

DPU

**DR. D.Y. PATIL BIOTECHNOLOGY &
BIOINFORMATICS INSTITUTE'S**

ENIGMA

**BY THE STUDENTS,
FOR THE STUDENTS.**



VOLUME 2.0

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Message from our Director

Prof J. K. Pal

I am happy to learn that the students of our institute have taken the initiative in bringing out the second issue of the e-magazine, “Enigma” that was launched last year. The students, the e-magazine committee in particular, have put in an adequate effort in compiling the second issue of the e-magazine. By looking at the draft I am fully convinced that they are on the right track and will certainly continue their untiring effort in sustenance of the magazine on a year to year basis.

The major theme of this year being “By the students and for the students” truly give identity of this compilation as the students’ magazine. Variety of information about student activity in the past year, and very useful compilation about student progression and placement will certainly be beneficial for all the existing students and the newly admitted students, in particular. Overall, the compilation is well thought of and merits high appreciation and a sound applause. I support this activity whole heartedly and wish them the best for making this magazine a very meaningful and a successful one.



Message from our Ex-Magazine Secretaries

"I am happy to see that what we started is being carried on. Enigma has not only been a magazine for us, it was our Networking source and a rescue option when bored of studies. I feel obliged to get to write something for ENIGMA again! A year as a Magazine Secretary taught me some of the most important lessons and I am grateful for that. Good luck!" – Kalpshree Gogte

"I am very pleased that the students have taken the initiative in launching the 2nd draft of the magazine. Being the magazine secretary, I know how challenging it was to initiate and publish the 1st draft. Students dedicate substantial amount of time for the completion of the magazine and it's always worth cherishing once it gets successful. I'm very excited to see the new draft and I wish all the success to the magazine committee. I hope the new students will keep up the good work and continue publishing the magazine every year."
–Shivashankar Menon



Acknowledgment

It takes a lot of hard work and an immense amount of patients to publish a magazine. But definitely, it is not possible without a hardworking team of students.

Firstly, we would like to thank our reader for appreciating the efforts of our team. Our heartfelt gratitude to the director, Prof. J. K. Pal for his motivation and wisdom. Our college has a strong army of teachers for lighting up our paths in the darkest of the hours, our special thanks to Dr. Soumya Basu, Dr. Prakash Nemade, and Dr. Arvind Goja for their constant support and constructive criticism.

The existence of this magazine would have been questionable without our precious team. We value the pen skills of our writers, the creativity of our artists, the vision of our photographs and the rhythm of our poets. Our institutional magazine- Enigma2.0 has been a consequence of the intricate efforts put in by our beloved Student Council 2019. We would like to thank our Ex- Magazine Secretaries, Shivashankar Menon, and Kalpshree Gogte for their significant guidelines that helped us make our way through. We express exceptional gratitude to anyone and everyone who brought us where we are today.

**-Magazine Secretaries
(Sayali Gade & Vanisha Bansal)**



Our team:

Our writers:

- Manjiri Salodkar
- Ketki Shukla
- Sayali Gade
- Vanisha Bansal
- Manas Sehgal
- Ritoja Ray
- Nirmitya
- Shounak
- Syamantak
- Setu Dambhare
- Shristi Maheshwari
- Tanvi Patil
- Riddhi Kardile
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- Hritika Pandita
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Events captured by Pragalb Dhoka and Udaya Jagan.

Magazine edited by Sayali Gade.



1. Retrospect: (Event reports)



1.1 Fresher's Party 2019

On 19th September, fresher's day celebration was held in Dr. D.Y. Patil Biotechnology and Bioinformatics institute. The ceremony was inaugurated by Dr. J.K. Pal by lighting of the lamp and Saraswati Vandana. After performances by students of II and III year, the final rounds for the selection of Mr. and Ms. Fresher started. The judges were Dr. Gunjan Tyagi, Dr. Kasim Khan, Dr. Suchi Nagar and Dr. Swapnil Gaikwad. The students were already screened by an IQ test and a personality analysis, more than 150 students had applied for the running to become Mr. and Ms. Fresher. A total of 10 students were selected for the final round held on fresher's day.

Students had to come forward and introduce themselves followed by a questionnaire by two randomly selected judges for each of the contestant. Marks were given to each of the contestant by the two judges and based on the total marks given by the judges to each contestants, the highest scorers were declared as Mr. and Ms. Fresher.

Irsiya Aijaz won the title of "Ms. Fresher" and Syamantak Mukherjee won the title of "Mr. Fresher". It was a really great opportunity for the participants. It boosted their confidence and made them discover their inner selves.

(Irsiya Aijaz)

Student reporter

BBT 1st Year



1.2 Farewell Party 2019

Days are long and the years are short.

As we bid adieu to our family away from home, our very own senior students of batch 2015 - 2019, our hearts fail to contain such an aching emotion.

Our students arranged a warm farewell to express their love and gratitude to their seniors.

Our fourth year students dressed in an extravagant fashion as they attended this event with overwhelming hearts. They had to find a partner to enter the event, and certainly everyone had done their bit the best; as the pairs entered the venue with a beautiful glee and glowing eyes.

The students hosting, put forth this Programme with all their enthusiasm and the 'CASABLANCA' style.

The college was decorated with a combination of gold and red, which was embraced by the breathtaking performance of the students. The anchors of the afternoon were none other than the best; Sayali Gade and Shreya Roy.

Shruti Katoch began the Programme by calling upon our director on stage for lighting of the lamp.

Syamantak shared a few of his thoughts on the overwhelming emotion of bidding farewell.

Shristi Maheshwari gave a graceful dance performance. She filled the hall with smiles, color and flowers.

It was the first chance for the first year students to portray their talent and Shounak amazed everyone with his powerful dance moves, while Ayush mesmerized everyone by his melodious voice. The spectators didn't lose sight even for a second, when our classical dancer Shravani danced on 'Shape of You'.

Another set of new comers, the M.Sc. First Year students also paired with each other to give two mind-blowing performances, one of which included 'Mime acting', which definitely was something new and interesting for our audience.

The senior students were called upon to share their memories with the crowd.



They expressed their affection and gratitude for each other and this institution, it was also accompanied by a little gossip and funny incidences.

Shreya and her group gave a tough performance and left the spectators wonderstruck while, our favorites Arsalaan and Siddharth gleamed the stage with their own respective talents.

Everyone enjoyed a treat of burger as Naveen cracked his sarcastic jokes and spread laughter within the room.

He significantly mentioned the sense of humor in Dr. Goja and Dr. Viniti and the how students fear for Dr. Sarika and Dr. Shuchi in a comic way.

He also highlighted the integrate friendship of Dr. Shipra and Ipsa Ma'am. The hall was filled with laughter and joy.

The host year (the third year students) elevated everyone's spirit by shaking their legs on songs like, "Tujhko mirchi lagi toh mein kya karu" and "Rinkiya ke pappa".

The Programme was concluded with DJ and Dance, as we gifted our seniors with small succulents as a token of love and goodwill for their future endeavors.

Everyone left quite late, after our invitees clicked pictures at their favorite spot of the evening which was the pillar covered with their memorable moments.

Everyone came together and in a very short time made this event a huge success.

(Ketki Shukla)

Student reporter

MBT 3rd Year



1.3 Cytosoul 2019

Day 1 (Shubharaambh)

Cytosoul 2019, the annual fest of Dr. D. Y. Patil Biotechnology and Bioinformatics Institute Pune, began on the 6th of February with '**Shubharaambh**' which translates into 'auspicious beginning'. The fest was inaugurated by Prof. J. K. Pal, who cut the ribbon in the presence of all the teaching staff and students. The theme for the day was to dress up in traditional attire which allowed students to celebrate their diversity and similarities. From teachers to students everyone turned up wearing bright and beautiful ethnic wear.

Moreover, our exchange students from Sweden also showed up in the traditional Indian saree. During the inauguration, even the non-teaching staff members were felicitated with gifts in appreciation for their dedicated work.

The day was filled with fun activities and exciting contests. The events of the day began with a Rangoli competition wherein students showcased their creativity and came up with amazing designs which carried an important message. After which there was a Henna Tattoo competition in which students showed their talents by making henna designs on their friend's hand within half an hour. Another major attraction of the day were the stalls put up by students participating in the Fireless Cooking competition. Where students had to make food items from the scratch. Right from chaats to delicious shakes, it was a real treat to the taste buds.

Various sports events of the day included chess, table tennis and basketball. Students of different years competed against each other in chess and basketball while both teachers and students alike showed their skills in table tennis. It was a grand beginning to the fest and the students were geared up to enjoy the next three days!

Day 2 (The Vogue Day)

Second day of the fest, titled as "THE VOGUE DAY", was a continuation of the grand celebration. The day was diligently organized. It was fun, vibrant and full of joy. Various competitions and games were organized for both



Students and teachers. It served as a great platform for all the students to showcase their talents.

The Vogue Day was celebrated with great gusto and enthusiasm. The students came fully clad in their western dresses. Their attire looked simply amazing as they collectively displayed an array of colors that reflected the bold and beautiful hearts. Special credits to all the teachers, as they actively participated and took great efforts to dress up in the western and Indo-western outfits. They all looked simply stunning.

The day started with sketching competition, followed by Calligraphy and Painting. The aim was to provide a platform for the hidden artists to bring out their latent creativity.

The participants gave vent to their imagination and aesthetic exploration creating magical expressions on paper. Each and every sketch and painting had an amazing message to convey.

The council had a lot of new additional competitions arranged this year, one of which being “The Face Painting competition”. We saw an overwhelming response of students. Creativity impressed the judges and the viewers.

To cheer up the college atmosphere and add to the celebration of our teachers, “Musical chair” was arranged for them. They all participated with great spirits and enjoyed to their fullest.

After the game, DJ was held to set a mood of celebration and give a taste of fun to this happening day. Everybody had a good time with friends and teachers, creating memories and clicking pictures.

In the evening, we had inter-college basketball matches arranged. Students showed great sportsmen spirit and gave their all handwork and sweat to win the matches for their respective years. It was a treat for all the viewers to watch.

The day went well and ended with satisfaction. The vibes through-out the day were very positive. Students and teachers had a lot of fun and left with happy faces.

Day 3 (Spotlight Day)

The theme for day 3 of Cytosoul 2019 was 'Spotlight'. Students were asked to wear outfits of any of the three colors- Red, Yellow or Green, based on certain criteria. The day started off with the Makeover Challenge wherein we saw



participants showing off their makeup skills and giving their friends a stunning makeover! The final round for the event 'Sherlock' i.e. Treasure Hunt was also conducted on this day. In the final round, qualifying teams were asked to investigate a murder case in the college and find out who the murderer was. The participants had to brainstorm and find the answer to the clues which were hidden in different parts of the campus. Another attractive event of the day was the LAN games wherein students sat in the college quadrant and competed against each other in adrenaline-rushing games like PUBG. After lunch, badminton matches were organized between the teachers where we got to see our very talented teachers take on each other in the court. A Pictionary game for the teachers was also held after that, which was enjoyed by the teachers and students alike. The events of the day concluded with the prize distribution for the sports and indoor events which saw the winners of different events being felicitated by the Director of our institute.

Day 4 (Final Day)

The event was diligently organized. There was a soul to it. A soul that was vibrant, contagious and exuberant.

At the entrance of the building of Dr. D. Y. Patil, there were huge posters denoting the CYTOSOUL -JASHN 2019.

Inside the campus, as we saw various students practicing, doing stage rehearsals early in the morning at their best, it set the mood for the celebrations.

After long exhausting practice session, a small tea break was organized for the participants to cheer them up.

The students enthusiastically assumed with the preparation for the evening events. Amidst all these preparations a mouthwatering lunch was organized. To grace the event we specially invited the alumnae of our college to interact with students and encourage the future endeavors and consecutively add significance to the evening.

The guest of honor for the evening was Mr. Kelaskar. He encouraged the students with his warm and motivating words

After his short speech, felicitation ceremony was held for the "All Rounder" award and for the previous council members.



This was followed by auspicious lamp lighting by the honorable chief guest and other faculty members of the college.

After this the event went on with many mesmerizing performances followed by glamorous fashion show exhibiting different themes like Pop Art, Egyptian, Voodoo and Shimmer and Dapper.

Then the organizers of the fest “The Council” members presented a special walk at the end of the fashion show.

The event ended with a vote of thanks to the people who made it a grand success.

And then the four day extravaganza ended with a bashing DJ that dragged everyone to dance on the floor.

Student reporters

(Manjiri Salodkar) MBT 3rd Year

(Vanisha Bansal) MIT 2nd Year

(Ritoja Ray) BBT 1st Year

(Nirmiti) MIT 1st Year

(Shounak) BBT 1st Year



1.4 India First Leadership Talk Series

Students crowd to attend a webinar delivered by Shri. Anand Mahindra

2019, January 8.

On 8th January 2019, a webinar was conducted at Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune. The speaker of this talk was Mr. Anand Mahindra, who is the Chairman of the Mahindra Group and the Executive Chairman of Mahindra and Mahindra Ltd.

Jugaad' is not really an innovation.

Real disruptive thinking is what leads to a 'Jhakaas' innovation.

-Mr. Anand Mahindra

All the students of our college curiously attended this online seminar which was a part of "India First Leadership Talk Series". The event was launched by AICTE which is a statutory body and national-level council for technical education, under the Department of

Higher Education, Ministry of Human Resource Development (MHRD).

Shri. Anand Mahindra delivered a very influential talk, hosted by Dr. Abhay Jere. In this one hour talk session; the critical peaks and troughs in our lives were emphasized helping illuminate a positive mindset towards the failures that come our way. According to him he has never met anyone who has never dealt with failure. To him, to understand failure is the key to overcome it. He also further mentions that this process is self-taught and solely depends on who you are and what you want to achieve.

He believes, to cope up with any failure the foremost step is to feel the emotion which drives it. Challenging ourselves to absorb this feeling is the appropriate route to acceptance which later helps us get over our worst failures.

After mentioning an incidence from his university days, he concludes, "You are not the smartest person in the world, but you will survive." He added that his role model is not just an individual but is a combination of qualities he admires in people around him and he tries to get close to it each day. He further converged attention towards the qualities of a great leader stating that a leader is one who possesses captivating ideas, influential vision and is modest enough to not take



the entire ownership of the idea. An ideal leader is one who makes his followers believe in the idea as their own.

Some brainstorming questions were put forth him and the answers have changed the direction of various minds that were perceiving him. On being asked, “How to make Innovation a real fulcrum?” he answered that what we call ‘Jugaad’ is not really an innovation. Real disruptive thinking is what leads to a ‘Jhakaas’ innovation.

When he was asked if students should opt for start-ups directly or should pursue for jobs first and then switch to entrepreneurship, he insisted that the choice of work depends upon the interests of that individual. One should cognize his mission in life, and it doesn’t matter if that person desires to be a teacher or an entrepreneur. On talking about managing his work-life balance, he believed that when one loves his work, he can readily balance his work-life without stressing about it. And lastly speaking about competition he said that, one should have competitions, as it brings best out of you.

His motivational words have reached a broad mass of students and their strength is meant to linger in the young minds to bring about a positive change in their lives and the lives revolving around them. We look forward to such events that teaches us lessons that will help us in a longer run of life.

(Sayali Gade)

Student Reporter

BBT 3rd Year





Teachers and students, attending the webinar.



1.5 ALL INDIA LEADERSHIP TALK SERIES

By Dr. Anand Deshpande.

On 24 January, Dr. D. Y. Patil institute of Biotechnology and bioinformatics participated in the live leadership talk series headed by Dr. Anand Deshpande.

In a conversation with ET Dr. Anand Deshpande, MD &CEO, Persistent System, tells us about the growth outlook for the remaining quarters and also talks about his strategy and perspective towards the business which showed a growth lower than in previous quarters. Dr. Anand Deshpande is the Founder, Chairman and Managing Director of Persistent Systems since its inception and is responsible for the overall leadership, strategy and management of the Company. As a true technology visionary, Anand's strengths lie in identifying and investing in next-generation technologies and encouraging internal entrepreneurship to ensure that Persistent Systems stays at the forefront of technology innovation. Anand has been the driving force in growing Persistent Systems from its inception in 1990, to the publicly-traded global Company of today. He has been recognized by his alma mater, IIT Kharagpur, as a Distinguished Alumnus in 2012 and by the School of Informatics of Indiana University with the Career Achievement Award in 2007.

This live session with him gave the students an overview of IP business strategies. There were discussions as in how and why the business showed a lower growth. There were even discussions about the future prospects regarding growth of the business in lieu with any further partnerships. It was an enlightening experience. As rightly said by him:

“There is no greater joy than hearing your own prophecies echoed back to you. And the furious circulation of our insights help our cause. The market becomes more aware on the critical paradigms; compelling business needs are better



articulated at the customer's end and we get ample opportunities to prove our design and delivery edge in the new scheme of things.”

(Vanisha Bansal)
Student Reporter
MIT 2nd Year.



MBT Semester IV while attending the webinar.

1.6 National Science Day

2019, February 28.

National Science Day was celebrated on 28th of February 2019 at Dr. D.Y. Patil Biotechnology and Bioinformatics Institute. The program commenced with ribbon cutting ceremony by Dr. J.K. Pal and the chief guest, followed by the exhibition of posters made by the students on the theme 'Science for the people and the people for science'. Students presented mind blowing posters on advances in science and technology, their importance in the well-being of humanity and their adverse effects. Dr. Arvind Goja, Dr. Viniti Vaidya and Dr. Suchi Nagar were the judges for the poster making competition. They marked the students on the basis of the message of the poster, its real life application, and how it was presented. 3rd year student Aarush Bajjal won the first prize in poster making competition for his poster 'Hachimoji DNA'.

Alongside the poster exhibition, the model making competition was being held in which students from various schools took part. Students presented models such as robot cars, bricks manufactured from disposed city waste. Professors from our institute – Mrs. Aarti Kale, Dr. Satish Sasikumar presented their project on Leishmania.

3rd year student Shreya Roy gave a speech on genetic engineering – boon or a bane and later conducted a debate competition judged by Dr. Gunjan Tyagi and Dr. Prakash Nemade. The debate was held in two segments each had 4 teams of 2 members each. 2 teams were for the topic and 2 were against the topic. The topics for the two segments were- 'Is gene editing ushering us into the world of genetic inequality?' and 'Nuclear weapons are necessary for peace'. Each debate segment was followed by a rebuttal session. The winners for the first set were 1st year students Manas Sehgal and Syamantak Mukherjee. The winners for the 2nd set were 1st year students Shruti Katoch and Pratiksha Pawar. Certificates and Cash prizes were given to winners in each category.

The event was successful in generating awareness about the recent advances in science and technology and how does its presence or absence affect our lives. It also gave students an opportunity to learn and showcase their talent.



(Manas Sehgal)
Student reporter
BBT 1st Year



*Opening ceremony of
National Science day by
Prof. N.J. Pawar.*

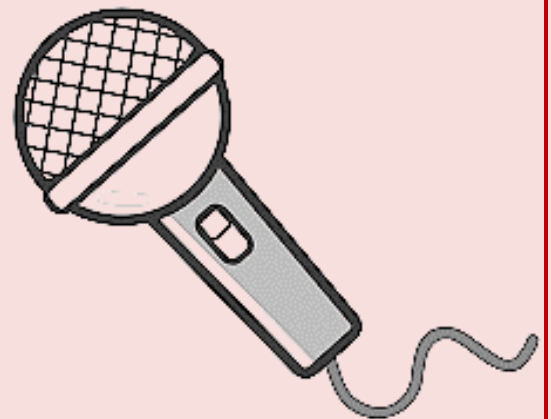




Poster and model presentation by our 2nd year students.



2. Inside-Out (Interview Section)



2.1 Council Interview: General Secretary

Heena Khurana & Naveen Gokarn



[From left to right, Heena Khurana, Naveen Gokarn and Syamantak (Student reporter)]

Q: Hey guys, what's up?

A: Naveen- Just trying to survive the deadly summer and keep up with the schedule

Q: So as you know our college magazine INSIDE-OUT is under processing and is going to be out real soon, I would like to ask you some questions and thereby letting the people get a deeper insight into the council.

A: Heena- Sure, we'll be glad to answer them and hope that the magazine finds success.

Q: How do you feel about getting into the council?

A: Heena- I feel full of responsibilities and whether I have the capabilities to handle several situations or not.

Naveen- (In a baritone voice establishing his seriousness) It does impart and a sense of responsibility and the way you tackle things and abilities like working



with a team, organizing several events, (trying to be cool, bunk classes) and moreover being able to test one's patience and leadership characters.

Q: What do you feel about this newly introduced system of the election?

A: Both in unanimity- It's really nice that a system of election has come into the formation of the council and it gives a clear transparent way of selecting the representatives.

Q: What constructive criticism would you like to suggest for the next elections?

A: Naveen- one most important thing that has to be done is that the candidates or the nominees should get a chance to speak out in front of the students listing out their achievements and qualities and why they think they are capable of holding the position.

Heena- Plus the entire student community will get a chance to build a connection with the nominees and know why to vote and whom to vote.

Q: Now for all the students who wish to take a closer look into this council, what are your responsibilities and how far do you think you have pursued them?

A: Heena- (Naveen doing strange mimicry). Students who are aspiring to be part of the council they should not be there just for the sake of position or importance, it has to come from their hearts and they have to give their best and for the improvement of the students and the college altogether as one

Naveen-(He literally forgot the question and says) Ehhh?

Q: What are your thoughts on the events that take place in the college?

A: Naveen- We have done many new things that are different than what was done last year. So we want to make sure that this council wants to bring many new activities. Not necessarily large scale activities since we have already done pretty well in that aspect. We want to bring more interactive small scale activities which can be done on a regular basis like weekly or monthly club activities or meets.

Heena- These events are the times when everyone come hand in hand to make the same more successful and enjoyable. It gives a chance for all the students to bond and the introverts or the usually submissive students get a chance to bring out their inner talent in front of all. We also get a chance to do a passive



talent hunt kind of thing for the students who will be able to fill in as the future council as well.



Q: Is there anything new that the council is looking forward to introduce, in 2019?

A: Naveen- Our College so far hasn't been associated with any NGO as far as the students go. So hopefully we would like to bring some association with an NGO where we can make donations of food, money, clothes and so far. We would also like to forthcoming some

new changes so that we can bridge the gap among the students and also between the students and the teachers.

Heena- In addition, we would also like to get together with the students and interact about their suggestions and grievances if any so that we can improve and build a better connect.

Q: What has been your inspiration and principles as a council member?

A: Naveen- When I was in school I wasn't allowed by my parents to engage in such activities like the council, sports and so on. For me its first time taking up such a position. So whatever I learn I would give my best. Whatever talent I gain it is all mine, I have not imbibed from school. For me, my inspiration is myself because I have started from nowhere to now being the general secretary and being involved in most of the college activities. I would hence like to give this as an example to the students who haven't really got a chance to get into any kind of activities but have immense capabilities they could express in the future.

(The atmosphere got nostalgic and emotional)

Heena- I have been very active since my very school days. But my biggest inspiration was Deepshee di whom I saw working hard for the council and at the



same time balancing everything. So I thought if she could manage everything why couldn't I and hence here I am now.

Q: Tell us about one good memory that will reside in your heart for the longest of the time.

A: Naveen- (His eyes lit with happiness) Jeet the RITVIZ, the song on which the entire council walked during the fashion show. After working really hard during the cytosoul and then walking on the song became really connecting. Another memory is of the DPU nite. It was our last DPU nite and our hard work really paid off when we received numerous awards as a team for the performances in Urja 2019.

Heena- We managed entire cytosoul in twenty days, this was our biggest achievement. And keeping every little thing in mind and working as several different teams, this was a time when our leadership and management abilities got tested.

Q: A few suggestions that you would like to give to all the students who will give their names for the next council.

A: Naveen- Anyone who thinks who have some quality that can be favorable for the council, they should not be afraid especially those who are submissive. I would really like to point out to the first year students because we have seen a lot of potential in them and would like to request them to get more interactive with the ex and the present council members so that they get familiar with the inside outs of the functioning of the council.

Heena- They should interact more with the teachers and the seniors. The teachers' support and expertise really matter when it comes to managing tough situations and giving a better aspect in how to represent the college in a better way.

Q: One thing you have learned after getting into the council and what is your take home message.

A: Heena- I have learned a lot (Naveen makes crying mimicry to loosen up the emotional Heena) I have learned to work with a team despite having creative or



intellectual differences and trying to bring out the best of myself and test my capabilities.

Naveen- The most important thing I have learned is the way being associated with the entire student community and with the teachers as well. I have learnt to make a better representation of myself and at the same time managing studies and co-curricular activities together.

(Syamantak)
Student Reporter
MIT 1st Year



2.2 Council Interview: Joint General Secretary

Shreya Roy and Arush Baijal



[From left to right, Ritoja Ray (Student reporter), Shreya Roy, Arush Baijal]

Q: How do you feel about getting into the council?

A: Shreya: I feel ecstatic and honored. I am very grateful to be elected into the council.

Arush: I have already been a council member but it feels different this time considering we have been elected by the students. So, there's this thing that keeps playing that now we have to work for the students and for the betterment of our college.

Q: What are your views on this newly introduced system of elections?

A: Shreya: I think the entire concept is very good. The teachers select us on the basis of our capabilities and put us on the forefront. Then, the students vote for us if they see in us the capabilities of a leader. The response we have got this year is very overwhelming and I think this system should continue.



Arush: I feel that the system is great because not only are we being elected because the teachers think we are capable but also because the students want us to. This encourages us more to work for the students.

Q: Any suggestions you would like to give for selecting the next council?

A: Shreya: Yes, before the actual elections take place, there should a proper campaigning session wherein the students can see what the nominated members have to offer. That would be great.

Arush: I also agree that there should be campaigning for the elections from the next time.

Q: What responsibilities do you have to serve as the Joint General Secretaries and how far do you think you have been able to accomplish that?

A: Shreya: As Joint GS, we had to work in coordination with the General Secretaries and overlook all the activities of the council. We had to ensure that the council upholds its unity in all situations.

Arush: We also take charge in the absence of the General Secretaries, and look over the activities of the other council members. Everything has been going on well so far, and we have had a good relationship with all our council members till now.

Q: Do you think council activities often hamper your academics?

A: Shreya: Not really, because when we are elected as council members, we are already aware of our responsibilities and so, it does not feel like a burden. Also, I believe that when you do something you love, then it never feels like a hindrance or a burden.

Arush: I think when we have ourselves come forward for this position, we also should know how to maintain the balance between council work and studies. I have been a council member for two years now and I think this balance is very important. I also believe that college is not only for academics and it's always better when you participate in extra-curricular activities and learn to shoulder responsibilities as these help you grow as a person.

Q: What are your thoughts on the events that take place in our college such as Cytosoul, Urja and National Science Day?



A: Shreya: I think all the cultural, as well as the academic events taking place in the college, play an important part in shaping us and giving us a holistic development. I think the college authorities are doing a fantastic job.

Q: What principles do you follow as a council member and who's your inspiration?

A: Shreya: If you talk about inspiration, there are these two kinds of people who inspired me- the ones who thought I wasn't good enough, and the ones who thought that I was. I would like to thank all those people for pushing me to my limits.

Q: What are some of your best memories as a council member?

A: Arush: There are some really good memories I have, right from performing small duties to organizing Cytosoul, the times when we had to stay in college till 8 or 9 in the night to finish our work. It feels very good to see something you have slogged at for hours finally being put up. Sometimes, the work



feels too much but at the end of the day, these are the memories you take back from your college life. These small moments are what we shall remember and cherish throughout our lives.

Shreya: I have had some really good memories with the decoration team at Cytosoul this year. Even though I am not a very artistic person, I enjoyed being with them so much and I think that is one of the best memories I shall take back with me. It feels really good to see your efforts finally paying off and events that you have worked to become a success.

Q: Lastly, what message would you like to give your juniors who are going to be council members in the future?



A: Arush: The message is simple- go with the flow and do not rush things. It's okay if you are not elected in the council. Your goal should be to work for the college and make memories irrespective of whether you are in the council or not. And if you do become a council member, you should learn to strike a balance between your academics and council work. Also, have patience, show gratitude and make lots of memories.

Shreya: I would like to say that has a lot of courage and realize that you have a lot of potential inside you. You have to push your limits and I am sure that will help you become successful.

(Ritoja Ray)

Student reporter

BBT 1st Year



2.3 Council Interview: Cultural Secretary

Ketki Shukla & Rishabh Dubey



[From left to right, Setu (Student reporter), Ketki Shukla, Rishabh Dubey]

Q: Here with me today I have our cultural secretaries, Rishabh Dubey, and Ketki Shukla. My first question to you guys would be how does it feel to be the cultural secretaries?

A: Rishabh- I feel very good. Like, I feel proud to be a council member and yeah that's it.

Q: And what about you Ketki?

A: Ketki-I feel great. It has been a long process of selection this year. And once you're elected from a majority of people it's a very good feeling.

Q: That's great! So, you both have been in college for a long time. So how has the culture of the college changed over the course of time?



A: Ketki- Every set of the council has set a benchmark for other people and this has been a process of evolution. This year the system of election was introduced.

Q: **So are you guys in favor of this whole process?**

A: Rishabh- Somehow, I like this process because we can elect anyone and it's not solely the faculty's decision and for the first time every person in the college knows the council members. This is the best part of it. A little drawback is that it is possible for people to be selected based on their popularity despite them not being deserving.

Q: **And what would you suggest to overcome this flaw?**

A: Rishabh- There should be more interviews and more concise and accurate answers should be taken from the students appearing for the respective positions.

Q: **You're the cultural secretaries. So, how do you define the culture of a place?**

A: Ketki- See, I think the culture of a place is denoted by the attitude of the people. What you are and how you want to be. Where do you want to put something. For example, the fest. So, you should have a vision and that's how it's going to take you to the end of it.

Q: **You've been in Pune for a few years now. So, I'm pretty sure you're familiar with the culture of the city. So how is our college different from what all goes around in the city?**

A: Ketki- Geographically it's very far. And I think the best thing about our college is that there is a limited number of people so everybody knows everybody. There's not much chaos. Like, there is chaos between the people but there aren't too many to spoil the broth. And there's no communication barrier as such.

Q: **I agree. Now, could you tell me about your roles and responsibilities as cultural secretaries?**

A: RISHABH- First of all, our role is to introduce the college with cultural events like cytosol, fresher's, farewell, etc. Especially, to the fresher's. Then comes cytosol which is the biggest and a grand event and our job is to make it as good as possible and I think we have done a good job this year and I hope we'll do it better next year.



Q: You've been in this position for a few months now. So, what all have you learned and what are your best memories?

A: Ketki- I think the best memory is of the council walk. I really enjoyed that.

Rishabh- We hadn't decided anything and at the last moment we agreed on how we're going to walk but, on the stage, it was all random.

Ketki- it's the most enjoyable part. What people actually think about getting into the council is that it's all about the position but it's not just that. There's a lot of hard work .we didn't even have enough time to set up a pose. So, you don't get time for yourself. You need to keep the event first and then yourself.

Rishabh- Another thing for this position is to keep everybody with you. You cannot lead unless everyone is with you. The main quality of a leader is that you should cooperate with everyone and everyone should cooperate with you.

Q: Do you believe in last-minute preparation because in every event a lot of arrangements are done in the last minutes. So, what are your views on that?

A: Ketki- It's a rush. But the best way to get away with that rush is to keep calm. You will be presented with a variety of issues. You have to listen to everybody but then have to do what you think is best.

Rishabh- The main motto is "*suno sabki karo apni*".

Q: And how does your academics get affected?

A: Ketki-It does get affected because you have to miss a lot of lectures to get stuff. You have to talk to a lot of teachers and get approvals so a lot of lectures are missed and you might get attendance for it but you lose marks. I think you should be capable to compensate it later.

Rishabh- Although it is a kind of loss, it is also very enjoyable because we are in college and we cannot give every moment to studying. We have to enjoy. We have to manage everything. Also being in council we develop other skills like management skills.





Q: Okay. So lately, I want you to share with me what suggestions do you have for the future council members?

A: Rishabh- First tip is that you should be cooperative with all the other council members irrespective of which position they are on. Ask for their opinion before taking any action otherwise,

it will cause a lot of disagreement.

Ketki- Another thing I would like to add is “learn to stand up for yourself”. If you know you’re right, take a stand. And you’re going to face a lot of disagreements but what all matters is how you outgrow that. If you know who you are it will take you to where you want to be.

Rishabh- Ketki wants to say “*kuch toh log kahenge logo ka kaam hai kehna*”.

Setu: Right! It has been great talking to you. Thank you for your time.

(Setu Dambhare)

Student reporter

BBT 2nd Year



2.4 Council Interview: Sports Secretary Unmi Deshpande & Ayush Singh



[From left to right, Shristi Maheshwari (Student reporter), Unmi Deshpande, Ayush Singh]

Q: What is it to be a part of the council?

A: Ayush- First of all we were all very happy, but later on we realized that we have a lot of responsibility on our head and it is not easy. But before taking this challenge in hand we knew it will not be easy we were ready for it.

Q: From our point of view, being a council member is fascinating but being on that post what do you think the reality is?

A: Ayush- It is definitely very different, we think that everything will go smooth, but there were some issues.

Unmi - Things don't go the way you planned, so you have to be prepared to take on the spot decisions and have to figure out another way to tackle it.

Q: What part do you play as a Sports Secretary?



A: Ayush - As sports secretary the most important thing is to keep calm as there are a lot of emotions involved in sports. People who play are attached too much that they get angry during a match so our prior responsibility is to calm them down and in this situation, if we lose our own temper then we can't expect others to work systematically. So we have to make sure that everyone is happy.

Q: This year, what were the changes in the sports field in the college?

A: Unmi- We have a good football and throw-ball team but the basketball team was not so effective in the tournaments so I insured that we'll have practice sessions and that is the big change. And also there are much equipments available now.



Ayush: This year we made sure that our team should not only focus on Urja but also participates in other tournaments so that by the time of Urja our players are trained enough.

Q: In sports event, there are many - on the spot disputes between teams and individuals too, how you manage to handle that and being a leader it is your responsibility to be unbiased, so what's your approach towards it?

A: Ayush- There are a lot of fights going on during the matches so we have to listen to both the teams and

be reasonable to them and take the right unbiased decision. Many time we take a decision against our own friends so we should keep personal and professional matter apart.

Unmi - I believe that what happens in court stays in the court. And we expect others to understand and this is what sportsman spirit is all about.

Q: When sports events are not there what role do you play as a council member?



A: Unmi- Being a part of the council is not just about sports that's why we are a part of council we have to participate in every other event like NSD, symposium, etc. and to help other council members also.

Q: According to you what all qualities a sportsperson should have to become a leader?

A: Ayush - For being a leader you should have good relations with others and good communication skills to make them understand and follow.

Q: What is your good memory as sports secretary?

A: Ayush - Winning the football tournament was the best feeling I had.

Unmi- After winning any sports the faces I saw that was the best feeling. It felt like everything was worth it.

(Shristi Maheshwari)

Student reporter

BBT 2nd Year



2.5 Council Interview: Academic Secretary

Arunima Dhoundiyal & Sudeeksha Tyagi



[From left to right, Manas Sehgal (Student reporter), Arunima Dhoundiyal, Sudeeksha Tyagi]

Q: I had some questions for you guys regarding your tenure as the Academic Secretaries.

A: Sudeeksha- Go on, we are happy to answer any questions that you have.

Q: How do feel about getting into the council?

A: As cliché as this may sound, It just feels so proud to be a part of the student council. It is like we are a part of something more than our regular college life.

Arunima- I totally second that. I am proud to call myself an academic secretary.

Q: What are your feelings about this newly introduced system of elections?

A: Arunima- yeah, it is definitely better, it induces a sense of democracy where the people are choosing responsible people to carry out special duties themselves.



Sudeeksha- yes, I agree that election is much better than selection. The candidate which the students think is best suited for the job by popular vote gets the position.

Q: What would you like to change in the present system of elections?

A: Arunima- I think campaigning would definitely improve and to the democratic aspect, lot of people don't know, as they know by names, but not by faces or how a person actually is, is he/she fit for the job or not.

Sudeeksha- This gives everyone the fair opportunity to showcase their abilities to be chosen and judged accordingly.

Q: Now for the students who want to take a closer look into the council, what are your responsibilities and how do you think you have pursued them?

A: Arunima- See, it's more of a joint effort by all of us. You can't really put an individual question asking what you have done, so basically what we have to do is make sure that students are getting introduced to more opportunities and they are able to figure out what they want after they complete college and we try to get as many activities like conferences, workshops for them to attend. And I think that we've done a pretty much okay-ish job, I can judge only to an extent because we are also new to this.

Q: So what are your thoughts about the events that take part in the college like URJA, CYTOSOUL, Symposium, and National Science Day?

A: Sudeeksha- They are a lot of fun actually. They serve as a welcome change to our normal routines. We get to know more about the college and our colleagues during the course of such events. That is basically how we socialize with our seniors and juniors.

Arunima- exactly, we both actually got to know each other through the council and organizing and being part of events.

Q: Is there anything new that the council is looking forward to introduce, in 2019?

A: Sudeeksha- We are trying to introduce some new clubs for the students, like so that they get more time and opportunities to showcase their talent.

Arunima- As we know, it is a very limited crowd here, so our job is to bring people together as one by the introduction of activity clubs in the college like a writing



club, a readers' club, a photography club. But not really restricted to academics, like in general.

Q: How were you chosen to be the academic secretaries?

A: Arunima- I think we weren't good for anything else that's why. Yeah, if I had a shot of being in the council it was this, otherwise nothing.

Sudeeksha- yeah, exactly the same reason, that's one thing we are good at, I believe. And that is why we stood for being the academic secretaries.

Q: Tell me one good memory that will reside in your heart for the longest of time from the council.

A: Arunima- I probably shouldn't be saying this but when we get the golden opportunity to bunk boring lectures and put up the council as the excuse for it, we sure make a lot of memories during that time. I also like to push people to participate in the events.

Sudeeksha- We are actually working at that time but we find out ways to have fun. I was quite happy with how NSD turned out, we weren't expecting the turn out to be how much it was, and it made us really happy and content with how much it was. It is a very happy feeling for us.

Q: What is the one thing you regret being in the council?

A: Arunima- No not exactly regret, but like some tasks that we get are really annoying and torturing sometimes.

Sudeeksha- yes exactly, like preparing the food coupons, we had to stamp 1000 coupons by hand in half an hour it was a horrible task. I wouldn't like to do that ever again.

Q: What has been your inspirations as a council member?

A: Arunima- we learn every step of the way, we make some mistakes but then we learn from mistakes. We help people and people help us out that's what we learn through the journey. This is our first time doing this and we are trying our best.



Q: Any suggestions for the students that are going to enroll for the council next year?

A: Sudeeksha- Just enroll without thinking about what the future is going to be like, that is an important step and then just have fun through it. Do not overthink, do not take it too seriously.

Arunima- be ready to stay back after college hours, be ready to available on call, and be ready to put in the efforts.

Q: How much money did you guys sneak off of the college event budget?

A: Arunima- We did get a single opportunity to anything like it. We don't get enough money for the things we have to buy, so we cannot even think about sneaking off money from the budget.



Sudeeksha- We try to save as much for the fest but none for us.

**(Manas Sehgal)
Student Reporter
BBT 1st Year**



2.6 Council Interview: Magazine Secretary

Sayali Gade & Vanisha Bansal



[From left to right, Sayali Gade, Vanisha Bansal, Tanvie Gadikar (Student reporter)]

Q: First of all, congratulations to both of you for being elected as the magazine secretaries for this year!

A: Thank you so much! We are really grateful to have been given this opportunity.

Q: How do you feel about getting into the council?

A: It's fortunate enough to get a position into the council. We really need to work hard for this you know, it's not that easy. And people have this notion that the magazine secretaries just have to print a yearly magazine and that's it. But it is not so, we go way beyond that. Half of the people don't even know that the



magazine exists in the first place, we have to start right from there. We're also trying to make all these changes in the magazine and it takes a lot of hard work.

Q: Why did you guys opt for being magazine secretaries in the first place?

A: Vanisha: I had a bit more inclination towards literature that was the main thing that drew me towards being a magazine secretary. The magazine is like a vision of the college, it tells us all about what's going inside. You look at it and you get an idea about the college.

Sayali: Magazine is something that you can always look back to, it's all about the memories. And I always wanted to be the one to help the students catch the essence of their college days and help them store it in some way or the other. Being a magazine secretary, I can easily do that.

Q: How do you feel about the newly introduced election system in the college?

A: Actually what happened with us was spontaneous enough, we had no idea about anything, but then it just happened. However, there was no campaigning. We just went through the process and the results came out. The coming elections though would be held in a proper manner.

Q: What kind of constructive criticism would you like to suggest for the next elections?

A: There should be good campaigning. We need to know who the candidates are, not just their names but all about them. Even after being elected, we've come across people not knowing us. Some of them know our names but not our faces, some of them don't know who we are. So there should be proper campaigning. This way they would at least know who they're voting.

Q: You started as a magazine secretary, you had some agenda about it. What are you improvising this year?

A: Sayali- Our first edition that was proposed by Shivshankar and Kalpashree who were the very first magazine secretaries had set up a goal for us. Not only do we have to reach that goal but we also need to set a new one for the next year. We have to take it higher. We have introduced new sections. There will be articles in different languages, scientific articles, interviews of students. Last time in our inside out segment, we interviewed teachers but this time it's all about students.



Q: What are the responsibilities that you handle as magazine secretaries?

A: Vanisha-The foremost responsibility is to publish a good magazine. Beyond that, we handle all the responsibilities other than that of just a magazine. We are always contributing to the work of the council. We are like their back up, even if we are not in their position they can always count on us. And it goes the other way around as well.

Q: What is that one thing that defines you?

A: Sayali- I am a team member. I am always there. You give me any task, I will get it done. I don't say no to anything. I guess it is a bad thing, but it's difficult for me to say no.

Vanisha- I am cooperative. I try to handle people in bad situations. I am calm and composed and I try to maintain it. When you work with so many people, difference in views is going to be there, so you have to be very patient in dealing with them. And at times like these, getting things done is very difficult which I try my best to do.

We are working together as a team, so we balance our qualities as well. We help each other out and each of us has something to contribute to the team that we are.

Q: What has been your inspiration and what are your principles now that you are a magazine secretary?

A: Our ex-magazine secretaries are whom we draw our inspiration from. Shivshankar and Kalpashree were really hard-working, we can always take advice and suggestions from them. They had to start from scratch, it was tough. Not only magazine but they had contributed a lot in the cultural fest that took place that year. They worked a lot, and that's what inspired me.

Q: What are your views on events that are currently taking place in the college like Cytosoul, Urja, and Symposium?

A: It is something new for us. We are getting a new platform for people who are a little shy, who just need that one push. Like the open mic that was introduced in Cytosoul this year, it really brought new people out and that was the whole point of it. We are getting to know how things work behind the stage, what it takes to bring people together, to make an event happen. These events were just normal ones for us before, but now that we are in the council, we are actually



working on them. So we want them to be a success, we want people to attend too. Normally, we would go home for the holidays, now we stay back and work. This has brought very positive changes in us as well.

Q: What are the memories that you would always cherish?

A: We started doing anchoring together, we met for the first time during the same. And honestly, we were not on good terms at that time. We were almost declared as enemies. Even when we were elected together, teachers told us to keep our issues aside and then work as a team. But now, there's nothing like that, we don't have any hard feelings towards each other. We work together and we enjoy doing it. That would be the most cherished memory because I never expected we'd be working together on such good terms.

Q: What would you want to introduce to the council next year?

A: We need more participation. You need to work hard and start taking everything very seriously. The events are getting better every year, so you need to work on yours as well. Every person has a new vision. When you're elected for some post, you think on how you can do better than the last one.

Q: What would you suggest for the people who are thinking about getting into the council next year?

A: You need to be enthusiastic, cooperative. You need to keep your ego aside. There should be a good teamwork. It shouldn't be like that a cultural secretary has to handle the cultural events only. Everyone is to help everyone. It's your college, your council, you need to lead. There should be coordination. You need to keep your personal grudges aside when you're working professionally.

Q: What is the most fun thing about being in a council?

A: Council is like a family. When we discuss things, you won't find us serious all the time. It's fun working together. To see, how people get ideas suddenly out of nowhere. You are leading people, they know you and you get to know new people. Getting so many things done in such a short time and seeing those things actually work, it's fun.

Q: What is something that you learned after getting into the council?

A: You need patience. You need to work with the team. You don't get breaks every time, you have to be on a run. There are events where we have major participation mainly because we have to tell others to participate. We have to



evoke that thing, that excitement in them that would make them come. You change as a student too, you become responsible. We are very rebellious sometimes, we have learned to take stand for what is wrong. We get to know the problems that are going on with both, the teachers and the students. We've seen our views change, for good.

(Tanvie Gadikar)

Student Reporter

BBT 2nd Year



2.7 Council Interview: Placement Cell

Siddharth Doshi, Gargi Andhare, Anushree Srivastava & Shubham Khandelwal



[From left to right, Anushree Srivastava, Shubham Khandelwal, Gargi Andhare, Manjiri Salodkar (Student reporter), Siddharth Doshi]

Q: How do you feel about getting into council?

A: Gargi Andhare: I am honored to be a part of the Student Council. Our Placement Cell has been established for the first time this year so being one of the first Placement Secretaries, is a great feeling. As it's said that great things come with great responsibilities, I will strive to work hard and fulfill people's expectations.

Q: What do you feel about this newly introduced system of the election?

A: Siddharth Doshi: This newly introduced system helps the representative to be more responsible and tackle the work with patience. In this system, representatives have been chosen by members of the college. So, I am happy to have such a system in our college.

Q: What constructive criticism would you like to suggest for the next elections.



A: Anushree Srivastava: Elections must be done in an unbiased manner keeping grudges aside, the ones who are deserving and fit for different positions present in a council and are efficient enough to manage not only responsibilities of their position but also help other members of the council to get things done in due time.

Q: Now for all the students who want to take a closer look into this council, what are your responsibilities and how far do you think you have pursued them.

A: Gargi Andhare: Our main responsibility is to help students get placements. We have bifurcated them into 2 major categories on the basis of their preferences as to what they want to do in future, whether they want to apply for the campus placements or go abroad for higher studies. We are also helping students to get their SIPs. We have data of approximately 800 alumni students and our aim is to build a better 'connect' between our students and the alumni. Basically what we aim is to serve a platform where the people from industry and fresher's can interact, get help and then make their decisions about their careers. Under the guidance of Dr. Supriya Kore, we are trying our best to reach out to everybody and help them to get closer to their dreams.

Q: What are your thoughts on the events that take place in the college, the general assembly, Cytosol, Urja, National Science Day and Symposium?

A: Anushree Srivastava: Events that are conducted in college usually enhance skills, help in bringing out the talent of students making them confident and also refreshing them. Events like National Science Day help students in developing creative ideas, enhancing their scientific approach. Events like cytosol are a great source of entertainment and also encourages students to showcase their talents, providing them platforms.

Q: Is there anything new that council is looking forward to introduce, in 2019?

A: Siddharth Doshi: Council team are in a peculiar stage where we are looking forward to so many things. Any idea or thought just can't be



implemented we council members do concern that this new idea will help our college students. This is what I can answer to your questions at this moment.

Q: What has been your inspiration and principles as a council member?

A: Shubham Khandelwal: Stars can't shine without darkness, and for me, inspiration is that darkness which can make you a star. In one's life, a single person can be ideal for being inspired. But I'm not inspired by one person. There are so many people around who make me inspired. A coin has two sides- a head and a tail similarly a person has its two sides- negative or positive. So, be the one to find the positivity from the negative side, not the



one to find negativity from the positive side because the darkness always ends with the rising sun.

Q: Tell us about one good memory that will

reside in your heart for the longest of the time.

A: Shubham Khandelwal: So, memories are those beautiful moments that can't be purchased with money. One of my good memory is when I became a part of Student Council-2019. I felt very proud and was curious to learn new things in different circumstances or situations. That day I realized these small things are the keys that always fits into the lock of happiness. Some memories are always special and they should always be cherished.

Q: A few suggestions that you would like to give to all the students who will give their names for the next council.

A: Gargi Andhare: Good things happen at the edge of your comfort zone. Don't be shy to have a different voice or an opinion. Don't form any



prejudice about yourself that you lack in fields where others can excel. The only thing you need to do is appear for the interview. Results may not always be in your favor, but you will at least be satisfied that you tried. It might seem a bit difficult in the beginning, but trust me, with time things get better. I feel it's the best opportunity anybody can get and one must grab it with both hands.

Q: One thing you have learned after getting into the council and what is your take home message.

A: Siddharth Doshi: We learn many things when we face different situations or circumstances. Out of many, one thing which I would like to share is that each and every council member is like a family and are always ready to help. They are always ready to help you. This what I have learned, "Help others, irrespective of your personal interest. Being selfish would not take us to a long way."

(Manjiri Salodkar)

Student Reporter

MBT 3rd Year



2.8 Project Student's Interview: Faiz Ali Shaikh (BBT 4th Year)

“Rise above the storm and you will find the sunshine”, is what our ex-Joint General Secretary Master Faiz Ali Shaikh believes. When talked about his experience in this institute as a student and now as a research student this is what we found out about this very fun and jolly person. So without wasting much time let's get into the interview.



Q: Kindly introduce yourself.

A: So Hey, I'm Faiz Ali Shaikh, a 4th year B.Tech biotechnology student. Being a social butterfly I gel up with people really well. I love making friends and saying this I believe 'If friendship is your weakest point then you are the strongest person in the world.' As for me my weakness and my strength both lie in my friends. Apart from being a student, I am a sports freak too and enjoy playing every sport especially Cricket which has my heart. Touring

around I like exploring places with my best friend and that's my bike. Ending with I m a very outgoing and happy person altogether.

Q: Who are you currently working under and kindly brief us about your project.

A: I'm currently working under one of our most talented faculty that is Dr. Soumya Basu ma'am. We are working on this very interesting topic which is the

ENIGMA Volume 2.0



Expression of PPAR gamma- receptor inhibition. This is related to the PPAR Gamma Agonists and Antagonists- Anticancer research. We are focusing and emphasizing more on the lung cancer part and its treatment.

Q: How was your graduation experience?

A: The experience was altogether a very good one as I met a lot of new people and got to learn a lot more things from every person out there. Being an average student I did enjoy studying also. I was a sensible kid and that's the reason maybe things didn't seem that hard. After some time everyone got along really well and moreover, we all became a family. For us, it was "Home away from Home".

The teachers and the entire staff was way too helpful which made our graduation days extremely fun and worth living, also giving us the knowledge which was the prime motive. Lastly, I would like to end by saying '**Graduation is not the end; it is just the beginning of a whole new life.**'

Q: What has been your approach strategy for this project?

A: I wanted to explore this field more and wished to gain some research experience in it. But due to the situations at that point of time every faculty had their kids who were supposed to gain the required knowledge and experience under them and to the matter of fact I had no option left. Thanking my stars I got to know that Soumya ma'am was up for taking me in and that's how the journey of my project initially began. And now I have developed this keen interest in my own project for which I would like to thank Dr. Soumya Basu for being such an amazing guide and mentor.

Q: Has this always been your subject of interest?

A: To be honest, NO! I always dreamt of being an MBBS or MD student but due to some circumstances couldn't be one. It's not like I don't like this field but didn't plan to land here ever. I have always been more inclined towards cars and bikes and I'm still interested to explore this part of my interest. Talking about right now how my life has turned out to be after stepping in this field and especially in this college I'm extremely happy and enjoying every bit of it. I always have trusted this quote which says "**Stay true to yourself, yet always be open to learning**"

Q: What are your future plans?



A: The future plans are a surprise for me too as I'm planning to get into THE NATIONAL GEOGRAPHIC CHANNEL. It has always been my dream and I'm extremely excited to pursue it after my research is done. It was a very pre-decided plan and to start with I would like to go to Delhi to give a start to my dream. Hoping things work out in my favor and I end up getting where I always hoped I will be.

Q: What advice will you give to our students who wants to pursue their dissertations/ research projects?

A: Just enjoy the work you are doing. Adopt the research topic of your own interest and give your best to it. Don't force yourself for things which aren't your cup of tea. Work hard and believe in your work and you would surely get the



fruit. The road is hard and there would be a lot more difficulties but try to focus and be determined and you'll get through it. I would advise you to do your research work in this college itself as the environment is much friendly and comfortable and the teachers are way too helpful and they understand your potential

and help you pursue your project, adding to which it is not much of a hectic job as everything would be easily available and would be much time saving. To end with I would like to say **“You will get there, but only if you keep going.”**

With this, we ended this fun and much more learning conversation with our beloved Ex-General Secretary. I was extremely taken aback with the way he was with us during this interview and how involved and attentive he was while answering our questions and unfolding our curiosities. After this amazing talk, we would like to thank Master Faiz Ali Khan for being so supportive and energetic throughout this interview and for getting some time out from his busy schedule and for sharing his experiences and we would wish all the luck to him and hope that he accomplishes all he always wanted!



I would also like to Thank Miss Sayali Gade for giving me this opportunity and everyone who helped complete this interview. I would like to end by saying,

“Find something you love to do, and you will never have to work a day in your life.”

(Riddhi Kardile)
Student Reporter
MBT 1st Year



2.9 Project Student's Interview: Pranjali Karkera (BBT 4th Year)

Q: Introduce yourself.

A: Hi I am Pranjali Karkera. I am currently a final year B.Tech Biotechnology student at Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune.

Q: Who are you currently working under and brief us about your project.



A: Well I am currently working at Novozymes India at their Bangalore office, and I'm working under Mr. Sanket Prabhu and Ms. Bhavya S N in the food and nutrition department. My project is related to lactose intolerance and developing lactose-free products.

Q: How was your graduation experience?

A: Well, I have not graduated yet, I am still in my last semester. But I can add that it was a great learning experience. Never have I enjoyed studying more in my life than in these 4 years of college.

Q: Has this always been your subject of interest?

A: Actually no, I wanted to pursue medicine as my career. Nevertheless, I have always had an inclination for biology and biotechnology is after all an extension of it. So, that seemed to be an obvious choice. And I have thoroughly enjoyed studying this subject.

Q: What has been your approach strategy?

A: My approach strategy is that I have never had any strategy as such. I have always been spontaneous, trying to make the best of whatever opportunities life



has offered. Never regret anything. And give your best shot to whatever you are doing. Rest of it will work out.

Q: What are your future plans?

A: As I mentioned earlier, I am not someone who will think so much about the future. But all said and done, I plan to pursue an MBA and work for a biotechnology or life-sciences company.

Q: What advice will you give to students who want to pursue their dissertation/research?

A: I myself am a student, so I don't think I can advise other students as such. I can share my experiences though. One of the most important things that I have



learned is that don't be rigid in your approach. My interest was in immunology, but now for my dissertation, I am working in food and nutrition. The good part is I find my current work interesting as well. So be flexible in your approach. If you don't get something of your choice, don't be disheartened, study the topic well, generate interest...even if there was none initially and always have the curiosity to learn something new. The more you read, the more you will realize that there is so much to learn. And always enjoy the process.

Q: How did it feel like winning the National Level Public Speaking Contest.?

A: Surreal. It feels absolutely great. It's a validation of all the efforts that have gone into the preparation. And it was not just my efforts but of the Institute and all the Professors as well. This win is proof that we have the capability to compete and even succeed at a national level.

Q: What has always kept you so determined?

A: It's a myth actually. Even the most determined people will have their moments of doubt and tiredness. But they keep working through it, anxious and unsure about what is going to happen but still working through it. It's the same with me, there were so many competitions I participated in the first and second year



where I didn't end up winning. But it is fine. I have always enjoyed participating, irrespective of the outcome. Learn new skills. Put in the efforts. Enjoy the process. This experience itself will be so rewarding that the actual win will come as a bonus.

Q: Other than academics what is it that you pursue as your passion? What are your hobbies?

A: I like reading. I am a voracious reader. I read fiction extensively. Jhumpa Lahiri, Anuja Chauhan, Amish Tripathi, and Khaleed Hosseini are some of my favorite authors. And one other hobby I have developed recently is cooking. I like to cook. I find it relaxing. It's a small change but having significant impacts.

Q: And any special remarks about the college, teaching or the overall view for our juniors to keep in mind.

A: It is because of all the opportunities and the endless support provided by the Director and the Professors that these national level wins were possible. I didn't enter the college as this confident self that I am today. It is the institute and the experiences in college which have honed me. I will forever be grateful to them. To the juniors I would like to say that our faculty has immense experience, they are all very good at what they do, so try to make the most of it. Don't hesitate to talk to them, discuss your doubts, your ideas freely with them. Keep on participating in events, apart from academics as well. Enjoy your college life. And work hard as much as you can. This is the time to slog. And when things don't work out, don't be disheartened. Be rest assured your hard work will pay off someday.

(Shravani Kedar)

Student Reporter

BBT 1st Year



2.10 Project Student's Interview:

Shruti Sharma M.Sc. 2nd Year



[From left to right, Shruti Sharma, Hritika (Student Reporter)]

Q: kindly introduce yourself.

A: Hey, I'm Shruti Sharma, a 2nd year MSc. Biotechnology student. Basically, I'm a bibliophile. I love branching out and enjoying different kinds of genres of books. To your surprise, I've made my own food blog too. My favorite hobby is pretty simple and I'm sure that everybody does it. It is listening to music. Apart from that PUBG has become my treasured interest nowadays. Overall, I'm a mirthful person who remains in his own world.

Q: Who are you currently working under and kindly brief us about your project?

A: I'm currently working under one of our extremely talented faculty Dr. Viniti Vaidya. I'm working on how we can increase the antioxidant properties of pineapple juice using biopolymers such as Inulin. According to some research papers, it has been found that the antioxidant activity of pineapple is quite less as compared to other fruit juices. So basically I analyzed the antioxidant properties of pure pineapple juice, as well as I prepared another set of pineapple juices having different concentrations of inulin, to check whether the antioxidant



activity of pineapple juice is increasing or not. I took Ascorbic acid as a reference in it. Antioxidant-rich fruits help to prevent the cell from damage caused by free radicals.

Q: How was your graduation experience?

A: I gained invaluable experience as a student researcher, I have also developed strong interpersonal and communication skills. The position I received allowed me to apply my knowledge in a hands on setting while working towards the goal of optimizing and enhancing current protocols. Well I got the golden opportunity to work under the guidance of superlative faculty Dr. Vinita Vaidya whose constant support and venerated efforts helped me to understand



the core concept behind my project. The major part of my experiences during this journey were my loved ones my friends. All the sweet remembrances of them will always turn up a huge smile on my face. A heartfelt thanks would less for their being with me for the clock of these 2 years.

Q: What has been your approach strategy for this project?

A: A research approach can be divided into three types – Deductive research approach, inductive research approach and abductive research approach. Deductive research approach is a process of reasoning from two or more statements /hypothesis and to reach a logically certain conclusion. Inductive research approach is the generation of new theory based on the old sources whereas abductive research approach means considering all the surprising facts in a research and a full devoted explanation to it. I majorly followed these strategies to present an analytical project.



Q: Has this always been your subject of interest.

A: YES, food technology has always been my keen interest. What fascinated me about the subject was the scientific disciplines including chemistry, engineering, microbiology and nutrition to the study of food to improve its safety, nutrition, wholesomeness, and availability of food. The creation of new flavors, colors or varieties of existing products and /or the creation of entirely new product along with the quality assurance and quality control and food regulation is what we assimilate under the subject. Biotechnology is not a white coat laboratory drug developing job. There are so many other opportunities out there. You can start with a B.Sc. Bachelor's degree and step by step go further up. Coming to food technology, there are several career options like food technologist, Nutritional therapist, regulatory affairs officer and technical brewer, etc.

Q: What are your future plans?

A: Currently, I have been chosen as a research and data analyst in “Prophecy Market Insights” company. So my future plans are to work over there as a full time employee for now.

Q: what advice will you give to students who want to pursue their dissertations / research projects?

A: There is a quote by Rumi “Let the beauty of what you love be what you do.” So I would like to tell my every fellow friend to find rejoice in your work. And second, do have a research question in your mind that's way more important. Schedule! Manage and schedule your project with a scientific approach and remain occupied with the extra information about your own work. This is what I learned during the passage. Wikipedia is a great place to start brooding your search – spend some time searching for keywords related to your topic and following their suggested resource. At last, consider yourself as a source of positive energy.

(Hritika Pandita)

Student reporter

MBT 1st Year



2.11 Project Student's Interview: Darshan Pagote (Alumni)

Q: Introduce Yourself.

A: Hi, I am Darshan Pagote, basically from Nagpur and have completed B.Tech. Biotechnology. I'm easy going person with loads of positive attitude which I think adds to my strengths, with this I like challenges too. My hobbies are being involved in cricket, cooking and eating, gardening and being a Big SRK fan, a little bit into movies watching too. I'm an enthusiast who liked taking part in every activity happening in college be it sports, arts or academics.



Q: Who are you currently working under (under whom you worked), and brief us about your project?

A: I worked Under Dr. Rajesh Kumar Gupta sir in Protein Biochemistry Lab. And I worked on plant lectins, their extraction, and characterization.

Q: How was your graduation experience?

A: It was a really nice journey. Spending four years in this institute has helped me grow in various aspects as this plays an imp role in life, be it on academics front, jobs or in our personal own. Being away from family, every hosteller has to face many issues, but then overcoming them gave different pleasure. I made friends and they are family now. As biotechnologist we have to work on small-small things or in our terms 'milli-micro-nano', the same is applicable in our life too, nothing should be taken for granted. In last semester, during the project, got to experience that if you work hard, things will fall to their places and if you are working with Rajesh Sir, working hard is an only good option.



In Short, a nice experience as it had fun, friends, and most important: Study too.

Q: Has this always been your subject of interest?

A: After 12th, I wished to become a doctor so tried medical twice and then landed up here. Then decided to do something related with biology-chemistry plus you need to think about future earnings too, so B.Tech was a good option then. In four years, got to know and understand biotech is really very interesting as well as it's our future too.

Q: What has been your approach strategy?

A: As an undergrad, you aren't aware of these things or approaches to carry out, so one has to listen and follow faculty and seniors at times. I believed and followed guide / faculty and at times with own improvisation or as in our language 'jugaad'.

Q: What are your Future Plans?

A: Since childhood, I wanted to become a civil servant and serve society and now preparing for same. Now you'll ask, why B.Tech biotech, it was out interest in subject and as I said earlier, one needs a certain stage from where he can earn a bit But m sure, the practice which we follow here of keeping check on minute of the things, similarly I would like to keep an eye on things in society to make it bigger and one beautiful picture, So UPSC.

Q: What advice will you give to students who want to pursue their dissertations/research projects?

A: Our field needs patience and if one is lacking in it, projects will teach you. It basically requires a little extra work as timings are important for processes, so one should be prepared for going that extra mile. One should also trust the guide. Hard Work, Disciplined sincerity mingling with seriousness, will surely pave the way for success.

(Bhakti Patil)

Student Reporter

BBT 2nd Year



2.12 Junior Research Fellow (JRF)

Interview:

Ms. Priti Yewale

Q: Introduce yourself.

A: I am Priti Yewale, a junior research fellow at DYPBBI and I am working for a DBT (Department of Biotechnology) funded project which includes the screening of 20,000 microorganisms for industrial work.



[From left to right, Priti Yewale, Sakshi (Student reporter)]

Q: Who are you currently working under, and brief us about your project.

A: I am currently working under Dr. Neelu Nawani who works in Microbial Diversity Research Centre.

The project is for 2 years and it aims at screening microorganisms for industrial products. The project is one of the biggest projects recently in biotechnology field in collaboration with the industry Praj matrix. The project connects industries and academy.

Q: How was graduation experience?

A: I pursued my graduation from Pune University and it has been great. During graduation, I got training at Orebro University, Sweden for a one and half month. I was also awarded “Gandhian technology award” in 2018 by the president. I



also worked for a Swedish funded government project which aimed at discovering antibiotic resistance in different bacteria.

Q: Has this always been your subject of interest?

A: From an earlier age, I had a keen interest in genetics and always had a passion for learning about the sole mechanisms and biological structures that make every organism so different. I didn't think of it as a career goal earlier but the passion for learning kept me going

Q: What has been your approach strategy?

A: After high school, I pursued my bachelors in biotechnology from Pune University and qualified GATE exam and then pursued my masters in biotechnology from the same university. I did training in Sweden and also worked for a Swedish project. For the past three years, I have been working with DYPBBI and currently working on a DBT project as a junior research fellow.

Q: What are future plans?

A: My future plans include finding more projects in R & D sector and finding work in the environmental department. The future projects would be more application orientated and benefits for society.

Q: What advice will you give to students who want to pursue their dissertations/research projects?

A: The students pursuing their dissertations/research should pick a topic/research work they are really passionate about. The students should show a keen interest in reading various journals and research papers as it helps in writing a thesis.

(Sakshi Chouhan)

Student Reporter

1st Year



2.13 Project Student's Interview:

Sinchana Seethamma

'The biggest adventure you can take is to live the life of your dreams,' is what we have learnt from our beloved senior and ex Sports Secretary Miss Sinchana Seethamma. While having a fun conversation with her this is what we got to know about this very hardworking and dedicated student of our college. So without any further do let's dive into this amazing interview.



Q: Hello this is Riddhi and I would like to start by asking you to kindly introduce yourself.

A: So hey, this is Seethamma, doing a dissertation in MSc Final year project. To start we believe it or not Biotechnology was my passion and thus while choosing it this field it didn't make me think twice. Other than that I am very friendly and risk-taking person as I believe **'If you are not willing to take risk the unusual, you will have to settle for ordinary,'** and being ordinary in this world in this century won't take us anywhere close to our dream. Moreover, I'm mostly into sports and social work which gives me a chance to show who I really am. I have also given my entrance exams in various fields and also have got jobs in railway. The reason I'm here is my passion for this particular field and I have fought my way out to be here. So I would end by



saying that if you want anything in your life and you are passionate about it kindly just be focused and determined about it to get it.

Q: That is so amazing and surely you are a blessing for this institute moving on who are you currently working under and please brief us with your project.

A: I am working under our extremely talented teacher Dr. Nilesh Sharma. I'm actually coding on cancer biology so working for colorectal cancer. Cancer being a leading cause of deaths we are trying to work for its cure and trying to work in favor of colloidal cancer recovery.

Q: How was your graduation experience?



A: It was hella crazy one! I believe 'When you embark for strange places don't leave any of yourself safely at the shore...Have the nerve to go into unexplored territory.' Everyone says school and junior college days are more fun and the best moments of someone's life but I do include my graduation days to in it. I got another family here during my graduation days and I'm

extremely blessed to have this and to experience these days of my life. I can never forget these days of my life as we have done so many things during these days and to be honest, graduation as given a platform to explore who I really am. During these days I have got to know my aspects of interests and I really enjoyed being in every activity be it dance or sports or NCC and also studies as well! So yes these days can't be forgotten anytime in the near future. I would surely treasure them for the rest of my life.

Q: Truly I too wish to have such amazing and fun graduation days. Well has biotechnology always been your subject of interest?



A: Yes, as mentioned early, I really was passionate about this field and getting to explore it was a dream which has come true now.

Q: What was your approach strategy for this project?

A: There is a subject called ONCOLOGY. When I got to know about this term it really fast caught my attention and I got way too much involved to know what exactly happens in our body and how does it work. So in order to learn more I opted for cancer treatment and thus ended up here to research it. I always wanted to help people with cancer treatment even though we all know there are treatments like chemotherapy which in turn are way heavy and costly too so I just want to find a drug for all the cancer patients which is way more effective and budget friendly too. Ending it with I always carry this in my mind **'We rise by lifting others.'**

Q: What are your future plans?

A: Firstly I have got my interview lined up. More specifically I have got my Defense interview in the first week of July which I clear hopefully and be a proud part of Indian Defense Army being the lieutenant for our Indian army.

Q: We wish you all the luck of the world. What message would you want to give to our future students who want to explore the research factor?

A: Starting with I would like to tell everyone it's not compulsory to follow what orders are doing. If research is your passion and you are really interested to do it then only go ahead and pursue it or else don't. It is more of a thing of interest and passion with hard work and determination. If you can give all you got and the proper time to it then only go for it. I would like to advise you with **'Passion is energy. Feel the power that comes from focusing on what excites you.'**

Q: Thank you for such helpful advice. Moving ahead we all know that you were the sports secretary, so what chances have you bought regarding sports in our college?

A: Before being the sports secretary the one thing I noticed was that not much of people were into sports early. A limited repeating bunch of people used to represent our college and used to play. After taking up the responsibility I first of made sure that more and more students participate in sports and take interest to find how capable they are. The main motive was to bring more thrill and enthusiasm in students. I tried to convey that not only studying for all the hours you come to the college is sufficient you need to take active part in different fields



and try to be more energetic. Moving on eventually our college didn't have much accessories regarding sports so I and my co-partner made it a point to bring in all the possible and required things, that would be helpful for every sports person our college. Today biotechnology department is also known college wide and people do appreciate the work we have been showing in recent years regarding every field including sports. Lastly, I would like to thank everyone would make it possible to bring so many changes.

Q: That is so impressive and we would like to thank you for the same. Well everyone knows that you are the SPORTS PERSON at the college, how do you feel about it?

A: I feel extremely happy and blithe. Doing masters and still getting a chance to be the sports secretary is one heck of a thing honestly. I have really tried my best to manage and balance both my duties of being a sports secretary and a student. Being a master's student it is more of work and study pressure and moreover you only have to study all day. Even most of the people around me asked me whether is it necessary to be a sports secretary even when you are finishing your masters? Well to break this stereotype, I took this as a challenge and hopefully I stood by my expectations as well as everyone else's. I made it a point to manage and balance everything because I always believed '**Balance is not something you find, it is something you create.**'

Q: That is so inspiring. Well you have created and carried forward the legacy of winning in Urjja. So how was your Urjja experience this year?

A: First of all thank you. The experience was good but this year we didn't do according to what was expected. Last year we did win all the sports events by standing first and bring the glory to our college. This year except for throw ball for now, I guess we have been standing runners up. I feel disappointed but I'm sure we will come back more strong in the coming years.

Q: Yes we will come back strong and we as juniors promise to bring the title back home. What do you expect from this institute as a sports person?

A: There is not much as expected but I do wish we had more of faculty support. Agreeing to the fact that the support has increased since the past but still I wish we could get more of it. The kind of motivation we get in studies I wish we get that in our different activities apart from studies. Getting to know that your faculty is there to support you at any time with everything when you come back from



any additional sports event of the college it keeps you more focused and determined about it.

Q: Lastly what message would you like to give the student aiming for sports?

A: I would just say one thing if you are willing to do it go for it and I can assure you that everything will start falling in place if and only if you are interested and determined about the same. Ending with **'People with great passion can make impossible happen.'**

With this, we ended this most amazing and interesting interview with Miss Seethamma. I was so impressed by the interest she showed even after being busy and the amount of energy and positivity that was spread around by her presence. We would like to thank Miss Seethamma Sinchana for taking out some time from her busy schedule and giving this fabulous interview. We wish her all the success and best wishes for her future endeavors and thank her for being a part of this interview and we surely are proud and blessed to have such a great senior amongst us. I would also like to thank Miss Sayali Gade and Miss Vanisha Bansal for giving me this opportunity and everyone who were present and helped during this interview. I would end by saying,

'The secret of change is to focus all your energy, not on fighting the old, but on building the new.'

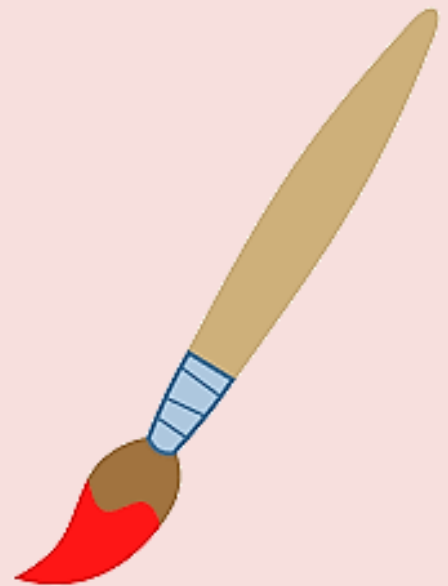
(Riddhi Umesh Kardile)

Student Reporter

MBT 1st Year



3. *Creative Corner:* *(Part 1)*





To believe or not to believe!

It's a choice. It's a choice, if we let it be.

According to me, I have reasons to believe in things. What makes me stand up for something, is because of all that I have experienced.

Situations, incidents came to me that way. Basically, things that messed me up, all that I didn't understand, or maybe the way I took things, overcame problems, realized my

mistakes and felt confident about my plus points, has made me the person I am today.

Similarly, others can have their own perspectives about life, what they believe in and what they don't.

It might also be a point of strength and weakness.

After all, it's all about the faith. It's not about everything turning out okay, but about being okay no matter how things turn out. It's about being courageous. Courage with right thoughts gives contentment eventually giving happiness and well-being.

But, in the present world, we tend to force our thoughts, experiences and interpretations on people.

We pressurize them to listen, or else it becomes a point of life or death.

So, let people be and make their own choices. Let them decide, whether to believe or not to believe!

-Manjiri Salodkar MBT 3rd Year

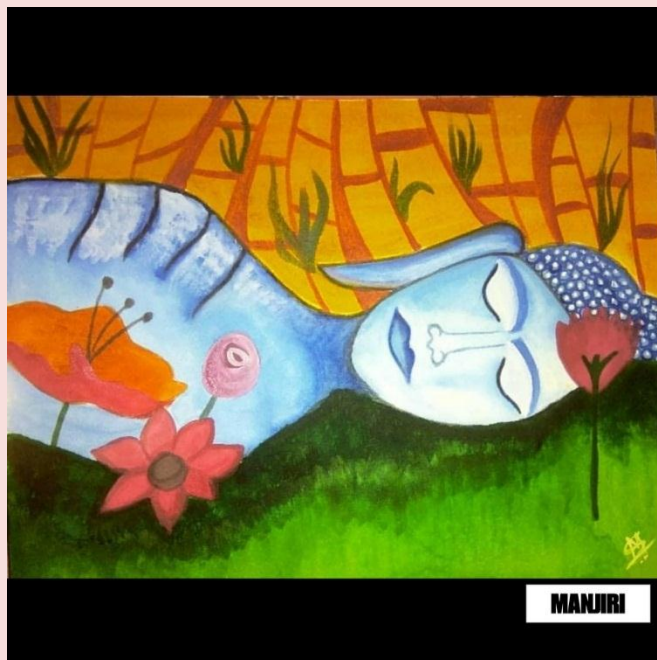




ॐ नमः शिवाय ।

Om Namah Shivaya

Meaning: 'I bow to Shiva. Shiva is the supreme reality, the inner Self. It is the name given to consciousness that dwells in all.'



"No one saves us but ourselves. No one can and no one may. We ourselves must walk the path."

- *Buddha*



“Art enables us to find ourselves and lose ourselves at the same time.”

–Thomas Merton



Keep
calm
and
conjur
patronus



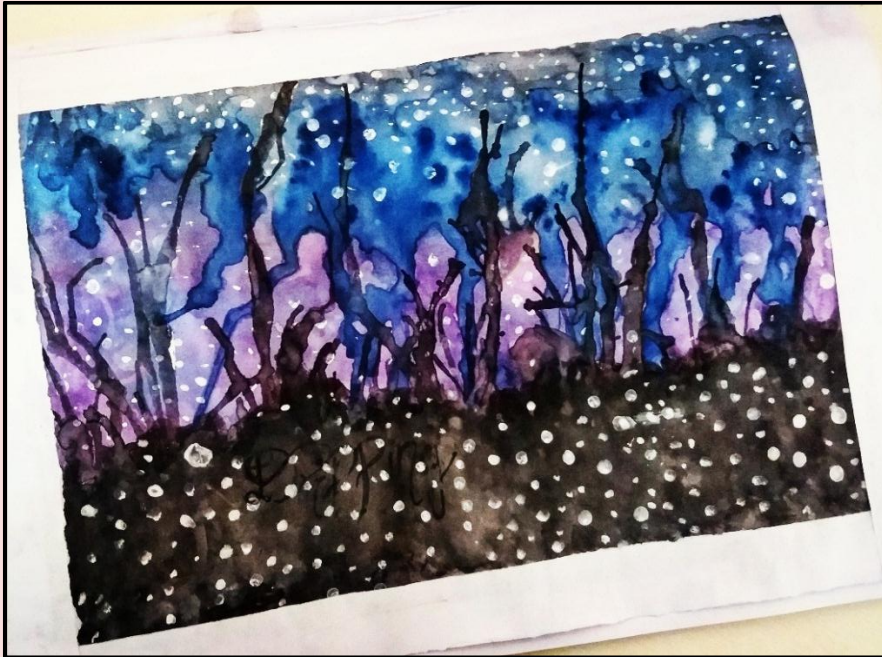


-Paintings by
Suchismita Dhar MBT 1st
Year



**“Creativity takes courage”
-Henri Matisse**





*"Flowers don't worry about how they're going to bloom. They just open up and turn toward the light and that makes them beautiful."
- Jim Carrey*

**-Paintings by Sharvari Saraf
MBT 1st Year.**

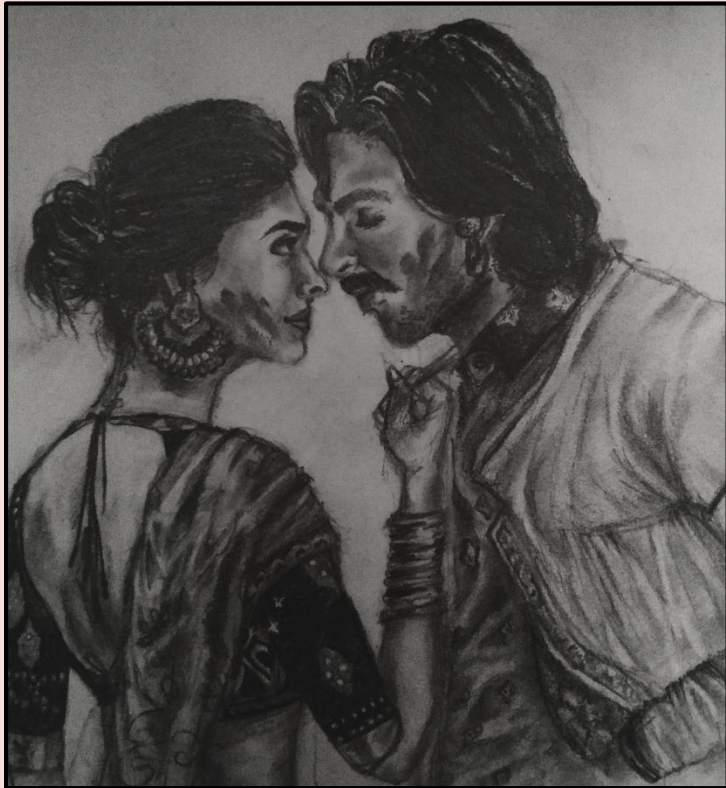


“A sketch is just a mini movie” -Jim Rash



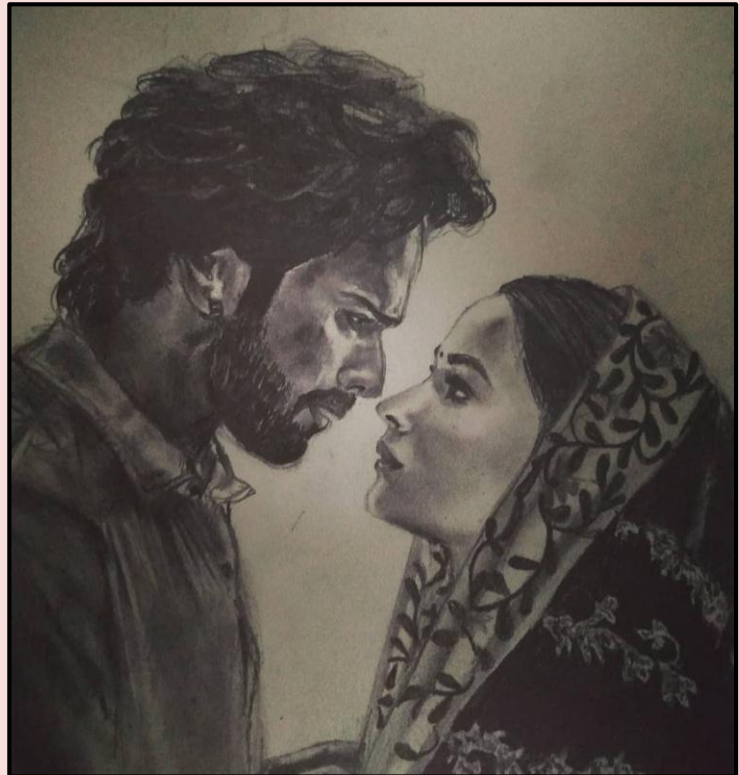
Some stills from the movie “Padmaavat”.





"One must always draw, draw with the eyes, when one cannot draw with a pencil"

-Balthus



**-Sketches by Shravani
Kedar BBT 1st Year**

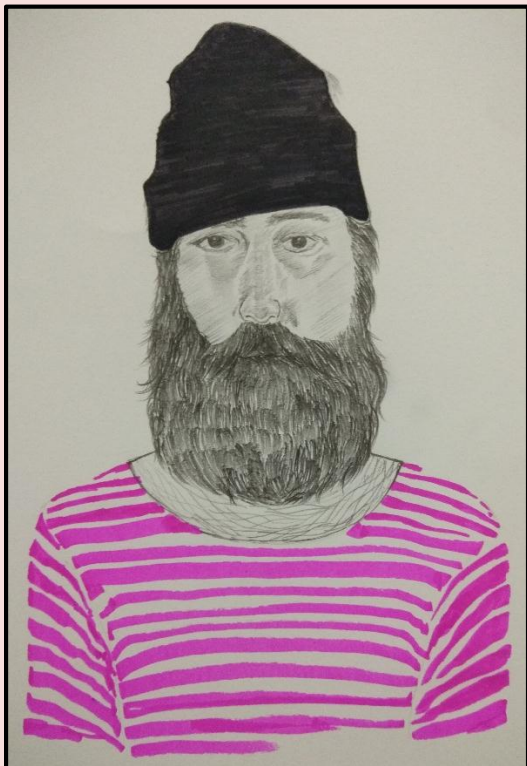


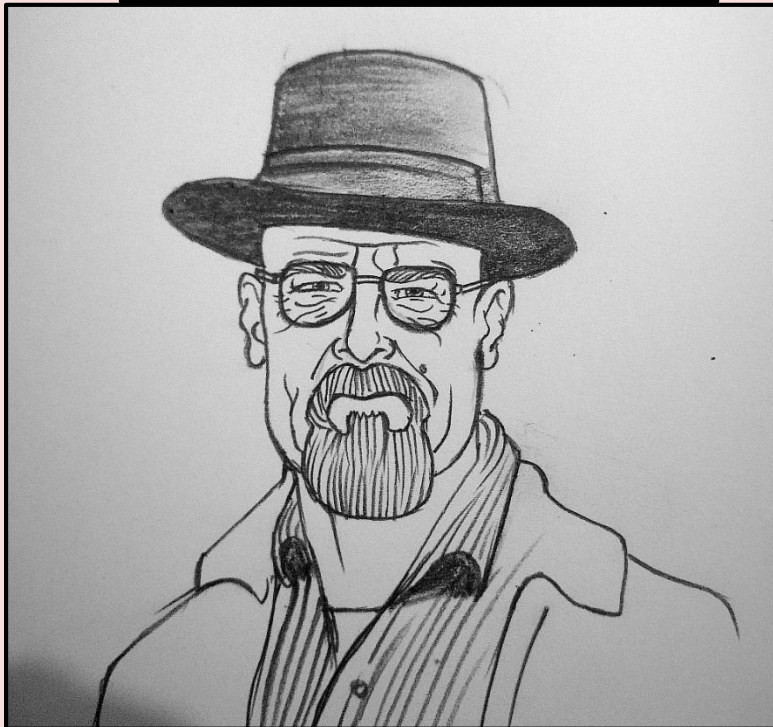
"Drawing is vision on paper."
-Andrew Loomis



**A lion sleeps
in the heart
of every
brave man.**

**-Turkish
Proverb**





“You don’t have to control your thoughts. You just have to stop letting them control you.”
– Dan Millman





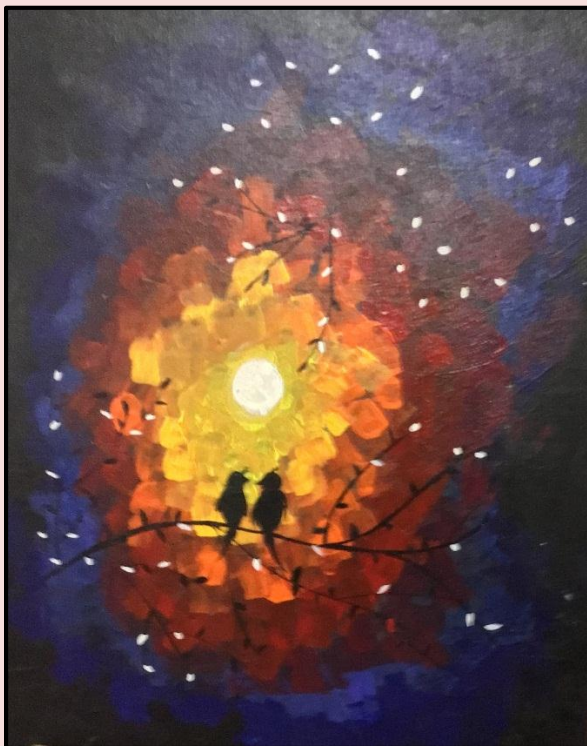
This beautiful sketch used as the back-drop for 'Farewell' (Theme 'Casablanca').

**-Paintings and Sketches by
Sushant Badane BBT 3rd Year**



“Creativity is the greatest rebellion in existence.”

-Osho

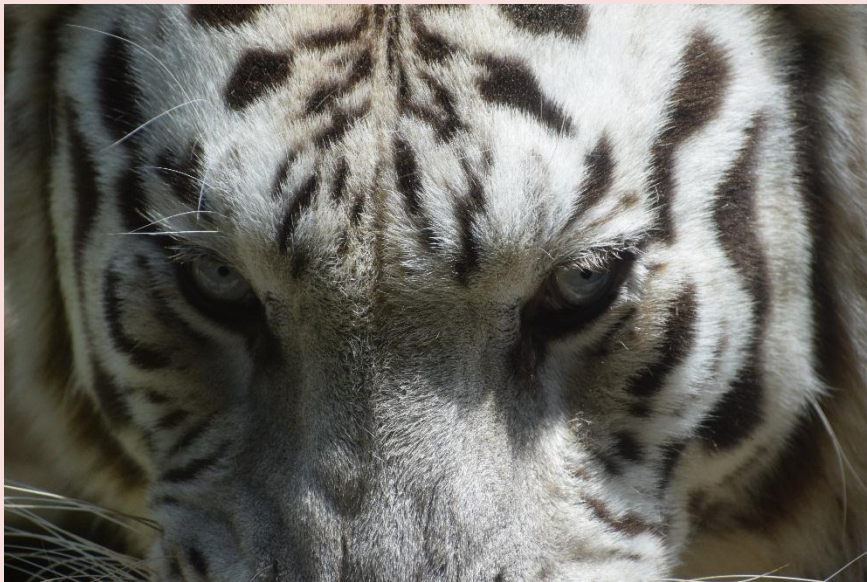


**-Paintings by Anwasha Manna
BBT 3rd Year**



“Photography is the power of observation, not the application of technology”

-Ken Rockwell



**-Photographs by
Pragalbh Dhoka
MBT 1st Year**



“Taking an image, freezing a moment, reveals how rich reality truly is.”





**-Photographs by Naren Gopal
BBT 2nd Year**



4. *Info port:*



Importance of Internship:

You need experience to get experience. This seems to be the biggest issue for young adults transitioning into the workforce these days.

Employers in today's labor market rely heavily on resumes that illustrate a relevant work history, whether that's from internships, volunteer work, or actual job experience.

A **practical work background carries a major significance** when attempting to enter the job market. It's all about competition.

Not only are businesses competing against each other for a competitive advantage, but people are also competing to land that coveted position in a company.

Take a moment and think about it. If you're looking to gain experience, working as an intern is arguably the most advantageous plan of action.

That one internship you did over summer could be the difference between winning a job opportunity or losing it.

Here is a list of reasons why partaking in internships are important for your future career.

1. An Internship Provides Real Life Experience and Exposure.
2. The opportunity to learn more about yourself.
3. To get connected and develop your professional network.
4. To build a strong Curriculum vitae (CV).
5. Transition into full-time position.

Every year, numerous global universities/government bodies open-up summer/winter internship opportunities for International students (some specifically for Indians only), that last for 2-6 months, with an aim to improve ties with the country, as well as to conduct a "student exchange program" that might enable their students to get exposed to their biotechnological research base and thrusts. *Following is a brief on some of the most coveted scholarship based training opportunities that can actually change the anatomy of a student's biotechnological career:*



1.Khorana Scholars Program:

Khorana Scholars Program is probably the most revered and popular summer internship program, specifically designed for Indo-US students by the collaborative action of the University of Wisconsin-Madison (UW) US, the Government of India (DBT), and Indo-US Science and Technology Forum (IUSSTF), as a dedication to the Noble Laureate late Dr. Hargobind Khorana (world renowned Genetic Engineer). Every year nearly 30-50 Indian Students are exchanged with nearly 15-20 US students, for a 2 month Life Sciences research. The program is fully funded, including the traveling/staying expenses too! Apart from that, a healthy stipend is paid to the students (depending upon the institute you get selected into).

Application Starts: October Every Year

Application Ends: November 30 every year

Program Duration: Mid May-Mid July

Eligibility: Indian Scholars enrolled in M.Tech, B.Tech, or M.Sc. programs at any academic institution in India

Participating US Institutes/Universities:

- a) University of Wisconsin-Madison
- b) University of Illinois at Urbana-Champaign
- c) University of Iowa
- d) University of Michigan
- e) Michigan State University
- f) University of Minnesota
- g) Indiana University - Bloomington
- h) Georgetown University
- i) Massachusetts Institute of Technology
- j) University of Nebraska – Lincoln

2. Laboratory Training Programme at CNIO:

The Spanish National Cancer Research Centre (CNIO; Centro Nacional de Investigaciones Oncológicas) offers summer research program to undergraduate students of any country in the world for a period of two months.

ENIGMA Volume 2.0



It covers the travelling (airfare) and meal expenses of the students during their stay at CNIO. Up-to 8-10 students are selected.

Application Starts: February End Every Year

Application Ends: April every year

Program Duration: Mid June-Mid August

Eligibility: Open to undergraduate students of any nationality who are in their final two years of studies in the Life Sciences or related subjects (e.g. Biology, Biomedicine, Biochemistry, Pharmacology, Bioinformatics).

3. Summer Research Program at EPFL:

Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland is a leading University of the world, with a highly reputed Life Sciences research base. Every year EPFL offers summer research program to the international undergraduate students of Life Sciences. A financial compensation for living and housing expenses are provided for all successful candidates, apart from the airfare expenses too. Up-to 25 students are selected every year.

Application Starts: November Every Year

Application Ends: January every year

Program Duration: July-August

Eligibility: Open to undergraduate students enrolled in a degree program in biology, physics, chemistry, bio-engineering, or computational sciences and plan on pursuing a career in the life sciences. Basic Life Sciences background is essential.

Participating Institutes:

- a) Brain Mind Institute (BMI)
- b) Institute of Bioengineering (IBI)



- c) Global Health Institute (GHI)
- d) Swiss Institute for Experimental Cancer Research (ISREC)

4. DAAD Research Internships in Science and Engineering (RISE):

DAAD is a German Academic Exchange Service, which establishes academic research collaborations of various global Universities/Research centers with coveted German Universities under the DAAD authorization. RISE is one of DAAD's various scholarship based internship opportunities for the Indian Research groups, laboratories, professors, postdoctoral and PhD students employed by or affiliated with an accredited academic institution or a non-profit research institution in India. Scholarships are awarded to the successful candidates.

Application Starts: October Every Year

Application Ends: November every year

Program Duration: June-October

5. Stanford-India Biodesign Intern:

Stanford-India Biodesign is a result of collaborative funding of the Stanford University and DBT India, in bringing out the Biomedical Engineers and Designers in India. It is administered in New Delhi as a collaboration between Stanford University, the Indian Institute of Technology Delhi, and the All India Institute of Medical Sciences (AIIMS) in partnership with the Indo-US Science & Technology Forum (IUSSTF). A portion of the fellowship is spent at Stanford University and the remainder in India. The SIB fellows are offered training at AIIMS (New Delhi) with foreign trips during the training. Fellows receive tuition, stipend, and international travel support (for trips required for the fellowship.)

Application Starts: March Every Year

Application Ends: June every year



Program Duration: Begins January Every Year for up-to 4 months

Eligibility: Open to advanced degree holders (including B.Tech with experience/related projects) and/or significant work experience. University faculty are strongly encouraged to apply.

6. University of Queensland Winter Research Program:

University of Queensland, Australia offers Winter Research Internship to the undergraduate students of various fields (including Biology) from various countries of the world. A Winter Research Grant (\$1,000) is offered to the selected candidates. Students can check available projects under the Faculty of Health Sciences as well as the Faculty of Sciences.

Application Starts: February Every Year

Application Ends: April every year

Program Duration: Mid June-End July

7. ITRI Summer Internship:

Industrial Technology Research Institute (ITRI), Taiwan offers International Internship program to undergraduate students across the globe in the field of biological and engineering research. This program is open to graduate and undergraduate students currently enrolled at accredited colleges and universities. A healthy stipend of NT \$30,000-35000 is paid per month along with free accommodation and accidental insurance.

Application Starts: Jan-February Every Year

Application Ends: March every year

Program Duration: May-July & June-August



8. University of Zurich Summer School:

University of Zurich and ETH Zurich, Switzerland offer the International Biology Undergraduate Summer School to the undergraduate students of the universities across the globe. The program covers travel expenses and housing costs of international participants.

Application Starts: Jan-February Every Year

Application Ends: March every year

Program Duration: July Start-August End

9. National Tsing Hua University Internship Program:

National Tsing Hua University (NTHU), Taiwan has a dedicated internship program for the 3rd year and above undergraduate students of IIT Madras, IIT Delhi, University of Delhi, Anna University, and IISc Bangalore, India. It's a 2 month all-expense paid summer research internship program. It includes a Stipend of NT\$5,000/month + Round trip airfare + Visa fees + Insurance

Application Starts: November Every Year

Application Ends: December every year

Program Duration: Mid May-Mid July and Mid June-Mid August

10. International Summer Internship Max Planck Institute:

The Max-Planck-Institute of Immunobiology and Epigenetics, Germany offers Summer Internship Program to students across the globe. Interns are provided with a stipend to cover their living expenses and accommodation in the institute's guesthouse.

Application Starts: December Every Year



Application Ends: January end every year

Program Duration: May-September


Eligibility: Students in their 3rd or 4th year of study toward a Bachelor degree in Immunobiology, Genetics, Molecular Biology, Cell Biology, Developmental Biology, Bioinformatics or related fields. Master degree students can also apply, but a valid certificate of enrolment is required.



*5. Creative
corner:
(Part 2)*




5.1 Flame of hope.



Glow glow with the brightest light,
There's nothing for you to beg and bribe.
You're the master, you're the flame,
Let it burn, don't be tame.

Push yourself through the crowd,
Though they shout in your ears out loud.
They're all the same inside-out,
Haven't you been in your past taught?

The glorious years that are waiting for us,
With twinkling stars and shining light;
Let's take a chance for a shimmering start,
With a joyous mood and a faithful heart.



Keeping the flame of hope alive,
Let's walk on the path where we thrive.
Working, hoping and praying all night,
We shall get the strength for every fight.

-Ariba MBT 1st Year



5.2 The Dismantled Soul.

Over the years, I have been wandering & connecting myself to new cities.



The people from the past
strangle like a daunting
shadow,

Yet I have been
associating myself to
new souls in these
strange places.

Over the years, I have
been feeling lonelier
each day, the memories
from the past tear me
down to my very bone
beneath like a piece of

meat from the edgy knife of the butcher from the neighborhood.

Yet I have been creating new memories to passify my lost soul.

Over the years, I have been meeting transient world and volatile people. The people who would smother the words in my poem and wash my reality like gusty waves of the monstrous ocean hitting to the shore, washing away the creativity of the tiny hands.

Yet I have been relying on them to change my perception about humans.

Over the years, I have realized that loss is a loss and no matter how much you want to run away from the reality of life, it will keep meeting your disoriented path during the most unexpected moments of bliss.

Yet I have been losing things like a sand from my clinched palm.

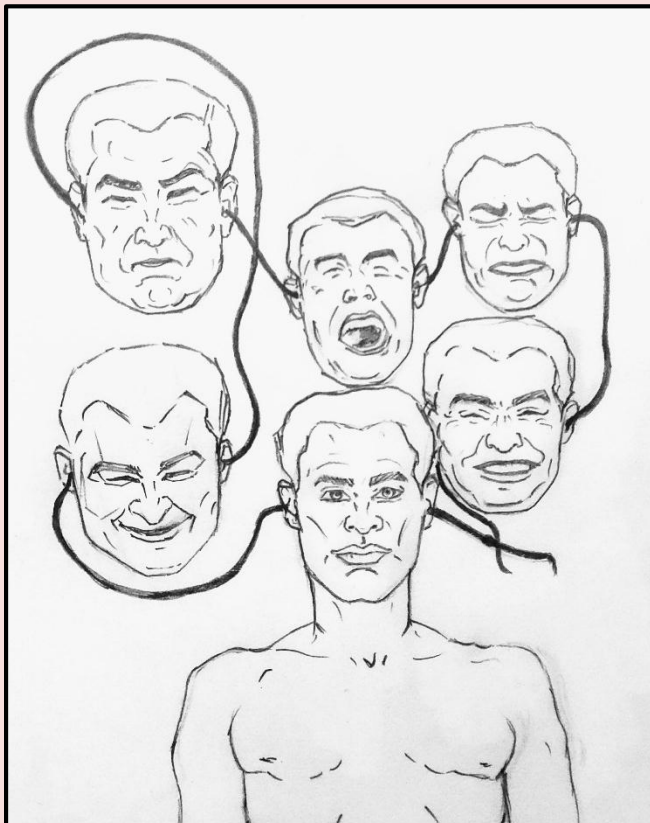
-Arush Baijal BBT 3rd Year



5.3 Anxiety.

I'm convinced that this anxiety running through my life is the tension between what I "should be" and "what I am". My anxiety doesn't come from thinking about the future but from wanting to control it.

It seems to begin whenever I smuggle into my mind an expectation about how I or others should be. It is the tension between my desire to control the world and the recognition that I can't. "I will be what I will be" - where is the anxiety in that?



**-Sketch by Sushant Badane
BBT 3rd Year**

Anxiety is the recognition that I might not reach the rung on the opinion ladder I have just set for myself.

I fear death most when I am about to exceed what I believe others think of me; then death threatens to cut me off from myself, because "myself" is not yet.

-Arush Baijal BBT 3rd Year



5.4 What does hope look like?

Hope,
Has brown eyes
Jiggly thighs
Scars from a dark past
Words that never leave her mouth.



Hope,
Has trembling hands
Doesn't understand how pain can be beautiful
Stumbles over things that are not even there
Doesn't speak too often.

Hope,
Wears an anklet that tinkles that alerts you of her arrival
She eyes the chocolate in your hand, but is too shy to ask for a bite
Remembers the words you will always regret
Cries a lot.

Hope,
Sleeps with the lights on
Her keys between the pages of a book because she can't find a bookmark
She will always share her favourite food
She loves the rain.



Hope,
Wears black like an armor
Has one foot in the clouds
She spends time on cobblestones
She leaves lipstick marks on mirrors for strangers to find.

Hope,
Likes to laugh
But doesn't do it often.

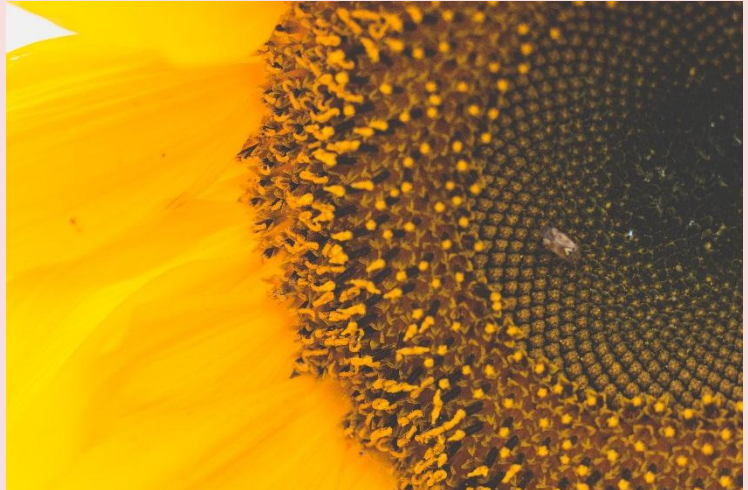
Hope,
Knows how to walk alone,
But appreciates a hand to hold.
Hope,
Is scared of intimacy
But will always be the first to hug you.

Hope,
Nowadays,
Looks a lot like you.

-Sakshi Kulkarni MBT 1st Year



5.5 The Golden Sword



At night, the river was flowing,
and the marvelous moon was
glowing.

A man with many hopes in his heart, sat by the shore to complete his art.
His art was the most wonderful one, with his thoughts running in his mind, he
made a move at once.

He thought, and thought, and thought
and his mind had the most wonderful glances that made him remember all
those soothing garden dances.

He saw a pebble and a golden sword, "The golden sword is the lucky one",
came to him as he remembered the old man's words.

Frustrated with his art, he threw the pebble and the golden sword in water, the
pebble sunk, but the golden sword was up with glitter.

He picked that up and his art was complete, the golden sword was special with
fascinating powers in it.

The man was amazed holding it, with his eyes towards his art, he had a slight
tear and happiness in his heart.

"The golden sword is for the great men", he thought.

The sword could do anything to a person with active mind, because he
wants to discover himself, other than the normal kind.

The sword could be held by the powerful and mighty, who could be with
himself and hold the present tightly.



You can never have the golden sword if you are weak, because for just standing still, you can be a tree.

If you have to move ahead, the sword is with you, for every ending you have to start something new.

Owning the sword is not easy, because it leaves from our hands, once one is lazy.

One who has the sword is rich, as he knows his dreams to live.

Make yourself worthy of the sword, were the old man's words.

After remembering all this, he thought of keeping the sword forever, but the next day's sun, had given him the biggest shock ever.

The sword was gone and the art was still incomplete, was it really there or just a dream!

-Mridula Gupta BBT 3rd Year



5.6 METAPHORS

I write not because it makes me a better person,
But because only words
Can trap what my eyes saw in a look.
I paint with my words,
What my eyes narrate.
I let memory lead me
To the deepest shallows
And inhale in trenches.
I haven't been in.
With my words I travel
Across horizons;
I cut through time and space;
I rearrange my past
And order it in a beautiful mess
For your mind to think of my horror
As tranquility.
With my words, I touch your skin;
I disguise my trembling
As art,
Only my insides knowing the
Mirror my words are built of.
I write to see if you see you
In my miseries,
To see if you share that



Part of the abandon
Which isn't art.
I write to question my dark,
To search for answers
Within a blue so bright
That irony is redefined.
I write to scream quietly
That my words can rip you
To your bare existence
If you threaten
The power they behold.
I write to dress you up,
So perfectly,
With metaphors that
Recreate a fairy tale
To fit every inch of your skin.
I write to bring to your notice
That you're a fairy
In an unwritten
Magnificent tale.
I write to tell you that
You could be the calm
Felt by hearts
Looking at the low tides,
Yet be the rage they hold,
Making their hearts race
Looking at your wrath,



During a storm.
I write to tell you
That I don't write your stories,
I write stories
That make you feel they're yours.
I don't write for metaphors,
Metaphors write for me.

-Sakshi Kulkarni MBT 1st Year



5.7 Life goes On

Not too low,
Not too high;
But the goal
is to reach the sky.

Not too harsh,
Not too soft;
But life teaches you
not to be lost.

It will hurt,
It will pain;
But don't let your efforts
go in-vain.

Run like a horse,
Fly like a butterfly.
You might find distractions
that can cause you to stumble by.

You need to be calm,
You need to be strong;
To let the beasts
do you no wrong.



It might feel funny,
It might feel sick;
But everything changes
with the clock's tick.

Now you may know,
Now you may see;
How your worries,
to the sky they flee.

They may wreck you down,
They may cause you frown;
But you must know
that the life goes on.

-Ariba Nadim MBT 1st Year



5.8 A Shiny Day



Today is a shiny day,
With a bright and lovely gay,
The birds are chirping everywhere
And the squirrels are jumping here and there;
Leaves are like emerald today
And sky is a bay;

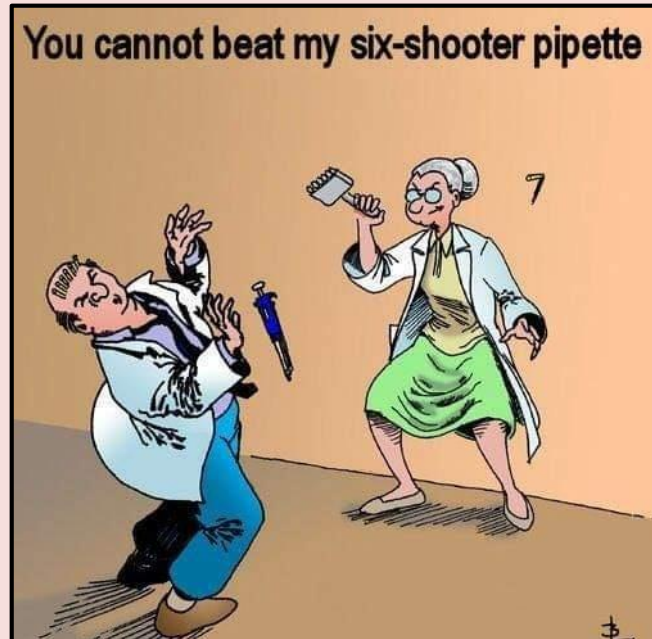
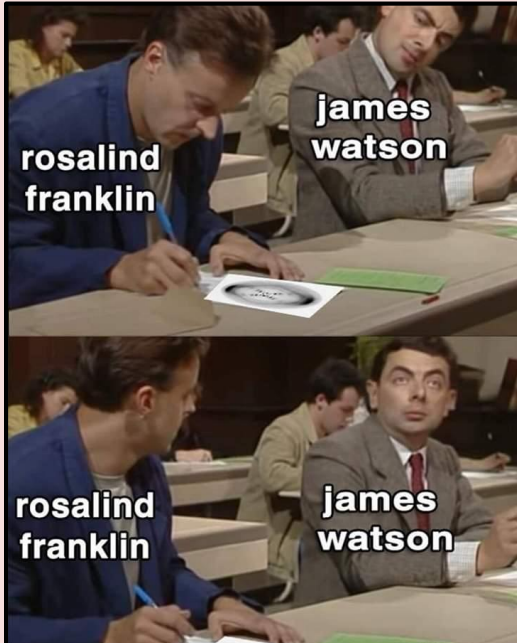
Higher higher the birds fly
Higher the children flying the kites,
Little puppies in a joyful mood
Rolling under the bright light;

Amble I go looking at this
Gentle is I feel full of peace,
What would be better than love
Where peace is a sign by dove;
It's so pretty amazing here
To feel this freedom and live without fear
Birds are cheerful and dancing everywhere;
Today is a shiny day
With a bright and lovely gay....

- Ekankita Mishra BBT 1st Year

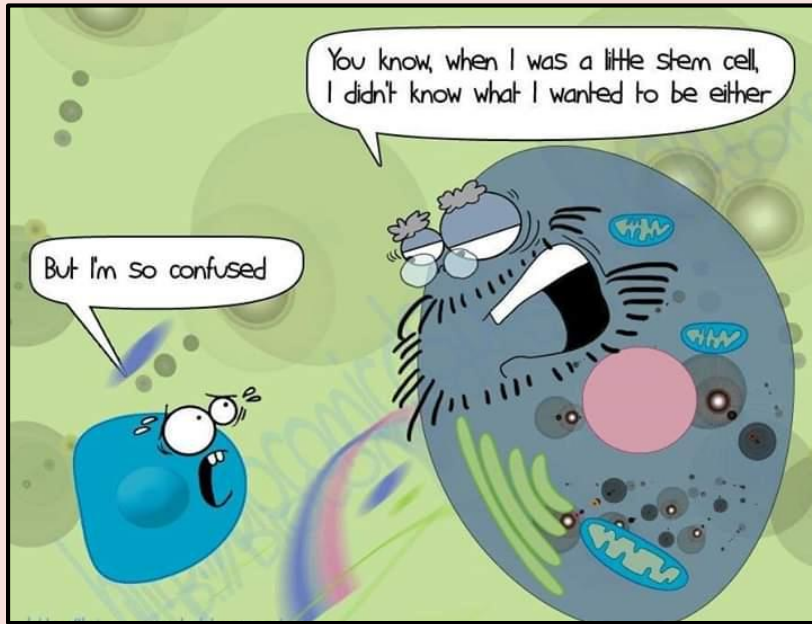


5.9 Because Biotechnology isn't a joke!



Our kind of magic wand!





Western Blot Protocol



Sample extraction



Run Gel



Transfer proteins to membrane



Antibodies incubations and washes



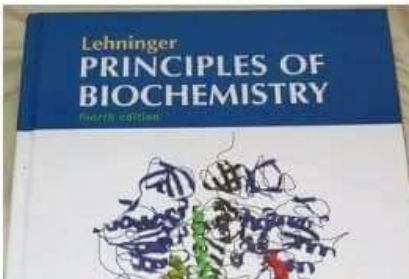
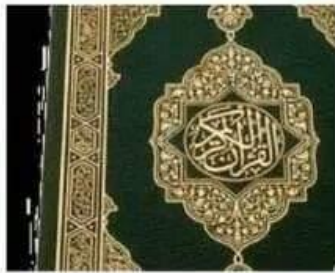
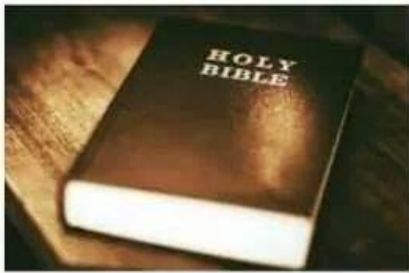
Fail to visualize protein bands



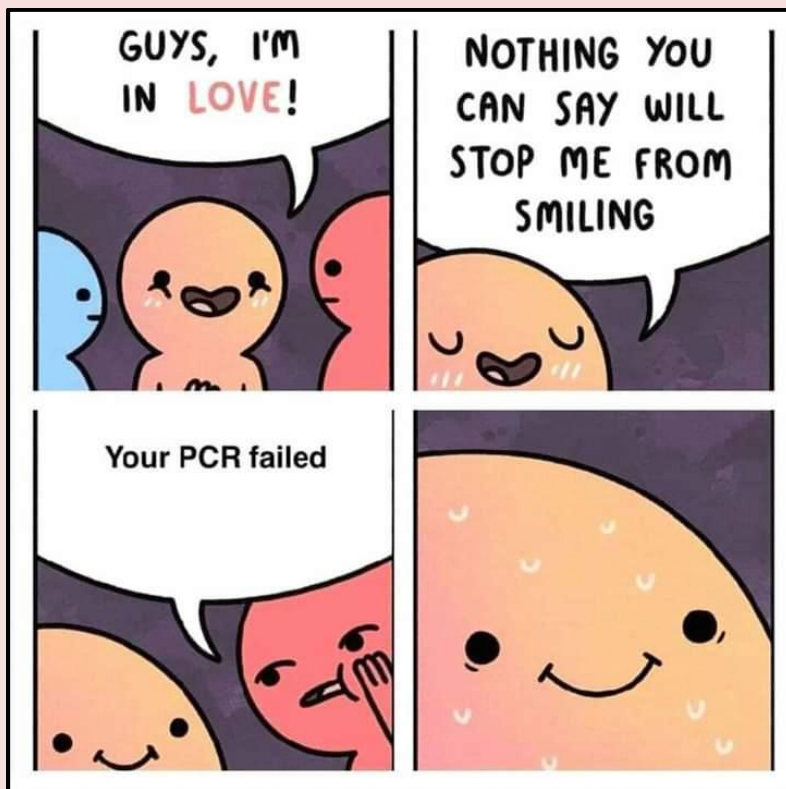
Cry



I respect ALL religions



Lehninger.

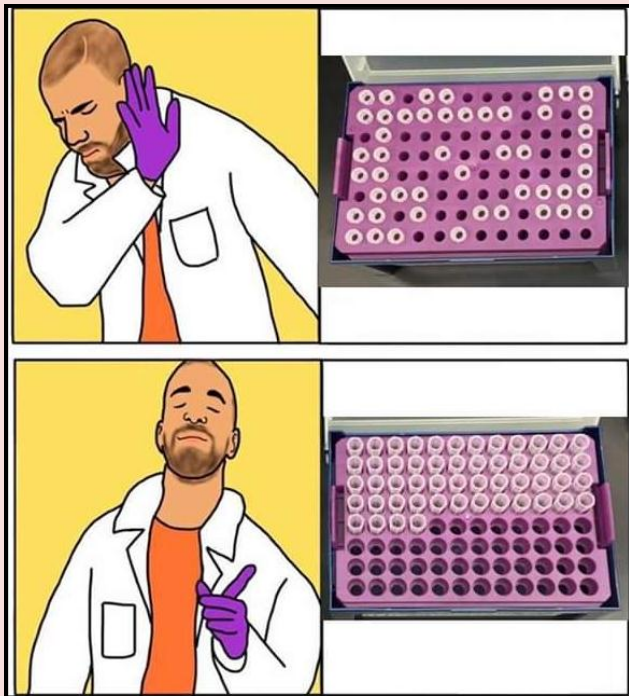


Nooooooooooooo.....

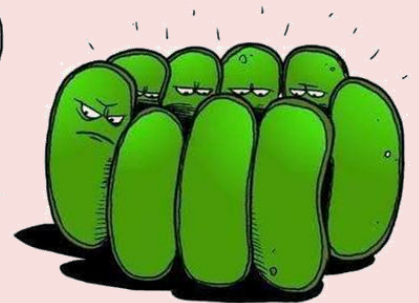




Why Pennywise why...



IS IT BECAUSE I'M GRAM NEGATIVE?



Hand-drawn 2006



6. Smile please.



General Assembly:



Teachers with newly elected council members.



Council members 2019.

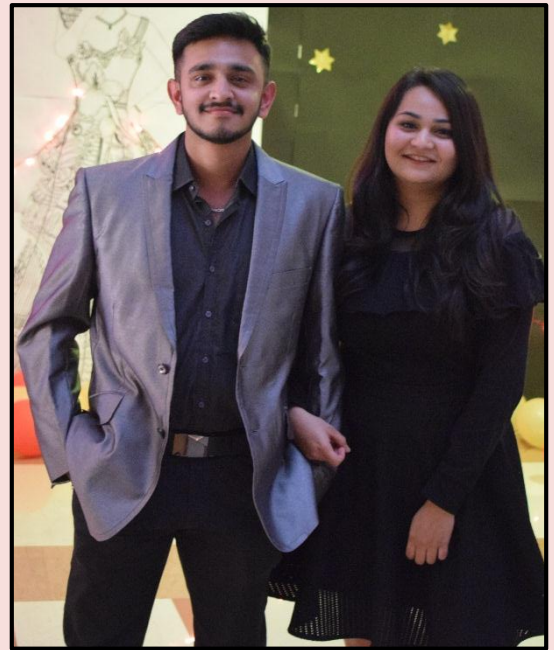


Fresher's Party & Teacher's day celebration:





Farewell Party





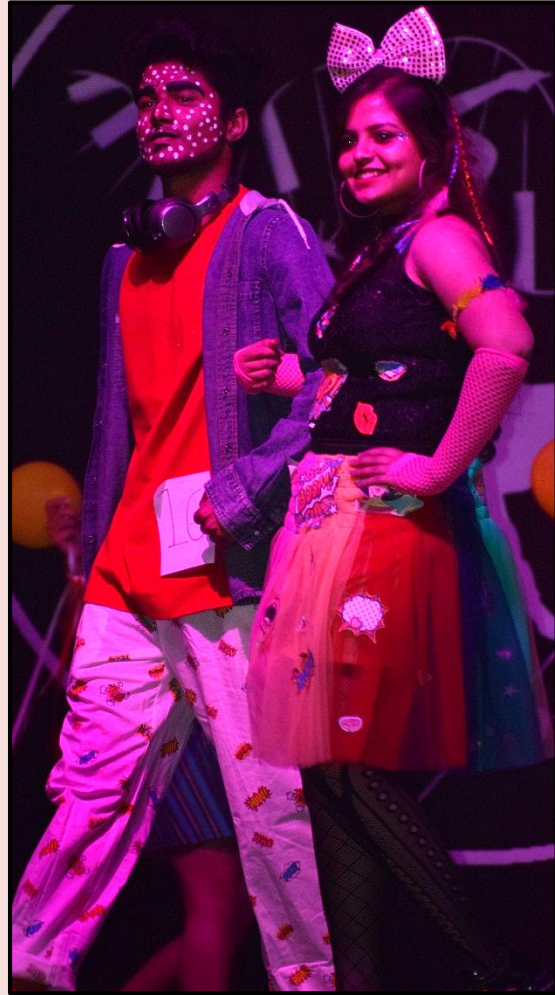
Cytosoul: Jashn 2019















DPU Nite prize distribution ceremony.





Batch of B.Tech Biotechnology, First Year.



Batch of B.Tech Medical Biotechnology, First Year.





Batch of M.Tech. (Int.) Biotechnology, First Year.



Batch of B.Tech. Biotechnology, Second Year.





Batch of B.Tech. Medical Biotechnology, Second Year.



Batch of M. Tech. (Int.) Biotechnology, Second Year





Batch of B.Tech. Biotechnology, Third Year.



Batch of B.Tech. Medical Biotechnology, Third Year.





Batch of M.Tech. (Int.) Biotechnology, Third Year.



Batch of M.Tech. (Int.) Biotechnology, Fourth Year.

Thanks to Pragalb Dhoka from 1st Year MBT and Udaya Jagan from 3rd Year MIT for all the photographs.



*Choose to keep
going!*

*TO be continued by
You all...*

