

**JAI HIND COLLEGE AUTONOMOUS**

**E-NEWSLETTER**

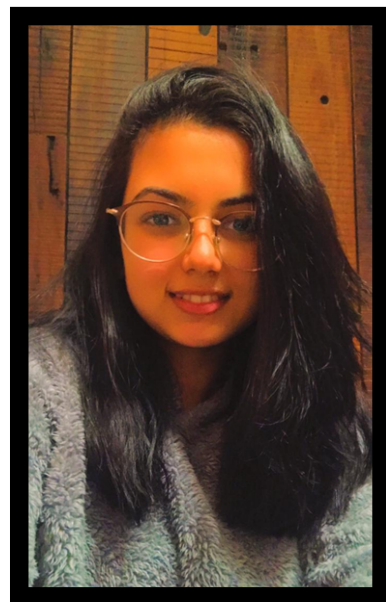
**THE  
REFLECTION**

**VOLUME 2 | ISSUE 1 | 16TH FEBRUARY-15TH JUNE 2021  
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# EDITOR'S NOTE

By Tanzila Khan



The Reflection!! Looking back so that the view looking forward is even clearer!!

Here at “The Reflections” a research newsletter, we aim at making everyone reflect back on their actions, progress and achievements which will eventually give them a better view of their success in future by keeping a track. Amidst the pandemic, the students and faculty of Jai Hind College haven't let anyone, or any circumstance stop them from giving their best and continue the process of learning and developing. At JHC, each one of us strives for perfection and have been successful in doing so throughout the year.

While we bring you this issue of The Reflections, we also appreciate the efforts taken by each of the faculty members and students that have made it so far despite the situation that hinders many aspects of learning, and have overcome the problems with great zeal and enthusiasm. No matter how long it takes for things to get back to normal,

We at JHC never stop, because ultimately we have been imbibed with this motto, “I WILL AND I CAN”

## **EDITING & DESIGN:-**

**Tanzila Khan**

**Swarda Parab**

**Krupasha Koradia**

**Meher Bhagwagar**

**Dr Sangeeta Parab**

**Dr Devangi Chanchad**

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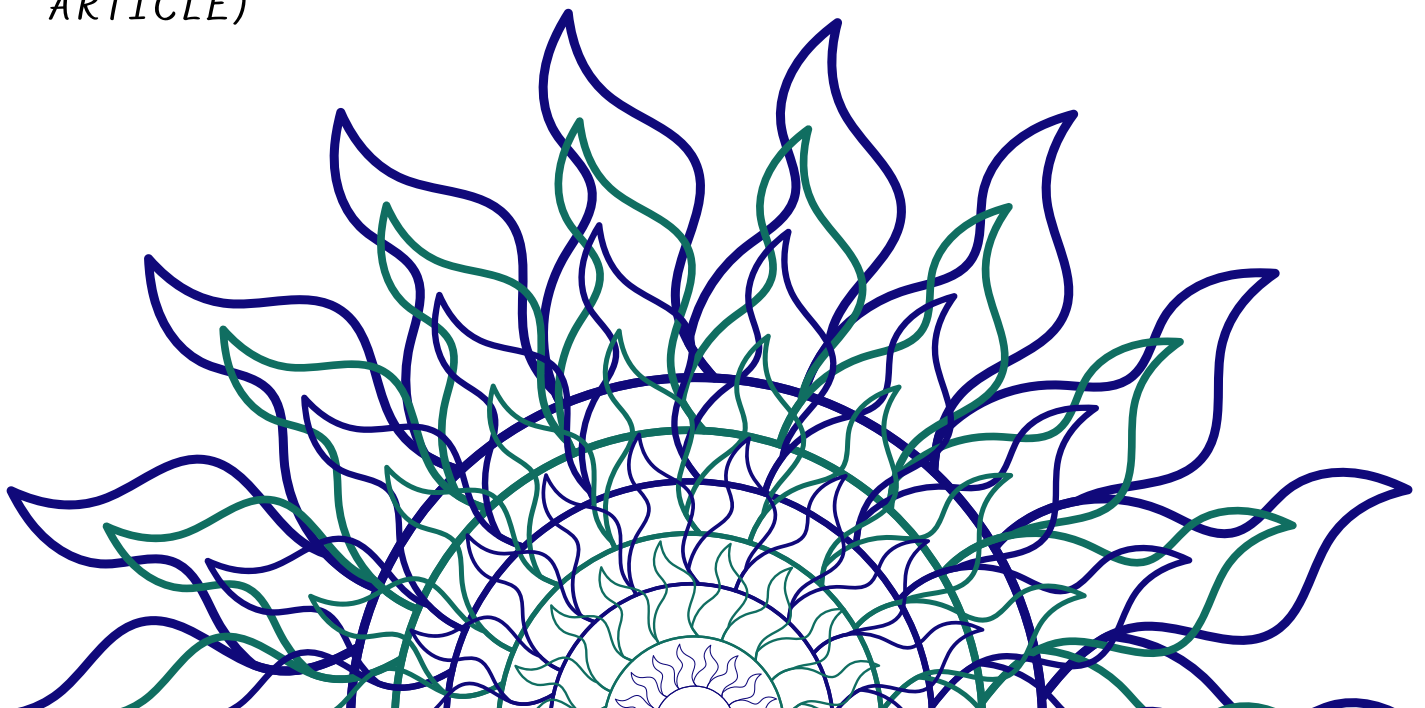
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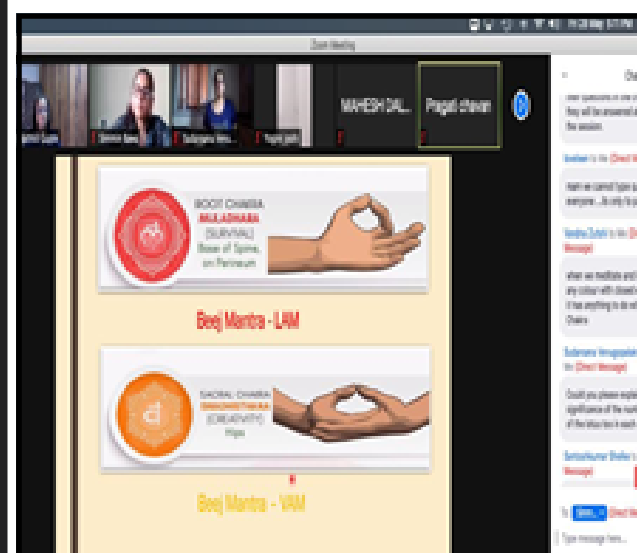
# DEPARTMENT OF PHILOSOPHY

Department of Philosophy organized a guest lecture on ‘Mystics, Mysticism and Mystical Worlds’ by Dr Amita Valmiki, Associate Professor and Head of Department, Philosophy at Ramniranjan Jhunjhunwala College (Autonomous) on 23rd February 2021. The lecture focused on various mystic philosophers and schools of mysticism from historical, global, religious and spiritual corners of the world. The lecture was even more interactive with students asking a variety of interesting questions and resource persons enthusiastically answering them all. Lecture ended with a Sufi song and dance visual clipping. The response for this event was overwhelming.

Faculty, Ms Simmin Bawa took two lectures for one week course on “Meditation” by K. J. Somaiya College of Arts and Commerce (Autonomous) held from 11th to 17th April 2021. Lecture 1 was titled: “Aura-Chakra Meditation” and Lecture 2 was titled “Mindful Meditation Through Creative Visualization”.

As the feedback for both lectures was overwhelming, Ms Simmin Bawa was invited again for two lectures for a five-day course on “Meditation II – Omkara Meditation” by K. J. Somaiya College of Arts and Commerce (Autonomous) held from 27th to 31st May 2021. Lecture 1 was titled: “Beej mantra of Seven Chakras” and Lecture 2 was titled “Overcoming Blocks to Meditation and Creative Visualization Through Omkara”.

In the upcoming academic year, we look forward to organizing many more events on the lines of philosophy of life so that we are able to enhance the lives of students for an all-round holistic development imparting skills such as analysis, logical conceptualization and critical evaluations.



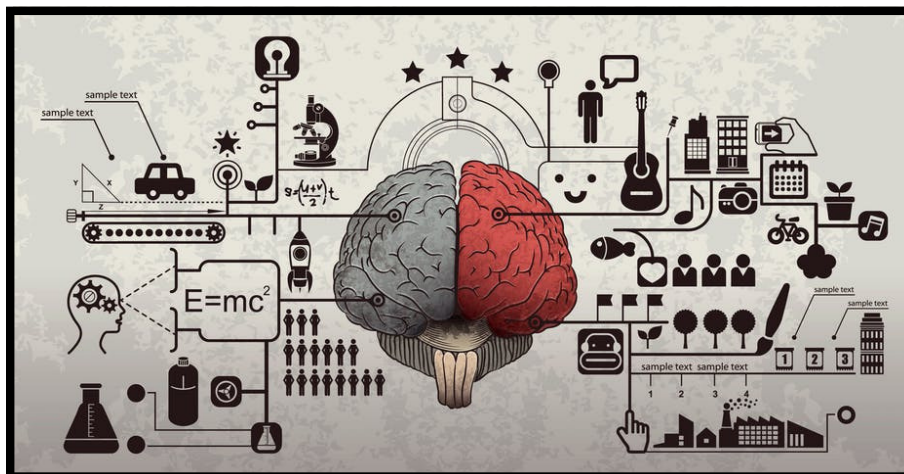


# **DEPARTMENT OF PSYCHOLOGY**

As Editor, Dr Ruchi released e-copy of Psychology Departments XIV Edition of Magazine - 'Espectro Psicologico' and as a Managing Editor, she released e-copy of Psychology Departments XIII Edition of Journal - 'Journal of Psychology-Jai Hind College' ISSN 2321-4023

In May 2021 she conducted an Organizational Behavior related survey for Frappe Technologies Pvt Ltd. & shared its conclusions with the employees. From 19th-21st April 2021 she also conducted a Life Skills Workshop for 98 students of Jai Hind College. The topic was 'Empowerment of humanity with life skills'

On 28th & 29th May Dr Ruchi was the External Judge at EXAP Research presentations at Sophia college and on 26th Feb Dr Ruchi was the a Judge for research papers competition at Transdisciplinary International Conference organized by V G Vaze College of Arts, Science & Commerce



# **DEPARTMENT OF POLITICAL SCIENCE**

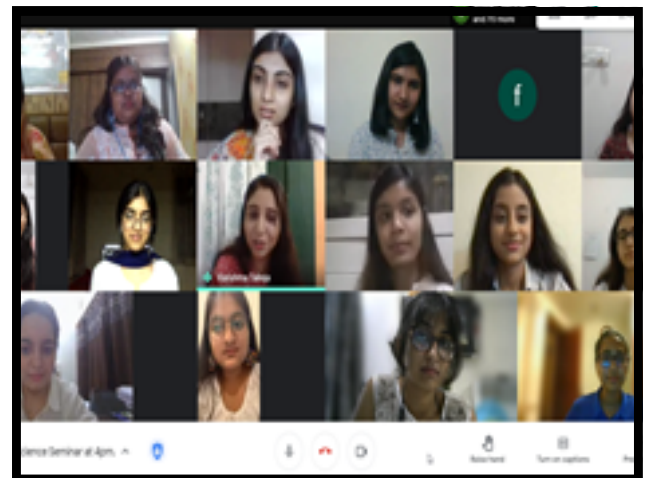
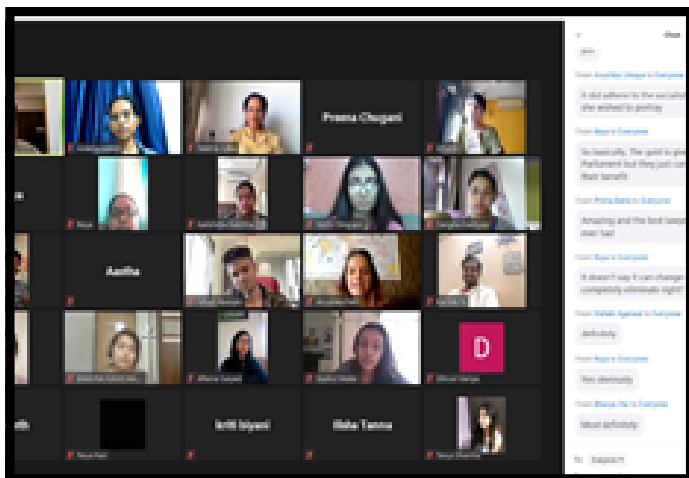
In line with the theme of the year, “Expand, Discuss, Express and Understand,” the Political Science Forum of Jai Hind College continued to organize subject-enriching activities even towards the end of 2020-21.

One such webinar was on the ‘Kesavananda Bharti Case’ held on February 23, 2021. The keynote speaker was Mr Kishu Daswani, a Professor of Law at the Government Law College, Mumbai, for the past 25 years. Students across the first, second and third year attended this talk. As a result, they gained a legal insight into what is considered a historical judgment by the Supreme Court on the basic structure of the Constitution.

The academic year ended with the Annual Students’ Research Paper Presentation Competition organized on February 26, 2021, on a captivating theme, “Media as the Fourth Pillar of Democracy: A Reality Check.” The Seminar was much appreciated by all, including Ms Karishma Talreja, the Honorable Judge for the Seminar. 7 groups presented a research paper on the titles mentioned below.

- a) The Conundrum of Declining Print Media in Response to Covid-19 Pandemic
- b) Influence of Social Media on Elections: An Analysis
- c) Surveillance of Social Media in Millennial Democracy: Bane or Boon?
- d) Political Activism on Social Media: Surveying Beyond the Hashtags
- e) The Significance of Media Ethics in Contemporary Times
- f) From the Streets to the Tweets: Surveying the Impact of Social Media
- g) Indian Media and the Freedom of Press During the National Emergency of 1975 Vs Indian Media and the Freedom of Press in 2021: Captive or Critical: A case Study

Despite the pandemic and online learning, the students truly learned beyond the walls from within the walls!





## **DEPARTMENT OF HISTORY**

The History Department emphasizes holistic development of the students and focuses on participative and experiential learning.

The Annual History Student Seminar was conducted on 23rd April 2021, the theme was “Indian Musical Traditions: History and Heritage”. Students presented research papers that were guided by the internal faculty after mentoring the student participants about the research methodology. Three winners were declared by the judges; Dr. Priyamvada Sawant, Associate Professor, H. R College and our Alumni Yukta Hathiramani. The first prize was awarded to Khushi Burad, Forum Shah won the Second prize, and the Third prize was given to Siddhi Chauhan & Vaishnavi Shetty. Other students also exhibited their singing and instrumental talents through their performance that created an aura for the audience. The department tied up with the Spic Macay Foundation and Save the Artist Forum.

The Department teamed up with Economics Department to organise Online Lecture on “Entrepreneurship- Why?” by Mr. B. R. Venkatesh (Founder MBTLA Academy) on 15th April & 18th April 2021 to orient and acquaint the students with the concept and relevance of Entrepreneurship.

On 17th April 2021, the two Departments also organised an Online Workshop on “Study of Monetary Transactions from Past to the Present” by Mr. Jason John, Asst Professor, AIC, St. Xavier’s College.

Through The History department, Jai Hind college became institutional partners for ORF Mumbai and US Consulate, Mumbai and organised interaction-‘Contentious issues in disruptive World’, covering discussions on Debt-trap Diplomacy Architecture, Emerging dynamics of the Indo-Pacific and Regulations and responsibilities in the digital era in which our TYBA students Krish, Forum and Harsh participated.

Mrs Safina Rakhangi was selected as Resource Person for Syllabus Designing work in the subject of History for the Bachelor of Arts UG Programme for Vanita Vishram Women’s University, Gujarat.



# DEPARTMENT OF BAF, BBI AND BFM

The undergraduate studies in Accounting, Banking and Finance are undertaken by the department of BAF, BBI & BFM. In doing so, we aim to nurture the bright young minds. Our department has always strived to be a source of motivation in these tough times. Marching undauntedly towards new heights despite the pandemic, our department was successful in fostering growth and development. That too from the comfort of our homes!

In order to provide the best possible experience of the online college, we actively organized two academic courses- Basics of Stock Market and Technical Analysis. Basics of Stock Market course, conducted by Mr. Hemal Shah, aimed to make students understand the workings of the stock market. This course gave our students an opportunity to witness trade in a live market. The course ended with a guest lecture by Mr. Sharad Pachisiya, CEO of Sageone and an industry expert. Technical Analysis course by Mr. Kunal Rambhia was well structured and offered the students a detailed series on chart reading. Additionally, the lectures aimed at helping the students understand the minute details about various forms of candlesticks. Together, these lectures made sure that the students have a stronghold in the practicality of the finance sector.

ConCourse- the speaker's committee by the department of BAF, BBI & BFM has worked tirelessly to organize regular speaker sessions with renowned personalities from varied industries.

ConCourse continued with their #ConCourseGoesGlobal series where they invited global speakers to speak about varied topics! The topics covered through these sessions were thoroughly impressive. They ranged from mental health to entrepreneurial opportunities in India and even a session on the budget! ConCourse redefined the meaning of a true environment for students' development organizing numerous workshops around the year! The topics covered through these workshops were FinTech and Behavioral Finance.





## THE REFLECTION

**Bazaar-** our departmental financial magazine continued to be a haven for financial literacy. Bazaar achieved an agreeable balance of informative and entertaining content by resorting to engaging social media content. They initiated a series of reels decoding the Harshad Mehta scam, key differences between FII and DII and even the founding story of McDonald's!

**Endeavour-** The Editorial Club is back in action! Following a hiatus, Endeavour is back and they are better than ever! With interest-piquing articles, Endeavour's blog promises knowledge on a variety of topics. Endeavour's alumni series with impressive personalities proved to be very helpful & insightful. The departmental editorial also tended to students' curious minds by garnering an environment that encouraged young researchers to author research papers.

**In Tune In Touch-** our departmental newsletter aiming to bridge the communication gaps of our department and updating the students with departmental happenings, the newsletter In Tune In Touch works towards compiling the monthly events of the department with a few interesting reads including 5 Hacks and Teachers' Tales!

Conclusively, the department of BAF, BBI & BFM show-cased unity in successfully navigating its way through tricky situations. Being surrounded with heaps of inspiration, all of us were motivated by one motto: "we can and we will".



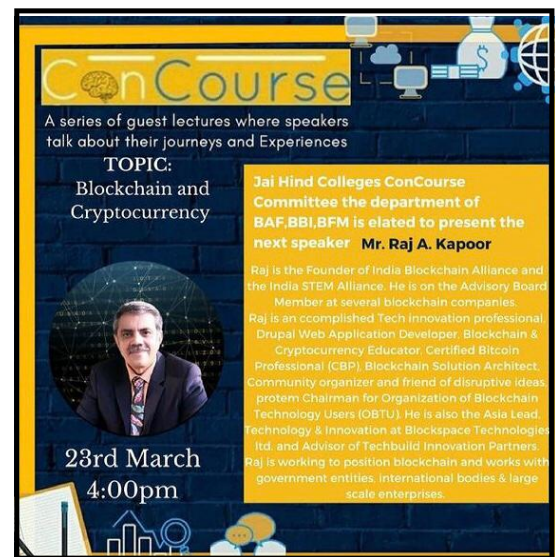
**ConCourse**  
A series of guest lectures where speakers talk about their journeys and Experiences

**TOPIC:**  
How can Students Prioritise and Empower their time

**Jai Hind Colleges ConCourse Committee the department of BAF,BBI,BFM is elated to present the next speaker Ms. Elizabeth Franklin**  
Ms. Franklin, a business owner, former corporate manager, financial planner, and business time priority guru, now invests much of her time as an author and inspirational speaker for children, teens, and college students to empower them to greatness both in life pursuits and in their pursuit of God. Her desire is to help young people realize their value, prioritize their time, find their own unique talents, and not be afraid to pursue their dreams early in life.

**24th February**  
8:00am

**#ConcourseGoesGlobal**



**ConCourse**  
A series of guest lectures where speakers talk about their journeys and Experiences

**TOPIC:**  
Blockchain and Cryptocurrency

**Jai Hind Colleges ConCourse Committee the department of BAF,BBI,BFM is elated to present the next speaker Mr. Raj A. Kapoor**  
Raj is the Founder of India Blockchain Alliance and the India STEM Alliance. He is on the Advisory Board Member at several blockchain companies. Raj is an accomplished Tech Innovation professional, Drupal Web Application Developer, Blockchain & Cryptocurrency Educator, Certified Bitcoin Professional (CBP), Blockchain Solution Architect, Community organizer and friend of disruptive ideas, protem Chairman for Organization of Blockchain Technology Users (OBTU). He is also the Asia Lead, Technology & Innovation at Blocksapce Technologies Ltd. and Advisor of Techbuild Innovation Partners. Raj is working to position blockchain and works with government entities, international bodies & large scale enterprises.

**23rd March**  
4:00pm





## **DEPARTMENT OF PHYSICS**

A short talk was given by Ms. Deeksha Chandorkar on the topic “Channelizing motivation into tangible research” .It was organized by Ms. D.Daruwalla. She is an in-house TYBSc student . She was working with Dr. Minwalla from Tata Institute of Fundamental Research, Mumbai. She has also published a research paper titled “Bounds on Regge growth of flat space scattering from bounds on chaos” in High Energy Physics. Shanawaz Shaikh from SYBSc topped The National Graduate Physics Examination (Top 10%) and got selected for level -II.

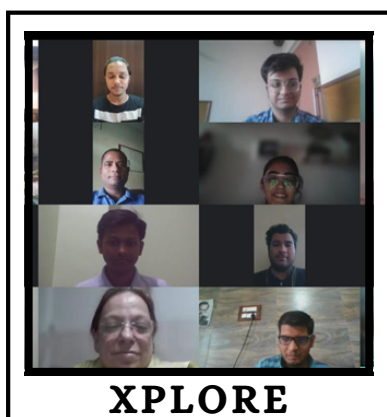
Physics discussion club sessions were conducted in February , March and April. The students gathered once every week and one/two students presented using PPT a detailed overview of a Physics related topic (research problems/current interest). This was followed by a Q and A session or an exchange of ideas or suggestions among students.

About 42 projects represented the Physics Department at Xplore which was judged by Dr. J. Pandye from K.C. College

Explore event photograph of winners

Eureka magazine is the departmental magazine which was started from 2019-20. This year second volume of Eureka was launched on 31st March, 2021. Dr. B.K.N. Singh as the chief guest launched the magazine.

The faculty members and students were actively involved in research. Dr. N. Ahmed 's paper titled “ Low dimensional magnetism of  $BaCuTe_2O_6$  “ published in Physical Review B in March 2021. Ms. J. Mayekar won Best oral presentation on 25th March, 2021 at International virtual conference organized by Chettinad Academy of Research and Education, Tamilnadu, India.



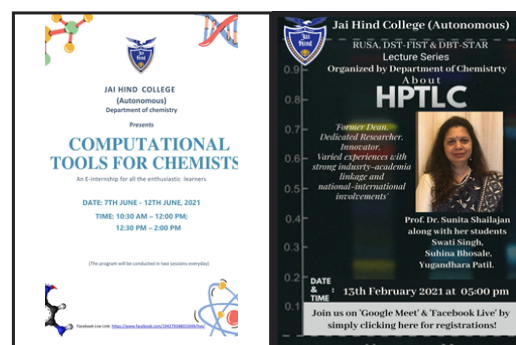
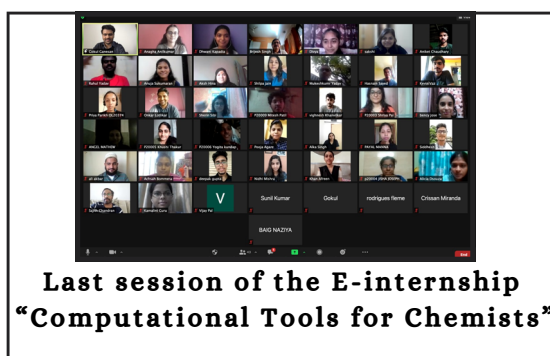
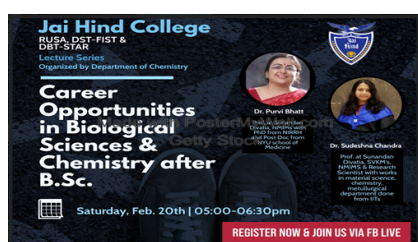
# DEPARTMENT OF CHEMISTRY

The Department of Chemistry has always been at the forefront of student trainings, support and mentoring as well as providing additional learning opportunities to students by inviting experts in their fields of specialization. The department continued its lecture series initiated in December 2020 by organizing two talks in the month of February 2021. A talk on HPLC technique was organized on 13th February 2021 where Dr. Sunita Shailajan of Ramnarain Ruia College had engaged with our students on the principles & scope of HPTLC and her doctoral students presented on the applications of the technique in separation & identification of plant metabolites. The session was insightful to the TY & M.Sc. students as they learn the technique only theoretically as a part of their syllabus. A second session on Careers in Chemical & Biological Sciences was organized on 20th February, where Dr. Pruvi Bhatt & Dr. Sudeshna Chandra from the Sunandan Divatia School of Science, NMIMS who detailed the various avenues open to students pursuing pure sciences in B.Sc.

The National Science Day, 28th February is celebrated for its scientific importance and to reignite the inquisitiveness among young scientists. The college organizes its annual science exhibition Xplore on this day. Despite the pandemic, as many as 56 students participated enthusiastically to present their ideas. Priya Shrivastava & Bushra Shaikh bagged the first prize in F.Y. B.Sc. & Rushabh Chedda & Fatima Pardawala were declared winners in the S.Y. Category. In the TY category, Abbas Attarwala bagged the first prize for his work on molecular docking & in the M.Sc. class, Anagha Anilkular & Ali Akbar Magar won the first prize for their experimental work on bleaching action of commercial bleaches on plant pigments present in the leaf.

In the month of June 2021, the Department of Chemistry organized the first of its kind one-week E-internship titled "Computational Tools for Chemists". Experts on Cheminformatics & Bioinformatics tools were invited to take theory and practical sessions for the students. There were 12 sessions across 6 days of the program from 7th June to 12th June & distinguished resource persons like Ms. Saloni Sharma, IISER Pune; Dr. Narayan Karmakar, D.J. Sanghvi Engineering College; Dr. Akshara Shah, University of Mumbai; Dr. Virupaksha Bastikar, Amity University; along with internal faculty like Ms. Niloufer Kotwal, Ms. Preeti Shelar, Mr. Onkar Lotlikar & Mr. Gokul Ganesan engaged sessions with the students. The E-internship was extremely popular and a big learning opportunity and each session has been viewed more than 100 times on Facebook where it was also streamed live.

The Department endeavours to take many such initiatives in the future for the benefit of the students and to help develop skills.





# DEPARTMENT OF BOTANY

Students from the department of botany brought numerous laurels starting with Ph.D. Ms. Dipanwita Ghoshal presenting a research paper titled as 'HPTLC -quantification and estimation of Rutin and Kaempferol using aerial parts of *Ixora javanica* (Blume) DC. and *Ixora barbata* at the National e-conference organised by Department of Botany, S.S.R. College of Arts, Commerce and Science, Pune along with her mentor Dr. Sangeeta Godbole. Dr. Sangeeta Godbole also delivered a key note address in the same conference titled as 'Secondary metabolites and plant defence'.

Ms. Manoshree Mondal (Ph.D. Student), working with Dr. Devangi Chachad, was awarded the prestigious Indian Women Scientists Association scholarship for the year 2020-2021. She also cleared the State Eligibility Test (SET) for lectureship conducted by Savitribai Phule University, Pune. Ms. Manoshree Mondal also participated and bagged 1st prize in 15th Avishkar Research Convention at PPG level in pure sciences. She also presented a poster titled 'Pharmacognostical And Phytochemical Evaluation of some potentially medicinal seeds' at National Conference organised by Indian Botanical Society, Lucknow. Ms. Nandini Desai, another Ph.D. Student working with Dr. Devangi Chachad contributed as Technical support during the co-ordination of a short term course on 'Applications of Statistics and Research' organised by UGC-HRDC under RUSA.

The Department of botany organised a lecture and practical demonstration on 'A Journey from Kitchen Waste to Kitchen Gardening' by Ms. Rashmi Joshi, an environmental consultant.

Dr. Devangi presented 3 other posters at the National Conference organised by I.B.S., Lucknow. She also served as a judge for the selection round of 15th Avishkar Research Convention (Agriculture Category). She successfully completed short term course on 'Applications of Statistics and Research'.

Dr. Payal Acharekar was selected as paper setter for M.Sc. (University of Mumbai) and F.Y.B.Sc (H.S.N.C.U. Board).


Dr. Archana Ashtekar played a pivotal role in ensuring participation of several projects across faculties from Jai Hind College in the 15th Avishkar Research Convention where Jai Hind College bagged the overall championship in Pure Sciences. She also worked as a volunteer for Heartfulness Covid Care in Mumbai by providing support to Covid affected families.

Dr. Bharati Bist contributed a chapter 'Investigating the impacts of ambient air quality of an industrial region on a member of Asteraceae and its potential as phytomonitor' for an international book titled as 'Current Approaches in Science and Technology Research'. She was awarded 'Young scientist' in 4th Plantica Plant Science Research Award -2021 by Association of Plant Sciences Researchers, Dehradun. Dr. Bharati Bist also contributed an article on Air Pollution amidst lockdown in India for The Reflection in June 2021.


REC


## INTRODUCTION

- Several potential approaches for the induction of infertility have been investigated including hormonal, chemical, immunological approaches
- The synthetic contraceptive agents currently available for women produce a lot of side effects like hormonal imbalance, hypertension, increased risk of cancer, weight gain and total loss of fertility by prolonged usage
- No male pharmaceutical contraceptive is available for clinical use so far



SUSTAINABLE DEVELOPMENT GOALS



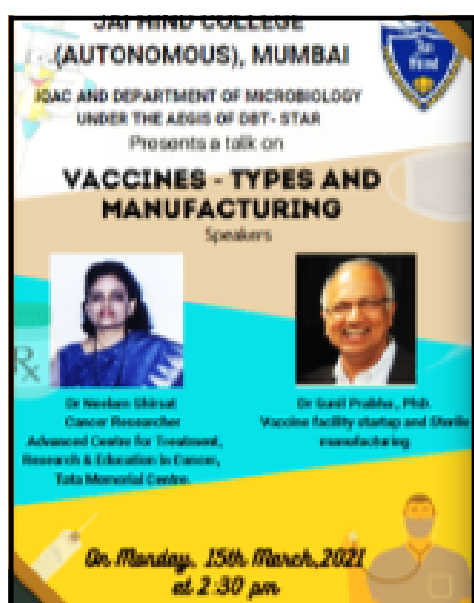


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## **DEPARTMENT OF MICROBIOLOGY**

Department of Microbiology, Jai Hind College has always believed in holistic development of the students. Keeping this in mind the department under the aegis of STAR-DBT organized a series of guest lectures on relevant topics, speakers from eminent institutes and Industry personnel were invited. Our 8th guest lecture was held on 15th March, 2021, titled Vaccines: Types and Manufacturing which was very appropriate looking at the Pandemic crisis the World is facing. Speakers invited were Dr Neelam Sirsat, ACTREC and Dr Sunil Prabhu, Vaccine facility startup and Sterile Manufacturing. Our next lecture was on Entrepreneurship and Tech Startups: Challenges and Opportunities. The lecture was specially organized for TY students on 24th March, 2021. Speaker for this lecture was Dr Rahul Nabar, Consultant & Chemical Engineer. Who with the help of many case studies made this session enjoyable and very easy to comprehend.

We also released our first newsletter on 15th March, 2021 called Microbulletin, Volume One 2019-20 which comprises of all the activities and achievements conducted and organized by the department's staff and students. To inculcate a thirst for research and also to help our students improve their communication and scientific writing skills two activities were undertaken as part of their CA. The SYBSc students were given Review Writing and the TYBSc students were given video making activity on Food Adulteration. Some of the videos are uploaded on our Facebook page: <https://www.facebook.com/DOMJHC/overview> This year our students made a mark at the 20th National Microlympiad. Our TY student Mr. Rhitam Biswas bagged third place; SY students, Miss. Shamsi Tabassum Tanveer, Mr. Shivesh Tripathy, & Mr. Yougesh Sharma won 1st Prize, and a group consisting of our FY student, Mr. Rohit Nair was selected as a finalist for the last round.





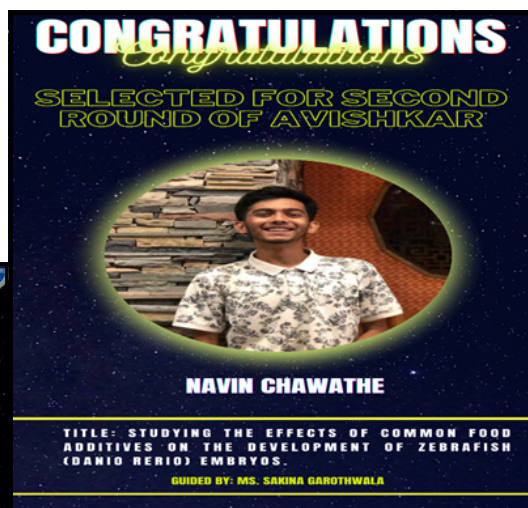
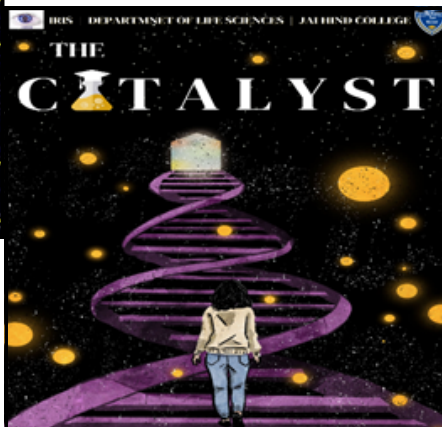
# DEPARTMENT OF LIFE SCIENCES

Students of the department of Life Sciences are always motivated to take up innovative research projects. Our students presented their innovative research projects in various Inter and Intra collegiate online research meets. Hearty congratulations to all the students who have participated and presented their works in the intra collegiate science competition, 'Xplore' of Jai Hind college. Our Final Year students, Tanvi Chhatwani, Navin Chawathe and our SY students Anushka Pai, Richa Mishra bagged 2nd prize and our FY students Megha Thakur and Akash Andale bagged 3rd prize in this event. Also, Rushabh Chheda won the second prize at Alchemia Chemquest crossword and Roshni Keshwani the second prize at Alchemia Quiz Competition.

We congratulate our students who have participated in Avishkar Research Meet organized by the University of Mumbai, wherein Navin Chawathe guided by Ms Sakina Garothwala reached the final round!!! Varisha Khan, Jaansi Bhansali and Roshni Keshwani guided by Ms Niloufer K. Kotwal bagged the 2nd prize at UGC STRIDE National Research Paper Presentation Competition. Our TY students Jaansi Bhansali, Varisha Khan and Jiban Gogoi also published articles in the Compendium of Research Insights of Life Science Students.

Our TY students always make us feel proud by ranking high in Entrance exams. This year Neha Vadagbalkar qualified JGEEBILS 2021 and bagged AIR of 169 in IIT-JAM. Kunal Jagetia too qualified JGEEBILS 2021 and bagged an AIR of 606 in IIT-JAM and AIR-666 in GATE(XL). Three of our students, Varisha Khan, Simran Udeshi and Avani Dave were awarded the Sumitomo Scholarship this academic year.

The Department of Life Sciences was pleased to release "The Catalyst", the departmental magazine. Under the aegis of the Department Society "IRIS" (Insight - Resilience - Innovation - Success)



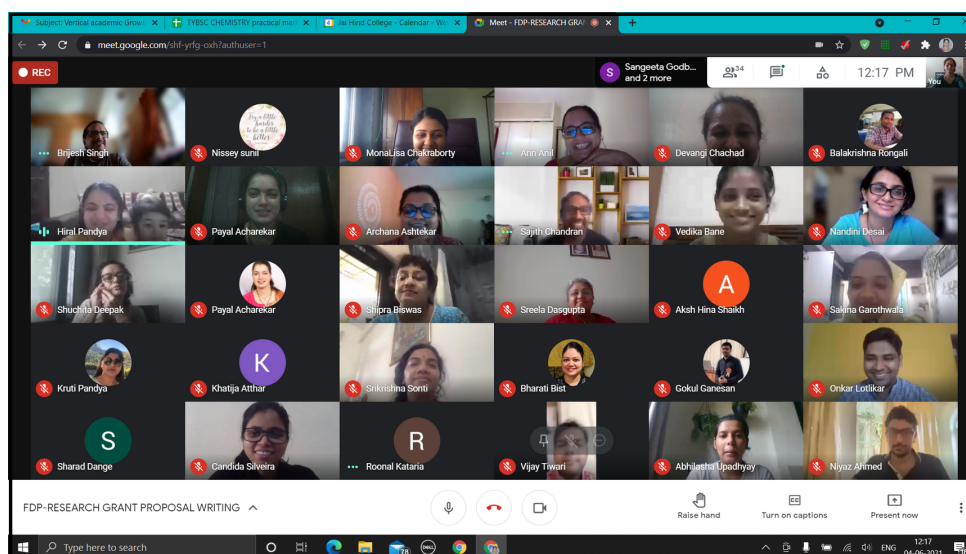
## RESEARCH CELL

The IQAC and Research Cell of Jai Hind College organized a virtual 2-days Faculty Development Programme on 'Research Grant Proposal Writing', on 3rd and 4th June, 2021. 40 participants from Science disciplines benefited from this Faculty Development Programme. The resource speaker for the programme was Dr Annama Odenath, Assistant Professor in Biochemistry, DBT-ICT Centre for Energy Biosciences, Institute of Chemical Technology (formerly UDCT).

On Day 1, Dr Annama focused on how to promote interdisciplinary research among teachers. She stressed on designing projects based on United Nations 17 Sustainable Goals which are the driving force of research. The participants were divided in 10 groups and through a group discussion the session was made interactive. Each group was given a task to brainstorm and design a proposal based on the 17 goals which was to be submitted as an assignment.

On Day 2, Dr Annama shared the guidelines to be followed while writing a research proposal as per the DBT format. She also elaborated on the various thinking skills needed to ignite the research mind. She covered every aspect of proposal writing, right from registration as a user at ePROMIS, giving the general information about the institute and the project, Details of the investigator, Workplan, Budget particulars, Proforma for Biographical sketch and Declaration. The session ended with the concluding remarks from Dr BKN Singh, Vice-Principal, Science, who motivated all the faculty members to come up with research proposals and apply to various funding agencies

Besides the grant writing, the speaker also introduced various useful tools to the participants such as Wonder-online events for group discussion, lens.org and Microsoft academia for literature search. Overall, it was a very informative, interactive and beneficial event.





## **ACTIVITIES AND EFFORTS BY JUNIOR COLLEGE STAFF AND STUDENTS**

JHC JC geared up & started all preparations to host all of its nearly 1400 students at the home center i.e. at the JHC. The quick & prompt response & consent without any reservation for the same by the JHC earned praise for the JHC from the Education Department. JHC readily consented keeping in mind convenience & comfort of students & parents; thereby upholding its policy of maximum facilitating its stakeholders.

The CoVID -19 wave 2 situation led to deferment of the exam in mid April & its cancellation in June; by Govt. JHC JC continued with smooth online teaching: learning of these students. It held a self devised & executed Online Unit Test 1 in March. The test witnessed an attendance of almost 100% students. JHC JC conducted revisionary lectures; after completion of syllabus in early March for SY XII; till 30/4 & stopped only on announcement of the summer vacation from 1/5. JHC JC had already scheduled & announced the Online Unit Test 2 in Mid May; but all the teachers & students unanimously opined to go ahead with the test & also take lectures till 5/5 to bring a logical end to the academic year.

WITH THIS; ONLINE LIFE AT JHC JC COMES A FULL CIRCLE FROM JULY 2020 TO JUNE 2021. IT IS A PARADIGM SHIFT FOR TEACHERS OF JHC JC; WHICH WE ALL MANAGED WITH PERSEVERANCE & POSITIVITY; WITH A SINGLE POINT FOCUS OF GIVING NOT ONLY THE BEST TO OUR STUDENTS BUT ALSO SET TRENDS OF FINE PRACTICES.

**"I WILL & I CAN  
WE WILL & WE CAN"**



## **NSS UNIT OF JAI HIND COLLEGE**

NSS unit of Jai Hind College organised numerous sessions throughout the year for serving knowledge to its volunteers on all topics round the globe. There were sessions on financial literacy, awareness on platelet donation, sessions attended by volunteers organised by the university of Mumbai, and to top it all we went online for our most loved and awaited fest UMEED. We went live on youtube and the occasion was also graced by the presence of Principal Sir Ashok Wadia. 8th march was Celebrated as international women's day with zee entertainment and IAGT. The volunteers also participated in the VCAN organized online road safety campaign. We organised a 7 day event for NSS volunteers on the Theme "Towards a healthy routine" Following to which we invited Ms. Simmin Bawa for an online session on Cosmos and Love. In order to help our volunteers relax during the pandemic, we also organised a session on stress management by Ms. Prathna Sharma. To imbibe leadership skills among the volunteers, invited the student council head Mohit Dewan for a session on Leadership. Also organised a session on Mind Journaling by Ms Shubhangi Rastogi.

In order to create awareness, circulated online alert message from Civil Defense Mumbai about the weather conditions in Mumbai after cyclone Tuktae. Also informed about the internship opportunity by circulating an Online Internship Opportunity link to students with YGPT after their exams. The Volunteers actively participated in 'Shivswarajay Diwas' organized by Marathi Vangamay Mandal of Jai Hind College.

On the 13th of June New NSS core committee was formed for the academic year 2021-22. June Ms Tanzila Khan organized a session on 'Aquaponics' with the volunteers sharing her research work and experience while preparing for Avishkar- Organised by university of Mumbai. The year was very enriching in learning experience for the volunteers.





## **INDIA'S NEW DRAFT ON E-COMMERCE RULES AND ITS IMPACT ON BUSINESSES**

The number of Indians shopping online is constantly increasing and so are the consumer complaints. Between April 2020-February 2021, a total of 188,262 complaints were logged relating to e-commerce transactions. So, to prevent malpractices and protect the consumer, The Union Government proposed a new draft on the 21st of June, 2021 which seeks to amend the Consumer Protection (E-commerce) rules 2020. These amendments not only aim to stop the unfair trade practices that hurt consumers but also curb the dominant position that the e-commerce entities' hold in the market. Some of the major amendments proposed in the draft are as follows:

1. Ban on misrepresentation of goods, manipulating search results, misleading advertisements, misuse of consumers' information and specific flash sales
2. Compulsory registration of e-commerce entities with the Department of Promotion of Industry and Internal Trade (DPIIT)
3. Appointment of Chief Compliance Officer and Resident Grievance Officer
4. Adequate disclosure to consumers by sellers who want to cross-sell
5. Providing government with the receipt of an order within 72 hours, if required for any prevention, detection, investigation or prosecution under any law
6. Fall-back liability on all the e-commerce entities
7. Fair ranking of goods and services on the e-commerce websites
8. Mandatory mention of the details of importers and country of origin

This draft, if adopted, will make the operations of all e-commerce entities more stringent than ever. As this draft does not distinguish between foreign and domestic e-commerce entities, it will impact Big Giants like Amazon, Walmart and Indian E-commerce entities like Jiomart, Nykaa alike. The government will be open to suggestions on the proposed amendments till the 6th of July, 2021 post which the amendments will be finalized. The draft seems to be an undeniably promising one for the consumers, but a complete antipode for the entire e-commerce module.

Prakriti Ahuja  
TYBCOM

## COVAXIN VS COVISHIELD

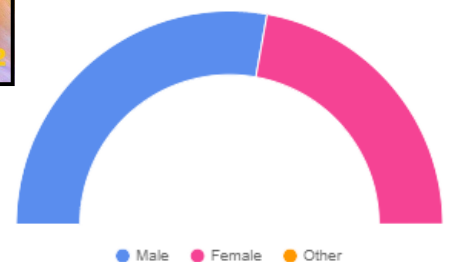
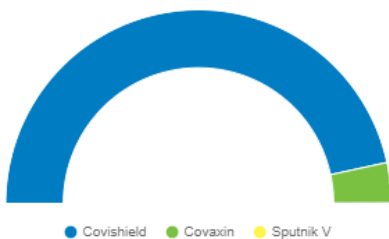
The Covid-19 Vaccination drive has already begun in India. But, the biggest question is which one is more efficient?

If we talk about Covaxin, we need to know the features of Covaxin and how it actually works. Covaxin is an inactivated viral vaccine developed with Whole Virion Inactivated Vero Cell-Derived Technology. The second dose of Covaxin is scheduled after 6 to 8 weeks of the first dose.

The effectiveness of Covaxin is 81% as per the interim 3rd phase trial results. If it is applied in a 3 phase trial, it will have an effect of 77%-100%. They can be applied to people who are 18 years of age or above. After the doses are taken, it takes a few weeks for the body to make the antibody, meanwhile, the person may get infected. Bharat Biotech claims that it will be effective against all the variants of Covid-19 virus. In a study conducted in collaboration with the National Institute of Virology and Indian Council of Medical Research, it is revealed that vaccination produced neutralising titres against all key emerging variants tested, including B.1.617 and B.1.1.7 .

Covisheild has a Chimpanzee Adenovirus ChAdOx1- has been modified to enable it to carry the Covid-19 Spike Protein into the cells of humans. Covishield vaccine is given after 84 days or 12- 14 weeks after the first dose is administered. Its effectiveness is about 90% as per global reports. It can be given to people who are 18 years old or above. It was previously given at an interval of 6 weeks but later it was found that if it's given after 42 days of the first dose, its efficacy is 55.1% but if it's given after 84 days of the first dose, its efficacy increases to 80%-90% respectively. One thing to be noted is that the average efficacy of a single dose is 76% which is actually higher than that of the 2-dose regimen.

Prajwal Chowdhury  
SYBSC



## **COVID - 19 IMPACT ON INDIAN FINANCIAL SECTOR- STOCK MARKET**

Covid-19 Pandemic which started in 2020 and is ongoing with a very disastrous effect even today, has also impacted the Indian Economy drastically making the Indian GDP rate fell to -7.3%. While the world has witnessed many financial crises in the past, the last being the global recession of 2008, the current coronavirus crisis is different from the past fallouts which also has widely affected the Stock Market of India.

The stock market in India has experienced volatility during the pandemic period. This pandemic is not only a global health emergency but also a significant global economic downturn too. The financial market has all responded with the traumatic movement and adversely affected the economy. The economic turmoil associated with Covid 19 has struck the financial market severely including both the stock and bond markets.

Firzli (2020), refers to this pandemic as "The Greater Financial Crisis".

Ever since the inception of Covid 19, markets have loomed under the fear of uncertainty. It has sent markets around the world crashing to different levels. The BSE Sensex and Nifty 50 fell by 38 percent following the strong correlation of the Global Markets. The stock market has reflected the sentiments this pandemic unleashed upon foreign investors as well as domestic investors. Volatility soared in the Indian stock market when India joined a near-worldwide lockdown in March 2020.

In response to current turmoil, RBI and the Government of India have come up with an abundance of reforms such as reductions of repo rate, regulatory relation by extending moratorium, and several measures to boost liquidity in the economy. Drops in the BSE sensitive index are temporary, Even though it's hard to predict the magnitude and impact of Coronavirus on the economy, the markets will certainly bounce back soon as the crisis gets over. With an average annual return of around 15 percent, by growing from 100 points in 1979 to over 41,000 points in 2019, Sensex has proven time and again that corrections are temporary, but growth is permanent.

HARDIKA DOSHI  
TYBCOM A  
UID No. : 19BCM060



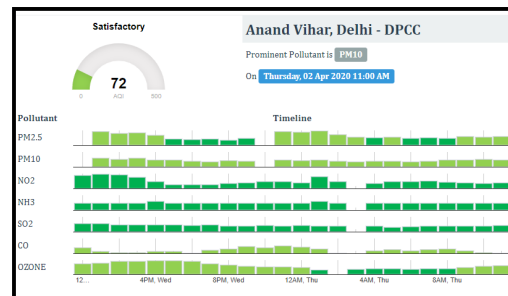
# AIR POLLUTION AMIDST LOCKDOWN IN INDIA

Covid-19 Pandemic led to a nation-wide lockdown in our country with the first lockdown starting on 24th March 2020 followed by a series of lockdowns imposed in the coming months. While everyone was confined to their homes getting used to work from home culture, staying connected through digital platforms, shopping online for essentials and familiarizing with the new normal - wearing masks, social distancing and use of sanitizers; a new story was unfolding in nature.

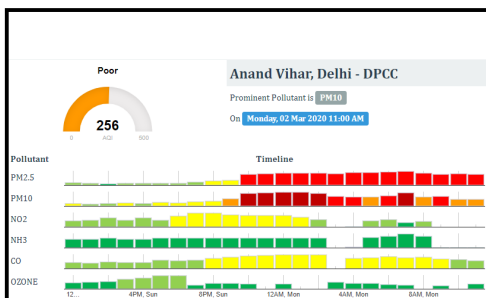
This nationwide restriction succeeded in improving the air quality in metropolitan cities like Mumbai, Delhi, Kolkata, Chennai, Bangalore and Hyderabad (CPCB air quality index). Industrial activities were on a standstill, Land and Air transportation services had declined, a substantial reduction in greenhouse gas NO<sub>2</sub> emitted during burning of fossil fuel (12% throughout India and 31.5% across major cities) was noted along with a drop in Land surface temperature (1% cooler during the day and 2% cooler during the night) when compared to last 2 years data. Reduction in anthropogenic activities aided in a remarkable decline in atmospheric pollutants to such an extent that Mumbai, Delhi, Kolkata and Bangalore achieved 95% of National Clean Air Programme (NCAP) targets set by the Centre within a 74 day lockdown duration. The notorious of all air pollutants - Particulate Matter (PM 2.5) causing approx. 1.7 million deaths in 2019 in India showed a significant reduction to 20-49 µg/m<sup>3</sup> (40-60 µg/m<sup>3</sup> standard level) across 4 major cities of India.

The pure air, cleaner water, lesser noise, almost no human commotion outside opened a new arcade for wildlife and they came out from their hiding into our concrete jungle. For a change, we humans were locked up and wildlife was set free. A reminder by Mother Nature to play fair. The harsh reality on the other side will hit badly when life will come back on track. Going back to square one is not an option, rather upgrading to environment friendly changes like cleaner fuel source, more stringent policies, use of public transport, electric vehicles and protecting our green cover is the need of the hour.

CPCB air quality index after lockdown



CPCB air quality index before lockdown



Dr. Bharti Bist

## **PHILOSOPHICAL REFLECTIONS ON LESSONS OF LIFE THROUGH THE PANDEMIC**



When the pandemic struck with shocks of lockdown, non-availability of hospital beds, losing loved ones, fear and uncertainty about the future, a number of students asked me various questions about individual karma, family karma, global karma, life after death, destiny, immortality of the soul, kal yug, sat yug, etc. My thoughts were going wild wondering what these young minds might be dealing with. Following are some thoughts gathered after discussions with students.

▪ We are human beings and are ever evolving. Adjusting and being flexible is one of our prime qualities and also coping techniques. Our planet and its inhabitants are still evolving physically, emotionally, intellectually and also spiritually. We shall overcome all obstacles and move forward as we have the power to move on and create life anew when required.

▪ Being under lockdown, we faced our family and ourselves as they are and as we are. Relations evolved; the unspoken was said; fear of losing a loved one made us express our emotions freely. We faced our best friend and our worst enemy - ourselves. Self-knowledge through self-dialogues, unknitting many knots held within for long, self-counselling, crying, laughing, being angry, forgiving and also loving... it all happened as we faced this person with whom we have lived forever. We wore masks physically but emotionally we unmasked the various facets within us.

▪ Valuing our bodies, labor and food became our second nature with wearing masks and gloves, contributing domestically to the household chores and worrying about availability of stocks and that took us back to the basics of the prehistoric man who cared for his well-being, searching for food through gathering and hunting. Indeed, life comes a full circle without us realizing that it has.



▪ Creation seems to be another boon where we put on our thinking caps and create dishes, online teaching-learning resources, courses, entrepreneurial set ups, social media pages and YouTube channels. We created so much and that too is a part of our human quality of adaptation.

▪ Communication went online - Zoom - Google Meet - WhatsApp calls even personal events such as birthday parties, sangeet ceremonies and streaming funerals. We adapted to a new mode of interaction and kept our basic instinct of being social animals alive.

▪ So, the final question is what is my/our karma to go through corona? We all learnt and picked up lessons on the way as per our life plans. Health and wealth are spiritual teachers and much revolve around them. Sympathy for those close to us and empathy for those we heard or saw suffer; silent prayers on our lips for all of humanity; patiently waiting and hoping for early unlocking, vaccines to enter markets and getting ready for 100% reopening!

Have we learnt or are learning anything more while living through a historical period in the evolutionary process of the planet? Let's reflect!

MS SIMMIN BAWA



**This issue of the newsletter aims at highlighting the activities undertaken by the various departments between January 2021 to June 2021. Several other activities have also been conducted for the students.**

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