

SPAGHETTI

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Director's Message

I am very excited to see the tradition of publishing the Alumni Newsletter being strengthened with the release of two newsletters per year, starting with this one. This edition brings me great joy as it delivers hope that the standards of IIT Bhubaneswar are on the rise and edging towards being comparable to those of the global class of institutions.



As an IIT, the nation has a lot of expectations and hopes for our institute and our students and we are handed an even bigger responsibility, especially in these times. I believe it is the primary responsibility of our students, alumni, and faculty alike to put forth such an output benefiting the nation. I would like everyone to be aware of these expectations and shape up themselves as global leaders for tomorrow's world. Be it in any career, I believe an IITian should do everything to excel and realize their potential.

I would be glad to see every alumnus live up to these expectations, not to forget the aspirations we have of them and create the best version of themselves and in turn of the Institute by exhibiting creativity and innovation with excellence expected of IITians. I also look forward to all of our students solving the technological challenges faced by our nation in various domains and wish the very best to everyone in their endeavours. Do remember that the institute takes special pride in the efforts and results of the IIT Bhubaneswar fraternity bringing glory to our nation.

Best wishes,
Prof. R. V. Rajakumar
Director, IIT Bhubaneswar

Dean's Message

I am delighted that the next issue of the Alumni Newsletter is ready to be published as a consequence of concerted effort of the Alumni Association as well as the Alumni Cell and is going to be a regular feature. The Newsletter highlights the important events and success stories of the students, faculty, alumni and the Institute at large. I wish all the best to the Alumni, the Flag bearers of the Institute, in all their future endeavours through the Newsletter.

Best wishes,
Prof. R K Panda
Dean (Alumni Affairs and International Relations)



Alumni Association's Message

Greetings from IIT Bhubaneswar Alumni Association,

We warmly welcome the new batch of alumni to the Alumni Association. We are pleased to inform you that our Institute continues to support you through the Association and wishes you all a prosperous and successful career ahead.

As an alumnus, I always ask a question. Did we achieve our vision of putting IIT Bhubaneswar on the global map for creating knowledge and outstanding graduates? From 2008 to 2020, we did a fabulous job to reach where we are. We have new courses, new streams, a new campus, and whatnot. But did we achieve our vision?

We have our Alumni working and studying, in the best firms and universities respectively. They are scattered across the globe from Australia to the US. They are in Public services as well as started their entrepreneurial journeys. For an IIT of our size, we are quite a diverse junta. But yet, we are not recognized globally. For that to happen, we need to be the Institute's biggest fan, network with big players and surround ourselves with mentors who can help us reach our potential.

Alumni Association recognizes this limitation of ours. The incentive to speak about our Institute's growth story exists but without a proper shape or format. To make headway, we recently started working on initiatives which will bring the alumni and current students to a single platform. First, of the sorts, this has been a watershed year where everything has become online. From our recent Constellation Chat series, we do understand that the alumni and the current students have coped up well. The good news is that it is now easy for us to connect online, and we have private groups across social media platforms like the Alumni website, Facebook, and LinkedIn to support fellow alumni and current students' aspirations. For starters, what we ask of you is to spend some time every month on these platforms to help you understand what currently is going on with the Institute. It should equip you with enough information to make a collective effort to reach our vision.



I welcome new Alumni to the Alumni Association and wish IIT Bhubaneswar's family to stay safe and healthy.



In Conversation with our Director

- Prof. R.V. Rajakumar

Q1. We are witnessing the emergence of high-quality, low-cost ways of learning online. How should we think about hybrid curricular options—that is, the mixing of new forms of pedagogy with old—that might be available to us? How will this affect the residential model? Is this feasible in a country like ours?

A1. IIT Bhubaneswar has taken the lead amongst its sister IITs - those that were established in 2008. Despite the challenges faced in some stages of construction with the agency concerned, the Institute reworked on the masterplan and the result achieved was remarkable. IIT Bhubaneswar is one of the few IITs or probably the only IIT to have provided single accommodation for its students. We are the first second-generation IIT to venture into holding and co-hosting the Inter IIT Sports meet which itself is an example to cite that we are ahead of our sister institutions.

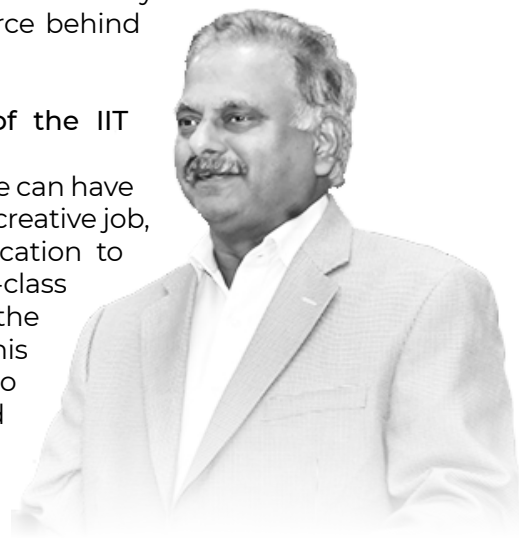
Q2. If the pandemic situation continues and the incoming freshers have a virtual semester, what do you think are the challenges they will face? Do you have any plans to ensure that they transition smoothly to the IIT ecosystem?

A2. The vast space provides ample scope to have a distributed campus design, even though the compact campus has the advantage of having everything available under one roof.

A campus with lush and exotic greenery has helped in bringing about a very positive and fresh environment, and the vast area has been the force behind allocating 45 acres for sports activities.

Q3. What prompted you to take up the position of Director of the IIT Bhubaneswar? How has your experience been so far?

A3. It is a new IIT, and the job of institutional creation is challenging. We can have life-time satisfaction if it's done well and as per our expectation. It is a creative job, and a grand opportunity provided to me by the Ministry of Education to contribute to the nation. There is nothing like building a top-class institution which can reach a global level in a short time and serve the aspirations of a nation. Hence I was delighted to take up this opportunity and started with a lot of hope and plans. My vision was to create an institution with global class infrastructure and opportunities.



Q4. The Autumn Semester for the year 2020 had to be shifted to a virtual model, unfortunately, because of the pandemic situation.

What steps did you take to ensure the smooth transition for both the students and the administration?

A4. The objective is to propose a right deal to the students which does not in any way compromise on the quality of the education and at the same time ensure no delay in graduation. Even though the whole process is very challenging, it doesn't deter my spirit. We have to be willing to take up the obstacles in this stride. The first step is to design an academic calendar which caters to all and make it work no matter what. The Institute, in consultation with the senate, has outlined the academic calendar and is working towards implementing it without any hassle. The faculties are looking for innovative ways to ensure interaction with the students as the online mode has had the most significant impact on the face-to-face feedback system. We are also working on to ensure that the lab classes run parallelly with the lectures. On the performance assessment front, we have come up with a mechanism devised for conducting online exams which includes a virtual invigilation environment. On the education front, IIT Bhubaneswar has no parallel, and as a result, the placements have been excellent. We are nothing short of senior IITs.

Q5. What measures were taken by the administration and the professors to ensure the research work continues without a hitch?

A5: The laboratories are available for students who are present on the campus. Also, an intimation to return has been sent to students who had left before the lockdown. They have been asked to take all the necessary precautions according to the guidelines. Allowing students to stay back on the campus during the lockdown period has helped in retaining the majority of the research scholars on the Institute premises.

Q6. We are witnessing the emergence of high-quality, low-cost ways of learning online. How should we think about hybrid curricular options—that is, the mixing of new forms of pedagogy with old—that might be available to us? How will this affect the residential model? Is this feasible in a country like ours?

A6. There is a silver lining in the pandemic situation though it has posed many challenges globally. We should look at the fact that distance education has been made possible without compromising on the quality that is generally provided in a conventional, face-to-face mode. There are also some distinct advantages with this model, such as the availability of teachers and the repetition of lectures. However, there are shortcomings in this model too. In the residential model, students get to learn from their peers by working in teams, improve their management skills through the Students' Gymkhana, and the concerned office bearers shape themselves into personalities with the various opportunities provided in the campus, like taking up the entire responsibility of organizing the fests and anchoring programs. One cannot overstate the importance of the cycling culture in the campus and how important it is for future engineers to be physically fit and active. This has been one of the reasons for organizing the Fit-India program.

Q7. If the pandemic situation continues and the incoming freshers have a virtual semester, what do you think are the challenges they will face? Do you have any plans to ensure that they transition smoothly to the IIT ecosystem?

A7. It is definitely going to be a challenge to fit into the system if they directly start off with a virtual semester. Bringing them into the campus following all the guidelines and protocols remains our priority because it is necessary to get the taste of living on campus and their graduation on time is of prime importance. As of now, the M.Tech and M.Sc. freshers will be starting their online semester from 26th August while the B.Tech freshers might be called to campus at the end of October.

Q8. If we see, some of our sister IITs cancelled their exams and put their semesters on hold, what factors prompted IIT Bhubaneswar to conduct the end semester exams to complete the semester?

A8. It is easy to cancel the exams and grade based on previous exams and assignments, but I believe that taking the extra effort to grade the students ensures that it doesn't leave any gap in their minds. It also makes it a very satisfying experience.

Q9. The recent Nation Education Policy 2020 introduced by the government opens doors for top foreign universities to set up campuses in India in a hassle-free manner. In your opinion, how will this affect education in IIT's?

Will the top students in India prefer going to such universities as compared to IIT's? Also, does this impact foreign collaborations that IIT's have?

A9. It actually provides an opportunity to compete with global class institutions. None of the top institutions should be afraid of others coming up given the fact that all the IITs have been providing an education of high standards. All the students must be given an opportunity to get educated from other foreign institutes as well and this in no way is going to affect the virtues gained by IITs over the years and IITs will not be losing their share of students.

The country is aspiring to have top class institutes. IIT has become a brand name and has contributed to the nation in fulfilling its aspirations. The aspirations are growing day by day. Our endeavour has been to earn a place for IIT Bhubaneswar among global class institutes, and we have taken several steps in that direction in recent years.

ENDNOTE

Our country has many expectations from IITs, and everyone is aware of the competition that is involved in getting admitted into one of them. The Alumni need to be mindful of the same and try to shape up themselves as tomorrow's leaders. The immediate step towards this is to provide excellent quality education which prepares students to be the masters in whatever they do - Engineering, Research, Management or Entertainment.

The faculty team is the driving force behind achieving the objectives, and they should do their best in providing excellent education which is not just academic but also, encourage the students to be creative and improve their critical thinking skills. The faculty members should also contribute to research and play a significant role in solving national problems. The students need to keep learning from their peers and society after getting placed.

It is my advice to the students to work without forgetting the main objective and aspirations of the nation and be the best in whatever you do.

Campus Life Beyond Classrooms

Article By
G. Chaithali

The whole year has been a roller-coaster ride with so many events of all genres with contributions from every single member of the college. Unlimited fun, beyond books learning and life beyond classrooms; these terms pretty much sum up our emotions towards college activities.

For many of us, it's the first time away from home, and there are many things we miss. Festivals are sure to top the list; almost every single month is marked by a festival that brings everyone together. We celebrated **Ganesh Chaturthi** on a very grand scale and that too for the first time in our campus. We had pujas in our respective hostels, special dinners arranged for the occasion, and the most important Ganesh Visarjan also took place. Games like Tambola, pot breaking, and Antakshari were also conducted in hostels.

Diwali, yet another important festival was made brighter with the stunning decorations of our Community Centre by the Fine Arts Society - Kalakriti. Dramatics Society staged, **"Ardhangini"**, their first production of the academic year which was received very well by the audience. Prasad was distributed following the director's address, a bonfire was lit outside CC, we had songs played, and it sure was a memorable night.



The Horticulture Dept along with the NSS team, IIT BBS conducted a **Plantation drive** on 30th August 2019 across all primary schools of Khudpur, Podapoda, Kansapada villages under the Unnat Bharat Abhiyaan (UBA) in association with the Youth Booth, a group of youth volunteers. On 14th September 2019, the UBA team conducted a massive **Cleanliness and Anti Single-Use Plastic Drive** in the shops at Jatni and Arugul High School.

The 8th Annual Convocation of the Institute was held on 21st September 2019. The occasion was graced by Dr.K. Sivan, Chairman, ISRO who delivered the Convocation address. Dr. Sivan encouraged students to take calculated risks and called upon IITians to solve the problems of the country.

The auspicious **Rashtriya Ekta Diwas** was celebrated on 31st October 2019. There were both online and offline events conducted on this occasion to instil the sense of unity amongst everyone. Panacea conducted a **debate** on various topics regarding various forums. Clix also organised a **photography competition** on this occasion. A classical music event in association with Spic Macay featuring Pt. Hariprasad Chaurasia (Flute) accompanied by Pt. Subhankar Banerjee on Tabla was also a part of the celebration. A **"Unity Run"** was organised on 2nd November 2019 to ingrain the sense of unity among the students.





We also participated in the **Spring Fest** organised by IIT Kharagpur from 24th January to 28th January 2020. All the societies and clubs of our college participated and won many prizes.

Kalakriti was successful in all the events they participated; secured **1st place** in finger painting, secured a position amongst Top 10 in sketching, painting and face painting.

Aaroh - The Music Society secured **2nd position** in Sargam, the Classical Fusion Music Competition.

Dramatics Society was placed **7th** for staging their play "The Devil's Heir".

Panacea went till **the finals** of Slam Poetry.

SF'20

Ek Bharat Shrestha Bharat is an initiative to promote engagement amongst the people of states and union territories in the country to enhance mutual understanding and bonding. On 9th February 2020, **a divine cultural night** was organised in the MHR ground along with a sumptuous meal at the Community Centre. Other competitions like **essay writing, rangoli, tug of war, photography** was organised as a part of this initiative. **A medical camp** was organised in the Community Centre on 15th February 2020. Our NSS group also staged their skit "Saman - Unity In Diversity" on 16th February at CC.

The 12th Foundation Day was celebrated on 12th February 2020; **Hon'ble Governor of Andhra Pradesh, Shri Biswa Bhusan Harichandan** graced the occasion as Chief Guest and inaugurated the function. **Mr. Subroto Bagchi**, Chairman, Odisha Skill Development Authority and Co-founder, MindTree was the Guest of Honour and delivered the Foundation day Lecture on the topic, **"In search of Tomorrow"**. The day witnessed successful execution and organizing of Open Day and Exhibition in the campus spanning across all of its schools from 09:30 AM to 5: 30 PM which attracted active participation from students of various Schools and Colleges within and outside Odisha. The Fourth Wall- Dramatics Society staged their production "The Devil's Heir" which was highly appreciated by our Director. RISC members also displayed their maze-solving bot, self-balancing bot, and 3D LED bot in the exhibition.



Matrihasha Divas was celebrated in our campus on 20th February 2020 to commemorate the International Mother Language Day with the theme "Languages without borders" as observed by UNESCO. Renowned Odia Novelist, Shri. Bibhuti Pattanaik graced the occasion the occasion as the chief guest. Dramatics Society presented a monologue "Ahiraavan" on this occasion. There was an award ceremony for the various competitions conducted as a part of the celebration like debates, literature quizzes, singing by the cultural council of IITBBS.

International Women's Day was celebrated on 8th March 2020; a three-day programme was organised from 6th March to 8th March by the **Woman Welfare Committee**. This year's theme was **"I am Generation Equality: Realizing Women's Rights"**. The Chief Guest of the event was Dr. Sanghamitra Pati, Director, ICMR-Regional Medical Research Centre, Bhubaneswar. As a part of the celebrations D-Gang presented a dance, Dramatics society presented a monologue on "Molestation", Panacea- The English Literary Society conducted debates related to the theme and other competitions like writing. Poster making, content writing, short film making, and quizzes were conducted by WWC, IIT Bhubaneswar.





Both the performing and non-performing societies of the college have been active throughout the year contributing to various events of the college, and have been proving their mettle again and again. The students have been tirelessly working towards improving the fests year after year and have also been very successful in organising Alma Fiesta, Wissenaire and E-Summit in the months of January and February.



D-Gang has performed on various platforms both within and outside the campus; performed in Alma Fiesta, did a flash mob at Esplanade in collaboration with Wissenaire and took part in various inter-college competitions throughout the year.

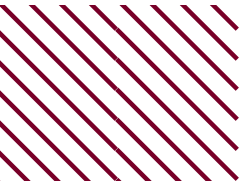
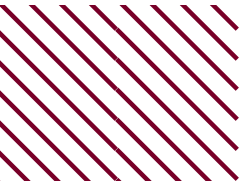
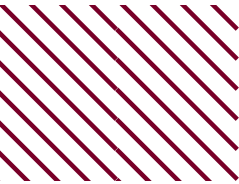
The Fourth Wall collaborated with RealMe for Unboxing Videos and got a shout out for the same. They staged their play in Alma Fiesta and also presented a monologue which bagged the 2nd prize.

Aaroh organised a singing competition for the students of the college. They have been actively performing in all the college events like “Matribhasha Divas”, Women’s Day Celebration”, “Foundation Day Celebration”.

The Quiz Club in collaboration with Chai pe Quiz- The Cochin Quiz club conducted their chapter of “Chai pe challenge” on 28th January 2020. They also organised a general quiz in GHR as a part of GHR Hostel Day Celebrations. They also conducted a general quiz “Ignition” which saw a huge response from the freshers.



Panacea organised IITBBSR MUN (Model United Nations), and it was a huge success which saw participation from many colleges. They also conducted a workshop on “Parliamentary Debate”. On various occasions, Panacea has organised debates for students of the college. They have also been actively taking part in inter-college competitions and have won many laurels. **Abhivyakti** - the Hindi Literary Society organised many poetry writing competitions and also collaborated with Alma Fiesta in conducting “Seedha Samvad”. They also celebrated Hindi Divas for three days with intra-college events.



Infrastructure Development

By
Ganesh Ram Kaushik.

The past two years have been especially hard on our campus. At first, there was the cyclone Fani, which wreaked havoc throughout Bhubaneswar, and left our campus in a deplorable state. Then, just as we were recovering from it, the coronavirus hit, bringing all the activities to a standstill. Yet, despite of all these disadvantages, IIT Bhubaneswar has, somehow, managed to do the impossible. Continue its construction work with minimum delays.



Over the past academic year, various construction projects have been brought to completion by our institute. Of these projects, the most important, and the most noticeable ones are the construction of the newer hostels. IIT Bhubaneswar has successfully managed to construct two new hostels, one for girls, and one for boys, each having as many amenities as the older hostels. The Ganga Hall of Residence, the new hostel for girls, has been constructed near the Subarnarekha Hall of Residence, whereas the Brahmaputra Hall of Residence has been constructed next to the Mahanadi Hall of Residence. Through the construction of these two hostels, IIT Bhubaneswar has empowered the administration to increase the number of seats offered to the prospective students for the coming years, much to the enthusiasm of the current batch of students.



Moreover, IIT Bhubaneswar has also brought about the construction of a new LBC canteen, situated right behind the Laboratory Complex. This canteen, although small, has had a very huge revitalizing effect on the students, and has led to better morale and increased productivity among the masses. The sights of students and professors spending time with their friends, after a long day of classes has made the LBC a much more welcoming place. The installation of the Defence Specimens near the Main Gate has further served to improve the general ambience of the campus as a whole. The sight of a Battle Tank and an Aircraft in the morning gives the students the energy and motivation required to carry them through the rest of their day. The Director's Bungalow has also been completed in the past year, with its inauguration ceremony held on the 13th of February.

The most ambitious undertaking of the institute in the past year, however, has been its decision to jointly host the Inter IIT Sports Meet, with IIT Kharagpur. This decision has led to a boom in the amount of sports facilities that have been available to the students. A large number of basketball and volleyball courts have come up, much to the elation of the sports enthusiasts. The Students Activity Centre, or the SAC, has also been constructed, complete with indoor badminton and squash courts. The institute has also taken huge strides towards completing the other sports facilities, such as the hockey field, the athletics track, the football field and cricket ground. These amenities, while still under construction, are expected to be ready by the end of the next academic year.

Other construction projects undertaken by our institute have also been proceeding at a brisk pace. The three Lecture Hall Complexes are near completion. Same can be said about the auditorium. The School of Earth, Ocean and Climate Sciences, the School of Humanities, Social Sciences and Management, and the School of Minerals, Materials and Metallurgical Sciences are also in the final stages of their construction. The expansion of the pre-existing schools, the School of Electrical Sciences, the School of Basic Sciences, the School of Mechanical Sciences and the School of Infrastructure, have also been proceeding vigorously.

The past year has been an extremely good one for the students of IIT Bhubaneswar, especially for those interested in sports. Various new infrastructures have come up, much to the delight of everyone staying on the campus. IIT Bhubaneswar has pulled off something that was once thought of as impossible, constructing a slew of new facilities, while still maintaining the integrity of the older ones which have been damaged by a cyclone. It is at times like this, that we, as the students, and the alumni of IIT Bhubaneswar, need to recognise the true heroes who have made this achievement possible. The construction workers who have worked day and night to ensure that we get the adequate facilities that we deserve. Without their service, none of the aforementioned advancements could have been made. The whole of IIT Bhubaneswar is truly grateful to them.





54th Inter IIT Sports Meet

Article by
Sudhanshu Darakh

Inter IIT Sports Meet is the annual sports tournament of the Indian Institutes of Technology. The Meet holds a 58-year-old rich legacy, being the largest Inter-College tournament in India which dates back to 1961. The 54th Inter IIT Sports Meet was jointly hosted by two IITs, IIT Kharagpur and IIT Bhubaneswar. It was for the first time in history that the meet was co-hosted by two IITs, and IIT Bhubaneswar became the first second-generation IIT to co-host the meet. Eight Sports were organised by IIT Kharagpur and 4 by IIT Bhubaneswar.

The 54th Inter IIT Sports Main Meet took place from December 15th to 21st, 2019 at the IIT Bhubaneswar campus and from December 14th to 22nd, 2019 at the IIT Kharagpur campus. The Opening Ceremony of the Meet at IIT Bhubaneswar was graced by the presence of **Dutee Chand**, Indian professional sprinter and current national champion in the women's 100 metres event and **Shri. Pratap Chandra Sarangi**, Hon'ble Minister of State for Animal Husbandry, Dairying and Fisheries and Micro, Small and Medium Enterprises, Govt. Of India.



The four events co-hosted by IIT Bhubaneswar were **Badminton, Squash, Table-tennis and Volleyball**. The institute had undertaken massive renovations of the playfields in anticipation of the meet. About 800 students from 23 different IITs participated in the Meet at IIT Bhubaneswar. The institute had provided excellent accommodation facilities to the athletes in newly built hostels with two persons in one room. Transport facilities were also provided to all the teams for moving around the campus with Battery Operated Vehicles operating in every 10mins. The on-ground staff, scoreboard volunteers, food management volunteers put in all their efforts and hard work to ensure smooth functioning of all the events.

The Director and the Admin Staff were present every day on the field to support and boost the morale of the athletes. The 54th Inter IIT Sports Meet 2019 concluded on December 21st evening after 7 days of tireless efforts by more than 800 participants from 23 IITs across the country. The event was concluded with **Gala Dinner** for all the athletes, which consisted of 20 plus cuisines with varieties from all across the globe. The dinner was followed by a local Odhishi dance performance by professional artists. **Shri. Tusharkanti Behera**, Hon'ble Minister of State, E & IT, Sports & Youth Services, Govt. Of Odisha was the chief guest on the occasion.

The last seven days were filled with boundless passion, emotion and drama surrounding the victories and failures of the contesting teams. A lot many records were broken, and new ones were created across the two IIT campuses – Kharagpur and Bhubaneswar, as athletes gave in their best in their quest for glory. Considering all the events, on and off the field, in the host and co-host campuses of Kharagpur and Bhubaneswar respectively, **IIT Kharagpur came first with a total of 122 points, followed by IIT Delhi with 92 points. The 3rd position was bagged by IIT Madras with 87.1 points.**





Virtual Reality of Online Internships

Article By
Ritik Roy

As a part of its BTech and BTech dual degree curriculum, the institute requires its students to undergo mandatory summer industrial training or an internship post their 6th-semester examination. IIT Bhubaneswar has always witnessed its students from all branches prepare and crack some of the most prestigious internships offered in the country.

This, however, was the case until the COVID-19 pandemic hit Indian shores. Several students were affected by the pandemic in adverse ways. While the future seemed blurry and uncertain, with possibilities of internships being offered or cancelled, it was indeed an overwhelming experience for the Btech students just wrapping up their 6th-semesters. The Dean Student Affairs on the 16th of March 2020, officially addressed the students through a letter stating that the students could leave the campus by 18th March 2020 to travel back to their homes following which, the series of national lockdowns compelled the Institute to revise its current academic calendar, according to which the summer internship period for third years was rescheduled from 22nd April 2020 To 15th July 2020. The revised summer vacation for all undergraduate students was from 1st April 2020 to 6th July 2020 following which the online end semester examination (except final year students) would be conducted between 22nd July to 31st July 2020.



On performing a brief survey with the students, we came across some interesting response. The students were offered a vast multitude of intern profiles from companies such as Adobe, Microsoft, Futures First, DoubtNut, Goldman Sachs and institutes like the National University of Singapore, Karlsruhe Institute of Technology Germany, etc. The average duration of these ranged between 2 months to 3 months. As the summer break was considerably long, and most of their internships were online, few students even managed to complete more than one intern during this period. What was also interesting was that many offers were initially on-site, however, later were changed to online-internships.



For smooth communication and information sharing, online platforms such as **Slack, Google Meet, Skype, Zoom, Flock, Microsoft Teams, Outlook, Telegram**, etc were used. The major difficulties and drawbacks were with respect to communication itself as understanding the targets took time, meetings and discussions were sometimes unclear, the lack of sound internet connectivity, lack of resources, adjusting with power cuts, etc. Students who had **prior on-site work experience** also said that a distinct noticeable difference was that working in a team was more enjoyable compared to working alone and it often got stagnant at times. They also spoke about missing out on fun team parties and experiencing the work culture and the amenities in its true sense. One student also said that while the work output was more and the HR did conduct some online games but she would prefer an on-site intern due to the previously mentioned reasons as it's a **happier environment**.

A few students who were offered **research internships** spoke about how it was difficult to interpret research papers and perform experimental analysis due to inaccessibility of any laboratory facilities. "Being a research-oriented intern in a core subject, there is only so much you can do online and remotely", stated a Mechanical Engineering student. The overall response related to software and other development-related profiles was positive, apart from the lack of work culture and bonding with other colleagues. Few students also bagged pre-placement offers and received a stipend for their work. However, for those students who were offered **core industrial/ research internships** the experience was majorly negative. While, it was disheartening for a few students who had been awarded research work abroad through certain programmes as it was later cancelled, but the professors and administration of the institute made sure to help the students in these times of crisis.

All in all, this sums up the experience of virtual internships for our previous batch of third-year students. We hope this article helps the forthcoming batch to have a clear understanding and a practical mindset towards the situation of internships in such hard times. The COVID-19 pandemic has adversely affected us all and the **future is yet unclear**. Hence, being prepared with the right skills and having the right mindset is the only way to embrace this uncertainty, where opportunities and options might be scarce. So, be prepared, develop your skill set, talk to your seniors and professors and definitely have backup plans to **grab your opportunities**.



Innovation in the time of COVID-19

Article by
Bharat Mishra

As India continues to battle the COVID-19 Pandemic, many Research Institutes across the country have come forward to help the nation in handling the virus with indigenous ideas. IIT Bhubaneswar, too, has been at the forefront of the war against COVID-19. The Institute developed highly sophisticated and performance-driven pieces of equipment along with amazing ideas to counter the COVID -19 spread.

The research projects focused majorly on :

Ventilators : Due to the problems associated with breathing during COVID-19 infection.

Disinfection Chambers : To stop the spread of COVID-19 and reduce the chances of getting infected.

Sanitizers : To reduce the dependency on Commercial Sanitizers, which are costly and has seen an exponential rise in demand during the pandemic.

Development of a Patient Responsive Active Assist Control (PRAAN) Ventilator



IIT Bhubaneswar developed a PRAAN ventilator for COVID-19 emergencies. The ventilator is highly efficient and meritocratic. Key features include operation in the standard volume control mode by **adjusting breaths per minute**, inhale and exhale time ratios, and tidal volume. During the process, **the ventilator adapts to the patient's breathing frequency by sensing the patient's inhaling pattern**; this reduces the load on the lungs of the patient. The ventilator also has an **LCD**, which displays clinical control parameters and features fault alarms. This feature was introduced without any significant increase in the cost of the ventilator. Another key high-

light of the project was that a few structural members were made using **3-D printing**. Faculty members, **Dr Kodanda Ram Mangipudi, Dr Srinivas Boppu, and Dr Srinivas Karanki** carried the development along with their students **Mr Chinmay Panda, Mr Arvind T.K.R., Mr Karteek Siriseti, Mr Eswar Sai Prasad, Mr Sudhanshu Sekhar Nath, and Mr Rahul Kumar**.

The School of Mechanical Sciences, IIT Bhubaneswar has developed a Portable Ventilator to fight against COVID- 19 in an emergency. The device is portable because of its lightweight, and it **can be run by a battery if required**. The pumping of the portable ventilator is carried out using a **programmable stepper motor drive**. The speed and the stroke length of the stepper motor can be controlled both manually as well as through a software. The ventilator can operate at a maximum breathing frequency of **12-15 breaths per minute**. The total volume of the resuscitator is 1650 ml, with a stroke volume of 800 ml. The resuscitator is attached with a **2000 ml reservoir bag to reserve oxygen**. The provision of oxygen supply can be made to the resuscitating unit by connecting an oxygen supply. The device operates smoothly without noise, is compact and portable. The delivery volume can be varied to a **maximum of 500 ml for smooth delivery of oxygen**. The device was conceived and manufactured by **Dr M.M. Mahapatra** and the team, consisting of **Dr J. G. Thakare, Mr Arabinda Meher, Mr Bivudatta Mohanty, Mr Umesh Melkani**.

Development of a Portable Ventilator



IIT Bhubaneswar developed a UVC Disinfection Cabinet



IIT Bhubaneswar developed a simple, but effective UVC Disinfection Chamber. The chamber can be used for disinfecting PPEs' of medical staff, electronic gadgets, garments, packets and other possible fomites by placing the object inside the chamber and exposing it to ultraviolet light rays. The time of exposure can be traded with power. Presently, the equipment is designed as per the behavioural results of SARS COV-1. It is expected to work for SARS-COV-2 since SARS-COV-2 belongs to the same family of SARS-COV-1. The team of developers intend to test the system against SARS-COV-2 with the help of **ICMR-RMRC Bhubaneswar**. The Institute will apply to ICMR for certification before taking it for production. **Prof R V Raja Kumar**, Director, IIT Bhubaneswar envisioned the design.

Dr Srinivas Bhaskar Karanki and Dr DP Dogra faculty members from the School of Electrical Sciences developed and tested the instrument along with the help of research scholars, **Mr Pratik Kumar Kar and Mr Shreetam Behera**.

IIT Bhubaneswar has developed and installed a Disinfectant Tunnel for a complete body sanitization of the surface of individuals who may be carrying the COVID-19 virus. The Disinfectant tunnel is a semi-closed structure and is currently being used at the main gate of IIT Bhubaneswar so that it may be helpful for sanitization of almost an entire portion (except the face and head) of the body of individuals travelling in and out from the campus. The tunnel applies a spray of appropriate disinfectant consisting of **isopropyl alcohol and hydrogen peroxide** in the form of fine mist generated from four nozzles placed at different heights which are focused towards a specific location and are connected to the air blowers. The sensing unit of the developed system is programmed to keep the disinfectant mist turned on for **15-20 sec** after the person reaches the central position. The person has to take a full turn while standing at the designated location to get exposed to the spray mist to the desired level. A group of faculty members, staff members and students including **Dr Suvradip Mullick, Dr Gaurav Bartarya, Dr Chetan, Dr Mihir Kumar Pandit, Mr Bivudatta Mohanty, Mr Dilip Kumar Sahoo and Mr Umesh Melkani and Dr Ashis Biswas** have been actively involved in this work.

Development of a Disinfectant Tunnel



Development of a Disinfectant Station



The Disinfectant Station is an open structure covered on three sides and made up of steel channels, plywood and plastic sheets. The Disinfectant station is currently being used at the Main Gate of IIT Bhubaneswar. It is presently being used to sanitize the people entering the campus from chest to waist (emphasizing on hands) and lower part of the leg including feet, by spraying appropriate disinfectant comprising of **isopropyl alcohol and oxidizing agent** in the form of fine mist generated by two spraying nozzles. The station can also be used to sanitize bags and luggage, wallets, mobile phones and other possible fomites. The person has to spend at least **20-30 sec** in front of the nozzles for adequate disinfection. The working is very similar to

the Disinfectant tunnel. The group of faculty and staff members including **Dr Mihir Kumar Pandit, Dr V. Pandu Ranga, Dr Suvradip Mullick, and Mr Bivudatta Mohanty** from the School of Mechanical Sciences and **Dr Ashis Biswas** from the School of Basic Sciences are involved in this work.

Preparation of the Alcohol-based Hand Sanitizers as per the WHO Standards



The School of Basic Sciences, IIT Bhubaneswar has prepared an alcohol-based hand sanitizer to be used by the Institute's community. Alcohol-based hand sanitizer has been prescribed by the World Health Organization (WHO) for preventing the spread of COVID-19. The 'in-house prepared hand sanitizer' prepared by IIT Bhubaneswar **contains an oxidizing agent** which is usually absent in most of the commercialized hand sanitizers. The Institute has also started distributing the same sanitizer to the medical unit, security units as well as the staff and faculty members residing inside the campus. The alcohol-based hand sanitizer contains **at least 70% alcohol and can efficiently disinfect microorganisms and viruses on hands within 30 seconds after application**. The sanitizer has been prepared in accordance with the WHO standards. **Dr A. Biswas** and his research group have prepared this hand sanitizer.

IITs from all across the nation have made a huge contribution towards India's goal of successfully tackling the COVID-19 pandemic. An IIT Guwahati startup has developed drones for spraying disinfectant in public spaces to prevent the spread of coronavirus. IIT Kanpur has collaborated with ICICI Securities for the development of a low-cost ventilator innovated by two of its students. A Digital stethoscope developed by a team at IIT Bombay, that can listen to heartbeats from a distance and record them, minimizing the risk of healthcare professionals contracting the novel coronavirus from patients, is already available in the market. These Institutes across India have once again justified their position as the best in the nation and are much more determined than ever before, to help the citizens in battling the COVID-19 virus.

An Astute mind with a Vibrant Personality!

A Glimpse of Madhavi's journey at IIT Bhubaneswar by
Kriti Maloo and Ganesh Ram Kaushik




Ms Madhavi Rongali is an IIT Bhubaneswar graduate from the Batch of 2013. She is a truly inspiring figure, not just for women studying in IIT Bhubaneswar, but for all the students across the different IIT's. Her character can be best described as perceptive, diverse and vibrant. She was a part of the second batch of our Institute and was among the first people to come to the Bhubaneswar campus. Having done her B. Tech in Civil Engineering and her post-graduation in Business Administration from IIM Bangalore, currently she is working as a Senior Consultant at Deloitte. She also leads the newly formed Bangalore Chapter of IIT Bhubaneswar Alumni Association.

Madhavi, along with her other batchmates, played an instrumental role in the setting up of various systems in our Institute. Her contribution to these processes is further amplified by the fact that she was also the Third Vice President of our institute, and **the only female Vice President** so far.

Talking about her life during this ongoing pandemic, she explains that it has not affected her much professionally, as most of her clients are in the U.S.A and thus working remotely from home hasn't made a lot of difference to her life, except for the fact that she gets to spend more time with her family. However, she admits that this pandemic has had a significant impact on businesses. The firms are all struggling to cope up with the challenges posed by the pandemic.



Throughout the interview, Madhavi talks about a lot of things. She shares her experience of being a member of **the Dramatics Society**, a member of **Alma Fiesta's sponsorship and events management** team, and explains how it helped her grow as a person. The fact that she was a part of Alma Fiesta's sponsorship team, really helped her to get into the mindset of selling an idea, which became intensely useful in her management career. Also, taking up the role of Vice President of the Institute helped her understand her love for the field of management and how it managed to set her apart down the lane. She explains that being a VP enabled her to interact with both sides of the Institute, the students, and also the administration. This, she further explains, provided her with a lot of different perspectives.



When asked about the motivation behind becoming the VP, Madhavi explains that during their time, the Institute was in its initial phase of development, and there were a lot of things to do. Therefore, she felt that there was a need to establish proper systems and channels for all the Student Gymkhana activities. She mentions that she did not have an opponent while contesting for the elections and her batchmates were quite surprised after learning about her candidature. However, there was no lack of support from the student community as well as the administration over time. She believes the rapport that she had built, with her batchmates and juniors over her time in college helped her bring about some significant changes. In order to improve, Madhavi feels that it is essential to connect and bond with people.

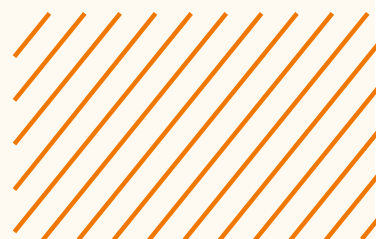
One of the significant contributions that Madhavi has made to the current Gymkhana system is her role in the establishment of the funding system. She was the key player in the establishment of this system, which only acts as an example for everything else she has done in her tenure as the VP. Another major contribution of hers is the establishment of MOUs with **NEN (National Entrepreneurship Network)** to help the functioning of the E-cell of our institute during its initial period. Her contributions had helped the students to start focusing more on the idea side, rather than worrying about the funding.

Madhavi further talks about her current profession, a **senior consultant at Deloitte, who specialises in Mergers and Acquisitions**. Despite the long working hours, having a supportive team makes her love her job which brings her in close contact with people from all over the world, and enables her to understand a lot of viewpoints. She wishes to improve further in her field and contribute as much as she can. As a female employee, Madhavi is quite ecstatic about the fact that she hasn't faced gender-based discrimination at her workplace and is given the deserved credibility for her work.

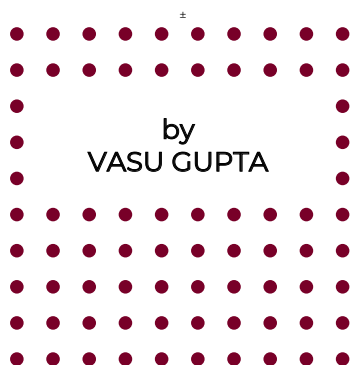
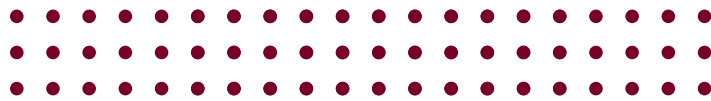


*During her interview, Madhavi urges more women to participate in extracurricular activities and asks them to get into more positions of power. She talks about how it is vital for there to be an adequate female representation and how it is necessary for a healthy and well-balanced student body. As a personal example, she reminisces about how she was able to bring the institute's attention to the fact that some women were being harassed on their way back to their hostel, using her post as the VP. The need to establish a **women-centric forum for IIT Bhubaneswar** women, where alumni and students can interact with each other is something that she feels is necessary. Also is the need to start a mentor-mentee program where a female alum is assigned a group of IIT BBS female students to provide guidance whenever required.*

Finally, she talks about how important it is for there to be transparency within the Gymkhana. Her thoughts on **how a student gymkhana needs to mediate between two parties**, the administration, and the students, and how leaning towards one side destroys the trust with the other, is crystal clear. She further stresses the point that students need to create a healthy balance between **academia and extracurricular activities**.



Today is the day



by
VASU GUPTA

It has been eight years since the first batch of IIT Bhubaneswar graduated, and I cherish the memories, friendships, and experiences I had at our college.

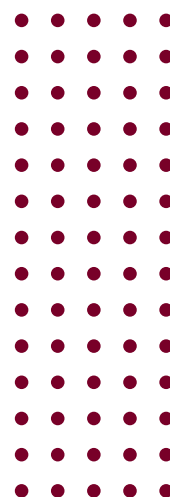
I was in EE. The other two programs during that time were ME and CE. And as usual, EE was the best and the coolest of them all (wink wink). Our batch was super peaceful in academics and too good in everything else. The one thing ME had was my roommate, the great Vinod Kanchi, who knows how to sleep with his eyes literally open (and it's a fact). It so happens that I got to know this too late during a combined final year elective class.

A year after graduating in 2012, I went to Stanford University for pursuing a Masters degree in Electrical Engineering. After graduating from Stanford, I worked on computational electromagnetics at an awesome German company in the Bay Area. I did not have a long term plan for staying in the US forever. So I moved back to India in 2016 and started working at Qualcomm, Bangalore on chipset architecture design. Last year I moved to my hometown and started focusing on building a startup along with a consultancy business in computer vision.



The diverse learnings I had at IIT BBS and Stanford were valuable for me and shaped my perspective. I used to believe that I need to know and understand everything in too much depth and details before building anything. It was so extreme sometimes that once I spent an entire semester deriving a formula in control systems class without looking at the proof and didn't learn anything else. It was one of the closest I came to failing a course.

Now I have learned to spend my time focusing on the solution, implementing and building stuff, without worrying about not knowing everything. It feels really empowering. One of my learnings I would like to share is that you don't have to know much or become a super-genius to build something incredible. Today is the Day, so just go for it.



I wish you the best of luck for all your future endeavours.

If you would like to connect with me or hack something together, feel free to send me an email at vasu.gupta9@gmail.com

IIT Bhubaneswar Fantasy Premier League (FPL)



by
CHINMAY GUPTA

This fun league that we started last year was nothing more than a silly idea which came about in a conversation between Prमित Sarkar and me.

For those of you that are not familiar with it, as the name suggests, it's a virtual fantasy league based around the English Premier League. You build your team and receive points based on their performance in that week's game. Some choose to call it the ultimate battle of wits, while others believe it's dumb luck. The only thing I know for sure is that it's quite a lot of fun and can get surprisingly competi-

So, a few weeks before the start of the season, in the middle of him talking about the purple patch his favoured Liverpool are in, and me defending my choice to be a Gooner, we came to be discussing FPL trivia. Then the idea struck, and Prमित asked me if I wanted to start a league for past and present IIT BBS students.

Once again, it was a silly idea, aimed at doing not more than to let the football geeks have some fun together. Even so, a league was created, and the link was passed along in a solitary email.

I'll be honest, I didn't expect more than 10-15 people to join the league, and I didn't mind because it's meant to be fun after all. So, when I checked the league standings the next day and found 60+ teams, I was shocked to say the least. What followed, in the league and on the WhatsApp group, was an interesting twist and turn of events, which has brought together the football geeks from our college, and given them a space to post eagle-eyed stats or meme compilations! Most of all, it's had amazing banter and conversation throughout the year, and I am very much looking forward to challenging for the top spot again next year. May the bald fraud be ever in your favour!

Stay Tuned!

IIT BBS Fantasy League			
Position	Team	GW38+	Total
1	SuperCyclones Siddhant Kerhalkar	73	2237
2	Toe Punt FC Chinmay Gupta	72	2223
3	VishnuSat Vishnu Satheesan	50	2185
4	darkphoenix Abhishek Sai	58	2182
5	All bets in PRAMIT SARKAR	68	2130

Standings of 2019-20 season

Pointers from a Six-Pointer

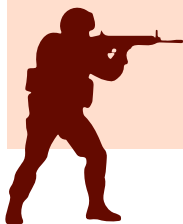


Deepak Kadimela, batch of 2012




My journey begins when I land in Nallakunta, Hyderabad from a small town in my 7th Grade. I was inspired by the plethora of success banners swerving around the city and my father's words to try to become an IITian. I took three years of coaching from Matrushi, Prashanti and Sharma and geared up for the entrance of Ramaiah Coaching exam in my 10th Grade. **I fell short of 3 Marks in chemistry and got rejected.** That was my first failure among many. After my marginal failure in entering the top IIT coaching in the South, I decided to join Bansal Classes as it was the top IIT Coaching of the North. Alas! I flopped once again and could only make it to the Extended Merit List of the JEE in my first attempt. I was not interested in joining IIST or IISER, as I had a short and sweet dream - IIT. **I aced the exam next year and managed to get a 4-digit AIR.**


CS
GO



Eventually, I landed a seat in IIT BBS and got to know that since its mentor at that time was IIT KGP, we will have to spend one year in Kharagpur. I had no idea about anything that should and should not be done after getting into an IIT. So, **I built my own Counter-Strike Clan and failed in 6 subjects in the very first 1st semester.** This, in itself, was an accomplishment. I had the highest count for F grades from my batch. I did not lose hope. I had to spend summer holidays on NPTEL to clear off supplementary exams. By the final year, I had cleared all my backlogs. To be honest, no industry or interviewer cares about them. **It's the skills that you possess and your interest in your job that matters.**



Starting the second year, we were more engaged in our studies with a better Professor to Student ratio in Bhubaneswar, and I completed my graduation with a 6.2 CGPA. Obviously, not qualified for sitting in the placements. Students with better GPAs cracked most of the interviews and were hired. Still, I was feeling confident that my journey is different than the 8-10 pointers. **I knew I wanted to be different than others and did not want to be a part of the crowd.**



Finally, in 2012, as our academic program was coming to an end, our placement coordinator (Professor Srikanth Sundararajan) talked to **L&T management** and got me placed in their Power Transmission & Distribution team based in Chennai. I was there briefly for 6 months and luckily was selected for the Global team and travelled to Dubai. We were working on the design of the Dubai International Airport – Concourse 4. I remember the words of my project manager when I entered his office on day one, **"Oh! You are from an IIT. I know you are a hard worker who can finish this project, which has been in a backlog for the last four years"**. I did complete it and got promoted.

Unsatisfied with the Dubai weather, I did my masters at New York University (QS World Top 35) with recommendations from my B.Tech project advisor (Dr Murthy and Dr Bhende). Without their support, I couldn't have reached/achieved this level. I remain indebted to them. I am sitting in my private room and writing this essay to inspire my juniors. I earn top dollar in a capitalistic country (US), and my VP says to me, **"You are an IITian, and you can do anything"**. He is from an IIM. At least with this, my parents are happy.

I am earning more than any of my batch mates although I had the least GPA and failed in six subjects in the very first semester (let me know if that record is broken yet).



**FAILURE IS TEMPORARY,
AND ONCE YOU HAVE THE
IIT STAMP YOU ARE
ALWAYS IN DEMAND**



ALUMNI ACHIEVERS

ALEKHYA K



BEING HAPPY-FULL TIME NOW!

Ex-CEO of iB Hubs and now their Chief Happiness Officer and Director of iB Hubs Innovations department, Alekhya from the EE batch of 2013 is living the dream of many!

KRISHNA KARTHIK



KNOWN AS KK aka NEIL THOMAS!

KK from Mechanical Engineering, the batch of 2015, was always a musician but is now hitting big notes at major corporates as a manager. Speaking of notes, he took his only notebook from Bhubaneswar to Kozhikode, to finish his IIM course!

NISHANT SAHAY



EVERYTHING FROM A GSEC TO A VP!

Once a GSec of Socio-Cultural council of IIT Bhubaneswar, Nishant graduated with a EE degree in 2014. He is currently the Vice President of Equities Securitized Structuring at Goldman Sachs, Bangalore!

KARTIKEYA SRIVASTAVA



KEEPING THE STREAK ALIVE!

Being an IITian, one can do many things, and Karthikeya chose to secure an AIR of 40 in the IES exam after his graduation in 2016. An IRSME Officer in Indian Railways, he has an impressive “track” record!

#ReppingUsRight

A look back on an Eventful Year at the Association



AYAs and more!

The year of 2019-20 saw a variety of guests attending the notable Ask You Alumni (AYA) sessions, which have become the standard way of acquiring the invaluable knowledge from the celebrated alumni of IIT Bhubaneswar. Efficiently translating the experiences of alumni into life lessons for the current students, these sessions provided a bundle of advice and information that was very inspiring. They were also quite fun, thanks to their interactive yet informative form. The Alumni Association, aided by the efforts of the students' Alumni Cell, has brought in an array of great experts from its network. These sessions continued happening throughout the year, with the latest one happening in the middle of the pandemic. There were a total of four AYAs which featured the following guests, speaking on their respective topics:

AYA
#4

The series for the previous year was kickstarted with the amazing pair, **Pradosh Kumar and Shalini Mayanka**, both of them being graduates of the Batch of 2012 and are currently working as **Senior Managers at American Express and Axis bank respectively**. Shalini enthusiastically participated in a session exclusive with the girl students on how to navigate through professional careers under pressure. They also went on to reminisce and cherish their special moments in the upcoming campus of their time. It also earmarked the **first offline AYA** that took place.





To one-up the previous AYAs, the Association could not have gone with a better person than **Baibhab Kislai**. An alumnus of IIT Bhubaneswar (Civil Engineering), UCLA (School of Management) and a veteran in the corporate world with **work experience in Flipkart, Amazon, Lufthansa and currently a Strategy Manager at Samsung, Seoul** - one would be amazed to look at his profile. Baibhab connected with us virtually well before it was a norm. The session with him saw a ton of enthusiasm and eagerness from students to learn from his unparalleled experience in the corporate world.

AYA #5

AYA #6

This particular session was eagerly awaited as it would see three of our alumni, **working in tech giants, Google and Twitter** talking about software development in detail. The Devtalk Edition featured **Satish Kumar and Phani Teja**, the duo graduated in EE branch in 2014 and went on to work at Google, after they finished their master's in University of California, together again. They were joined by **Sasank Pagolu**, a CS graduate of 2017 batch, and currently a **Software Engineer at Twitter, Seattle**. This trio provided the student community with the best tips and tricks to take their best shot at the top global companies.

This session was particularly special, one because it happened amidst a global pandemic and the other because it was accompanied by alumni from the very first batch of 2012, with **Prakash Jha, Senior Vice President of LetsTransport.in** and **Utkarsh Kumar, Lead Software Engineer at Nykaa.com**. Prakash graduated with an EE degree and Utkarsh with a ME degree, both of them worked in various reputed start-ups and tech giants alike. More than 80 people across the country interacted with this splendid duo, who were very kind to take time out of their busy schedules.

AYA #7

AYA #8

Yeah, we know that this is yet to happen, however, we wanted to tease you a little with the profiles that will be featured in the upcoming year. So, if you're looking to pursue higher studies or take a go at the unattainable managing roles at a very young age, or if you are the motivated entrepreneur or the dejected student because of low CG, we got everyone covered. Do not worry; we have something to offer each and every one of you. Stay tuned...



Apart from the AYA sessions, yet another initiative of the Alumni Association saw the birth of **Constellation Chats**, which proved to be a great success in connecting with your batchmates across the globe during the pandemic. These chats were quite fun and were also like a brewing pot of ideas, with the young and thriving alumni ready to connect and give back to the Institute and its community.

The pandemic could not stop the batch of 2020 from graduating, and the Association from warmly welcoming the new alumni into the ever-growing alumni network. There could not be a better session to assist these graduates in a smooth transition into professional lives than the very first **Fireside Chat**, the latest initiative from the Association and the Cell. This session featured **Rahul Singh**, a prolific speaker, writer, banker, founder, and many more-ers. An NTU Singapore and IIM Bangalore alumni, Mr. Rahul, spoke about the importance of networking, choosing passion over money, and ended the session explaining the “**physics of economics**”. The outgoing batch learned a lot from the session, a lot more than expectations as Rahul is a firm believer in democratizing wisdom, putting it into practice with his initiative **Gyanalogy.com**.

Disclaimer

*(Do **NOT** skip the following part. It is not the usual boring stuff.)*

We are not done yet, this article just presents you with the tip of the iceberg, and we have a lot of upcoming sessions. Planned with great rational, and aimed to achieve outstanding objectives, these sessions will continue to bolster the funda of gratitude and giving back synonymous with the alumni of IIT Bhubaneswar. Dear alumni, would you like to connect back with the students, please mail us at **secretary.aa@iitbbs.ac.in**. And students, you got any ideas to complement our plans?? Mail us at **prd10@iitbbs.ac.in**. We are looking forward to hearing from you all!

Until the next issue,
Raghavendra Dheeraj

Team, AA&IR



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Dean, Alumni Affairs & International Relations



Ms. Lipsa Bharati

President, Alumni Association



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Panacea

Literary Society for providing the articles .

Clix

Photography Society for providing the images.

Congrats, you've reached the end...except quite not.
Write to us at prd10@iitbbs.ac.in to share your stories with our community.



**ALUMNI
ASSOCIATION**

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR



IIT Bhubaneswar community appreciates your efforts.

THANK YOU!

