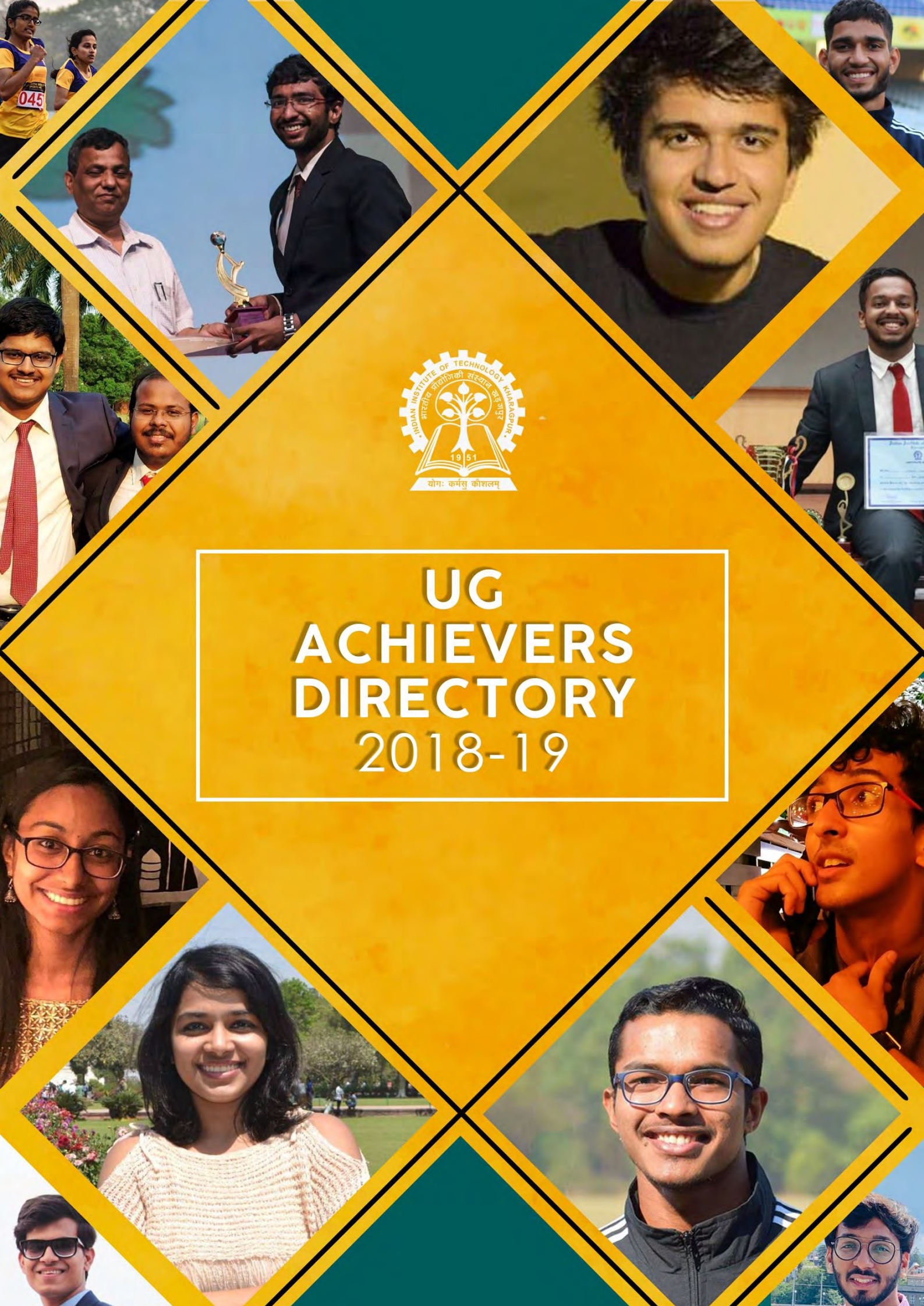# UG ACHIEVERS DIRECTORY
2018-19

UG Achievers Directory
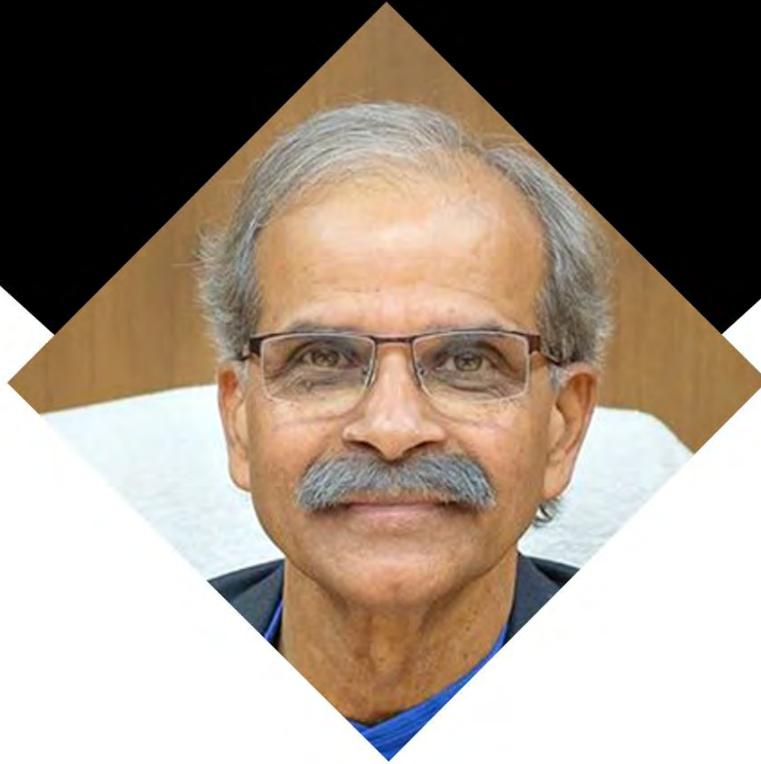
First Edition

Launched in March 2020

For Academic Year 2018-19

An initiative of Branding & Communications team of IIT Kharagpur and the students body Branding & Relations Cell **BARC** led by Dean, International Relations.

For more information contact: media@iitkgp.ac.in

MESSAGE FROM THE DIRECTOR

I congratulate the Branding and Communications Cell of the Institute for this novel initiative. Students enjoy the learning experience best when they are challenged. I have often interacted with students, asking them what they thought was the best or worst in a class that they had just attended. And I have often been stumped by their replying that they thought they had "learnt nothing". Why? I asked them. They said that they did not find the teaching challenging enough. This should leave no one in doubt that we should take another look at the teaching and learning process. Students themselves can be a part of this relook. I have often advocated for student-teachers, often letting them take my own class. The result has been phenomenal, making students involved learners. Only greater involvement on the part of students can ensure their learning. This does not have to happen inside the class always. Sports, extra-curricular activities provide their own challenges. I encourage students to take up these challenges. As these entries show, many of them have indeed taken them up, and realized their enormous potential and talent. Tap your hidden talents and energies. Take up challenges, get involved and enjoy the learning experience.

Prof. Virendra Kumar Tewari

MESSAGE FROM DEAN, INTERNATIONAL RELATIONS

Every student is an achiever in his or her own right. Each of them has tremendous potential inside them, and if they pursue their passion with focus and hard work, they will reach their goal. The Undergraduate Achievers' Directory provides a sample of what our students are capable of if they put their minds to it. Our goal is not to showcase an elite group, nor to put them on a pedestal. It is to celebrate the talent and potential in all our students so that everyone is inspired to pursue their own dreams and ambitions. Many of these dreams may seem impossible at the onset, but can be realized through planning and hard work. Many of our alumni have proved this with their lives. Mastan Babu Malli, our alumnus, was the fastest seven summiteer in the world in his time. Our engineers and scientists have invented new technologies created new knowledge and built tech giants; but they have also gone on to make films, found news magazines and edit newspapers, become public servants, and become cultural icons. Since "all progress depends on the unreasonable man," as the great GBS once said, go forth, get off the beaten track, chase your dreams and blaze your own trail.

Prof. Baidurya Bhattacharya

MESSAGE FROM DEAN, STUDENT AFFAIRS

An Institute is often known through its students. This is especially true of IIT Kharagpur, whose alumni are the flagbearers of the Institute as they stride across multifarious fields, be it academics or industry, as pioneers and changemakers. The widespread acclaim of IIT Kharagpur has been established not merely through the achievements of its former students, but also that of its present students, who are achievers in their own right, excelling in academics, sports, debate, quiz, the performing arts and various other cultural activities. This catalogue of the achievements of undergraduate students in the year 2018-19 is just an indication of the talent, hard work and enormous potential of IIT Kharagpur's students. We celebrate their never-say-die spirit and their winning zeal as also their forbearance that mark them out as future leaders of this country. The Institute has always tried to provide various facilities to help students realize their full potential and will continue to do so. We expect them to make full use of these and encourage others to follow in their footsteps.

Prof. Somesh Kumar

MESSAGE FROM DEAN, UNDERGRADUATE STUDIES

Students of IIT Kharagpur have always stood out in the crowd, be it in the country or abroad. Living up to the Institute's motto, "Dedicated to the Service of the Nation", which has seen IIT Kharagpur take up several national missions since the time of Independence, students of the Institute have contributed to nation-building with their hard work, dedication and zeal to achieve the best. This culture of hard work, built into the institutional DNA and transmitted to generations of students, has seen IIT Kharagpur's students take on the unique challenges that the age of Industry 4.0 has presented, and perform equally well in the technical and social sectors.

Well done achievers! The recognition and accolades that you have earned for yourself and the Institute are well-deserved. They will give you the opportunity to spread your wings and motivate thousands of junior students. The entire IIT Kharagpur community, in fact, is proud of your achievements and success. I also wish all the best to the Branding and Relations Cell of the Institute for publishing this wonderfully crafted Achievers' Archive.

Prof. Debasis Deb

# MESSAGE FROM ASSOCIATE DEAN, INTERNATIONAL RELATIONS

It is well known that our UG students are among the best brains of the country when it comes to academics. However, IIT Kharagpur has always put emphasis on all-round development of these bright minds so that they become well rounded muti-dimensional professionals with high IQ as well as EQ.

The Institute has put in place some of the best facilities to nurture the talents, be it in the field of technology development, research and innovation, sports, music, fine arts and other cultural activities. I am delighted that so many of you have come forward to utilize these opportunities and excelled in them. This directory is a recognition of the achievements of all of you through some of your fellow achievers. Remember, a game of soccer or a musical group performance teaches you the value of teamwork, nightouts in the lab while working on a new technology or product development with your team members teaches you the value of perseverence, while mentoring your juniors to enable their dreams grooms you as a compassionate leader. Success after days of tireless efforts brings satisfaction; failures make you resilient and prepare you for the future.

So friends, go ahead and enjoy what the campus has to offer, use these formative years for your overall growth WHILE KEEPING ACADEMICS AS YOUR PRIORITY, and keep the flag of IIT KGP flying high by becoming the best citizens of the country and the world. KGP ka tempo high hai!!

Prof. Anandaroop Bhattacharya

"
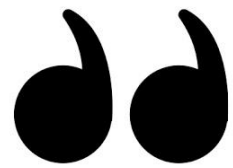
AS A YOUNG CITIZEN OF INDIA,
ARMED WITH TECHNOLOGY,
KNOWLEDGE AND LOVE FOR MY
NATION, I REALIZE, SMALL AIM IS
A CRIME.

DR A.P.J ABDUL KALAM
FORMER PRESIDENT OF INDIA

Aadi Swadipto Mondal
EC | LBS | 2021

Aadi Swadipto Mondal won HSBC AI Hackathon, IIT Kharagpur in 2019. His team built an autonomous intelligent medical chatbot that can identify the disease of a person by cross querying the symptoms and conclusively deducing the illness. Aadi's team was also First Runners-Up in VesAlthon, Capgemini. The app caters to elderly people and has several features like neural network based fall detection, emotion detector, real-time location tracker, medicine reminder and a chatbot that can fine-tune its conversation based on mood. Aadi is a software developer for the Aerial Robotics team of IIT Kharagpur and was head of the web development team for the 54th Inter IIT Sports Meet.

Won HSBC AI Hackathon, IIT Kharagpur

Member of the First Runners-Up team in VesAlthon organised by Capgemini

Abha Kumari
CH | SN/IG | 2021

Abha Kumari was awarded the prestigious S.N. Bose Scholars Award in 2018. The S.N. Bose Scholars Program is a prestigious internship program that selects approximately 100 out of 1,500 students every year from all across India to help them pursue a summer internship at any US university for 10-12 weeks. Only top rank holders of a few select departments are eligible to apply for it.

Abha did her internship at Purdue University, Indiana, where she worked on safety issues of rechargeable batteries. She has been General Secretary of Sarojini Naidu Hall of Residence and Treasurer of Chemical Engineering Association.

Received the prestigious S.N. Bose Scholars Award

Foreign Training at Purdue University, Indiana

Aditi Kambli
NA | SN/IG | 2020

Aditi Kambli was part of the team that won the National Finals of the Software Edition of Smart India Hackathon organized by the Government of India and held in Nagpur in March 2019. Along with teammate, Stuti Modi, Aditi was awarded 'Best Presentation Award' at the International Conference on Machine Learning and Soft Computing (ICMLSC) in Vietnam in January 2019. She was among the top 3 students selected for the ST Engineering India Scholarship in 2018. Aditi headed the Technology Robotix Society of IIT Kharagpur for more than two years and was part of the Branding and Relations Cell.

Won the National Finals of the Software Edition of Smart India Hackathon

Awarded the 'Best Presentation Award' at ICMLSC, Vietnam

Aditya Shekhar Kumar
MF | PATEL | 2020

Aditya Shekhar Kumar won recognition for exceptional work during his summer internship at Airbus in 2019. He worked on Airbus's first-of-its-kind project using thermo-mechanical modelling and simulation of plastic additive manufacturing (FDM/SLS) processes and laid the foundation of a novel simulation approach. As part of Team Kart, he led the drivetrain team in the preparation and presentation for the Design Event of Formula Bharat 2019 and secured 9th rank in the Formula Bharat rulebook quiz. He also delivered an oral presentation on "Electric Vehicles- Disrupting the Auto Industry" at the ASME E-Fest Asia-Pacific 2018 organized by ASME at the Delhi Technological University, Delhi

Recognised by Airbus Germany's ECG Team and the company's airworthiness and certification expert for his commendable work

Akhila Kosaraju
AR | MT | 2018

Akhila Kosaraju is recipient of Dr. Bidhan Chandra Roy Memorial Gold Medal for best all-round performance among graduating students for B.Tech (Hons) and B. Arch (Hons) program in 2019. She was also one of the two official delegates from India who were sponsored by the Indian Institute of Architects to take part in a workshop in Tokyo organized by the Architects Regional Council Asia (ARCASIA), which was attended by participants from 21 countries of the region to think about our futures through tackling global issues that concern us.

Recipient of Dr. Bidhan Chandra Roy Memorial Gold Medal

Attended workshop organised by ARCASIA in Tokyo

Alapati Ajay Bhanu
HS | RK | 2019

Alapati Ajay Bhanu performed as the best setter for four years in the inter-Hall volleyball tournament. In volleyball, the setter plays a crucial role, much like the quarterback in football or the point guard in basketball as a person in this position is in charge of the team's offence. Alapati was Captain of the volleyball team of Radhakrishnan Hall of Residence which won Gold in the inter-Hall volleyball tournament of 2017-18. He was also the Vice-Captain of the Bronze-winning IIT Kharagpur volleyball team at Spardha 2017 held at IIT BHU, Varanasi.

Performed as the best setter for four years in the Inter Hall Volleyball Tournament

Captain of Gold winning team in Inter Hall Volleyball tournament

Amit Verma
MF | PATEL | 2020

Amit Verma was awarded the 'Best B.Tech Project Thesis Award' among B.Tech (Hons) students in the Chemical Engineering Department. He also won 'Appreciation for Research Contribution' at ICEESD 2019, the 21st International Conference on Energy, Environment and Sustainable Development, organized by the World Academy of Science, Engineering, and Technology (WASET). Amit was among the top 25 authors selected for oral presentation of their work at the conference, which aimed at bringing together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Energy, Environment and Sustainable Development.

Awarded the 'Best B.Tech Project Thesis Award'

Won 'Appreciation for Research Contribution' at ICEESD 2019

Amlan Shil
EE | LBS | 2019

Amlan Shil was honoured with the title 'Best Inter-IIT Water-Polo Player of 2018' at the 34th inter-IIT aquatics meet held at IIT Guwahati. Amlan won the accolade because of his brilliant captaincy and overall performance - from scoring goals to defending them. Captained by him, IIT Kharagpur's Water Polo team won Gold in the Water Polo competition, which contributed to its winning the second position in the aquatics meet held in 2018. The IIT Kharagpur Water Polo team smashed IIT Bombay 13-2 on the first day itself. The team defeated IIT Guwahati 13-2 in the semi- final and went on to defeat IIT Kanpur in the finals by 10-6.

Captain of IIT Kharagpur's Water Polo team which won Gold in the Inter-IIT Aquatics Meet in 2018

Ankit Kumar
MF | PATEL | 2019

Ankit Kumar proved his mettle by receiving a recommendation for industrial R&D from the ETL department at Robert Bosch Engineering and Business Solutions Private Limited (RBEI) for his exemplary work. He came up with innovative technical aspects to relate block chain for secured communication from hardware till cloud, taking care of hardware security and network security. Ankit interned as a Full Stack developer in 2018 and developed an MVT architecture app from scratch in Django with functionalities of examination portal, payment gateway, emailing, blogs and spam checkers. His interests are network security and cloud computing.

Received recommendation for industrial R&D from the ETL department at RBEI for his exemplary work

Developed an MVT architecture app in Django

Anmol B. Thakkar
MI | LLR | 2020

Anmol B. Thakkar is a member of the Team 'Ninety Degrees' along with Ayush Bansal of the Department of Mining. The team won EXL EQ 2019, a national level analytics-cum-business case challenge in which teams were asked to design an insurance fraud detection methodology and optimize the cost of the investigation. Around 20 premier academic institutions across the country, including 8 IITs and 7 NITs, participated in the contest. The team built an algorithm that supported all offerings that an insurance company has on its roadmap and presented fraud prevention methodologies like telematics plug, which can help a company turn around its revenue numbers.

Part of the winning team of EXL EQ 2019

Presented fraud prevention methodology like the telematics plug

Apurva Sijaria
MT | SN/IG | 2019

Apurva Sijaria was a global finalist in ModelOff, 2018 Financial Modelling World Championship organized by Microsoft London and Vumero Institute. Among the top six rookie finalists of 2018, Apurva was the first Indian ever to make it to the final rounds of the ModelOff Championship. This financial modeling world championship is a global competition that celebrates those with a passion for Microsoft Excel and numbers. As the largest event of its kind, this unique competition engages thousands of professionals and students each year who strive to develop and demonstrate their financial modeling skills.

Global finalist in ModelOff, 2018 Financial Modelling World Championship

First Indian ever to make it to the final rounds of the competition

Aravindh Swaminathan Shankar
PH | MS | 2019

Aravindh Swaminathan Shankar is departmental first rank holder in the five-year integrated M.Sc batch of Physics, 2019 with a CGPA of 9.37. He is a recipient of Prof. R.G. Chatterjee Memorial Gold Medal. This gold medal is awarded to the outgoing M.Sc. student in Physics securing highest points in the components like CGPA, performance in laboratory subjects and project work of the final year. Aravindh is also a recipient of the Institute Silver Medal, which is awarded every year to the best outgoing postgraduate student. Currently, he is pursuing his PhD in Physics at Leiden University, The Netherlands.

Recipient of Prof. R.G. Chatterjee Memorial Gold Medal

Recipient of the Institute Silver Medal

Arkapravo Saha
ME | RK | 2019

Arkapravo Saha received the Srimati Chandramani Cup from Technology Students' Gymkhana, IIT Kharagpur for being the Best outgoing All-rounder in the Social and Cultural genre in 2019. He participated and won Gold, Silver and Bronze in a lot of events in Fine Arts (sketching, poster making, collaging, cartooning, thermocol and clay modeling) and Dramatics (Bengali). He captained the Fine Arts team of Radhakrishnan Hall of Residence from 2016 to 2018, and was also one of the coordinators of Spectra, IIT Kharagpur's Fine Arts Society. He won 2 Golds and 1 Silver in Inter-IIT sketching events respectively in 2016, 2017 and 2018.

Received the Srimati Chandramani Cup from Technology Students' Gymkhana, IIT Kharagpur

Bagged 2 Gold and 1 Silver medal in Inter-IIT sketching events

Asish Koruprolu
EC | RK | 2018

Asish Koruprolu co-authored a paper that was published in IEEE Transactions on Circuits and Systems II: Express Briefs (TCAS II). His team discovered a novel way of powering and transferring data to wireless implantable medical devices using a capacitive approach which has an in-built automatic closed-loop resonant frequency control against flexion. This would enable reliable in-vivo experiments with higher and more efficient power transfer to the implants. At the Bioelectronics Laboratory of IIT Kharagpur, he worked on the 'Bionic Eye' project, an implantable prosthetic, in collaboration with the Sankara Nethralaya. Part of the Technology Dramatics Society, Asish's team won the silver medal at Carpe Diem 2015, IIM Calcutta. He was also General Secretary of the International Relations Cell of IIT Kharagpur.

Co-authored a paper that was published in TCAS II

Worked on the Bionic Eye project at the Bioelectronics Lab of IIT Kharagpur

Ayush Bansal
MI | RP | 2020

Ayush Bansal and Anmol Thakkar of the Department of Mining formed the team 'Ninety Degrees', which won the EXL EQ 2019. EXL Excellence Quotient (EQ) is an annual case study contest structured to test skills like problem identification, logical thinking, structured and methodical approach and efficient analysis amongst its participants. The team developed a methodology for fraud detection in automobile insurance claims and also performed a cost analysis of fraud investigation. They were asked to suggest ways to improve the fraud detection process in terms of accuracy as well as the time taken for the entire process. Ayush has also been a group leader for NSS and part of the Students' Alumni Cell.

Member of the winning team of EXL EQ 2019

Developed a methodology for fraud detection in automobile insurance claims

Ayush Patnaik
IM | VS | 2020

Ayush Patnaik and Prakhar Prakash of the Department of Industrial and Systems Engineering were adjudged the runners-up at EXL Excellence Quotient (EQ) 2019. This is an annual case study contest for the students of top engineering institutes in India and tests the analytic skill of the participants. It also tests their business acumen. Teams from many IITs and NITs participated in the competition but Ayush and Prakhar as part of their team, Tesseract, managed to beat many to the final rounds. Ayush headed the Technology Robotix Society for a year till February 2018 and was an integral part of the students' society. He was also team leader of AIESEC, IIT Kharagpur for some time.

Member of the runners-up team at EXL EQ 2019

Head of Technology Robotix Society, IIT Kharagpur

Team leader at AIESEC, IIT Kharagpur

Azwar
EC | RK | 2021

Azwar had his paper, titled "Effect of Device Parameters on the Threshold Voltage of Normally-OFF AlGaN-channel HEMTs enabled by p-AlGaN Gate", accepted in the XXth International Workshop on the Physics of Semiconductor Devices. Normally-OFF Gallium Nitride (GaN) based High Electron Mobility Transistors (HEMTs) are becoming essential for next-generation high-power electronics. Incorporation of the p-GaN gate has emerged as a promising technique. A recent addition to this technology is the introduction of the AlGaN channel. In this paper, Azwar has investigated the effects of various device parameters on the threshold voltage of the device and ways to optimize this value for industrial applications with the help of TCAD simulations.

Had his paper accepted in the XXth International Workshop on the Physics of Semiconductor Devices

Investigated the variations in the threshold voltage of a device using TCAD simulations

Bhushan Deshmukh
HS | RK | 2020

Bhushan Deshmukh was senior member and Governor of Western Technology Music Society (2018-19) of IIT Kharagpur. He responsibly led and steered the music contingent of the Institute to win Gold at the Inter-IIT Cultural Meet in December 2018, the first rank at SARGAM Spring Fest 2019 in January 2019 as well as Silver in Inter-Hall Music Group competition in April 2019. He also got 'Special Mention' as the best guitarist by nationally renowned judges. Bhushan has coordinated six in-house productions on a shoestring budget with an audience of more than 500 people. He is also responsible for organizing music workshop for sophomores with participation of 100+ students.

Gold at Inter-IIT Cultural Meet, Dec 2018

Governor of Western Technology Music Society (2018-19)

Devanjan Chakravarty
IP | MMM | 2021

Devanjan Chakravarty is co-founder of Facilex Diagnostics Pvt Ltd, which participated in the 2018 GIX Innovation Competition that was held in Tsinghua University, Beijing, during August 2018. The GIX Innovation Competition, which takes place every year, welcomes university students and young innovators in the related fields of "Connected Devices" projects that are original and technologically innovative with potential applications in various fields. The team made it to the final round of this competition. Devanjan's company focuses on providing affordable healthcare solutions to society and is currently digitizing reproductive healthcare services for women in urban and rural regions.

Co-founder of Facilex Diagnostics Pvt. Ltd

Made it to the finals of the 2018 GIX Innovation Competition

Devanuj Deka
EC | AZAD | 2021

Devanuj Deka has been a sports enthusiast and a badminton champion of IIT Kharagpur. The Alumni Cup was awarded to him in the academic year 2018-19 for badminton. He has been part of the sports squad in many inter-IIT and inter-Hall championships. He won Gold in badminton at the inter-IIT sports meet Sangram'19 held at IIT Roorkee, where he was also adjudged the Best Player of the Tournament. He also had a memorable experience at his first Inter-IIT meet in 2017, where he won Silver for his performance on court.

Recipient of Alumni Cup for Badminton in 2018-19

Won Gold medal in badminton at the Inter-IIT sports meet

Dibakar Bala
AG | RK | 2018

Dibakar Bala single-handedly ensured the position of First Runner-up for his team from IIT Kharagpur in the 2019 Dream Big Championship, which is a national-level Innovation Challenge organized by Internshala. More than 1,000 teams registered for the competition, out of which the top 10 teams were invited for the finals in Gurgaon. The target customer of Dibakar's innovation was the illiterate or semi-literate farmers of India. Ironically, 90% of the websites made for farmers by the government are in English. Dibakar's solution is a voice app with numerous features. Over this app, a farmer can simply speak in Hindi and the app will respond in Hindi. Crucial functions like fertilizer calculation based on NPK recommendation is also made possible simply by using voice commands.

1st Runner-up in Dream Big Championship organised by Internshala

Proposed a voice app which responds to the queries of the farmers in their native language

E. Jagdeesh
CS | LBS | 2020

E. Jagdeesh excelled in sports during his time in college. He secured Silver in 4x400m relay and Bronze in 4x100m relay at the 68th West Bengal State Athletic Championship 2018. He has shown incredible achievements in Inter-IIT sports as well. At the Inter-IIT sports meet at IIT Guwahati in 2019, he secured two gold medals, two silver medals and one bronze medal in the events of 100m, 200m, 400m, 4x100m Relay, and 4x400m relay respectively. In Inter-IIT Sports Meet-2018 at IIT Madras, he secured one bronze medal in the 200m race. At the Inter-IIT Sports Meet-2017 at IIT Kanpur, he secured Bronze in 4x400m relay. He was awarded the Best Athelete award in the Sangram Sports Fest 2019 at IIT Roorkee for securing three gold medals and two silver medals.

Silver and Bronze medals at the 68th West Bengal State Athletic Championship 2018

Bagged two gold, two silver and one bronze medal in Inter-IIT Sports Meet 2017

Gitanshu Bhatia
BT | RPH | 2019

Gitanshu Bhatia captained the IIT Kharagpur aquatics team for Inter-IIT Guwahati in 2018. He won Gold in individual 200m backstroke during the event. He was also member of the Waterpolo team that won the Waterpolo tournament in the same event. He is one of the best swimmers IIT KGP has produced till date. Gitanshu was part of iGEM 2018, a contingent from IIT Kharagpur that participated in the International Genetically Engineered Machine (iGEM) competition organized by Massachusetts Institute of Technology (MIT) in Boston, USA. He was also part of the Technology Robotix Society and a keen member of the Aerial Robotics team.

Gold in Inter IIT aquatics and Water Polo in Guwahati 2018

Part of iGEM 2018 conducted by MIT, USA

Gunjal Jain
AR | SN/IG | 2019

Gunjal Jain was awarded the Mansara Prize for securing the highest CGPA at the end of the eighth semester of B.Arch (Hons). She was also awarded the Gouri Basak Design Award for the best project on Design done by a student of B.Arch in the pre-final year. She was recipient of the J.C. Ghosh Memorial Endowment Prize for securing the highest CGPA at the end of the sixth semester and earned the AprilANN Award in 2017 for the highest achievement in a creative endeavor. Gunjal was also winner of the 2nd INAE Youth Conclave, 2018 in the 'Town Planning'category where she had to design a self- sustaining smart town for a population of 1 lakh.

Received the Gouri Basak Design Award

Recipient of the J.C. Ghosh Memorial Endowment Prize

Recipient of AprilANN Award 2017

Harsh Agarwal
NA | AZAD | 2019

Harsh Agarwal was awarded the G.S. Sanyal Cup for being the best all-rounder with a distinction in technology. He also earned a special mention in the 'Literary' category. Harsh held multiple positions of responsibility while at IIT KGP, where he facilitated holistic growth and development as Governor of Business Club and Quiz Club, Captain of Azad Hall Quiz Team as well as Case Study team. A keen quizzer, Harsh won accolades all through from the Institute to the national-level via focused, tenacious efforts. For the first time in 2019, IIT KGP was able to win Nihilanth (Annual Inter-IIT-IIM Quiz Festival) with Harsh as Governor of the Quiz Club. He was also part of the team that won India Quiz for the second consecutive year.

Awardee of the G.S. Sanyal Cup

Governor of the Quiz Club

Spearheaded the winning quiz team at Nihilanth

Harsh Maheshwari
EE | RP | 2021

Harsh Maheshwari was part of the team which took part in IGVC (Intelligent Ground Vehicle Competition) 2018 and 2019 and successfully secured 2nd rank both the times. Harsh was also part of the team which secured Gold in the Inter-IIT Tech Meet in 2018. He was part of Team AGV which was one of the finalists of the Mahindra Rise Prize Driverless Car Challenge. Harsh was part of hardware modeling contests and secured second rank in intra-collegiate hardware modeling competition both in 2018 and 2019. Harsh won Gold at Inter-IIT Tech Meet in December 2018 for proposing an implementable AI-driven method for TV audience measurement.

Secured 2nd rank in IGVC in 2018 and 2019

One of the finalists of the Mahindra Rise Prize Driverless Car Challenge

Harsh Saraf
ME | PATEL | 2019

Harsh Saraf was a national-level squash player and represented IIT Kharagpur at the 53rd Inter-IIT Sports Meet 2018 at IIT Guwahati as part of the Institute's Squash Team and won Silver in the competition. He was also a member of the team that finished 4th in Udghosh 2018, organized by IIT Kanpur. Harsh won Silver in the individual category in the Open IIT Squash Tournament of 2018. He was General Secretary, Sports and Games, of Technology Students' Gymkhana for 2017-18 and advisor of the Sports and Games committee, 2018-19. He was Corporate and Public Relations Head of Team Kart and was part of the Design team at the AGV team at IIT Kharagpur.

National-level squash player

General Secretary, Sports and Games, of Technology Students Gymkhana for session 2017-18

Hima Swetha N
EC | SN/IG | 2020

Hima Swetha N was a part of the contingent from IIT Kharagpur at the 53rd Inter-IIT Sports Meet held at IIT Guwahati. The team was runner-up in Women's Athletics at the meet held in December 2018. Hima herself bagged a total of five medals, winning Silver in 4x400m relay; Bronze in 4x100m relay; and a Bronze each in 400m, 800m and 1500m races. Hima was Secretary of the Athletics Sub-committee from 2017-18 and helped organize the Inter-Hall athletics meet of 2017. She also helped organize the National Students' Space Challenge (NSSC) of 2017 at IIT Kharagpur..

Bagged five medals in the 53rd Inter-IIT Sports Meet at IIT Guwahati

Former Secretary of the Athletics Sub-committee

Himadri Saha
EC | RK | 2023
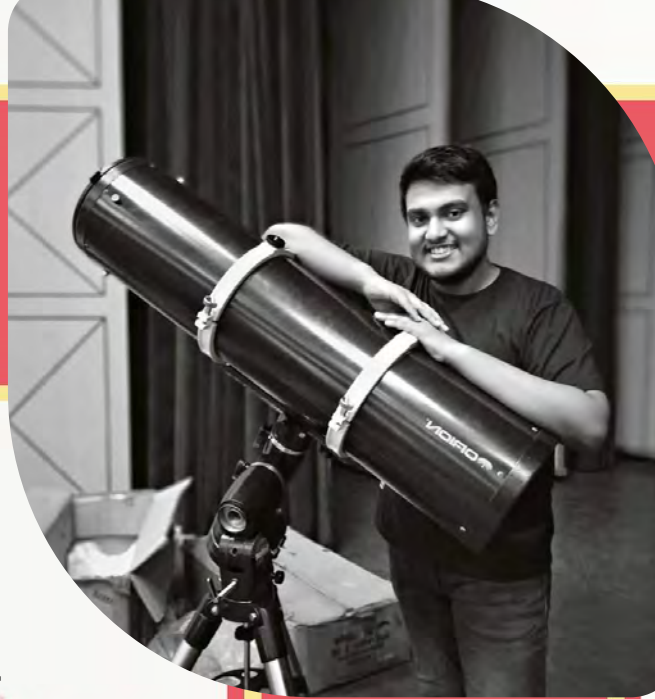
Himadri Saha was part of 'team 'The KGP Crux', which achieved an extraordinary feat at Technex 2019, IIT BHU. This is the first time that a team from IIT KGP went for an Astro-based event outside college and secured a position in all three events that they participated in. This was the best performance by any contingent at Technex. The team secured Gold in 'AstroQuiz', Silver in 'Exploring the Interstellar' and Silver in 'Scientists of Utopia (Case Study)'. Himadri was also a reporter for 'Awaaz', a budding poet and is an intrepid traveller who publishes his travelogues. He was part of the organizing committee of National Students' Space Challenge (NSSC) for 2019.

Achieved an extraordinary feat at Technex 2019 IIT BHU as part of The KGP Crux

Gold winning team in Astroquiz

Reporter for 'Awaaz'

Himanshu Sharma
MA | PATEL | 2019

Himanshu Sharma was Captain of the IIT Kharagpur cricket team in the 53rd Inter-IIT Sports Meet held at IIT Guwahati in 2018. He was also a part of Team Outlaw that participated in and emerged champion in RedBull Neymar Jr's Five, an event organized at IIT Kharagpur. This is a five-a-side football tournament played on the international level. Himanshu earned an 'Honorable Mention' from the Technology Students' Gymkhana, IIT KGP. Himanshu interned with WOne Management Systems and The Financial Doctors, and is a former Knowledge Associate at IIM Ahmedabad, where he worked as an intern in Scholar for Change Campaign under IIM-A for NCERT.

.

Earned 'Honorable Mention' from Technology Students Gymkhana, IIT KGP

Emerged champion in Redbull Neymar Jr's Five

Idal Poorekhorsandi
CE | NHR | 2020

Idal Poorekhorsandi was part of the team that made it to the finals of Creative Shock 2017, a competition hosted by ISM University of Economics and Management, Vilnius, Lithuania. The IIT Kharagpur team was among the top 10 finalists among 1000+ teams from 102 countries which participated in the social business case competition and conference. Idal also participated in the Corporate business module case challenge 2017 at IIT Guwahati. His team was among the top six teams in India. He was also part of students' initiative, Square Meals, a social enterprise that qualified for the regional finals of Hult Prize Foundation 2019 held at Ho Chi Minh City, Vietnam.

Finalist of Creative Shock 2017

Among the top 6 teams at Corporate Business Module Case Challenge 2017, IIT Guwahati

Qualified for regional finals of Hult Prize Foundation 2019

Indresh
BT | NHR | 2020

Indresh was Captain of IIT Kharagpur's Dramatics contingent that staged the play 'Mareech', and the Gold-winning monoact piece from 'Vagina Monologues' performed by Abhirami Sreekumar. At the Inter-IIT meet of 2017, he won three individual silver medals, one Relay silver medal and was the goalkeeper of the silver winning IIT Kharagpur Water Polo team. He was also a member of Inter-IIT men's swimming team for four consecutive years, a part of the IIT Kharagpur team that finished 2nd at the Inter-IIT aquatics meet at Kanpur in 2016, and part of the Gold winning team at Inter-IIT Water Polo competition at the same meet in 2016.

Captain of IIT Kharagpur's Dramatics contingent

Won three individual silver medals for swimming

Indu Kant Deo
AE | RP | 2020

Indu Kant Deo was part of the six-member team, Eklavya 6.0, formed by the Autonomous Ground Vehicle Research Group of IIT Kharagpur that secured second position in the 26th International Ground Vehicle Competition (IGVC) held at Oakland University in Rochester, Michigan in 2018. Indu was part of the AI team and among his work in the team was solving the problem of lane and obstacle detection using computer vision and machine learning algorithms. He also shouldered the responsibility of developing the stereo vision system for estimation of the object's distance. He was part of the AIESEC IIT Kharagpur for a year from 2016-17.

Secured second position in the 26th International Ground Vehicle Competition (IGVC)

A part of AIESEC IIT Kharagpur

Ishita Ramkrishna Lade
CE | SN/IG | 2021

Ishita Ramkrishna Lade presented her paper on 'Polymer derived ceramic based Co/Ni-SiOC (N) electrocatalyst to improve the performance of Microbial Fuel Cell' at ISMET 7, organized by the International Society for Microbial Electrochemistry and Technology held in October 2019. She was Governor of Encore, Technology Dramatics Society, and along with her teammates won a gold medal at the Inter-IIT Social and Cultural meet in 2018. She was also awarded the best actor in Hindi Dramatics in the General Championship, 2018-19. Ishita is a sportsperson as well and was part of the SN/IG volleyball team which won Bronze at GEC 2018-19. She also took part in Open IIT swimming competition.

Presented her paper at ISMET 7

Part of gold winning team in Inter-IIT Social and Cultural meet 2018

Kaustav Brahma
EC | RK | 2019

Kaustav Brahma is winner of the President of India Gold Medal for the academic year 2018-19. He is also winner of the Institute Silver, the Swapan Kumar Saha Memorial Prize and Prof. Somnath Sengupta Memorial Award. As a 3rd year undergraduate, Kaustav was recipient of the IIT Kharagpur Foundation (IITKGPF) International Internship Scholarship for his internship at MIT, USA, during the summer of 2018. He was also a keen debater, winning second position in the Open IIT 2016-17, and secured 1st position in English Elocution during the General Championships, Social and Cultural 2018-19.

Winner of the President of India Gold Medal

Recipient of the IIT Kharagpur Foundation International Internship Scholarship for his internship at MIT, USA

Karri Sai Satish Kumar Reddy
CS | LBS | 2019

Karri Sai Satish Kumar Reddy is recipient of the Chairman Board of Governors Gold Medal for the academic year 2018-19. As part of team 'FightForge',, he received the 1st prize in Smart India Hackathon (Software Edition) 2019 held in March in Hyderabad. The team developed a software that can effectively detect counterfeit currency at various touch-points and thus reduce the number of frauds. He also won third prize in a programming contest in Kshitij, IIT Kharagpur's Techfest, in 2019. He was a finalist for the onsite regionals of ACM ICPC 2018 and CodersBit Finale, 2018, and bagged 3rd position in CodersBit conducted by InterviewBit in IIT Kharagpur in 2018.

Recipient of the Chairman Board of Governors Gold Medal

Received 1st prize in Smart India Hackathon (Software Edition) 2019

Lakshmi Niveditha Adari
MI | SN/IG | 2021

Lakshmi Niveditha Adari was awarded the 'Women Emerging in Finance' 2019 award. It is an initiative by Goldman Sachs to identify women from target campuses across India to understand their interests and provide a perspective on what it takes to have a successful career in the financial services sector. Shortlisted students are invited to the firm's office in Bengaluru to network with its teams. Lakshmi was part of the Social and Cultural committee of SN/IG and part of the Kharagpur Robosoccer Students' Group and the Space Technology Students' Society of IIT Kharagpur. She was also part of AIESEC IIT Kharagpur.

Awarded the 'Women Emerging in Finance' 2019

Part of KRSSG, SPATS and AIESEC IIT Kharagpur

Lanka Navya
EC | SN/IG | 2019

Lanka Navya had her conference paper accepted in the 2nd Indian Conference on Antennas and Propagation. She, along with the co-author, Manisha Kahar, worked together on the research paper entitled, "A 24GHz Cavity Backed Slot Array Antenna in PCB Technology". The paper was presented at the conference held in Ahmedabad on December 19-22, 2019. The conference was jointly organized by IEEE AP/MTT Joint Chapter, Gujarat Section, and Space Applications Centre, ISRO. Navya interned with World Informatix Cyber Security for some time. She is also a keen artist who sketches beautifully with charcoal.

Conference paper in the 2nd Indian Conference on Antennas and Propagation

Co-author of the research paper 'A 24GHz Cavity Backed Slot Array Antenna in PCB Technology'

Lokesh Reddi
AG | MS | 2019

Lokesh Reddi was a keen sports person at IIT Kharagpur and started playing volleyball from his 1st year in college. He was Athletics Captain and Alumni Cup winner who inspired many with his passion for sports. Lokesh was member of the Inter-IIT Athletics team for several years and bagged numerous medals during the span in addition to securing bronze medal in the 68th West Bengal State Athletics Championship. He was Captain of IIT Kharagpur's Sports contingent for the 53rd Inter-IIT Sports Meet held at IIT Guwahati in 2018 and secured third position in the overall GC tally. He was also a triple jump record holder.

Secured bronze medal in the 68th West Bengal State Athletics Championship

Winner of Alumni cup

Captain of Athletics team IIT Kharagpur

Manpreet Dash
MF |AZAD| 2019

Manpreet Dash is recipient of the Institute Silver Medal for the best academic performance in Dual Degree in Industrial Engineering for the academic year 2018-19. He was also awarded 'Best Project Award - Proficiency Prize' for his project being adjudged the best Master's Thesis Project/Dissertation in Industrial & Systems Engineering Department. Manpreet was part of the Branding and Relations Cell and helped launch the first edition of the Young Innovators Program of IIT Kharagpur in 2016-17. He handled the public relations of the Autonomous Ground Vehicle Research Project (2015-16) and was part of the Entrepreneurship Cell. He was also a core team member of the Technology Transfer Group in 2015 and was coordinator for TEDx IITKGP in 2015.

Recipient of the Institute Silver Medal for best academic performance

Awarded 'Best Project Award - Proficiency Prize' for his project

Manan Mohan Kinjawadekar
MT | MS | 2020

Manan Mohan Kinjawadekar had his research paper published in the 'Journal of Manufacturing Processes' of Elsevier publications. This particular journal aims to exchange current and future directions of manufacturing processes research, development and implementation, and to publish archival scholarly literature with a view to advancing state-of-the-art manufacturing processes and encouraging innovation for developing new and efficient processes. He spent his second-year summer (2017) in the IIT Kharagpur campus working on the friction stir welding project under Prof. Surjya K. Pal.

Research paper published in the 'Journal of Manufacturing Processes'

Worked on friction stir welding process

Manav Singh Raghav
MI | RP | 2022

Manav Singh Raghav secured a Bronze in high jump at the 53rd Inter-IIT Sports Meet held at IIT Guwahati and won two gold medals at Sangram sports meet held at IIT Roorkee, where he also created a record in high jump. He bagged Silver in the 31st East Zonal Junior Championship, 2019. In July 2019, he was adjudged the West Bengal State Champion in high jump and won a gold medal. He is Secretary, Cricket & Athletics of Rajendra Prasad Hall. Manav was also a core team member of Great Step, IIT Kharagpur, a Geo Resource Engineering and Technology Students, Teachers and Employers Partnership, an annual technical summit of the Department of Mining Engineering.

Adjudged the West Bengal State Champion in high jump and won a gold medal

Bronze medal winner in high jump at Inter-IIT Sports Meet 2018

Maya Bunkar
HS | MT | 2020

Maya Bunkar was part of the girls' basketball team that made it to the finals of the basketball tournament at Inter-IIT sports meet held at IIT Madras in 2017 and emerged the First runner up in the contest. The 52nd Inter-IIT Sports meet saw 500 girls from all the 23 IITs in the country competing in 11 different sports. The IIT Kharagpur basketball team brought home the silver medal after 13 years with team work, devotion and spirit. Maya has also left her mark as a well-rounded athlete and narrowly missed a medal during the GC of 2016-17, where she participated in the 200m race and came fourth.

Well-rounded athlete

2nd position holder in Basketball at Inter-IIT sports meet 2017

Mohit Tulsyan
IE | LBS | 2019

Mohit Tulsyan was Captain of the IIT Kharagpur team which won the Quiz Cup in the Inter-IIT Cultural Meet, IIT Roorkee in 2018. He also captained the debate team that won Gold in the same Inter-IIT meet. Mohit is an excellent quizzer and top of the game debater as well. He also led the IIT Kharagpur Quiz Club to its first ever Nihilanth victory in 2019. Nihilanth is the most prestigious quiz trophy for quizzers, with the best quizmasters coming for the event which usually witnesses quiz rounds in seven different genres. It is a pan IIT, IIM Quiz Fest that sees quizzers slug it out literally throughout night and day over three consecutive days.

Led the IIT Kharagpur Quiz Club to its first ever Nihilanth victory in 2019

Captain of gold winning debate team at Inter-IIT Cultural Meet 2018

Monash Taneja
CE | MT | 2019

Monash Taneja was a truly pioneering figure in badminton on the campus. She has many awards to her name. She won the Institute Blue, silver medal in badminton at the 53rd Inter-IIT Sports Meet at IIT Guwahati in 2018. She won Gold in badminton at Sangram at IIT Roorkee in 2016, and a silver medal in Spardha, IIT BHU 2017. Monash won several other medals at Inter-Hall events, securing Gold in the Freshers Badminton Tournament in 2015. She was an UTSIP scholar, a summer internship program sponsored by the University of Tokyo and worked with the Tokyo Metropolitan Government in 2018 to mitigate land subsidence by numerically simulating the pore water pressure trends. She also volunteered for CRY.

An UTSIP scholar

Gold in badminton at Sangram, IIT Roorkee,2016

Silver medal in Spardha, IIT BHU 2017

Nikhil Vinayak Joshi
ME | RP | 2019

Nikhil Vinayak Joshi secured the Institute Silver Medal for securing first rank in the Department of Mechanical Engineering with a CGPA of 9.56. He was also awarded the Sikharini Nag Memorial Award, Dwarka Nath Singh Memorial Prize and Prof. R.K. Brahma Memorial Award during the 65th Annual Convocation of the Institute. In his final year, he co-authored a paper titled "Dynamic Evolution of immiscible Liquid-Liquid systems from submerged nozzle at low-flow rates" and presented it at the AIChE annual conference held at Pittsburgh, PA, USA in 2018. He led the Mechanical team of Team AGV at IIT Kharagpur for two years. Nikhil won a Mitacs internship to Western University, Canada in 2018.

First rank holder at the Department of Mechanical Engineering

Recipient of Sikharini Nag Memorial Award, Dwarka Nath Singh Memorial Prize and Prof. R. K. Brahma Memorial Award

Nisarg Shah
CS | LBS | 2019

Nisarg Shah was awarded the Institute Silver Medal on being adjudged the best student in order of merit among the graduating batch in B.Tech (Hons.) degree in Computer Science and Engineering. He was also a regionals finalist at the ACM ICPC Chennai Regionals 2017, the Asia Chennai Regional Contest hosted by Hindustan University, Chennai. Together with Siddharth Singh and Mayank Bhushan, his teammates, Nisarg won second position in Overnight at Kshitij, 2017. He volunteered with National Service Scheme and was a student mentor of the Students Welfare Group of IIT Kharagpur. Nisarg interned with Microsoft and Adobe. In 2017, he secured an ITRI scholarship for a project in Taiwan.

Regionals finalist at the ACM ICPC Chennai Regionals 2017

First runner-up in event 'Overnight' at Kshitij 2017

ITRI scholar for a project in Taiwan

Nishok Kumar Sundaressan
CS | RK | 2020

Nishok Kumar Sundaressan captained the music team of IIT Kharagpur at the 3rd Inter-IIT Cultural Meet held at IIT Roorkee in December 2018. The team had 19 members, consisting of talented instrumentalists and vocalists. The IIT Kharagpur music team won the Music Cup at the Inter-IIT Cultural Meet 2019 for the second time in a row. As captain, Nishok's responsibilities included team selection, playlist decision, conducting practices, arranging logistics both at IIT KGP and at IIT Roorkee. The team won Gold in the 'band event' for the second time. Nishok also participated in the 'Pair on Stage' event at the meet and won Silver.

Captained the silver winning music team of IIT Kharagpur at the 3rd Inter-IIT Cultural Meet

Gold winner in Band Event

Omkar Roy
CH | LBS | 2020

Omkar Roy secured 1st place in Amethyst, a technical case study competition organized by Dr. Reddy's Laboratories in 2019. The competition was for chemical engineering students across the top five IITs and top three NITs. The problem statement asked for a solution to predict particle size distribution as a function of time in a high-pressure homogenizer. Around 140 teams participated in the competition out of which 7 teams were shortlisted for the final rounds at Hyderabad. Omkar's solution involved 'computational fluid dynamics and population balance models'. He also received a pre-placement interview offer from the company. His thesis was the third best Bachelor's Thesis Project in Chemical Engineering for session 2018-19

Secured 1st place in Amethyst, a technical case study competition organized by Dr. Reddy's Laboratories

Part of top 7 shortlisted teams

Philip Jacob
PH | AZAD | 2019

Philip Jacob was in his final year in the Physics Department when he captained the IIT Kharagpur basketball team. The team stood runner-up in basketball at Udghosh 2018, the sports fest held at IIT Kanpur. Udghosh is one of the largest intercollegiate sports festivals in India with a footfall of more than 60,000. Philip performed superbly at the General Championship 2018-19 as well. Thanks to him and his team mates, Azad Hall registered an easy win against RP with the final score line of 96-59. Philip and Arpan Pallar showcased a great game and jointly scored the winning points for Azad.

Captained the basketball team that came runners-up at Udghosh 2018

Part of basketball team of Azad Hall of Residence

Poojan Shah
MF | PATEL | 2020

Poojan Shah was part of the six member team – Eklavya 6.0 - which secured the second position in the 26th International Ground Vehicle Competition (IGVC) held at Oakland University in Rochester, Michigan, USA in June 2018. His work revolved around designing and programming the control system for autonomous vehicle, static and dynamic analysis using FEA and simulation software. He was also the Mechanical team lead at the Inter-IIT Tech Meet 2018 held at IIT Bombay, where he designed and manufactured an intelligent agricultural robot which runs autonomously and can pluck fruits and spray pesticides.

Part of the team which secured the second position in the 26th IGCV

Mechanical team lead at Inter-IIT Tech meet 2018

# Prajwal Singhania
CS | PATEL | 2020

Prajwal Singhania along with Siddharth Singh and Buridi Sree Aditya were a part of Team 'PYseidon', which stood 2nd runner-up at the first Pan-IIT AI Hackathon, 2019 at IIT Delhi in January 2019. The team built an LSTM-based model for "Early detection of Parkinson's Disease". Prajwal won the Chandralekha Singh and Jeremy Levy Student Excellence Award in 2018 and the J.C. Ghosh Memorial Endowment Prize. He was one of the 18 people across India to be selected for IUSSTF-Viterbi Summer Research Program in 2018. He has been a keen member of the Debating Society of IIT Kharagpur and was one of the four governors of the Society for 2017-18.

Was part of 2nd runner-up team at Pan-IIT AI Hackathon, 2019

Was selected for IUSSTF-Viterbi Summer Research Program in 2018

Prakhar Sharma
CS | LBS | 2021
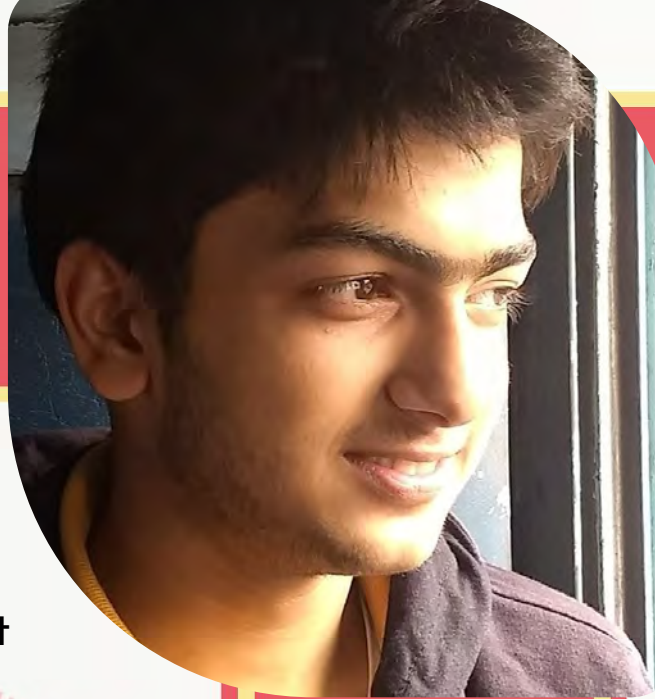
Prakhar Sharma is part of Complex Networks Research Group (CNeRG) at IIT Kharagpur. Together with Sumegh Roychowdhury, he co-authored two papers – one for the 2019 Conference on Empirical Methods in Natural Language Processing and 9th International Joint Conference on Natural Language Processing, and the other for the 57th annual meeting of the Association for Computational Linguistics (ACL). As an AI researcher with the Kharagpur Robosoccer Students Group, he participated in the 3D Simulation League of the RoboSoccer 2018 Division, along with teams from Germany, Brazil, USA, Portugal, and China, and secured 2nd position in Goalie Skills Challenge.

Co-authored two papers

Secured 2nd position in Goalie Skills Challenge in the 3D Simulation League of the RoboSoccer 2018 Division

Pranjali Sarap
CH | MT | 2020

Pranjali Sarap was awarded the 2nd best paper presentation prize in a seminar on 'Challenging Applications of Chemical Engineering' (CAChe-2k19) at CSIR-IMMT Bhubaneswar, organized by the Indian Institute of Chemical Engineers, Bhubaneswar Regional Centre. She was part of the Entrepreneurship Cell of IIT Kharagpur and helped in organizing Empresario and the Global Entrepreneurship Summit (GES) in 2017 apart from facilitating the Cell's events since 2016, particularly the Entrepreneurship Awareness Drive in Pune. She was also responsible for the Startup Camp in 2016 that saw participation of 18 startups from all over the country, and helped organize an IBM Bluemix event.

Was awarded the 2nd best paper at CSIR-IMMT Bhubaneswar

Helped in organising GES 2017 and Startup Camp 2016

Prasanta Kumar Sahoo
CE | JCB | 2020

Prasanta Kumar Sahoo is an outstanding scholar and department rank holder. He secured First rank among all undergraduate students in the Department of Civil Engineering in 2016. He secured first position in the team event 'Darkode' for two consecutive years – 2018 and 2019 – held at Megalith IIT Kharagpur. He was captain of the Illumination team at the JC Bose Hall of Residence for 2018-19 and joint secretary of the Hall in 2017-18. As an NSS volunteer, he regularly worked with the Khelar panchayat in 2016. As a budding civil engineer, he has been part of projects in mines and industrial areas in Jharkhand and Kerala respectively.

Secured 1st rank in the Department of Civil Engineering 2016

Secured 1st position in Darkode 2018 and 2019 Megalith

Prathamesh Vasant Chavan
CS | MS | 2020

Prathamesh Vasant Chavan successfully completed GSoC-2017 as a student developer. Google Summer of Code (G-SoC) is a global program focused on bringing more student developers into open source software development. Prathamesh was the only student selected by the organization among 20,000 students who applied for it and more than a thousand who qualified. He worked on "Incremental rewrite of Git-submodules" and his contributions appeared in several Git versions. He was also part of the IIT Kharagpur sports contingent for the Inter-IIT Meet 2018 and won Bronze in Tennis in the 53rd Inter-IIT Sports Meet held at IIT Guwahati. He is an ace tennis player.

Successfully completed G-SoC 2017

Won bronze in Tennis in 53rd Inter-IIT Sports Meet 2018

Prince Agarwal
IM | LBS | 2021

Prince Agarwal was one of the 39 participants selected in 2019 for the University of Tokyo's Summer Internship Program (UTSIP Kashiwa), which provides hands-on research internship opportunities in the fields of natural sciences and social sciences. He worked on a project related to 'Proposal of a Reference Architecture for IoT (Internet of Things) with real-time visualizations and analysis' under the guidance of Prof. Kazuo HIEKATA, Industrial Information Systems and Environment Laboratory, University of Tokyo, Kashiwa. Prince was part of the Mechanical team of the Kharagpur Robosoccer Students Group and also the corporate and public relations team of Team KART of IIT Kharagpur.

Was selected for the University of Tokyo Summer Internship Program

Part of a project on 'Proposal of a Reference Architecture for IoT'

Prithwi Sinha
MF | HJB | 2020

Prithwi Sinha led the five-member IIT Kharagpur Chess Team to win Gold in the chess event in Sangram 2018, the annual sports fest of IIT Roorkee. Prithwi was adjudged the Best Player in the tournament. He won Silver in the Open IIT Chess championship in 2018. He won Silver in the Inter-IIT Chess 2018 contest at IIT Guwahati, and was part of the six member team from IIT Kharagpur which won Gold in the 4th Inter-IIT Chess meet held in IIT Guwahati. He is the Founder of a data science startup 'Grameen', which aims to solve problems of rural India pertaining to education, healthcare, agriculture and environment.

Led IIT KGP Chess teams to win Gold in Sangram 2018 and 4th Inter-IIT Chess meet

Founder of the startup 'Grameen'

Rahul Dev Kundu
CE | AZAD | 2020

Rahul Dev Kundu is academically brilliant and is first rank holder in the Department of Civil Engineering with a CGPA of 9.27. He was awarded the Prof. Sudhir Ranjan Sengupta Memorial Prize, which is given to a student of Civil Engineering who is adjudged academically best for securing the highest CGPA at the end of the eighth semester. Strongly interested in the research fields of Structural Engineering, especially in Structural Dynamics, Rahul has recently done research on Structural Damage Detection and Monitoring at CSIR-SERC, Chennai, and is currently working on projects related to SHM and seismic study of concrete dam.

Awarded the Prof. Sudhir Ranjan Sengupta Memorial Prize for securing first rank in the Civil Engineering Department

Researcher at CSIR-SERC, Chennai

Raj Narayanan
CH | PATEL | 2020

Raj Narayanan did his research at IIT Kharagpur's Multiscale Computational Fluid Dynamics Laboratory. Together with other research scholars of the lab, such as Swarit Dwivedi, Rahul Chaudhary, Arnab Atta and Prof. Rabibrata Mukherjee, Raj has co-authored a paper titled 'Controlled Nanoscale Electrohydrodynamic Patterning Using Mesopatterned Template' that has been published in ACS Omega. Raj has been a member of the IIT Kharagpur Chapter of SPIC MACAY, and helped organise concerts of renowned artistes like Ustad Rashid Khan and Pandit Hariprasad Chaurasia.

Co-author of paper 'Controlled Nanoscale Electro-hydrodynamic Patterning Using Meso-patterned Template'

Got his paper published in ACS Omega

Rajarshi Saha
EC | RP | 2019

Rajarshi Saha was the joint winner of the Prime Minister of India Gold Medal for securing highest CGPA across all majors in the graduating dual degree batch of 2019. He was selected to represent India as part of the Youth Delegation to China in 2017. Rajarshi was also a mentor in the Student Welfare Group and served as teaching assistant for two courses. His undergraduate thesis was on Compressive Sensing (CS) and Sparse system identification algorithms with applications in MIMO Radar Imaging. He presented his work at the IEEE International Workshop on Signal Processing Systems (SiPS), Cape Town in 2018. He worked as an intern at Centre for Nano Science and Engineering, Bengaluru and Texas Instruments.

Winner of the Prime Minister of India Gold Medal

Part of the Youth Delegation to China in 2017

Ravi Sharma
AE | PATEL | 2020

Ravi Sharma was part of a two-member team from IIT Kharagpur which bagged the 1st Runners-up position in the maiden, national level engineering campus event, Flipkart GRiD. The challenge thrown to the teams was to make machines smarter with AI/ML intervention. The contest saw the participation of more than 6,000 students from premier institutes across India. The top 12 teams got a chance to present their innovation and solutions to the Data Sciences and Engineering Teams of Flipkart at its Bengaluru headquarters. Team Dirty Bits consisting of Ravi and Nikita Gautam from IIT Kharagpur emerged the national runners-up, bagging Rs 75,000 in prize money. Also, the team stood first in Level 2 and got Rs 22,000 as additional prize money.

Secured 1st position in level 2 of Flipkart GRiD

Overall 2nd position holder in the same national competition

Remee Patel
BT | SN/IG | 2019

Remee Patel won the Institute Blue for contributing as Captain of the girls' basketball team which brought back the silver medal to IIT KGP after 13 years in the Inter-IIT sports meet 2017 held at IIT Madras. She won the gold medal in the Inter-Hall Athletics General Championship of 2017 at IIT Kharagpur and was member of the basketball team of the Indira Gandhi Hall of Residence that won Silver in the Inter-Hall Basketball championship of 2015. She also won a gold medal for excelling in rural development camp 2014 organized by National Service Scheme (NSS), IIT Kharagpur. She helped organize the National Student Space Challenge in 2014.

Institute Blue awardee for leading women basketball team which bagged Silver in Inter-IIT sports meet 2017

Gold medalist in NSS 2014

Ritwika Chowdhury
EC | SN/IG | 2019

Ritwika Chowdhury received the Institute Order of Merit, Technology from the Technology Students' Gymkhana in 2019. She was awarded a GHCI (Grace Hopper Celebration India) scholarship in 2018 by AnitaB.org India. The same year, she received 1400 USD as travel grant to present her research project at the WiML workshop in Conference on Neural Information Processing Systems (NeurIPS). She also co-authored a paper for the 98th Annual Meeting of the Transportation Research Board at Washington, D.C. held in 2019. Ritwika was the Technical & Executive Head of the Data Analytics Group of IIT Kharagpur, member of the Bengal Technology Dramatics Society and also a keen swimmer.

Institute Order of Merit winner

GHCI scholarship awardee

Co-author of paper for Transportation Research Board at meeting in Washington DC

Rohit Ner
MA | PATEL | 2021

Rohit Ner has co-authored the paper titled 'Ground vehicle odometry using a non-intrusive inertial speed sensor', which he presented at the 2019 IEEE International Conference held in Melbourne, Australia. As a DAAD Wise Scholar, Rohit went for a summer research internship at the Technical University of Munich, Germany in 2019.. He was associated with the AGV Research Group. As student head of the Technology Robotix Society, he helped organize the Robotix 2019. He was a gold medallist at the 2018, 7th Inter-IIT Tech meet, IIT Bombay in the 'TV Audience Measurement' event. A department rank holder, Rohit has also won an appreciation of merit from Dean, Undergraduate Studies.

Co-author of paper 'Ground vehicle odometry using a non-intrusive inertial speed sensor'

1st position holder in 'TV Audience Measurement' at Inter-IIT Tech meet 2018

Rohit Sar
MF | PATEL | 2019

Rohit Sar along with Rohan Sewani represented IIT Kharagpur as global finalists in the ASCM 2019 Supply Chain Case Competition. The duo also won the prestigious American Production and Inventory Control Society, APICS, Supply Chain Case Competition for South and Western Asia in March 2019. The regional finals for West and South Asia had overall eight teams from India with management students from IIMs, IIT Delhi, IIT Bombay, NMIMS and Delhi University. Apart from his internships with ITC and the ISB, Rohit also interned with Tata Trusts, where he worked in Nalbari and Tezpur districts of Assam with rural communities facing issues with access to clean drinking water.

Global finalist in the ASCM 2019 Supply Chain Case Competition

Winner of APICS, Supply Chain Case Competition

Roshan Bajiya
MI | NHR | 2020

Roshan Bajiya's paper titled 'Emotion Recognition from EEG Signal using XGBoost Algorithm' was accepted by the IEEE India Council International Conference (INDICON). The paper was presented at the 16th INDICON conference in Rajkot in December 2019. Roshan has been leading a project titled "Identification of physiological state of a person through EEG signal" under the guidance of Prof. Debasis Samanta. He secured 5th position in Machine Learning challenge by Axis Bank in an online Talent competition on Hackerearth and is among top 2 percentile participants on a leaderboard out of 10000+ participants in ZS Data Science Challenge 2019.

Author of paper 'Emotion Recognition from EEG Signal using XGBoost Algorithm'

His paper was presented at the 16th INDICON conference. 5th position holder in Machine Learning Challenge

Sachin Uttarwar
AR | LLR | 2020

Sachin Nandkumar Uttarwar and his four teammates were selected for presenting IIT Kharagpur at the Hult Prize SEA, Vietnam. The team qualified among the top 1,000 teams selected from more than 200,000 applicants globally and developed a business plan for the skill development and employment of orphans and to cater to the dietary needs of construction workers. Sachin ranked 1st in both conclave and pre-conclave of the INAE Youth Conclave of 2018 in 'Town Planning' category. He also won Bronze representing IIT Kharagpur in the campus sustainability challenge at Inter-IIT Tech competition in IIT Bombay in 2018.

Represented IIT Kharagpur at the Hult Prize SEA, Vietnam

Winner in both conclave and pre-conclave of the INAE Youth Conclave 2018

Bronze medalist in Inter-IIT Tech Meet 2018

Samruddhi Vidyadhar Pataskar
CY | SN/IG | 2021

Samruddhi Vidyadhar Pataskar has two provisional patent applications filed in USA and India for a device she invented for liquid food packets that won a prize at Invention Factory (Invent@IITGN) and received wide media coverage. Mentored by Professors Alan Wolf and Eric Lima of the Cooper Union, she, together with her teammate, Kalash Nibjiya, invented a reusable device for convenient and environment-friendly pouring of liquid contents from packets and storage of remaining contents in the packet itself for future use. Samruddhi was coordinator of the Lean In circle at IIT Kharagpur that mentors girls on campus. She was part of the Institute's contingent to the Inter-IIT Cultural Meet in 2018 and was an enthusiastic debater as well.

Winner of Invention Factory challenge organised by Invent@IITGN

Invented reusable device to store liquid contents conveniently

Samyak Singh
CH | RK | 2020

Samyak Singh has won the rare honour of INAE's student membership. He was among the 20 students selected from all over India for the coveted membership and was invited to attend the INAE annual convention in BIT Jaipur. He and his team mates were winners in the 'Waste to Wealth' category in the INAE Youth Conclave 2019. They developed a biogas production plant with full design and operation details and conducted a case study on IIT Kharagpur to validate the business model. Samyak also stood first in the Open IIT Product Designing competition held by the Technology Students' Gymkhana in 2017.

Honoured by INAE's student membership

Winner in the 'Waste to Wealth' category at the INAE Youth Conclave 2019

Sanskar Agrawal
EE | AZAD | 2020

Sanskar Agrawal was a member of the team that came runners-up at the 26th Intelligent Ground Vehicle Competition(IGVC) held in 2018 and organized by Oakland University, Michigan, USA. Sanskar has co-authored two papers based on his expertise in IGVs - 'Off-road lane detection using superpixel clustering and ransac curve fitting', which discusses lane detection, the most important issue to be resolved for the successful locomotion of IGVs. The other paper co-authored by Sanskar, 'Design and Implementation of Autonomous Ground Vehicle for constrained environments' presents the design, development and validation of the Eklavya 6.0, the three-wheeled differential drive autonomous robot of IIT Kharagpur that was developed to participate in the IGVC.

Runner-up at IGVC 2018

Co-author of two notable papers

Saurabh Dash
EC | RK | 2019

Saurabh Dash won Georgia Tech ECE PhD Fellowship, a prestigious fellowship awarded by the Georgia Institute of Technology to select students. Saurabh has two published papers, one accepted by IEEE Computer Society Annual Symposium on VLSI (ISVLSI) and the other by the Transportation Electrification Conference (ITEC). As team head, electronics and controls of the Kharagpur Robosoccer Students Group, Saurabh developed and fabricated embedded systems based on AVR and ARM microcontrollers and FPGA based architectures. He was also member of the Gold winning Product Exhibition team at the 5th Inter-IIT Tech Meet in 2017.

Winner of Georgia Tech ECE PhD Fellowship

Published papers accepted by IEEE Computer Society Annual Symposium and ITEC

Saurabh Desai
ME | MS | 2020

Saurabh Desai along with his teammates - Koustav Chakraborty, Prithwi Sinha, Hemanth Kumar and Gajendra Kumar - secured Gold in the 3rd Inter-IIT Chess Meet held and organized by IIT Madras. He was also awarded the best player award. His team defeated two-time reigning champions IIT Bombay convincingly to secure the gold medal. Saurabh has bagged several other medals for chess – he won Gold for two consecutive times in chess in the General Championship in 2016 and 2017 and won Silver in the 2nd Inter-IIT Chess Meet in 2016 in IIT Kanpur. He also came first in the product design competition organized under the National Design Initiative of MHRD in 2017.

Gold medalist and best player awardee in 3rd Inter-IIT Chess Meet

1st in product design competition under National Design Initiative in 2017

Sayan Sinha
CS | LBS | 2020

Sayan Sinha was part of the contingent that secured overall Bronze for IIT Kharagpur at the 7th Inter-IIT Tech Meet 2018 held at IIT Bombay. His team secured third position in the hackathon HACKABIT 2018, held at BIT Mesra. Sayan was a summer 2019 research intern at Georgia Tech, where he worked on computer vision at the Embedded Pervasive Lab and the Computational Perception Lab. As part of the Kharagpur RoboSoccer Students' Group (RoboCup team "KgpKubs"), he worked on path planning, controls and computer vision. Under Google Summer of Code 2018, he worked on the implementation and optimisation of GPU kernels. He was also executive head of Kharagpur Open Source Society in 2018.

2nd runner-up at 7th Inter-IIT Tech Meet 2018

2nd runner-up in the hackathon HACKABIT 2018

Worked on GPU kernels under GSoC 2018

Sharmila Reddy Nangi
CS | SN/IG | 2019

Sharmila Reddy Nangi was conferred the Innovative Student Projects Award 2019 by INAE for her BTech thesis - 'A Deep Generative Model for Code-Switched Text'. She has published a part of this thesis work in IJCAI -19, one of the top ranking conferences in the field of Artificial Intelligence. She also won the best presenter award by presenting this work in the workshop on 'Humanizing Artificial Intelligence' at IJCAI conference in Macau. Sharmila won 'YES Future Ready Scholarship' in 2019. She was awarded the Sikharini Nag Memorial Award in 2018 for securing the highest CGPA amongst girl students across all branches at the end of third year. She also won the Adobe Women in Technology Scholarship, India award in 2018.

Innovative Student Projects Award 2019 by INAE

Published her thesis in IJCAI and won best presenter award

YES Future Ready Scholarship, Adobe Women in Technology Scholarship

Shashwat Mishra
EC | PATEL | 2019

Shashwat Mishra made the Institute proud by filing for two patents in his final year – the first on 'System and Method of Identifying Event as a Root Cause of Data Quality Anomaly' and the second on 'Method for Surface Curvature based correction in Radiation Imaging'. The first deals with finding root causes of various data quality failures in an ever-growing complex network of distributed data warehouses. The second was developed as part of an ongoing thesis work, especially for thermal imaging camera manufacturers and tries to address the problem faced in imaging a curved surface accurately. Shashwat was Editor-in-Chief of 'Awaaz', IIT Kharagpur, and former Core Team Head at Student Welfare Group.

Filed for two patents in his final year

Editor-in-Chief of 'Awaaz'

Former core team Head at Student Welfare Group

Shivam Singh
IM | RP | 2021

Shivam Singh has been a keen sports enthusiast from his first year in college. He secured for IIT Kharagpur its first-ever medal at West Bengal State Athletics Championship. The team of Shivam, Eslavath Jagadeesh, Sairam Alla and Reddi Lokeswara Rao earned a Bronze in the 4x100m relay by clocking 44.4 seconds. In the 53rd Inter-IIT held at IIT Guwahati, Shivam won four medals, which included two Silver and two Bronze medals. He secured one Silver at the 52nd Inter-IIT sports meet in his first year itself. He also currently holds the Inter-Hall long jump record. Shivam is the sports coordinator of RP Hall and was Secretary, Cricket and Athletics for the Hall till April 2019.

Bronze medal at West Bengal State Athletics Championship

Sports coordinator of RP Hall

Shivansh Mundra
ME | LBS | 2021

Shivansh Mundra along with his teammates Sayan Sinha and Arnav Jain co-authored and presented their paper on 'Video Decaptioning using U-Net with Stacked Dilated Conv Layers' to the European Conference on Computer Vision (ECCV), Munich, Germany, 2018. They presented a supervised video decaptioning algorithm driven by an encoder-decoder pixel prediction. He also co-authored a paper on 'Neural DrugNet' accepted by EMNLP (Empirical Methods in Natural Language Processing), Brussels, Belgium in 2019. Shivansh is Governor of the Technology Robotix Society, an Artificial Intelligence team member of Kharagpur Robosoccer Students Group and part of the Complex Networks Research Group (CNeRG) of IIT Kharagpur.

Presented Paper at the European Conference on Computer Vision

Governor of the Technology Robotix Society

Shreshth Khare
CH | RP | 2019

Shreshth Khare is a National Winner of the EXL Excellence Quotient 2018, which is an annual case study contest for students of top engineering Institutes in India. His team designed the 'Mall of the future', that is, a truly differentiated and personalized shopping experience. He was Governor and advisor of the Technology Literary Society and conducted several events, including supervising the publication of 'Alankaar'. He was Chief Editor of 'The Scholars' Avenue' for close to two years. Shreshth also captained a team of 22 members and secured Silver in Inter-Hall Chemquest Championship, 2018, where they proposed a laboratory scale biogas facility for treating the mess waste generated in IIT Kharagpur campus.

National Winner of the EXL Excellence Quotient 2018

Governor and advisor of the Technology Literary Society

Shubham Maheshwari
MT | RK | 2020

Shubham Maheshwari had his research paper, 'Illiquidity and Speculation in Currency Options: A Tale of Two Markets', selected for presentation at the 2019 Derivative Markets Conference, New Zealand. The research work was carried out under the guidance of Professor Abhijeet Chandra, Vinod Gupta School of Management. The work highlights the role of liquidity patterns in driving the speculative trading in the currency markets, by taking trading positions based on information signals from illiquidity proxies available in the market. Shubham was head, business strategy, of the Business Club of IIT Kharagpur for a year till March 2018. He has interned with National University of Singapore and Crisil.

Selected for presentation at the 2019 Derivative Markets Conference, New Zealand

Head of Business Strategy at Business Club

Shuvam Kesari
EE | LBS | 2020

Shuvam Kesari is the Power Electronics Head of Project Deshla of the Electronic Vehicle Group (EVG) of IIT Kharagpur. Together with his team mates, Shuvam was responsible for producing Deshla, which is the country's first fully indigenous electric auto. With its powerful motor, lithium ion battery that can last up to 6-7 years, high load carrying capacity, sturdy frame and yet easy manoeuvrability, Deshla is a better option than diesel-guzzling, polluting autos and even the flimsy and high-maintenance Totos. Deshla assures its users safety, reliability, performance, and comfort. Shuvam was also part of the Space Technology Students Society.

Power Electronics Head of Project Deshla of the Electronic Vehicle Group (EVG) of IIT Kharagpur

Former member at SPATS IIT Kharagpur

Siddhant Meshram
CS | AZAD | 2019

Siddhant Meshram won the Inter-University Cricket Tournament organized by CAB (Cricket Association of Bengal). Around 50 college students from across various colleges in West Bengal were selected, based on their performance in the Ajoy Ghosh Tournament and divided into four teams. The finals happened in Eden Gardens where Siddhant and his team emerged victorious. He was a regular at almost all cricket matches on campus and also travelled outside Kharagpur to be a spectator at big banner matches held in Kolkata. Siddhant did his internship with Walmart Labs India in 2018.

Won the Inter-University Cricket Tournament organized by CAB

Internee at Walmart Labs India in 2018

Soham Chandorkar
HS | AZAD | 2020

Soham Chandorkar along with Shashwat Gangwal and Keshav Godala formed the team that secured first position in the 'Environment Protection' category at the 3rd INAE Youth Conclave that was hosted by IIT Delhi. They presented their idea "InfinityBox", which tackled the exponentially growing problem of plastic pollution. INAE Youth Conclave aims at facilitating the engagement of Indian youth in engineering activities at the national level and encourage in them the spirit of innovation. Soham was also a member of Team KART and headed its corporate and public relations for a year till April 2018.

Secured 1st position in the 'Environment Protection' category at the 3rd INAE Youth Conclave

Former member of Team KART

Sourish Ghosh
MA | LBS | 2019

Sourish Ghosh was awarded the prestigious Caltech Summer Undergraduate Research Fellowship (SURF) for doing summer research at NASA JPL in 2017. In 2018, he received the IROS Student and Developing Countries (SDC) Travel Award to present his paper at the Conference on Intelligent Robots and Systems (IROS). Sourish was a Software Team member of the Aerial Robotics Group of IIT Kharagpur and Governor of Technology Robotix Society for a year till 2018. He was also mentor of the IEEE Robotics Winter Workshop in 2015 at IIT Kharagpur. He was part of the Bronze-winning team of IIT Kharagpur in MiroSot organized by the Federation of International Robot-Soccer Association (FIRA) in 2015.

Awarded the prestigious Caltech Summer Undergraduate Research Fellowship (SURF)

Winner of SDC Travel Award

Part of Bronze winning team in MiroSot by FIRA

Sree Theerdha Charugundla
CS | SN/IG | 2020

Sree Theerdha Charugundla received the APAC Women Techmakers scholarship for 2019. Through the Women Techmakers Scholars Program - formerly the Google Anita Borg Memorial Scholarship Program - Google is furthering Dr. Anita Borg's vision of creating gender equality in the field of computer science by encouraging women to excel in computing and technology and become active leaders and role models in the field. The scholarship process is highly competitive with Google receiving about 25,000 applications from APAC region this year. Around 1,250 candidates were shortlisted for phone interviews and finally 73 people were awarded the scholarship. Sree Theerdha is also a leader and member of the Lean In Circle in IIT Kharagpur.

Recipient of the APAC Women Techmakers scholarship for 2019

Member of Lean In Circle, IIT Kharagpur

Shubham Jena
AE | RK | 2019

Shubham Jena received the Prime Minister of India Gold Medal jointly for best academic performance among the Dual Degree and Integrated MSc outgoing students for 2018-19. He has been a regular participant in manual robotics and aero-modelling competitions, and represented his Hall in inter-Hall athletics and inter-Hall basketball championships. He was also an enthusiastic participant in debate competitions. He was a Boeing Student Project Member and part of the Autonomous Underwater Vehicle Research Group where he worked on an autonomous underwater vehicle to represent IIT Kharagpur at AUV's annual competition -Robosub. He was a recipient of the Chandralekha Singh and Jeremy Levy Student Excellence Award for 2018 and received the Batch of '85 Scholarship in his first year in college.

Recipient of the Prime Minister of India Gold Medal

Represented India and IIT Kharagpur at AUV's annual competition -Robosub.

Subham Sekhar Sahoo
EE | NHR | 2019

Subham Sekhar Sahoo authored a paper titled 'Learning Equations for Extrapolation and Control', which found acceptance at the International Conference on Machine Learning (ICML) 2018. Along with the Conference on Neural Information Processing Systems, it is one of the two primary conferences of high impact in machine learning and artificial intelligence research. So, publishing a paper in this conference becomes a career highlight for graduate students. A part of the Autonomous Ground Vehicle Group of IIT Kharagpur, Subham was part of the project team of Eklavya 4.0 in 2016 under Prof. Debasish Chakraborty. He did his summer internship at the Max Planck Institute for Intelligent Systems and Cornell University.

Paper accepted for the International Conference on Machine Learning (ICML) 2018

Worked on project Eklavya 2016

Part of AGV, IIT Kharagpur

Subrata Das
ME | NHR | 2019

Subrata Das won 'Honourable Mention' in the field of sports from the Technology Students' Gymkhana of IIT Kharagpur in 2019. He was part of the Inter-IIT Hockey Team which represented IIT KGP in front of 22 different IITs in 2016. He was a member of the Inter-IIT hockey team for three consecutive years and played several tournaments together with his team mates Jaswanth Reddy, Dushyant Sankaralingam and Amit Raj. Subrata also won two gold and one bronze medals in inter-Hall hockey tournaments during his time at IIT Kharagpur.

'Honourable Mention' in the field of sports from the Technology Students' Gymkhana of IIT Kharagpur in 2019

Winner of two gold and one bronze medal in hockey in Inter-Hall General Championship

Sumegh Roychowdhury
EC | MS | 2022

Sumegh Roychowdhury together with Prakhar Sharma of the Department of Computer Science and Engineering proved their mettle by publishing two of their papers in the BioNLP workshop at ACL 2019 (Association for Computational Linguistics) and in COIN Workshop at EMNLP-IJCNLP 2019 both of which are prestigious conferences in the field of Natural Language Processing. The first, 'Official System Description paper of Team IIT KGP', ranked 1st in the Development phase and 3rd in Testing phase in MEDIQA 2019. Sumegh was selected for contributing to Julia under JSoC (Julia Season of Contributions) as a supplement for Google Summer of Code (GSoC) at The JuliaLang organization. He is also part of the Kharagpur Robosoccer Students Group.

Published papers in the BioNLP workshop at ACL 2019 and in COIN Workshop in 2019

1st rank in Development phase and 3rd rank in Testing phase in MEDIQA 2019

Swapnil Kishore Morankar
MT | RK | 2019

Swapnil Kishore Morankar was core team member and then core team head of 'Composit', the annual fest of the Metallurgical and Materials Engineering Department of IIT Kharagpur. In 2018, he won the first prize in the 'Technova' section of Composit and was part of the winning team for the Meta Quiz of the same event. In 2016, Swapnil received the prestigious Steel Scholarship awarded by the Ministry of Steel, Government of India. His research paper titled 'X-Ray Tomography Study on Porosity and Particle Size Distribution in In Situ Al-4.5Cu-5TiB2 Semisolid Rolled Composites' was published in the JOM journal. He also helped organize Spring Fest in 2015.

Won 1st prize in the 'Technova' section of Composit

Received the prestigious Steel Scholarship

T.Y.S.S. Santosh
CS | RP | 2020

T.Y.S.S. Santosh received the Kirttan Behera Endowment Award for 2018-19. The award is given to undergraduate students who demonstrate best all-round performance based on academics, cultural activities, arts, sports, student activities, and leadership. Santosh was the Continent Captain for the 8th Inter-IIT Tech Meet. A high achiever, Santosh has several publications to his credit. His papers have been published in International Conference on Data Science and Management of Data in 2018 and the ACM/IEEE Joint Conference on Digital Libraries in 2018. Santosh was part of the Student Welfare Group and part of the team of six students from the Department of Computer Science and Engineering that developed an image processing application which can detect counterfeit currency.

Recipient of Kirttan Behera Endowment Award for 2018-19

Contingent Captain for the 8th Inter-IIT Tech Meet

Tanay Jagani
AG | LBS | 2020

Tanay Jagani was part of the table tennis team that represented IIT Kharagpur in Spardha, IIT BHU in 2018. Their team won the gold medal in the table tennis tournament. Tanay is Co-founder of InfinityBox, a start-up aimed at reducing 3000+ tons of monthly plastic waste produced by the online food delivery industry by integrating reusable containers in the food delivery value chain. He was part of the team InfinityBox which reached the semi-finals of the International Business Model Competition of 2019. InfintyBox was among the top 4 teams to reach the semi-finals amongst 7000+ participating teams from all over the world.

Gold Medal in Table Tennis Tournament at Spardha, IIT BHU

Co-Founder of InfinityBox

His team made it to the semi-finals of International Business Model Competition 2019

Utkarsh Sharma
ME | NHR | 2021

Utkarsh Sharma along with Mihir Sampat formed team Crop-IT and presented their concept at the SolidWorks World Conference 2019 organized by Dassault Systèmes in Dallas, Texas. They received a certificate of excellence for presenting a Genetic Algorithm based Optimizing Product for classification and crop growth planning through parameter mapping feedback. Their product was successfully able to reduce fertilizer and irrigation costs by an average of 31% of the quantitative consumption over the mathematical model for the production cycle. Utkarsh also participated in the Smart India Hackathon organized by MHRD, Government of India.

Presented their concept targeted at reducing cost of crop production at the SolidWorks World Conference 2019 organized by Dassault Systèmes in Dallas, Texas

Utkarsh Sinha
CE | MS | 2020

Utkarsh Sinha is the winner of Alumni Cup, Social and Cultural, for 2019. The award is bestowed on an undergraduate student who has excelled in extracurricular activities in the running year. Utkarsh has numerous medals to his name which include Gold medal in English Poetry Slam at Inter-IIT 2017, Silver medal in English Poetry Slam at Inter-IIT 2018, Silver medal in story writing at Inter-IIT 2018, Silver in Inter-Hall Band performance 2017 and 2018. He led IIT Kharagpur as Contingent Captain to win the overall Bronze medal in Inter-IIT Cultural Meet 2018. He is also the Founder of 'IIT Tech Ambit', a Pan IIT media body covering Research and Tech Innovations.

Winner of Alumni Cup, Social and Cultural, 2019

Contingent Captain, Inter-IIT Cultural Meet, 2018

Utkarsh Tyagi
EE | MS | 2019
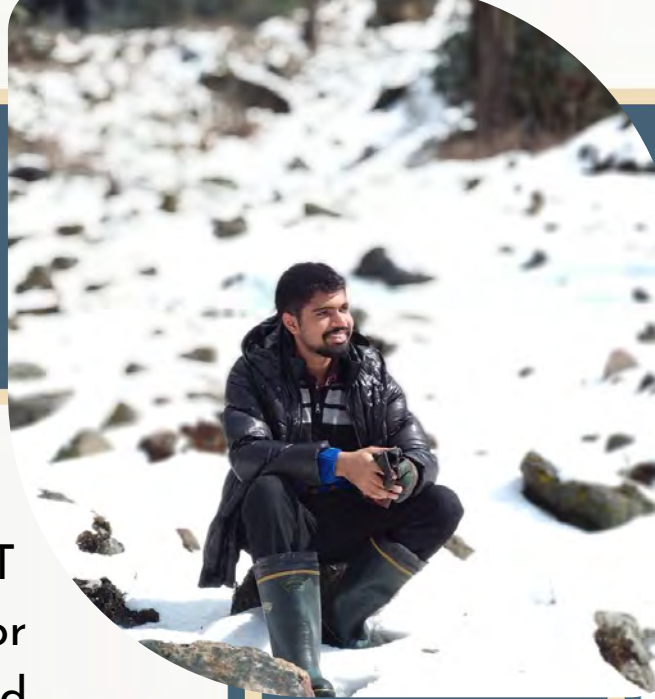
Utkarsh Tyagi was a member of IIT Kharagpur cultural team which won, for the 2nd time, the Music Cup in the 3rd Inter-IIT cultural meet held in IIT Roorkee in December 2018. This was the result of combined efforts of all members of the contingent. It was a proud moment for the students of the Institute, proving once again that IIT Kharagpur is a place where cultural activity flourishes. Utkarsh, an ace keyboard player, was a passionate member of the Western Technology Music Society and a lively participant in many jam sessions and band performances.

Member of IIT Kharagpur cultural team which emerged Music Cup Winner

Passionate member of the Western Technology Music Society

Vasanta Majety
CH | SN/IG | 2021

Vasanta Majety is recipient of the Honda Young Engineer and Scientist's Award for 2019 conferred by the Honda Foundation Japan. She was one of the 14 awardees from all over India honoured for the display of exceptional academic and co-curricular performance and the promise of leading India towards a nation that adopts eco-technology. She has been the Student Placement Coordinator at Career Development Centre, advisor for the Students' Alumni Cell, former General Secretary at Students' Alumni Cell, Secretary at Chemical Engineering Association, actor at Pravah-Hindi Technology Dramatics Society. She has also been a Software Team Member of the Autonomous Ground Vehicle Research Group of IIT Kharagpur.

Recipient of the Honda Young Engineer and Scientist's Award

Student Placement Coordinator at Career Development Centre

Varinderjit Mann
ME | LLR | 2020
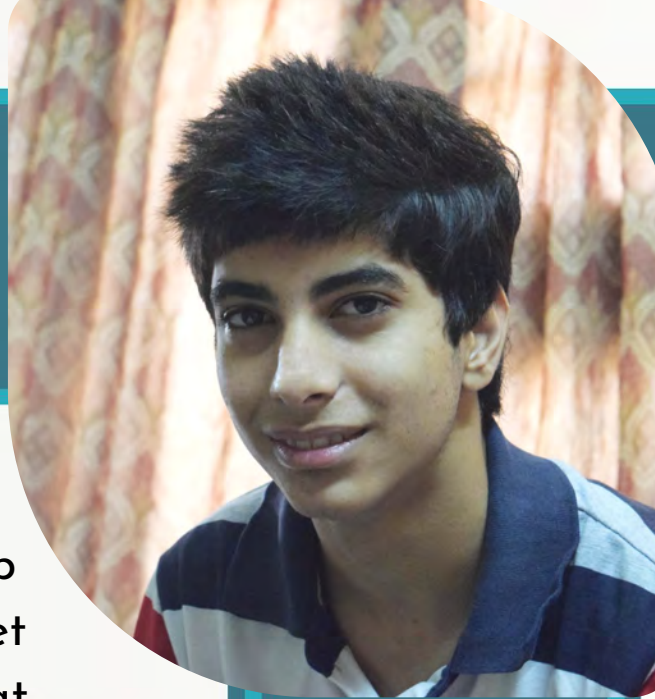
Varinderjit Mann is a Charpak Lab scholar and worked on droplet generation in viscoelastic fluids at Laboratoire ICube. At IIT Kharagpur he worked on an array of subjects, from Microfluidics, Thermal modelling of a battery, regression analysis, programming, to Statistical Inference. As research assistant in several projects, Varinderjit studied buckling dynamics and invagination process of a sessile microdroplet of blood, thermal characteristics and abuse test of a novel battery and the effects of surface hydrophobicity, geometry and channel geometry on slip phenomena. He has also been interested in Hindi dramatics and was a mentor for the Student Welfare Group at IIT Kharagpur.

Charpak Lab scholar

Mentor for the Student Welfare Group at IIT Kharagpur

Vedic Partap
CS | LBS | 2020

Vedic Partap won the Tower Research Capital India Merit Scholarship 2018-19. Unlike many other scholarships, this scholarship does not consider the financial status of parents for eligibility and is purely a merit-based scholarship that takes into account the CGPA of the undergraduate candidate in the 2nd and 3rd year and the candidate's performance in the Hacker Rank test. He also received the Student Par Excellence Award from the Department of Computer Science and Engineering. He secured first rank in the Up.AI hackathon organized by IIT Kharagpur in 2019 and spearheaded the Software team of Swarm Robotics of the Institute from 2016-18.

Won the Tower Research Capital India Merit Scholarship 2018-19

Received the Student Par Excellence Award

Vishal Kumar Vikram
GG | NHR | 2020

Vishal Kumar Vikram had his research paper published in 'Petroleum Science and Technology', a Taylor and Francis Journal. In this work, he has used support vector regression analysis to estimate Total Organic Carbon or TOC of Cambay shale in the boreholes of Jambusar- Broach block of Cambay Basin, India. The work tries to integrate Artificial Intelligence with geoscience. Vishal was executive sub-head of the Society of Petroleum Engineers, IIT Kharagpur and part of the organizing team of Prithvi, the annual symposium of the Department of Geology and Geophysics. He was finance coordinator for the External Relations Cell of IIT Kharagpur and also worked for the Career Development Centre for a year from 2017-18.

Published Research Paper in 'Petroleum Science and Technology', a Taylor and Francis Journal

Part of the organizing team of Prithvi

Yash Sharma
EC | LBS | 2021

Yash Sharma bagged the Best Invention Award at 'Invent@IITGN'. He formed a team along with Haque Farazul and won the first prize at the event organized by IIT Gandhinagar in 2018. They invented a device for irrigation, weeding and pest control. Together with other teams from IIT Madras, IIT Guwahati, IIT Jammu and IIT Gandhinagar, the duo were among the 10 teams which filed patents for all the 10 inventions that covered a huge diversity of fields. The team from IIT Kharagpur developed a solution for intra- and inter-row weeding for small-sized farms and won the 1st prize.

Won Best Invention Award at Invent@IITGN 2018

Developed a solution for intra- and inter-row weeding for small-sized farms

UG Achievers Directory

For Academic Year 2018-19

TEAM UGAD

BARC Branding And Relations Cell

Branding & Relations Cell

General Secretaries: Bhavya Kumar, Bhaskar Basak

Branding & Communication Unit, IIT Kharagpur:

Planning & Coordination: Shreyoshi Ghosh, Executive Officer

Content Editor: Chirosree Basu, Content Editor

Design Supervisor: Suman Sutradhar, Visual Artiste

For more information contact: media@iitkgp.ac.in

BRANDING AND RELATIONS CELL

SENIOR COORDINATORS

BHAVYA

ROHAN

YASHWANTH

BHASKAR

RAHUL

ASHUTOSH

PRAVEEN

BRANDING AND RELATIONS CELL

STUDENTS MEMBERS

RISHABH

ISHITA

AVI

SHASHANK

VATSAL

VIVEK

SHASHANK

PRANJAL

PRATHMESH

MESSAGE FROM THE GENERAL SECRETARIES

We feel proud to be representatives of an institution as august as IIT Kharagpur, the country's first and oldest IIT. As flagbearers of our college, we always try to give our best. Some of us have proven our merit in academics, some in sports, debate, quiz or other extra-curricular activities. We are thankful to the college authorities for making it possible for us to take part in various competitions, seminars and shows inside the college, all around the country and even outside the country. Facilities have been provided to hone our skills and they are being constantly upgraded. Our teachers and our friends are our greatest support and the source of inspiration.

As members of the Branding and Relations Cell, we thought it imperative to showcase the outcome of this ecosystem inside college that is reflected in the various achievements of the students. We hope that we have been able to do justice to our friends, classmates, Hallmates and roomies. Each one of us has some achievement or the other to report. Since it is impossible to report each of them, we have cherry picked a few. That does not mean the achievements of the rest can be easily dismissed. Each achievement, even the intensely personal ones, is important. We encourage everyone to go out and win big time in whatever goals they have set for themselves.

As has been rightly said by our esteemed alumnus Sundar Pichai,

"Academics is important but it is not everything. Take risks. Try different things. Follow your passion"

BHASKAR BASAK

BHAVYA KUMAR