts. Thank you for sponsoring us for FLL. Thank you for constantly inspiring us and being a group of people we can look up to. We hope we make you proud, especially every girl in the team. Thank you for your guidance!

FROM: GIRL MATTER

- Aarna Sanghvi
- Arushi Maherwani
- Jia Dinit
- Vaanya Das

From:
Tech - Know - logic
To: R Factor [Frc]

We thank you for organizing the FLL competition. We could benefit a lot from this competition. We got a lot of experience. We got a lot of information of FRC. From our team got engrossed in it. Liked the talk and decided that they would like to join the FRC team. Once again THANK you!

→ Tech - Know - logic





LETTERS OF APPRECIATION

India STEM Foundation



LETTERS OF APPRECIATION



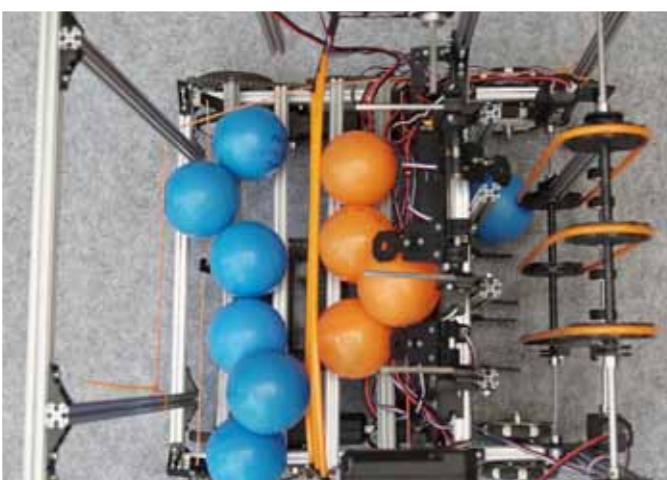
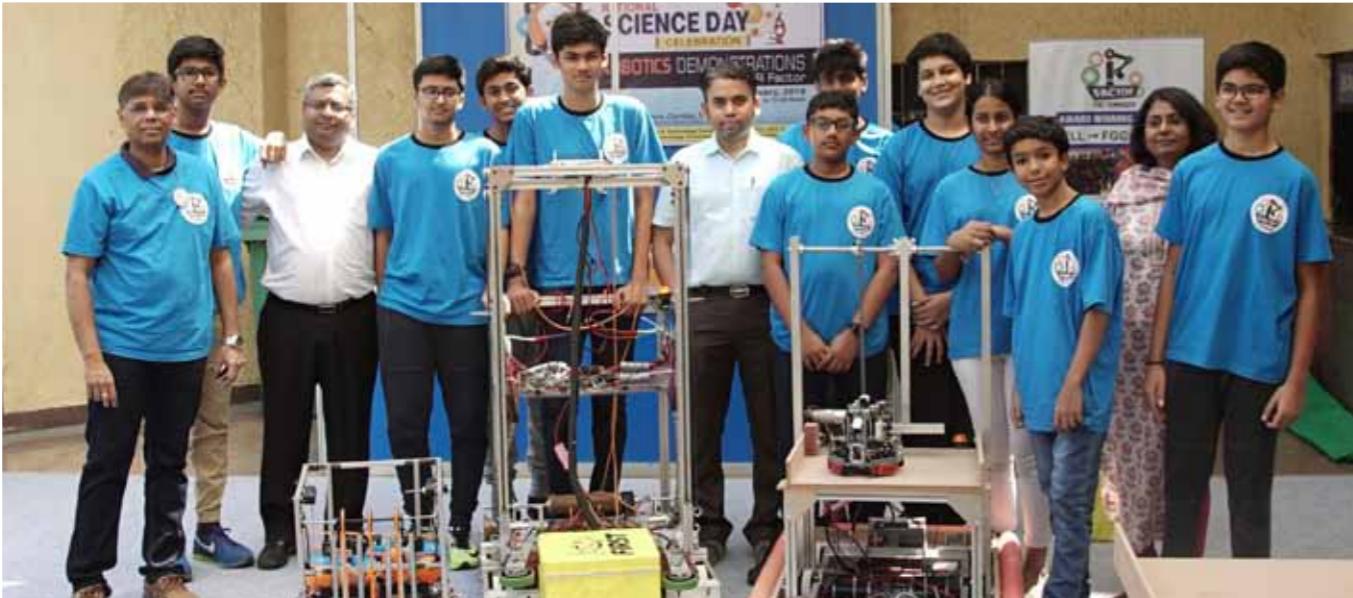
Nehru science





WE INSPIRE MINDS

Demonstration at Nehru Science Centre



WE INSPIRE MINDS

Demonstration at Nehru Science Centre

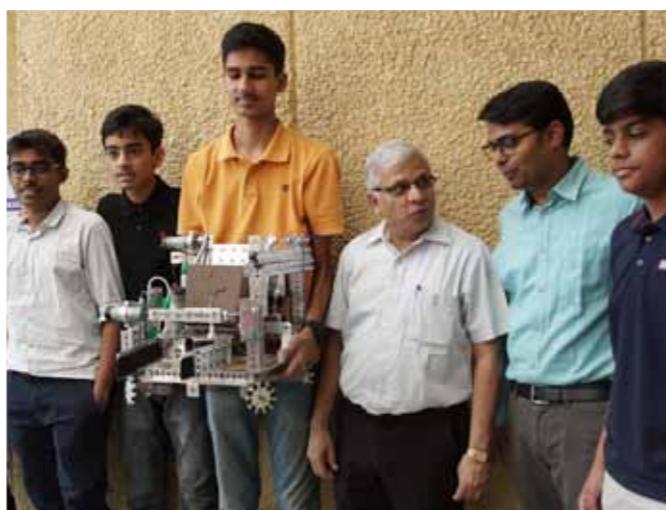
NEHRU SCIENCE CENTRE

Team 6024 was invited to display our FIRST robots at the Nehru Science Centre, India's largest interactive science museum as a part of the National Science Day celebrations. This event had children from 70 schools across Mumbai coming to watch the demonstrations.



WE INSPIRE MINDS

Demonstration at Nehru Science Centre



WE INSPIRE MINDS



Demonstration at Nehru Science Centre



WE INSPIRE MINDS



IIT TECHFEST
Team 6024 showcased our robots at the IIT Techfest. This Techfest at IIT Bombay is Asia's Largest Science and Technology Festival, a footfall of more than 1,60,000 (comprising students, academia, corporates, scientists) annually and a reach of over 2500+ Indian colleges and over 500+ colleges abroad. Members of our team won the 1st prize in the Innovation Challenge at the Techfest.



WE INSPIRE MINDS



Demonstration at IIT Pace



IIT PACE
A FIRST presentation to high school students at IIT PACE.



WE INSPIRE MINDS

Demonstration at Mumbai Marathons



MUMBAI MARATHON

The Mumbai Marathon, the largest marathon in Asia, is an annual international marathon held in Mumbai. Our team distributed water bottles at the event while spreading awareness around road safety.



WE INSPIRE MINDS

Demonstration at Equal Streets



EQUAL STREETS

To create an excitement of STEM and FIRST we demonstrated our robots at Equal Streets, a Citizens' Movement in Mumbai which saw participation of thousands of people.



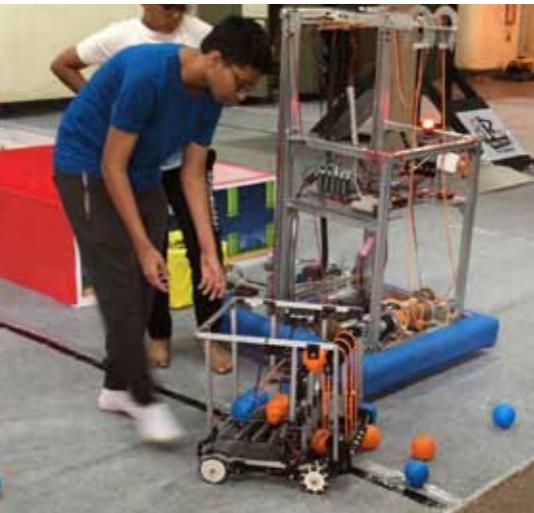


WE INSPIRE MINDS

FLL KICK - OFFS



Demonstration at Government School



GOVERNMENT SCHOOL DEMOS
The children of the Dixit Road BMC School, a municipal school were excited to see our robot.



MINDSPLASH
Team 6024's FLL Kickoff which was done jointly with the American School of Mumbai's FRC team 6813. This event had over 200 children participating with over 50% girls. Our team funded two teams - an all girls team and a team from Asha Foundation from this kickoff for participation in the FLL competition.





FLL KICK - OFFS

Mindsplash



FLL KICK - OFFS



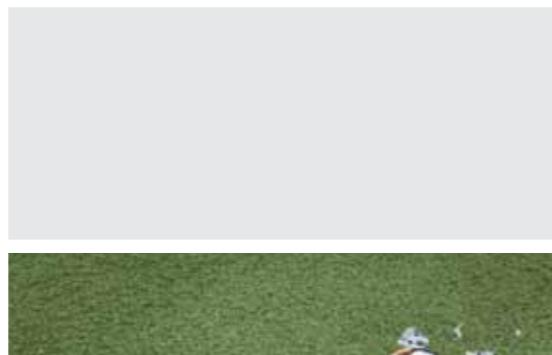
Mindsplash





FLL KICK - OFFS

Mindsplash



FLL KICK - OFFS



Beaumonde

BEAUMONDE

Our team conducted an FLL Kickoff at Beaumonde Housing Society and this event saw a big turnout. It was intensely gratifying to see children enjoying themselves while playing with lego, building, creating and innovating at these competitions.





FLL KICK - OFFS

Children For Change



CHILDREN FOR CHANGE

This was a theme based competition we conducted to spread awareness of, STEM, Robotics and Safety. Over 300 children between the ages of six to sixteen worked on innovative ideas or projects they might have to improve our community. The competition comprised a logic test, an ideathon, a robot build session, and a drone challenge. CFC not only tested students' knowledge but also their creativity, tenacity and sheer nerve.



Women in STEM
is a theme based robotic competition with a focus on getting more girls to participate.





FLL KICK - OFFS

WRO Regional

WRO REGIONALS

At the WRO regionals that our team hosted, we spread the message of FIRST. The event was attended by over 300 students from 35 schools.



FLL KICK - OFFS

Asha For Education

ASHA FOR EDUCATION

We had a STEM and FIRST awareness camp at Asha Foundation, an organization which works with the underprivileged children. We started and mentored one team from the foundation to participate in the FLL regionals. Their eagerness to learn about STEM and to try different things was a very humbling experience for us.





FLL KICK - OFFS

Candlelight Project

CANDLELIGHT

The team of underprivileged children we started, won the Best Project award at FLL regionals and went to the Nationals.



FLL KICK - OFFS



Sankalp



SANKALP

Demonstration of robot to the differently abled children of Sankalp Shikshan Sanstha.



FLL KICK - OFFS



AAGAM

During the competition, it was amazing to see the enthusiasm, knowledge and teamwork of the FLL and Junior FLL teams. One could see future scientists at work.

One of the coaches had this to say of the FLL competition "The activities are interactive; students are taught FIRST core values of teamwork; being effective and efficient; the joy of being inspired; the value of discovery; having team spirit; and being inclusive, respectful and cooperative when working with others."

FLL REGIONAL



Aagam



FLL REGIONAL

Team 6024 hosted and volunteered at FLL (First Lego League) and Junior FLL Mumbai Regionals. This year's challenge was "Hydro Dynamics". At the regionals, Team 6024 provided lunch as well as snacks for the parents and the teams. More than 300 students from Mumbai participated in this event. Volunteers from Team 6024 spent the day facilitating the event, doing everything from set-up, gate check-in, to scoring and time keeping, team runners, referees, judges, registration, cheering the teams among a host of other roles.

Overall, this event was a fun learning experience for all members of 6024 and we're happy to have had an opportunity to inspire FLL students to continue in their interest in STEM fields.



FLL REGIONAL

FLL Regional



FLL REGIONAL

FLL Regional





FLL REGIONAL



PRESENTATIONS



FLL Regional

Meetings With Sponsors



SPONSORS
Our Sponsors have encouraged and supported our FIRST venture.





PRESENTATIONS

PRESENTATIONS



Infosys Foundation Day



INFOSYS FOUNDATION DAY
It was truly inspiring to interact with Nobel Laureate Dr. Kip Thorne at the Infosys Foundation Day.



INTERACTION WITH CHANGE MAKERS
We interacted with members of parliament, scientists and corporate leaders to spread our message of FIRST.





RECOGNITIONS



RECOGNITION

School and Corporates felicitated us for our achievement at FIRST.



MEDIA



Media

Mumbai team 'R FACTOR' gets ready to represent India at 'First Robotic Competition 2016'

India Infoline News Service | Mumbai | March 18, 2016 12:14 IST



A very talented team from Mumbai is all set to participate in this year's 'First Robotic Competition (FRC)' which will be held on 17th March at the Sydney Olympic Park, Australia. It is the very first time that a rookie team from India has qualified to be a part of this competition.

The Indian team 'R FACTOR', sponsored by The Narotam Sekhsaria Foundation, Parle-G, Juliet and Challenge, has 16 boys and girls aged 14 to 17 years from Mumbai schools (Dhirubhai Ambani, Jamnabai Narsee International School, Ecole Mondiale World School and others). They are being mentored by Asha Sundararajan of Childrens Technology Workshop in Juhu. The competition is a culmination of six weeks of teamwork that includes designing, building and programming robots to enter the event.

Combining the excitement of sport with the rigors of science and technology, First Robotic Competition is said to be the biggest robot building contest with nearly 50 teams from across the world, including U.S.A., China, Taiwan

Indian team shines at robotics meet

Seven students worked together to win awards in two categories

PRESS TRUST OF INDIA
WASHINGTON

A group of seven Indian students has bagged two awards at the first global robotics Olympiad where 157 countries participated.

The students, who hail from Mumbai, won gold in the Zhang Heng Engineering Design Award category and bronze in the Global Challenge category at the event organised by FIRST Global in Washington.

The Global Challenge award is presented to three



Top tacticians: The Indian team at the robotics meet in Washington. ■ EMBASSY OF INDIA, WASHINGTON DC

Challenge 2017," the said on its Facebook

Afghan girls honor The three-day even weeks of tense mor the all-girl team fro anistan, whose vi denied twice by State department. due to a last-min vention by U.S. Donald Trump, th able to arrive over end to participat competition.

Mexico City we

Team R Factor



A group of six Mumbai-based students, aged between nine-11 have been awarded the Gold Championship of the FIRST (For Inspiration and Recognition of Science and Technology) Legos League (FLL) Asia Pacific Championship, a global engineering and robotics competition held in Sydney, Australia, between July 4-6. The only Indian team to have won an FLL championship, Team R Factor, comprising students from top-ranked Mumbai schools, bested 36 teams from 17 countries with their invention chm-timed Saffron, an electro-mechanical, user-friendly, sensor-based robotic system designed to prevent mishaps during the process of food preparation. Team R engineered Saffron in line with the theme of 'sensor solutions' — designed for routine problems faced by senior citizens — adopted by FLL.

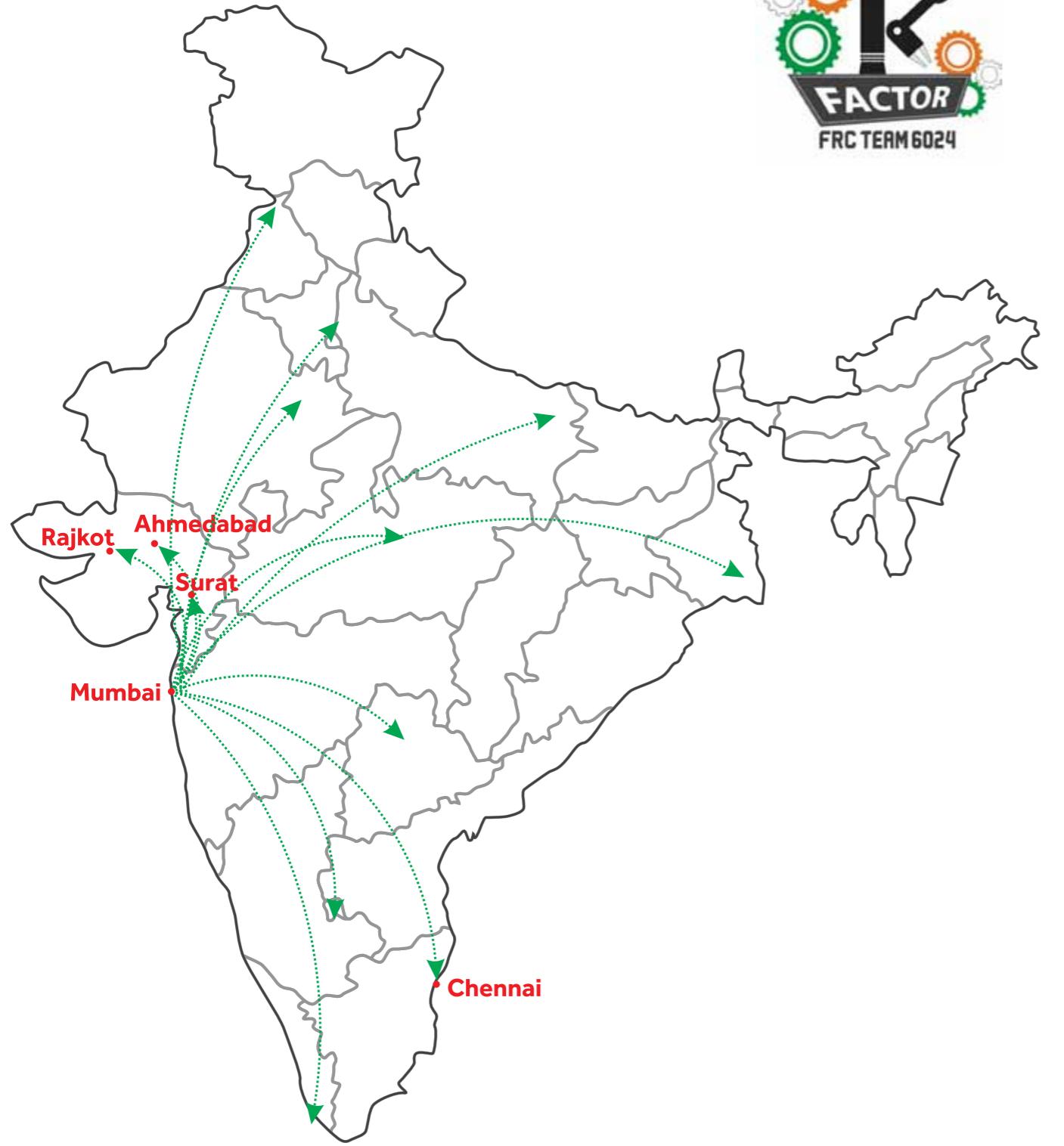
"During interactions with grand-parents we became acutely aware that they suffer mishaps in the kitchen due to failing memory and/or sensory perception. This prompted us to invent Saffron, which is a robotic panel that records the heat of kitchen appliances. It sounds an alarm when an appliance is left unattended beyond a safe period of time, and switches off the appliance automatically if there is no response," explains Amay Sainia (L-R) Ankush, Sheey, Arvind, Bunderaprag, Arman, Anay & Danesh.

Mumbai Teenage Tech Sensations Set To Sizzle In Sydney

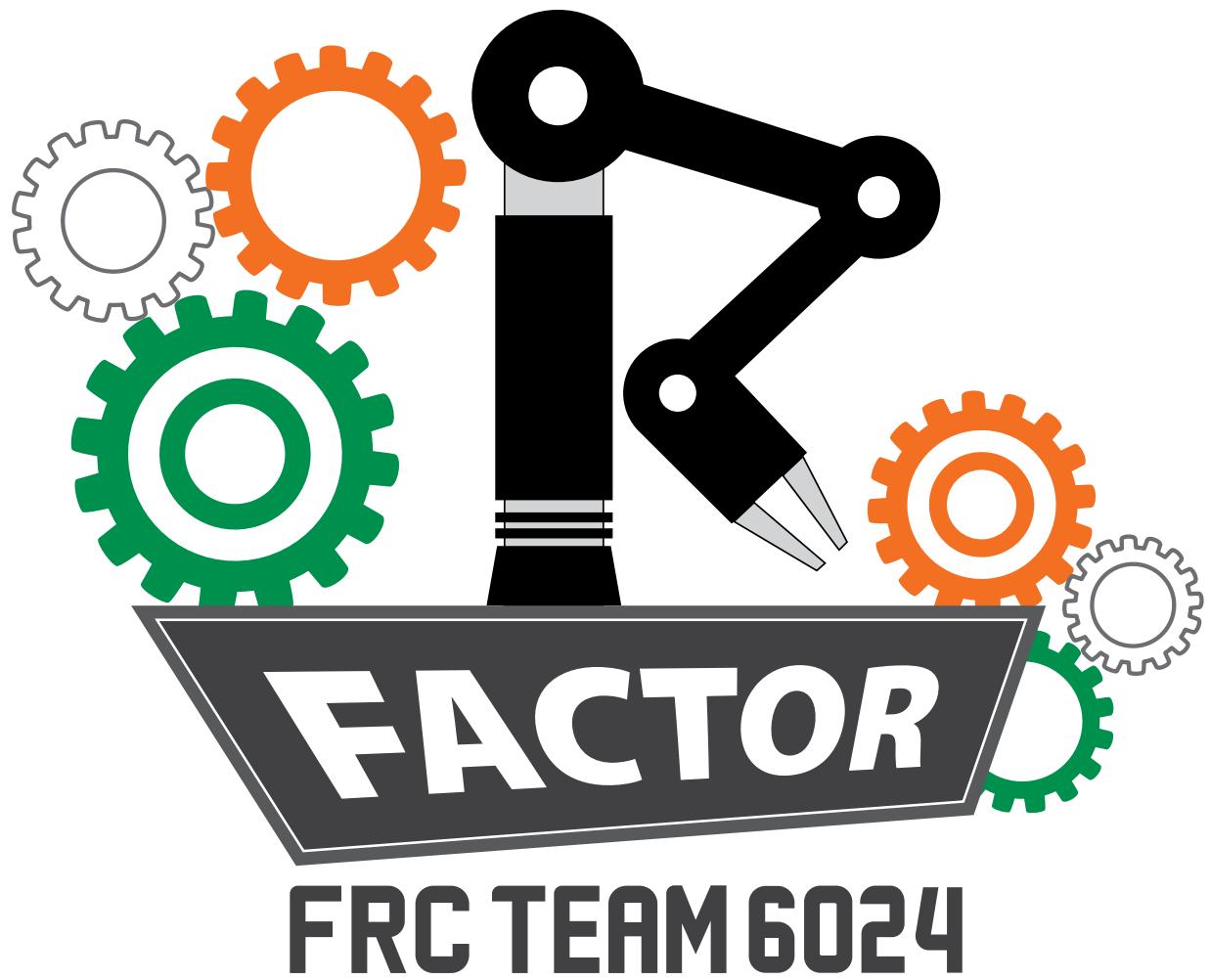
Apr 19, 2015, 06:45 IST | Shreya Bhandary

Nine Teens, Set To Leave For Sydney, Australia On July 12 For The FIRST Tech Challenge (FTC), Prefer To Focus On The Challenge Rather Than The Final Prize – A Scholarship Worth Over USD 13.5 M

At a workshop in Juhu, nine heads pour over a robot that can help them win a scholarship of over \$13.5 million. They are preparing to compete against over 3,500 students from across the globe at the FIRST Tech Challenge (FTC) to be held in Sydney, Australia from July 12-14.



FIRST, here we come!



“Winning hearts with winning efforts.”