



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED

EVENTIA

A BIMONTHLY NEWSLETTER

Volume: 1 | Issue: IV | July - August, 2020

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Message from President's Desk

Shri P.K. Taneja, IAS (Retd.)

President - GSFCU

Former ACS Industries, Home and Forest & Environment, GoG



New academic season has begun; so, has begun new hopes. I like to congratulate all the students who have moved up to the next steps of the life. The crucial time of the pandemic has taught us the art of adaptation and we learnt and in the process to learn the new techniques and tools of e-learning. I am sure our shining stars will shine and achieve the pinnacle of success.

I would like to mention two things here. One, the awesome accomplishment of the Multidisciplinary Internship Project that our University students have gone through was incredible experience not only for the students but also for the faculty. I must mention the role of the Industry mentors here who guided them for the professional dimension and showed them the path of the professionalism. The second thing I like to mention is the first virtual celebration of 74th Independence Day where our students took part in elocution completion as well as the university band **The Diversity** performed so well. These efforts of our students, show that our university has not only succeeded to give them academic excellence and scholastic proficiency but also overall holistic brilliance. This has increased confidence to take events on virtual platforms.

I wish that all the students should learn the technical expertise that makes them industry ready as well as developing the right attitude to be a good human being, becoming the true the asset to the society.

All the best for all the future endeavor!

Message from Provost's Desk

Dr. Nikhil Zaveri
Provost (Vice Chancellor)
GSFC University



Society today is witnessing fundamental changes precisely because of the 'New Normal' that has prevailed after and during the pandemic. To cater to the need for this constant change we need to undergo a complete transformation from traditional teaching to online e-learning and I must congratulate all the students and teaching fraternity to adopt the changes required to make our educational system stronger. Compliments to the students for on-time completion of the previous academic session and for the beginning of the new academic session.

We, as a University, have grown by leaps and bounds while coping with the new technologies and approaches. All the students, teaching fraternity and all the staff members need to be applauded for the same. I appreciate the gestures of the students taking part in the unique internship, elocution competition, virtual lab tasks, university band performance which shows not only academic excellence but also holistic development. The university has a series of symposia, webinars and different kinds of workshops during this time where not only students but teachers have also taken part quite enthusiastically.

I am sure that the overall efforts of our students and teaching fraternity can bring the new heights of success for our University.

I wish all the best to all the students in every path of their life.

From Editor's Desk

Ms. Sneha Bajaj
Chief Editor - 'Eventia'
GSFC University



“Never doubt that a small group of thoughtful, concerned citizens can change the world. Indeed it is the only thing that ever has.” Margaret Mead

I am very happy to quote Margaret Mead as the quote exactly expresses what our fourth Issue of Eventia consists of it.

A warm greeting from the team Eventia on the beginning of the new academic year that started with an enthusiasm and zest of its own kind. This issue of Eventia brings about all the students' activities and highlights not only the academic vitality but also the overall performance of the students in activities other than academics. The multidisciplinary Internship with the theme of New Normal was one of the unique accomplishments of the GSFC University whereas the Virtual Celebration of 74th Independence Day was a new feather in the cap of the success. We have got the new dimension of the entertainment in the form of the Diversity – an official University Band and in the other hand, we have got e-cell - a student-managed club under GUIITAR and AICHE – A Student Chapter GSFC University totally managed by the students themselves as a new ray of the leadership getting nurtured under the GSFCU umbrella. I am so proud to showcase the talented students of our university under this issue of Eventia.

Not to forget the contribution of the teaching fraternity and all other staff members of University to bring this holistic approach to the education, I like to congratulate each one who was behind the scene for the same. The issue also discusses the Value education, financial trends and even New Education Policy – 2020.

I convey my deep respect to the team Eventia for their continuous support.

With Best Regards,

Ms. Sneha Bajaj

Chief Editor – 'Eventia' & Assistant Professor GSFC University

The Virtual 74th Independence Day Celebration 2020

Ms. Shivani Joshi

Teaching Assistant – English
GSFC University



The current pandemic situation has brought evolution in every walk of life and GSFC University is prepared for every foreseen and unforeseen situation. Since its establishment, GSFC University has clubbed the various celebrations with GSFC Ltd, however, this year in 2020, due to Covid-19, the university had no valid point to celebrate the Independence Day on campus. Understanding precautionary measures and following the guidelines provided by the government, GSFC University planned to organize the unprecedented celebration of Independence Day - yes! GSFCU celebrated it virtually.

The Event Management Club, mentored by Ms. Priyanka Pandya, took up the responsibility of coordinating this online event. Ms. Shivani Joshi along with the student from Biotech Ms. Ashi Singh hosted and handled the string of the events. The event commenced with a welcome speech by Provost Dr. Nikhil Zaveri. The honourable president of GSFCU Shri PK Taneja unfurled the Tricolour and addressed the gathering. Independence Day is also the day of the release of Science View Magazine run by GSFCU.

GSFCU took up the opportunity of awarding students with academic excellence. President Sir honored the students who secured the first rank in their stream along with the students' team who secured the top three positions in the interdisciplinary internship - 2020. The SM Club also organized the E-Banner making competition on the theme of - "My India, New India: Post Covid 19 Arena". All the posters were exhibited by Ms. Priyanka Pandya. The Diversity - an official University Band had a performance for with the prerecorded the songs and music at their home and compiled all together to create a melodious atmosphere. The event was, then, followed by the Elocution competition. Total 15 students participated and shared their views on the topic - "Post Covid 19 India: What is Sad, Mad and Glad about it?" Ms. Sneha Bajaj hosted the event. Mr. Hitesh Raviya, Dean, The Arts Faculty, HoD and Professor, English Department, The Maharaja Sayajirao University, Ms. Sonal Kotal, Founder, Integriti Investments, Vadodara and Ms. Neha Wadhvani, HR, GSFCL consisted of the jury panel. I am taking this newsletter article as an opportunity to announce the winners of the Elocution Competition.

Ms. Veera Patel – BTech Chemical – 2nd Year secured the First Position.

Mr. Ashwin Sharma – BBA – 3rd Year secured the Second Position.

Mr. Mitul Chitania – BSc Biotech 3rd Year secured the Third Position.

You can witness the glimpse event of Independence Day on YouTube - <https://youtu.be/LmduFH0lg3g>

Check out the rocking performance of University Band - <https://youtu.be/WqRhG8vUdeQ>

An Inter-disciplinary Internship with a theme

“Ideas for New Normal”

STUDENT & FACULTY INTERNSHIP - (June – July, 2020)

Ms. Aparajita Jha
Training Officer
GSFC University



A. Preamble:

The COVID-19 pandemic has intensely influenced the lives of people on the planet. It has drastically altered daily routines. The same is true for businesses. Many businesses have shut down or changed to accommodate social distancing. New patterns of consumer and worker behaviour and expectations are emerging during this pandemic regime.

Due to its uncertainty and unpredictability, in recent weeks, the focus has begun to shift towards ways to address its health and safety risks while also accommodating an appropriate level of economic activity. Businesses have historically overcome this type of challenges through the introduction of risk-mitigating technologies, which in this pandemic include technologies, business practices, and strategies that improve customer and employee safety by mitigating the risk of contagion. In the past, medical device advancement developed in response to a rise in consumer awareness of radiation risk.

An increase in risk perception makes consumers more willing to pay for safety features, which, in turn, provides producers greater incentives to develop and commercialize technologies that address consumers' demands for safety.

In this process, firms have an opportunity to reassess their options. They can invest in new as well as shelved technologies and product designs that are particularly effective in mitigating risk and improving safety—even when they are initially inferior in terms of costs, user-friendliness, or other quality dimensions.

Due to its uncertainty and unpredictability, the focus has begun to shift towards ways to address its health and safety risks while also accommodating an appropriate level of economic activity. Hence

this incorrigible pandemic has imposed immense challenges worldwide. The focus is on to ameliorate the prevailing situation and we have to learn to sail in these turbulent times.

GSFC University with its unwavering commitment towards academics is efficiently managing its 'online classes 'online examination'

As per the guidelines issued by UGC on date May 4,2020 it was informed that the Universities has to make arrangements for online internships or activities which can be done from the comfort of their home, in the digital mode, amid the corona virus lockdown.

Hence GSFC University executed an online interdisciplinary - Internship for 886 students on the theme "IDEAS FOR NEW NORMAL', from June 08, 2020 –July 14, 2020. The students were divided in 149 teams each team comprising of six students from different schools, each team worked under the guidance of a faculty Mentor and an Industry Mentor on a project title revolving around the theme mutually decided by faculty and Industry Mentor.

The Internship Successfully completed on July 15,2020 and all the internship projects were evaluated by external evaluators. The Best three projects were awarded cash reward Rs 11000/-

Broad areas of Internship Projects:

1. Technologies for production, processes, administration, marketing, recruitment, finance, advertising, etc.
2. Business Practices, like customer attraction through discounts, delivery of goods / services, customer acquisition, etc.
3. Business Process, like logistics & supply chain, scheduling of orders, etc.
4. Customer Safety and
5. Employee safety

AREAS COVERED UNDER INTERNSHIP PROJECTS

SECTOR- WISE

Sr.no	Sectors	No. of Projects
1	INFORMATION TECHNOLOGY	48
2	PRODUCT MANUFACTURING	25
3	BIOTECHNOLOGY	14
4	EQUIPMENT & TOOLS MFG.	8
5	HOSPITALITY	2
6	EDUCATION	10
7	MARKETING	8
8	INDUSTRIAL SECURITY	1
9	HEALTH	14
10	ENVIRONMENT	3
11	FOOD INDUSTRY	1
12	AVIATION	1
13	LOGISTICS	1
14	WASTE WATER MGT.	8
15	DATA ANALYTICS	6
	TOTAL	150

Internship with a Global Mentoring Approach



Total no of Industrial Mentors: 72 nos

•Industrial Mentors from overseas: 8 nos.

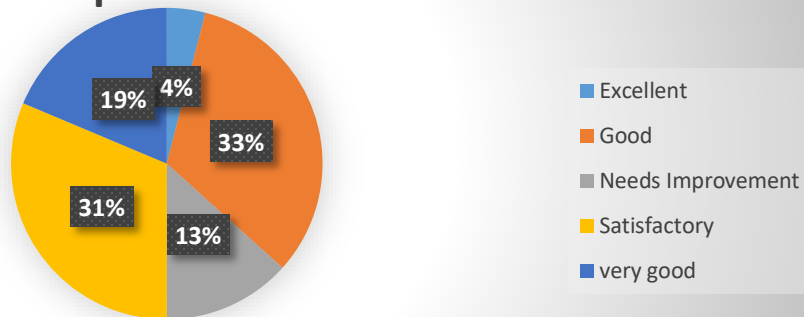
Industrial Mentors from India (outside Gujarat): 12 nos

•Industrial Mentors from Gujarat: 52 nos

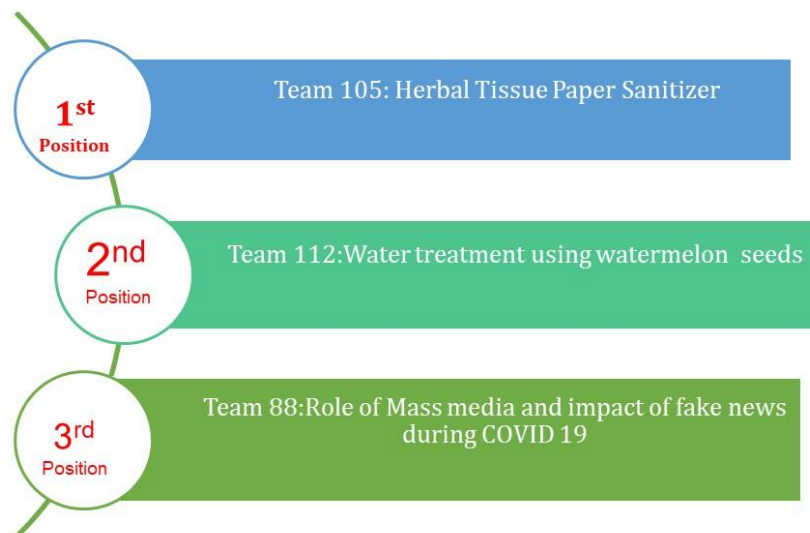
INTERNSHIP EVALUATION SCORE

Scale	No of Teams	Score
Excellent	6	80 Above
Very Good	28	71-80
Good	49	61-70
Satisfactory	47	51-60
Needs Improvement	20	below 50

Internship- Evaluation Score



THE BEST THREE INTERNSHIP PROJECTS



Knowledge Concavity AIChE GSFC University Student Chapter

Mr. Gaurav Saxena
Faculty Advisor
GSFC University



Mr. Jayrajsinh Parmar,
President
GSFC University



Mr. Mohd.ZaidSakarwala,
Vice President
K-12 Member AIChE ESC
GSFC University



Mr. Varshil Patel,
Treasurer, Co-Secretary
GSFC University



Mr. Manan Dhokiya,
Secretary,
GSFC University



Mr. Stavan Sojeetra,
Programme Committee Chair
GSFC University



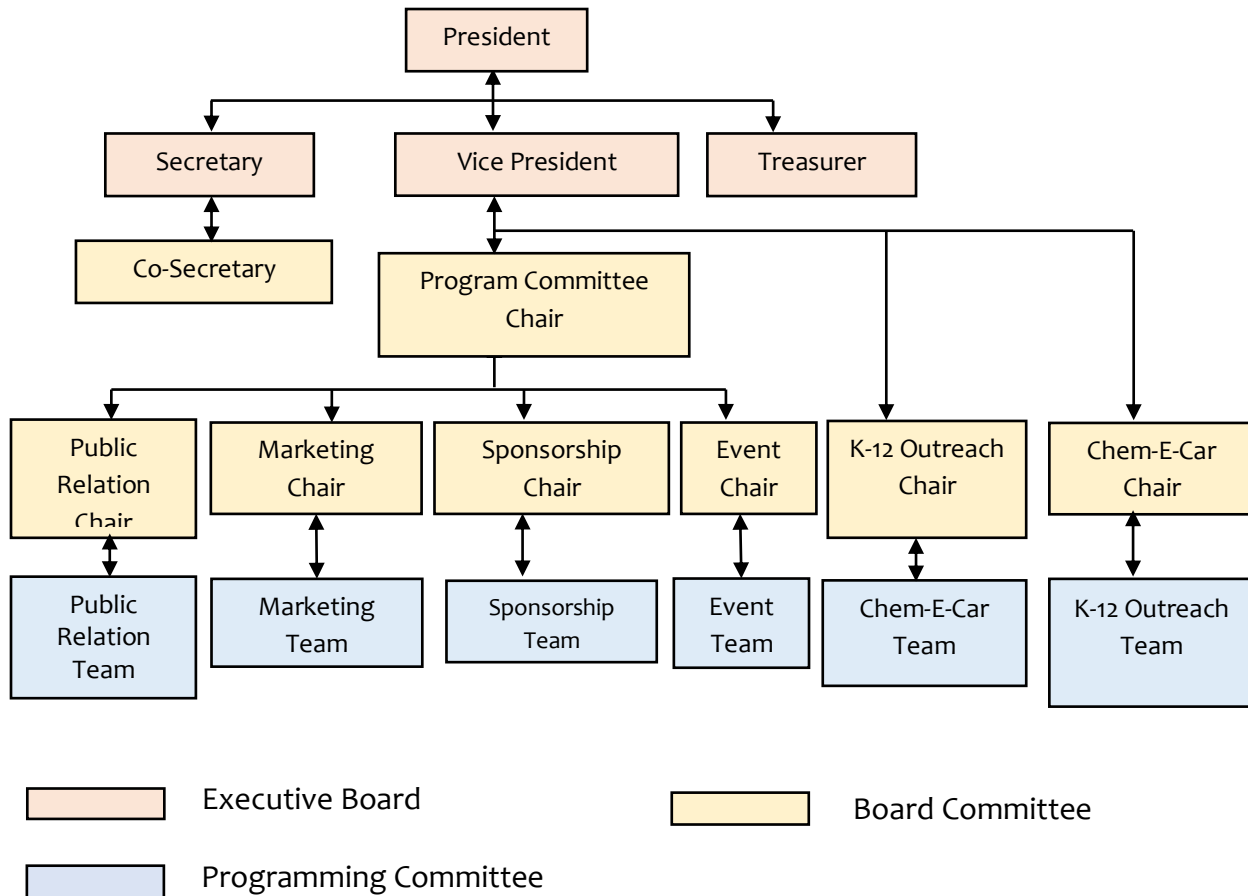
A cordial greeting on behalf of AIChE GSFC University Student Chapter.

The American Institute of Chemical Engineer (AIChE) is the largest chemical engineering organization founded by William M. Booth, Arthur D. Little, Charles F. in the year 1908. We the undergraduate members of AIChE took the leap to establish the AIChE GSFC University Student Chapter which was officially recognized by AIChE officials on 2nd May 2020.

The vision and mission of AIChE GSFCU SC are to support undergraduates to instill professional trades by collaborating with the various organizations, by connecting with chemical engineering undergraduates to grow a large ChemE network and a consortium of professionals worldwide, to

leverage better awareness of chemical engineering profession and by organizing varied events and competition throughout the year.

The organogram of the AIChE GSFUCU SC is as follow:



Some of the initiatives of AIChE, our student chapter gravitates to instill in its members for professional development are K-12 Outreach Program, CEP (Chemical Engineering Progress) Magazine, Safety and Chemical Engineering Education (SACHE) Certification, Sister Chapter Program, AIChE Academy, Student Pocket handbook AIChE e-Library, AIChE Career Engineer and different core regional and international competitions like Chem-E-Car, Chem-E-Jeopardy, Paper, Poster Presentation and many more.

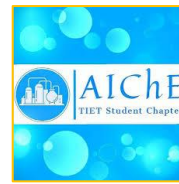
A glimpse of the relationship that we have made during the lockdown period, which helped us to make a bond of intimacy to provide better future opportunities, which gave us a platform to the exchange knowledge, ideas, culture, chemical engineering curricula and much more with other AIChE Student Chapter globally and domestically:



UNAH
Central America



University of Florida
United States



TIET
Punjab



ITB
Indonesia



IIT-GN
Gujarat



VIT
Tamil Nadu



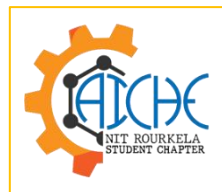
UTEC
Peru



BITS Pilani
Rajasthan



ESPOL
Ecuador

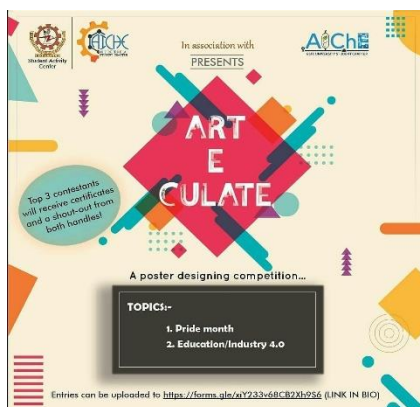


NIT Rourkela
Odisha



UFRJ
Rio de Janeiro

It was one of the biggest challenges for us to conduct events while being off campus certainly, we conducted 15+ online events to make everyone feel sanguine considering the lockdown boredom prevailing amongst the youth, I would like to mention few of them.

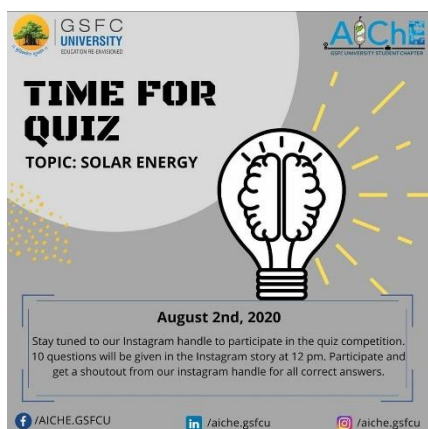


Art-E-Culate

It was a poster competition conducted in collaboration with NIT Rourkela.

Topics: 1) Pride Month
2) Education/Industry 4.0

Participants: 20+



Solar Energy (Weekly Quiz)

Accounting the global climate change, to create awareness the solar energy topic was selected.

Participants: 80+



Photography Competition

Photography was found one of the best stress busters in lockdown.

Theme: “August – The month of festivals”

Participants: 40+

Finally, we are glad to announce that AIChE GSFC University Student Chapter is bringing a set of professional development series which will contain expert talks, webinars, panel discussion, symposium, international collaborations, and a virtual Chem-E-Fest with a plethora of events and webinars.

You can contact us through our mail: aiche@gsfconiversity.ac.in

To find out more about us, you can follow us on social media.



GUIITAR – e - Cell GSFCU

Raghav Batra
President
GSFC University

Piyush Makkar
Vice President
GSFC University



About NEC:

- Entrepreneurship Cell is essential for any college because it develops students' entrepreneurial spirit, which we believe is instrumental for our country to develop. NEC is the platform that helps colleges to build an actively functioning E-Cell. It's a 6 month-long competition where we guide students by giving them tasks that are essential for any Entrepreneurship cell to work smoothly.

About Us:

- A group of CSE students with the help of GUIITAR wanted to initiate a wave of entrepreneurial mindset among their fellow mates of GSFC University. With a touch of madness and zeal, we went through a journey where we developed a skillset of an entrepreneur and were finally able to get the best out of us amongst 700+ other teams!

Upcoming Plans:

- Now we embark upon a journey where tougher opponents, tougher tasks, tougher decisions await us. Thereby, we welcome students across the university to join us in the new chapter of NEC Advance Track wherein we sky-rocket the cell to newer heights.

SOME INITIATIVES TAKEN BY US:

- **Go Digital Campaign:**



- Padhoge Banoge



Likhoge Toh Nawaab:

- Reporting village



problems of people to Panchayats:

- Awareness on Menstrual Hygiene:



Finvest Chronicle:

Dr. Chetna Parmar

Associate Professor – SOM- GSFCU
GSFC University



Economy outlook

Indian economy continued to recover in July 2020 post the shock of pandemic and later lockdown in April 2020 and May 2020. However, recovery is still in growing stage and its sustainability over next few months needs to be closely monitored. Fiscal and monetary measures announced should also support this stimulation.

As global economic, US real gross domestic product fall a record annual rate of 32.9% in the second quarter of 2020, post of 5% decline in the first quarter. US Federal Reserve (Fed) ensured to keep interest rate unchanged at 0-0.25%. The Fed also said its commitment to maintain its bond purchase, and the array of lending and borrowing rate curve, with current liquidity position.

YoY,% May	May - 2020	June – 2020	Change in %
CPI 6.3 6.1 -0.18	6.3	6.1	-0.18
Food & Beverage	8.4	7.3	-1.09
Fuel and Light	1.6	2.7	1.12
Housing	3.7	3.5	-0.12
Core CPI@/	4.9	5.4	0.49

Source s: CIME @-CPI excluding food, fuel, transportation & housing –

Food inflation: Inflation softened a tad in June 2020 driven by fall in food prices especially fruits and vegetables. However, inflation of other constituents of food index like pulses, meat, edible oil, etc. remained at

same level. Further, driven by rise in duties on petrol and diesel, the fuel inflation rose. Core CPI@ also increase mainly driven by higher gold prices. While inflation in near term can remain stable due to supply side disruptions, it is likely to moderate in H2FY21 on account of base effect, weak aggregate demand and normalisation of supply.

Trade Deficit improves with positive sign:

India's trade deficit for June 2020 turned positive, a first after 18 years, due to month on month improvement in non-oil non-gold* (NONG) exports while NONG imports contracted. The details of each item of exports and imports are not published yet and hence it is difficult to assess which segment led to the improvement.

From the available information, it is evident that growth in export of engineering and electronics goods was healthy while imports of ores were lower than last month. The weakness in non-oil non-

gold imports also indicates that domestic demand remains muted. Net oil imports rose due to rise in oil prices while net gold imports was relatively stable supported by growth in exports of gems and jewellery.

Amount in \$ Million	May - 2020	June – 2020	Change in %
Trade Deficit	3147	-793	NA
Net Oil Imports	1858	3063	64.9%
Net Gold Imports	-270	-184	-31.9%
Trade deficit in ex oil & gold	1560	-3672	NA

Source for various data points: Bloomberg, NSDL, CMIE, RBI, Kotak Institute research NA- Not Applied

Trade deficit is expected to improve in FY21 due to low crude oil prices, weak gold volumes and likely fall in non-oil non-gold imports. This is likely to be partially compensated by weaker exports. This defined well for current account (despite lower remittances) and balance of payment for FY21.

Indian Equity Market

Valuation Ratios	July 20	10 Years Average
P/E Ratio	26.20	20.48
P/E Ratio Nifty	30.20	19.94
Price/Book Value Ratio/Sensex	2.82	2.85
Price/Book Value Ratio/Nifty	3.12	2.76
Dividend Yield Sensex	1.03	1.41
Dividend Yield Nifty	1.49	1.41

Sources: www.bseindia.com/www.nseindia.com

In Indian equities ended with strong gains driven by hopefulness around pickup in economic activity from the bottoms seen in April 2020, positive news on vaccine developments and involvement of Indian scientists, better than expected Q1 results, etc. This was partly make up for by risk of second wave of COVID-19 infection. In the fixed income markets, while 10Year G - sec yield was largely range bound, credit environment improved significantly with spreads of corporate bonds easing on back of improvement in sentiments and impact of measures taken by RBI.

Lesson to Learn

Reevaluating the Values

Mr. Dhairya Patel

Teaching Assistant – Physics
GSFC University



“If wealth is lost nothing is lost.

If health is lost something is lost.

If character is lost everything is lost.

Best of all things is character.” — Father of Indian Nation ‘Mahatma Gandhi’

“Education without values, as useful as it is, seems rather to make man a more clever devil.” — C.S. Lewis

Degradation of moral values among our young generation is at present a blazing issue. In the past, moral values and graciousness were prominent in most teenagers. Majority of the youths then learnt respect, courtesy, consideration, decency, propriety, honesty and righteousness from a young age. From an ethical point of view human actions can be judged as good or bad right or wrong moral or immoral. Broadly, Morality means honesty of character, fairness in attitude, absence of evils like hatred, jealousy, greed, telling lies, etc.

Indian epics such as Ramayana and the Mahabharatha have given utmost importance to the ideal man or woman possessed of virtues who are role models to humankind. These epics and the Panchatantra stories that emphasize the need for personal values have long been the traditional resources to impart value education to Indian students.

The Srimad Bhagavad-Gita says,

“Fearlessness, purity of heart, steadfastness in knowledge and devotion, benevolence, control of the senses, worship, study of scriptures, austerity, uprightness; non-violence, truthfulness, freedom from anger, renunciation, tranquility, aversion to slander, compassion to living beings, freedom from sensuality, gentleness, modesty, steadfastness; vigour, patience, fortitude, harmlessness, freedom from vanity . . . are present in those born to a divine heritage.”

People who possess the values that are mentioned above attain greatness and recognition in their lives.

Value originates from the Latin word ‘valere’ which means ‘worthwhile.’ A value is one of the many alternatives that an individual chooses and acts upon because it increases human development.

Youth in India is getting increasingly inclined towards violence, social evils and lack of respect towards elders and teachers which can break down social harmony as well as national integration

Today's youth often turn into individuals who can compete professionally, but cannot accept defeat. They become individuals who can only criticize, but cannot take criticism in its right sense; they easily become men and women who can understand materialism but cannot see the innate goodness of the other person; they focus on gratifying their senses, but cannot empathize with others in their sorrow and pain.

Moreover, creative mind of youth diverted towards unsocial activities like smoking in public place, misbehaving in class, drug addiction, misconduct in the household and juvenile delinquency etc

In India, the new and vibrant present is challenging its rich past and values. Some of the major factors affecting degradation of moral values among Indian young generation are listed below

Influence of Nuclear family and materialistic way of life:

These are very important factors for degenerating moral values among youth. In a nuclear family especially where father and mother both are working; have no time to share with their child. The feelings and emotions of the child remained unentertained. So, the child finds some other places like T.V, peer group, bad literature etc. to share feelings and emotions and start behaving immorally as revolt.

Breakdown of parental control of children in families:

Now a day's parental control over their children decreases day by day, as a result of it autonomy of young generations is increasing rapidly. Consequently the youth are being diverted by external force and engage themselves in night clubs, rocking, unwanted discussions and so many undesirable affairs.

Influence of peer group:

Peer groups play a vital role in developing the concept of morality. Students of schools and colleges pass more time with them, discuss with them frankly and seek their support, guidance and advice; so they readily prefer to accept views of peer group rather it conflict with parents views which lead them to indulge in immoral activities like dacoits, kidnapping, drug abused etc.

Influence of mass media:

Undoubtedly Television, print media, internet blogs and websites cinemas, role models (movie actors and actresses) play an important role in shaping the personality of the youth. Many Medias, images, movies and games that not only neutralize violence but often glorify it. There is so much violence, vulgarity in all these entertainment avenues and if a majority of youth watches these, the impact of the same on the next generation can't be positive.

A child must respect the inherent dignity of all individuals. A young individual who is selfish and greedy is ill equipped to be part of a globalized society.

Each student must develop their own inner guide - a moral compass - that all their actions must be viewed through the lens of human oneness. This means to forge unity among children of various races, caste and the imperative for honesty and justice.

However, values are not fixed or permanent; rather, they are dynamic and permit growth and even change. A strong sense of values helps one analyze and understand other people's values; they guide one to arrive at ethical judgments and lead to decision-making.

One should believe in the empowerment of individuals to develop their own moral conscience, such as that they personally make the right decision and follow an honest way of life, even at the sacrifice of their immediate interest.

The teacher should demonstrate effective modeling behaviors. The teacher's own behavior must demonstrate virtues expected of the learners, such as punctuality, patience, tolerance, cooperation. etc.

Moral education or character development to be taught in public schools without any religious associations, but having spiritual values.

Moral orientation of youths needs to be strengthened to build up a moral and harmonious society

New Trends

New Education Policy – Brief Elucidation

Ms. Sneha Bajaj

Assistant Professor – English
GSFC University



The new National Education Policy 2020 revealed on Wednesday, 29 July, seeks to introduce and implement a sea of changes across all levels of education in India, including the essential understanding of education in the country. It also seeks to implement changes in the way the facilitators of such education – schools, colleges and teachers – are trained and how they approach education.

Among other things, the NEP has renamed the Ministry of Human Resource Development (MHRD) as the Ministry of Education, a sign of the country’s changing focus on education.

The policy is created on the pillars of “access, equity, quality, affordability, accountability” and will transform India into a “vibrant knowledge hub”, tweeted Prime Minister Narendra Modi soon after it was unveiled.

The NEP 2020 is the first new education policy to be introduced in India in the 21st century, the last having been implemented in 1986, and 34 years ago. The NEP, thus, replaces the National Policy on Education, 1986, which was modified once in 1992. Before that, the first education policy was passed in 1968. According to the government, the NEP 2020 has been formulated after having considered nearly over 2 lakh suggestions from 2.5 lakh gram panchayats, 6,600 blocks, 6,000 ULBs and 676 districts. The policy document says that it “aims at producing engaged, productive, and contributing citizens for building an equitable, inclusive, and plural society”.

What are the reforms the NEP 2020 aims to bring about and how does it seek to change the landscape of Indian learning?

Reforms in Structure & Curriculum of School Education

Among other things, the NEP 2020 suggests a slew of reforms to school education, with a focus on flexibility of subjects and eliminating silos between streams of learning. Another goal of the NEP is to achieve 100 percent Gross Enrolment Ratio in preschool to secondary level by 2030. First off, the NEP changes the existing 10+2 structure of school education to a 5+3+3+4, covering children between the ages of 3-18. This essentially brings into the fold children of the age group of 3-6 years, who were not covered in the existing structure, which begins only at grade 1.

This structure, when broken up into corresponding grades, is:

- Three years of anganwadi or preschool + two years in primary school in grades 1-2 covering ages 3 to 8 years
- The ‘preparatory stage’ covering ages 8 to 11 years or grades 3-5
- The ‘middle stage’ covering ages 11 to 14 years or grades 6-8
- The ‘secondary stage’ covering ages 14 to 18 years in two phases – grades 9-10 in the first and grades 11-12 in the second

The NEP aims to reduce the curriculum content to its core essentials, focusing on key concepts and ideas in order that children are able to practice more critical thinking and among other things, more analysis-based learning. The NEP also states that there will be no hard separation among ‘curricular’, ‘extra-curricular’, or ‘co-curricular’ areas, among ‘arts’, ‘humanities’, and ‘sciences’, or between ‘vocational’ or ‘academic’ streams. During grades 6-8, students will be required to take a course which will provide hands-on experience of a number of important vocational crafts as well. In fact, children will also be given increased flexibility in the choices of subjects they wish to study, especially in the secondary stage.

Changes to Examinations & Focus on Multilingualism in Schools

The policy also aims to promote multilingualism and a learning of native languages. There will also be reforms to the assessment system. According to the policy, board exams will be made ‘easier’, testing ‘primarily core capacities/competencies’ rather than rote learning. There will also be the possibility of taking the board exams twice in a year, once for the main exam and once for improvement, if a student so wishes. In addition, the NEP will implement standardized school exams to be taken in grades 3, 5 and 8 in order to track progress of education throughout school years rather than just at the end.

One of the biggest changes the NEP seeks to bring about is a focus on languages in school.

According to the policy, *wherever possible*, “the medium of instruction until at least grade 5, but preferably till grade 8 and beyond, will be the home language/mother tongue/local language/regional language”, to be followed in both public and private schools. The policy will also implement the three-language formula, but with some flexibility and without imposing any language on a state. Essentially, it means that students will learn three languages, based on the states, regions and the choice of the students themselves, as long as at least two of the three languages are native to India. The reference to Hindi and English in this regard in the draft NEP has been dropped after a protest from political parties.

Reforming Training of Teachers

The policy not only aims to transform education but also to improve the skills of those facilitating that education – teachers. In order to ensure that, the policy seeks to institute a large number of merit-based scholarships across the country for studying quality four-year integrated BEd programmes. It also states that teacher eligibility tests (TETs) will be strengthened to inculcate better test material and the scores of the same will be taken into account for recruitment purposes. Teachers will also be offered local, regional, state, national, and international workshops as well as online teacher development modules so that they are able to improve their skills and knowledge and will be expected to participate in at least 50 hours of such continuous professional development opportunities in a year.

The policy states that by 2030, teacher education will be moved into multidisciplinary universities, and by the same year, the minimum degree qualification for teaching will be a four-year integrated BEd. This rule will, however, not include those who have already obtained a bachelor’s degree or a master’s degree, for whom there will be different requirements. Additionally, teachers will be expected to avoid participating in activities such as electioneering, so that they are able to better devote their time to teaching.

Reforms in the Higher Education System

The NEP naturally brings about a sea of changes in the system of higher education as well, aiming to improve it with the goal of “creation of greater opportunities for individual employment.” A goal of the NEP is also to increase the Gross Enrolment Ratio in higher education, including vocational education from 26.3 percent as of 2018 to 50 percent by 2035.

One of the main aims of NEP is to overhaul the fragmented nature of India’s existing higher education system and instead bring together higher education institutions (HEIs) into large multidisciplinary universities, colleges, and HEI clusters/knowledge hubs. The policy states that over time, single-stream HEIs will be phased out over time. One change that the NEP brings about is that the undergraduate degree will be of either a three or four-year duration, with multiple exit options within this period, with appropriate certifications for those dropping out at a certain point in the course. HEIs will also be able to offer masters courses of different designs, based on the undergraduate degree of the student. Additionally, the MPhil programme has been discontinued by the NEP 2020.

Interestingly, in keeping with the multidisciplinary approach to education, a new system that the NEP is seeking to implement is an “Academic Bank of Credit (ABC)”, which will be able to digitally store academic credits earned from various recognized HEIs. This will allow degrees from an HEI to be awarded taking into account credits earned. For now, while the NEP states that a system of granting graded autonomy based on accreditation will be adopted for colleges, eventually, the aim is to transform them into an autonomous degree-granting college, or a constituent college of a university. A change has also been to the regulatory system, with the National Higher Education Regulatory Council (NHERC) set to function as one single regulator for the higher education sector, including teacher education, but excluding medical and legal education.

The initiatives announced under NEP 2020 seems appealing and should help achieve the heights of education in India.

The Diversity - University Band

Ms. Shivani Joshi

Teaching Assistant – English

SM Club Coordinator

GSFC University



GSFC University paves the path and motivates the students to venture about the new avenues of life. At every stage, the GSFCU has provided the opportunity to explore the potential talent of the students and THE DIVERSITY - an official university band is exemplary.

The Diversity is a band where the students with the musical prodigy have come together to share and exhibit their talent among others. They practice and perform various instruments and sing songs for the occasions, sometimes for enjoyment too.

They have played a successful role in organizing Patriotic Song Competition held by Cultural Club, GSFCU on 25 January 2020.

The other major event where the band has performed counts - the celebration of International Women's Day - 2020 at GSFC Ltd. The band created an enthusiastic atmosphere and all the zealous ladies moved themselves on the beats of the band. What fun! The other event was TechNext - 2020. The cultural night would have been different and dull if the band hadn't had their performance. The Diversity shook the whole campus with their energetic music and singing.

Band reentered during the lockdown with their performance on the occasion of celebration of 74th Independence Day of India "From Home to Heart". The GSFC University celebrated the Virtual Independence day for which each band member recorded their part of singing and instrument and Mr. Samarth Patel (BBA) clubbed it together. The band showcased their true patriotism in the form of a wonderful compilation. You can check out the video that we flaunt to share - <https://youtu.be/WqRhG8vUdeQ>

The band members are:

1. Mr. Shivang Tripathi - BBA - Singer
2. Mr. Krish Desai - BBA - Guitarist & KeyBoardist
3. Mr. Shivanshinh Rajpurohit - BTech CSE - Guitarist
4. Mr. Kshitij Joshi - BTech CSE - Drummer & Octapad Player
5. Mr. Rudra Joshi - BTech CSE - Guitarist
6. Mr. Niral Chhaya - BTech Chemical - Singer
7. Mr. Bhargav Sosa - BTech Mechanical- Singer
8. Mr. Rahi Patel - BTech Mechanical - KeyBoardist
9. Mr. Dhaivat Rakholiya - BTech Mechanical - Singer



Placement Corner

Mr. Naren Acharya

Incharge – Internship & Placement
GSFC University

Below Table shows the statistics of the placement:

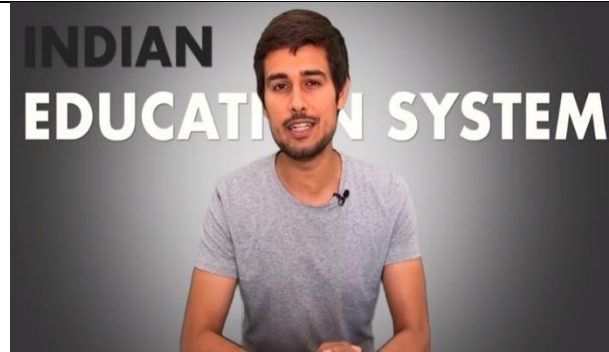
Placement Summary 2020 (up to 30.08.2020)				
Sr. No.	Name of Comapny	Location	Stream	Number of Students Placed
1	GSFC Ltd	Vadodara	B.Tech - Chemical	10(*)
2	Atul Ltd	Valsad	B.Tech - Chemical	4
3	GCPTL	Dahej	B.Tec-Mechanical	2 (*)
4	Prakash Chemicals	Vadodara	B.Tech - Chemical	1
5	LCS	Vadodara	BBA	3
6	Deepak Nitrite	Vadodara	B.Tech - Chemical	1
			B.Tech - Mechanical	1
7	GSFC	Vadodara/Sikka	B.Sc-Chemistry	5 (*)
			CCFF	5 (*)
8	Alembic Pharma	Vadodara	B.Sc - Chemistry	7
9	Axtel Industry	Halol	B.Tech-Chemical	2
			B.Tech-Mechanical	3
10	Sterling Biotech Ltd	Vadodara	B.Tech-Chemical	3
11	Zydus Hospira Oncology Pvt. Ltd.	Ahmedabad	B.Sc-Chemistry	1
Total				48
(*) Includes placements of 2019 batch students during current year.				

Happening around the world – Youtube Links – Infolinks



Title: - FULL REVEAL! Elon Musk's Neuralink chip tested live in pig brains

Link: - <https://youtu.be/NqbQuZOFvOQ>



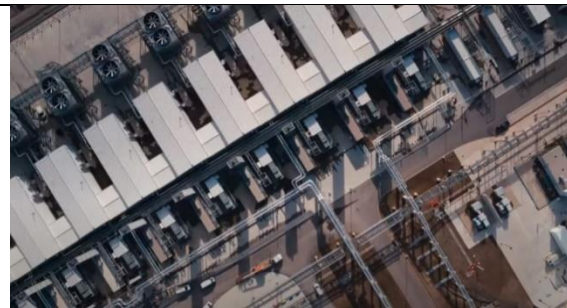
Title: - New Education Policy | Analysis by Dhruv Rathee

Link: - <https://youtu.be/8tiQuiCdbkM>



Title: - Scientists Discover Mysterious Radio Signal from Space That Is Repeating Every 16 Days

Link: - <https://youtu.be/5VWwh23caNU>



Title: - Google Data Center Security: 6 Layers Deep

Link: - <https://youtu.be/kd33UVZhnAA>



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