# ANNUAL REPORT

## 2020-2021

K.M.E. Society's G. M. Momin Women's College, Bhiwandi

Prepared by

Dr. Naheed Azam IC Principal

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#### **Principal's Address**



(Associate Professor Dr. Naheed Azam, Incharge Principal, G. M. Momin Women's College)

A very warm welcome to my students, their parents, staff members, members of the Governing body and all readers of this Annual Report for the Academic Year 2020-21. We take this opportunity every year to document the activities and achievements of our institution in the past academic year and I'm delighted to present it to you in our annual magazine 'Golden Harvest'.

I'm very pleased to announce that our annual magazine 'Golden Harvest' continues to live up to our greatest expectations and has been appreciated with a positive response. The contributions of our students and the continuous efforts of teachers and staff members has helped us in identifying our goals every year and achieving them through this endeavor.

We at G. M. Momin Women's College strongly believe that learning isn't confined to classroom and academic experiences and this report wishes to highlight all the opportunities our institution has enabled the students to learn and grow through their journey.

#### **Physical to Digital**

Through the last year, we saw a massive lifestyle shift across the globe due to the pandemic. Everything became remote. From groceries and medicines to even fruits and vegetables had to be ordered online. Movies moved from big screens to video-streaming devices. Conversations became digital. 'Work from Home' became a new normal.

But more importantly, for us as teachers and educators, classes and lectures went from 'physical' to 'digital'. The pandemic has made us rethink our teaching perspective and in a noticeably short time, brought up new learning systems for all.

I traversed into this leadership role in July 2020 with two key priorities – the safety and well-being of our people and the smooth continuity of our programs and administration.

We facilitated work-from-home for over 90% of our associates while safeguarding those attending office and conducted group meetings routinely with faculty as well as students to ensure everyone remained safe, connected, informed, and motivated. Mentors and faculty took great care to provide continuous support and motivation to the students and encouraged them with actionable suggestions on how to take care of mental health and utilise the time in lockdown for a productive outcome. We were able to leverage the need for new learning systems to create room for digital prowess among different areas of not just teaching systems but also administrative.

What we have witnessed, weathered, and traversed in the last year has transformed our perspective. In a short time, the pandemic has had a far-reaching impact globally impacting the economy of our society and human life in all aspects. And yet amidst all of this we have seen some magnificent examples of human resilience, solidarity, and innovation.

It is the same resilience and solidarity with which our college was established 32 years ago. The motive of spreading awareness among women, especially those hailing from the minority Muslim population, and the economically challenged sections of the society, still resonates with our mission for tomorrow.

From a modest beginning in 1989 with only 94 students, the college today has over 1600 women students enrolled in various Undergraduate and Postgraduate programmes in the faculties of Art, Science and Commerce. Apart from conventional streams, the college also enrolled students for Undergraduate and Post-Graduate courses in Management Studies, Information Technology, Biotechnology, Interdisciplinary studies and various Ph.D programmes in the subject of Zoology and Botany of the University of Mumbai.

In a relatively short span of 32 years since the inception, our college has achieved many honors and recognitions and our teachers jointly hold many patents and national service medals. Our college was also successfully registered with the NIRF once again this year due to the efforts of our hardworking IQAC team.

The college has grown from strength to strength over the years achieving landmark honors and recognitions such as:

- NAAC reaccreditation with 'A' Grade
- Best College Award (University of Mumbai)
- ISO 9001:2015 certification from Bureau of Indian Standards (BIS)
- Jagar Janivancha Award (2<sup>nd</sup> Position) from the Govt. of Maharashtra
- Best NSS Unit Award at University, State as well as National Level
- Best NSS Programme Officer Award at University, State as well as National Level
- Best Extension Education Unit Award twice in succession from University of Mumbai
- Best DLLE Coordinator Award
- Appreciation Awards for Principal and DLLE coordinator

- Winner of Thane Police Maha-Karandak 1st Position in Bhiwandi Police Parimandal and 2<sup>nd</sup> and 3<sup>rd</sup> Positions in Thane Police Commissioner Zone
- Winner of Best Actress Award in Short Film Competition conducted by Thane Police on raising awareness against Terrorism
- Winner of Best Actress Awards in Thane Police Maha-Karandak Competitions
- Winner of Udaan festival (1<sup>st</sup> and 2<sup>nd</sup> Positions) at the University of Mumbai DLLE Extension Education Street Play Competitions
- Winner of Best Principal Award through Indo Global Chamber of Commerce, Industries and Agriculture
- Winner of BEQET (Best Educational Quality Enhancement Team) President Award of National Centre for Quality Management
- Supported under the prestigious Star College Scheme of Department of Biotechnology, Government of India
- Registered under NIRF (National Institutional Ranking Framework) of Government of India
- Registered and working under the framework of PFMS (Public Funds Management Systems) of Government of India
- Funded under FIST (Funds for Infrastructure in Science and Technology) programme of Department of Science and Technology, Government of India
- Supported under Rusa (Rashtriya Ucchatva Shiksha Abhiyaan) of Government of India; one of the only 15 colleges selected under this scheme from Maharashtra.
- Twinned with Indian Council of Agricultural Research (ICAR) Research Complex for North East Hill Region, Meghalaya under DBT Research Project
- Twinned with an Institution of Higher Learning from Odisha under Ek Bharat Shreshth Bharat Scheme of Government of India
- Thirty University Ranks, featuring 27 students, 9 ranks of which are in the last 5 years, the latest being in the current year
- Two University Ranks of other Universities in the last 5 years
- The BMS faculty was granted permanent affiliation by the University of Mumbai.

The Annual Day is a momentous occasion to pay our tributes and thank those who have illuminated our paths to success with their constant support and guidance. Our achievements are also a result of the transformational leadership and pivotal guidance of the members of our governing body. The academic year 2020-21 witnessed a change in the governing body during the academic year and it is indeed gratifying to have the opportunity to offer gratitude to the ones who have paved the way for us for many years.

On behalf of the entire G.M.M.W.C. fraternity, I would like to offer our sincere gratitude and address how it has been an absolute honour for us to have worked under the guidance of our now former Hon'ble President, **Mr. Aslam Fakih**, former Hon'ble General Secretary, **Dr. Musaddiq Patel** and all members of the past governing council. Their unbounded and progressive vision directed the energies of the college in setting and achieving new goals for many years. Transcending from the realms of community development, their commitment to the institution provided us the platform to challenge various paradigms and we find ourselves indebted to their contribution.

Speaking of invaluable role models, I find it compelling to also thank my predecessor, **Dr. Moses. J. Kolet**, whose contribution to the growth of our institution as the Principal led us to greater heights of success and recognition. His effective leadership transformed this institution to higher levels of learning, recognition and understanding.

Our institution has been blessed with continuous efforts year after year through many invaluable leaders as Principals such as Late Dr. N.S. Gorekar, Dr. Irfan Fakih, Prof. Sayed Iqbal and Mrs. Kamalabala Subramanian and we sincerely appreciate and thank their hardwork and dedication to the institution. Their guidance helped us grow at every step of the way and will always drive our efforts to achieve the epitome of excellence.

Ruminating on our illustrious journey, we also have to reflect and rethink our role as an institution in the overall growth of higher education. As a college, we are not an isolated unit. We cater to the interests of a large number of stakeholders - both internal and external, and therefore, have a responsibility to incorporate the expectations of the larger society. We have to continuously embrace the ambitions and aspirations of our society and strive to offer endless possibilities with passion and hardwork.

The past year gave us all a space to introspect and understand that as carriers of learning and growth, we can't afford complacency and that we all must strive to be an active catalyst that drives with the waves of change, adapting to the new environment and fighting all the challenges coming our way.

In the same breath, I find it immensely gratifying to have this opportunity to also welcome the new Governing Council of G. M. Momin Women's College and all the new members of the Konkan Muslim Education Society of Thane District. It is my privilege to introduce to all our readers and welcome our Chief Guest on this auspicious day, **Mr. Talha Fakih**, Hon'ble President of the K.M.E. Society. I would also like to welcome **Mr. Sohail Mushtaque Fakih**, Hon'ble General Secretary, **Mr. Zia Abdus Shakoor Momin**, Vice President, **Mr. Navid Bashir Kharbe**, Hon Joint Secretary, **Mr. Fahad Musaddique Bubere**, Hon'ble Treasurer and all distinguished members of the K.M.E. Society.

Their progressive emphasis on education of women transcents to various sectors of the society and they have been actively working in creating better leaders for tomorrow. achieving excellence in all fields. Their contribution will reap rich dividends for our institution in terms of knowledge enhancement and strengthen our institution's future with innovative ideas. We are all looking forward to working in tandem with the new governing body and achieving greater heights for our institution and community at large. For the years gone by and the years to come, we hope that the highlights from this articulated report will aid as a roadmap for the journey ahead.

All our initiatives are the collective efforts of all our students, members of the teaching and non-teaching community, and members of our Governing Body. We acknowledge the hardwork and dedication of our students and applaud the careful nurturing and guidance provided by our teachers who take on various different roles from time to time. The hard work of the administrative units is sincerely appreciated.

#### Section (A)

#### (i) Admissions

The academic year began with favourable refinements in the admission process. We were faced with the challenge of taking our entire remote admission process online which was successfully achieved. To smoothen the process of information dissemination amongst anxious students and parents, the college created a separate web link on our institutional website containing all relevant information for the applicants including a video detailing the admission process and a set of most comprehensive FAQs for the application process. We acknowledge the extensive efforts of the entire Admissions committee under the able guidance of the Admissions Convenor Ms. Samina Shaikh for facing the challenges the new systems brought with it and providing timely innovative solutions. The efforts of Ms. Nusrat Ansari, Mrs. Misbah Momin, Ms. Tehreen Momin and the entire IT Department are greatly appreciated in the times that required constant digital and web support.

#### (ii) Examination

Another development is in the context of change in the format and conduct of examinations. Due to the risks involved with in person attendance and to maintain social distancing norms, all examinations were conducted online as per directions from the University of Mumbai. It is a matter of great pride for us that with no prior experience, we were able to successfully conduct all examinations for under-graduate as well as post graduate courses with maximum output and providing ease of use to the students who were also accessing such a system for the first time.

The usability and functionality of the system was enhanced in a way to accommodate a wider set of diverse stakeholders. We were able to develop a robust system to aid the paper setters in paper setting and assessment and at the same time provide access to the administrative team without any loss of data privacy or security.

Students were thoroughly guided and prepared with mock tests and question banks to familiarise them with the online mode of examination.

The rigour of the efforts put in by Ms. Nazneen Momin, Ms. Laxmishree Chengala, Mr. Meraj Bubere, Mr. Naushad Shaikh and Mr. Arfat Shaikh and all other members of the Examination Committee are absolutely commendable.

#### (iii) Evaluation

One of the major turning points of this pandemic was how severely it affected the education system around the globe. The lack of social and in person interaction and learning pushed us, educators to reshape the mechanism of imparting lessons. Going forward, it was important to adopt online teaching-learning as a tool for education.

We are now conducting online video-audio lectures using tools such as Google Meet, Zoom, Google Classroom, etc. Other tools like Jamboard, Whiteboard and drawing tablets are used to replicate the traditional blackboard teaching experience.

Teachers are engaging with the students through different platforms and trying new innovative ways of creating a similar teaching-learning experience as before for the students. All teaching and non-teaching staff were provided individual institutional email addresses with full access to all the G-Suite features through the Internal Quality Assurance Cell (IQAC).

Arts	English Literature	19	18	94.73%
	Urdu. Literature	02	02	100%
	Sociology	02	02	100%
	Islamic Studies	05	05	100%
	History	15	14	93.33%
Science	Botany	04	04	100%
	Zoology	08	08	100%
	Mathematics	01	01	100%
	Physics	05	05	100%
	M.Sc.IT	02	02	100%
Accounta	M.Com	21	21	100%
ncy				20070

First Year	Faculty	Appeared	Passed	Percentage
	Arts	125	112	89.60
	Commerce 1		97	79.51
	Information Technology	29	29	100
	BMS	61	60	98.36
	Biotechnology	16	12	75

	Interdisciplinary	26	24	92.30
	Arts	110	101	91.82
	Science	125	125	100
Second	Commerce	111	106	95.50
Year	Information Technology	37	37	100
Tear	BMS	68	68	100
	Biotechnology	18	18	100
	Interdisciplinary	37	36	97.30
	Arts	82	80	97.56
	Science	111	111	100
Third	Commerce	87	86	98.85
Year	Information Technology	27	26	96.30
ICal	BMS	50	49	98.00
	Biotechnology	20	20	100
	Interdisciplinary	30	30	100

#### Section (B)

#### (i) Social Responsibility

We are glad to have teachers as well as students who are working towards the overall socio-economic development of their communities and contributed during Covid-19 crises.

Our faculty Dr. Gazala Bhoje, along with the Nargis' Foundation, helped migrant workers to safely reach their homes as there was a severe lack of transportation available for safe travel. Our student Ms. Sana Kuwari, associated with the Jinhit Foundation, volunteered in food drives, and arranged for basic food supplies for those in need during the lockdown.

Our staff members were swift in coming forward during the COVID-19 crisis and donated a day's salaries and cash to show support to the most vulnerable of the population during Covid-19.

It is a matter of great pride that our college supported the regional authorities to cater to the lack of healthcare space for infected Covid-19 patients at the peak of the lockdown by providing our campus and built spaces to be converted into temporary Covid-19 facility centre.

#### (ii) Outreach Initiatives

As part of institutional responsibility our college conducted several outreach programmes -Bhiwandi biologists Association has been constituted through special efforts of Dr. Anis Choudhery and Dept. of Zoology for conservation of local resources. Bio- Guardian Award has also been installed for this work. We have also undertaken an inclusive initiative called the Earn & Learn Scheme under which students with unique talents and skills are given opportunities to work within the campus with teachers, research students, extra cultural and administrative departments and due honorarium is provided. The purpose of this initiative is to train students early on with different skills required to excel in a working environment and at the same time provide financial assistance to the deserving students in need.

#### (iii) Collaborations and MoUs

Keeping in mind the desire to establish collaborative relations at a national level on mutually beneficial terms, the college in the academic year 2020-21, entered into several MoUs.

The Majlis (NGO), B.N. Bandodkar College of Science, MSAA (Maharashtra State Angling Association) and Young Environmentalists Programme Trusts are four such collaborators with whom MoUs have been signed to train and assist students and provide an overall academic development.

The other new initiatives during 2020-21 included some of the collaborative programmes such as the Women's Wings' exhibition cum sale that is organised by our alumni Mrs. Neha Pitthoo that focus on nurturing entrepreneurship amongst our students and hospital that was started by alumni Ms. Soleha.

Our college was successfully registered with the NIRF once again this year due to the untiring efforts of our IQAC team. We effectively implemented a Mentor System, a 'Cycling Club' and 'Positive Thinkers Club' for the all-round development and physical and emotional well-being of our students.

Our goals for the future have been strengthened from time to time through various collaborative associations and programmes. External financial grants play an important part in adding value to the academic and infrastructural growth of the college.

#### **STAR College Scheme & FIST**

I am happy to announce that we have received a Star College Scheme grant of Rs. 11 Lakh from the Department of Biotechnology, Ministry of Science & Technology to aid five departments of our college and the same has been utilized for the purchase of chemicals and glassware for project work and practicals for the students. Our college was also taken under the umbrella of funding from the FIST, wherein we purchased highly sophisticated FTIR that will be used by research students and teachers.

#### RUSA

In addition to this, due to received effort of Dr. Moses J. Kolet, Dr. Tarannum Attar & entire RUSA committee, we have been granted heavily with financial support from RUSA and I would like to draw your attention to the infrastructure measures already undertaken or under progress with the help of this fund.

- All the classrooms and laboratories are no ICT enabled & equipped with electronic display systems in view of the new learning systems adopted by the college.
- Dept. of Physics, Chemistry, Zoology, Botany, Information Technology, Computer Lab, Conference room, Common Instrumentation Lab have now been upgraded with better facilities.
- Separate room has been set up for Dept. of Arts faculty.
- Administrative Office and examination room are underway.
- The library has been upgraded providing Web OPAC services to ensure students and patrons can search for books online.
- Due maintenance of refreshment areas such as canteen and toilets have been carried out.

- The auditorium is now enabled with a proper sound system for better sound clarity during guest lectures and events.
- Solar Panels are being installed to conserve energy and adopt more sustainable practices throughout the campus.
- The utility of the botanical garden has been enhanced which was partially destroyed due to the use of harsh disinfectants as our college building was used as an isolation centre for Covid-19 patients.

#### (v) Scholarships

In the same vein, to provide consistent financial aid and allow our students the freedom to focus on learning, we have formed an association with various bodies to provide scholarships to the hardworking and bright students. Some of them include Post matric scholarship, OBC, SBC, ANGC, Govt. of India INSPIRE, MAHA DBT Scholarship and G. M. Momin College Students Welfare Fund.

Sr. No.	Name of Scholarship	No. of applicati ons	No. of Scholars hips awarded	Amount Received
1	Post Matric Scholarship	515	211	1049500
2	Maha DBT	215	196	678709
TOTAL	(A)	730	407	1728209
Non-Gov	vernment			
3	Trust Scholarship	6	6	47602
4	Earn & Learn Scheme (Admission)	1	1	5200
5	Earn & Learn Scheme (NAAC Work)	1	1	2520

6	Video Making-Earn and Learn Scheme	17	17	1200
TOTAL	TOTAL (B)		25	56522
GRAND TOTAL (A+B)		755	432	1784731
Total No of Students			1616	

#### Section (C)

#### (i) Student Centric Method, Hands on Training & Experiential Learning

Adopting a holistic approach to the development of the college, we have taken steps to develop the teaching and research competencies in the college. This year, we have organized many International Conference and National webinars, workshops and guest lectures with the aim to engage researchers, academicians, industry and policy makers on various themes. Attended by hundreds of participants, the events covered vibrant and thought-provoking themes of entrepreneurship, innovation & technology, sustainability and social issues. The teaching and non-teaching staff along with the IT Dept. need to be appreciated for their methodical and relentless efforts in organizing the well-received online events.

Workshop:

- Commerce: Project Writing
- Zoology: Public Workshops in experience angling

Guest Lectures:

- Commerce: 6 Guest lecture students
- IQAC: Guidance for peer team visit
- Commerce: Talk by previous year's toppers
- Placement Cell: Awareness in BFSI
- ELA & Library: Lib Science as Career

- Fitness Centre: Know your fitness centre
- Research Committee: Metaphysical & Ethical Consideration

National Webinars:

- Physics: Refresh your knowledge on Nuclear Physics
- IQAC: Hands on Training
- IQAC: Avoid Plagiarism
- IQAC: Women: Lets discover our unlimited self
- IQAC: Web resources for teaching and learning
- Orchid Club: GM Technology & its impact
- Physics: Career in Research
- Botany: Gen. Modification
- WDC: Awareness on cyber bullying
- WDC & GCC: Sexual offenses against women & children
- Sociology: Gender Carlaxy
- Sociology: Queer Movement
- Physics: Solar based green energy

#### Training:

- IT: Hands on training on conduct of virtual events
- Chem Club & IT: Hands on training on conduct of virtual events
- Commerce & Physics: Training on acquiring job in corporate sector
- Commerce: Consumerism & Financial Literacy
- Physics & Zoology: Certificate course

#### Competitions:

- Teachers day Best message contest: Commerce Association
- Science Association: Infographic competition
- Chem club: Essay Contest
- Cultural Committee: Essay Competition

- ELA: Creative Writing Competition
- HVES: Online Selliy
- NSS: Intercollegiate E-poster making
- Commerce: Students Paper presentation
- Dotcom: National level create your own emoji
- Adventure club: Poster/ Short film/ Video making
- Botany: Home gardening
- Science Association: Science Cartoon Competition

Quiz:

- General awareness of Quran: Islamic Studies
- Mathematics: Teacher Day Quiz
- IXIDC -ICC : Gender sensitization and awareness
- Cultural Committee: General Awareness Quiz
- Commerce: Logo & Slogan
- Islamic & Urdu: Online general quiz

Virtual excursion zoo fun & Induction Programme

The true pillars of any academic institution are its students. It is their journey that defines the journey of the college. With great pride in my diligent students, I acknowledge the hard work and dedication of all our student achievers.

Ms. Aiman Peerzadi, student of M.Com, has successfully qualified NET examination.

Today several of our students are entrepreneurs and philanthropists and having established their own brands, are successfully running their business enterprises online. A team of students operates a charity group to help the needy with their education, food, other needs such as marriage expenses and other emergency needs. It is pertinent to state that faculty members have essayed the role of able teachers, thoughtful counsellors, caring mentors and guides to the students and have gone beyond the curriculum to deliver value education. We therefore applaud the efforts of our faculty who have shown remarkable warmth and commitment.

I would like to acknowledge the efforts taken by our faculty in their own personal and professional growth to provide better education and support to the students.

Ms. Sana Ansari, assistant professor at the Dept. of BMS, has successfully qualified the NET examination.

Ms. Nazneen Momin, assistant professor & Head at the Dept. of Commerce, has co-authored a course textbook on 'Cost Accountancy'.

Dr. Mukesh Pimpliskar, assistant professor & Head at the Dept. of Biotechnology, was awarded the Best Researchers Award by Cellogen Biotech Pvt. Ltd. at the International Virtual Conference of Biotechnology Microbial Processing & Nutrigenomics'.

Ms. Samina Shaikh, Associate Professor & Head at the Dept. of Arts, has successfully submitted the thesis for Ph.D degree and notification for the viva is awaited.

Mrs. Jayshree Thakre, assistant professor at the Dept. of Chemistry has successfully completed viva for Ph.D degree and her notification for the degree is awaited.

In addition to this, it also gives immense pride to mention that our non-teaching staff are also constantly working towards personal growth and development.

Mrs. Rabia Shaikh, our library staff has successfully completed her M.A. in Islamic Studies.

#### Following staff members attended the various courses as listed:

Sr.N	Date	Name of	<b>Title of Course</b>	Agency /Institute	Category
0		staff			

1.	5th June to 8th June 2020.	Dr.Anis Chaudhary	"E-learning Course on Basics of Oceanography"	Department of Zoology and Sindhu Swadhayay Sanstha, University of Mumbai from	Short Term Course
2.	3 &4 June 2020	Dr.Mukesh Pimpliskar	Online teaching & E-Content"	IIDE,Mumbai,St.Xavier college,Mumbai,Lala Lajpartrai college,Mumbai &D.Y.Patil College of Engineering & Technology Pune	FDP
3.	13th -18th July 2020.	Dr.Mukesh Pimpliskar	Recent Advamces in Biomedical Applications and Communication Networks	Dept. of ELectronics and Communication Engineering,GMR institute of Technology ,Rajam,AP	FDP
4.	25th July to 5th September 2020	Dr.Mukesh Pimpliskar	Biomedical Waste Management During and After Covid- 19"	Thodamal Shahani Engineering college,Bandra,Mumbai & IIT BOMBAY	Short term Training
5.	27-07-202 0 to 01-08-202 0.	Dr.Shaziya Momin	"Mathematical Prototypes and their Applications in Engineering and Science (MPAES-2020)" organized by India	Department of Engineering Mathematics and Humanities, Sagi Rama Krishnam Raju Engineering College, Bhimavaram,	FDP
6.	27/07/202 0 to 01/08/202 0.	Dr.Shaziya Momin	"Exploring Innovation in Mathematics and Statistics"	Department of Mathematics, SCHOOL OF ARTS AND SCIENCE AV CAMPUS, VMRF, PAIYANOOR, CHENNAI - 603 104	FDP
7.	august 3 <sup>rd</sup> to 7 <sup>th</sup> 2020	Dr.Shaziya Momin	role of materials science in engineering: application perspective	mahatma Gandhi institute of technology hydrabad tilangana.	FDP
8.	3rd -9th August 2020.	Dr.Mukesh Pimpliskar	Small Molecules	SATHYABHAMA institute of science and Technology (Deemed to be University) incollaboration with	FDP

				Ministry of Earth Science(GOI)	
9.	August 31- October 12,2020	Dr.Anis Chaudhary	"The Blue Economy-Creating an Enabling Environment"	Commonwealth of Learning, The James Michel Blue Economy Research Institutes of Seychelles and the commonwealth of Learning	Short Term Course
10	02 <sup>nd</sup> Septem September	Dr.Savitha Sukumar	Postcolonialism, Migration and Transnationalism	UGC HRDC Jamia Millia University	Refresher
11	7th September -20th september 2020	Dr.Hina Momin	Life Sciences	Gujrat University,Ahmedabad	Refresher course
12	15 sept -30th Sept 2020.	Dr.Mukesh Pimpliskar	ICT based New Paradigms of E-Teaching and E-Learning :Digital Pedagogy	Mata Sundari Womens College,University of Delhi under PMMMNH HRD	FDP
13	19.10.202 0 to 23.10.202 0	Dr. Tarannu m Attar	"Photonics"	Govt. Model Engineering College, Ernakulam	FDP
14	26/10/202 0 to 31/10/202 0	Dr.Tarannu m Attar	"Recent Advances in NanoPhotonics Technology (2020)	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.	Short term course
15	2/12/2021 to 15/12/202 1	Dr.Seema Habib	Refresher Course in Chemistry	UGC-HRDC , Sambalpur University	Refresher Course
16	11/01/202 1 to 16/01/202 1	Dr.Vaishali Nirrmalkar	Intellectual Property Right	UGC, HRDC, University of Mumbai under RUSA	Short Term Course
17	16.01.202 1 to 26.01.202 1	Dr. Tarannu m Attar	"Computational Based Material Science	Guru Nanak Khalsa College (Autonomous) Matunga,	30 Hours Certificate Course

18	18th to 22nd January, 2021	Dr.sumaiya Khatib	ICT based Teaching and Assessment	Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Scheme, Ministry of Education, Government of India	Workshop
19	25- January to 28 February	Dr.Anis Chaudhary	"The Blue Economy-The Blue Resources "	The James Michel Blue Economy Research Institutes of Seychelles and the commonwealth of Learning	Short Term Course
20	25- January to 28 February	Dr.Anis Chaudhary	"The Blue Economy-The Blue Resources "	The James Michel Blue Economy Research Institutes of Seychelles and the commonwealth of Learning	Short Term Course
21	15.03.21 to 20.03.21	Dr. Tarannu m Attar	Reigniting the Research –Spark: Exploring the New Methodology & Perspective	St. Xavier's (Autonomous) Mumbai	FDP
22	April 20 to 1 2020 15	Dr.Savitha Sukumar	Managing Online Class and Co creating MOOCs	Ramanujan College, Univ of Delhi MHRD under Pandit Madan Mohan Malviya Scheme	FDP

#### **Research Publications of Staff for the Academic Year 2020-21**

Sr. No.	Title	Nature of publication (Book Review / Research Paper etc.)	List of author/s as it appear in the publication	Name of the Book & the publishers / Journal, Issue no. and year of publication,	ISSN / ISBN number	Indexing and impact Factor Impact factor (in case of journal)
01	Salt-wor ks of Mumbai for sustaina ble	Research Article Jan -2021	Anis Ahmed B. Choudhery 1,* and S.G. Yeragi2	Indian Hydrobiolog y, 19(1&2): 149–158, 2020	ISSN 0971-654 8	<i>UGC-Care</i> <i>listed</i> main group.

	develop					
	-					
02	develop ment Brine Pans of Mumbai : A Wellspri ngs for Blue Econom y as a Fish Meal Culture in Hyper Saline Areas of	Research Article Jan 2021 International, New York, USA	Anis A. Choudhery Simeen Rumani	Science and Education <i>Pu</i> <i>blishing</i> Applied Ecology and Environment al Sciences, USA, 2021, Vol. 9, No. 2, 186-192 Available online at http://pubs.sc iepub.com/ae	ISSN (Print): 2328-391 2. ISSN (Online): 2328-392 0	UGC Care listed main group. Google Scholar, WorldCat, J-Gate, CNKI SCHOLAR, CrossRef, AcademicKe ys, Bielefeld Academic Search Engine(BAS
	Saline Areas of Mumbai , India			http://pubs.sc iepub.com/ae es/9/2/10 Published by Science and Education Publishing DOI: 10.1269 1/aees-9-2-1 0		Search Engine(BAS E),Academia , Geneva Foundation for Medical Education and Research(GF MER), Computer Literature Index, Zeitschriften datenbank
						datenbank (ZDB), Open Access Journals Search Engine, Chemical Abstracts Service(CAS ), Elektronisch e Zeitschriften bibliothek ( EZB),

03	Salt-pan s of Mumbai : An opportun ity for sustaina ble develop ment of maricult ure practices along	Research Article Jan 2021 International , Finland UK	Anis A. B. Choudhery	WFL Publisher Science and Technology: Journal of Food, Agriculture & Environment Vol.19 (1):74-78. 2021 Finland UK	ISSN 1459-025 5 E-ISSN: 1459-026 3	Genamics Journal,Dire ctory of Research Journals Indexing, JournalTOCs <i>UGC</i> <i>Care-Group-</i> II, SJR- Scimago Journal & Country Rank, Thomson Reuters, google,FSTA , Index Copernicus Web of Science
	with salt-farm ing.					Group, Elsevier, Scopus, JF etc.
04	Biology, Adaptab ility, and The Economi c Applicat ions of Tardigra des In Future	Research Article DEC 2020	Ms. Afreen Shaikh , Dr. Anis B.Choudher y. DOI: <u>https://doi.o</u> <u>rg/</u> 10.46243/js t.2021.v6.i1	Journal of Science and Technology Volume 06, Issue 01, Jan-February 2021. pp109-117	ISSN: 2456-566 0	3.015- UGC Thomson Reuters, google, Index Copernicus Web of Science Group, Elsevier, Scopus, JF etc.
05	Quantify ing the Impact of Lockdo wn Syndro me - An	Research Article AUG 20	Anis A. B. Choudhery Simeen Rumani	International Journal of Science and Research (IJSR) page nos.193-197 August 2020	ISSN: 2319-706 4	

	Emergin g Threat to Indian Society					
06	Lockdo wn Syndro me vs covid-19 in India	Research Article JULY 20	Anis A. B. Choudhery	European Journal of Biomedica I AND Pharmaceu tical sciences Volume 7 Issue: 8 382-385 Year: 2020	2349-887 0	Google Scholar , Ind ex Copernicus , Indian Science Publications , Research Bible etc. Global Impact Factor 6.044-
07	Covid-1 9 -A New Pandemi c for 137 million Indian - impact, intervent ions and solutions	Research Article JULY 20	Anis Choudhery and Somiya Khatib	UTTAR PRADESH JOURNAL OF ZOOLOGY 2020-07-15   journal-articl e 41(9): 1-17	ISSN: 0256-971 X (P)	UGC Care- ISI Thomson Reuters Master Journal list-Zoologic al Record-Biol ogical Abstracts-BI OSYS Previews-C AB Abstract Global Impact Factor 3.81-
08	Coastal Bird Shelter: A New Avenue of Develop ment of Ecotouri sm in Mumbai	Research Article JULY 20	Anis Choudhery DOI: 10.21275/S R20707143 550	International Journal of Science and Research Volume 9 Issue 7, July 2020 563-566	(IJSR) ISSN: 2319-706 4	ResearchGat e (2018): 0.28 Cross Ref, Mendeley, Google, Semantic Scholar Impact Factor SJIF (2019): 7.583

09	Impact of COVID 19 on Factors other Than Health In India	Research Article JUNE 20	Anis Choudhery and Somiya Khatib	Journal of Science and Technology 2020-06-30 Volume 5, Issue 4, PP-06-16	ISSN: <u>2456-566</u> <u>0</u>	UGC Care Thomson Reuters, google, Index Copernicus Web of Science Group, Elsevier, Scopus, JF etc. Global Impact Factor 3.015
10	Dynami cs Of Coastal Zone Manage ment Through Ecologic al Surveilla nce of Students In Mumbai	Research Article June 20	Anis Choudhery DOI: <u>http://dx.do</u> <u>i.org/10.243</u> <u>27</u> /ijrsr.2020.1 106.5424	Internation al Journal of Recent Scientific Research Vol. 11, Issue, 06 (D), pp. 39011-390 14 12/04/2020	ISSN: 0976-303 1	'Thomson Reuters,- Cross Ref,Index Copernicus, Pubmed, J-gate, Science Central, Research Bible, google scholar, Global Impact Factor 7.383-
11	Studies on Reinforc ing Urban Biodiver sity in the Powerlo om town of Bhiwand	2020	Dr.Moses Kolet and Asba Ansari	Chronicle of Humanitie s and Cultural Studies Vol. 6 Special Issue-5,(81 -87)	ISSN: 2454-550 3 4.197	

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16	" Efficacy of some medicate d soaps and hand washes available in market	Jan - Feb 2021	Mukesh R. Pimpliskar, Soumya Gounder and Rahul Jadhav	Article DOI: 10.30574/ijsr a.2021.3.1.0 098 International Journal of Science and Research Archive, 03(01), 047–055	ISSN <u>2582-818</u> <u>5</u>	Googleschol ar, Thomar Reuter,CItefa ctor

List of Activities 2020-2021 Virtual Tours:

Sr.	Department	Place of Visit	Date	Beneficiaries
No				
1	Botany	AJC Bose Botanical Garden, Calcutta	13/01/2021	10
2	Botany	Lloyd Botanical Garden., Darjeeling	14/1/2021	14
3	Botany	Fruitilicious Week	25/03/2021 to 31/03/2021	
4	Physics	Large Hadron Collider"	24/02/2021 & 27/02/021	41
5	Zoology	Various Part of Indian Forest	03/09/21	290

## Certificate Course:(30 Hours Duration)

Sr. No	Department	Name of Course	Date	Beneficiaries
1	Physics	Basics of	12/11/2020	44
		Astronomy and	to	
		Space Science	12/03/2021	
2	Zoology	Entrepreneurship &	15/03/21	55
		Coommunication	То	
		Skill	20/03/21	

### **Guest/ Guidance Lectures:**

Sr. No	Department	Title of	Date	Name of	Beneficiarie
		Lecture		Resource	S
				Person	
1	English Literary	Library	14/01/2021	Ms. Shad Patel	39
	Association	Science as a			
	(ELA)	Career			
		Option			
2	Aspire Club	How to	02/02/2021	Mr. Shahid	73
	BMS	Read,		Sukte	
		Analyse and			
		Understand			
		Economic			
		Times			

3	Biotechnology (Genome Club)	Competitive Examination	06/03/2021	Ms.Arhama Ansari	38
		after B.Sc. Biotechnolo		IIT Bombay	
		gy			
4	Biotechnology	Scope of	13/03/2021	Ms.Mansuri	45
	(Genome Club)	Biotechnolo		Sufia	
		gy in		Alpine	
		Molecular		Diagnostic	
		Diagnostics			
5	Botany	Mesmerizin	31/03/2021	Ms.Davangi P	92
		g world of		arag Chachad	
		plant		-	
		kingdom			
6	Botany	Genetic	07/11/2021	Dr S L Kothari	285
		Modificatio			
	(Webinar)	n			
		Technology			
		and its			
		impact on			
		21 <sup>st</sup> Centuary			
		:Some			
		Insights and			
		Future			
		Prospects			
7	Commerce	Preparation	09/11/2021	Ms.Ramsha	70
	Association	for		Fakih	
		University		Ms.Anosha	
		Examination		Shaikh	
8	Fitness Committee	Know your	06-07/08/20	Ms Farhin	100
		Fitness	19	Qureshi	
		Centre			
9	IT	Webinar on	23/03/2021	Mr. Amit	54
		Building		Gawade	
		Chatbots			

## Workshop/ Seminar/ Symposia

Sr. No	Departmen t	Title of Workshop/ Seminar/ Symposia	Date	Name of Resource Person	Beneficiarie s
1	Zoology	Call to Action -World Waterday celebration	08/08/2020	YEPTand Karuna Foundation	160

2	Botany	Importance of Bio-compositing and responsibilities as a Citizen towards waste	27/03/2021	Importance of Bio-compositi ng and responsibilities as a Citizen towards waste	58
3	Botany	Planting techniques"	28/03/2021	Dr. Archana Gupte	58
4	Botany	Chromatography	30/03/2021	Ms. Yusra Khatib	54
5	Commerce Association	Consumer Guidance & Protection	27/01/2021 and 28/01/2021	Mr.Pandey from (Consumers Guidance Society of India)	83 76
6	Commerce Association	Project Writing	14/03/2021	Tushar Shah	25
7	DLLE	Online institutional workshop on Rural Entrepreneurship Development Cell (REDC) organized by Mahatma Gandhi National Council of Rural Education (MGNCRE) in collaboration with DLLE, University of Mumbai.	22-10-2020		64
8	DLLE	Google form development	02/02/21	Ms. Sejal Mistry (T.Y.B.Sc. I.T.)	135

9	DLLE	Sketchware App development	02/02/21	Ms. Nashra Ansari (S.Y.B.Sc. I.T.) Ms. Zeba Bakhtiyar Ansari (S.Y.B.Sc. I.T.)	135
10	DLLE	Golden Tree making	03/02/21	Ms. Nusrat Siddiqui (T.Y.B.Sc Botany)	110
11	DLLE	Platform Nest making	04/02/21	Ms. Ayesha Alavi (F.Y.B.Sc)	75
12	DLLE	Pinnata cake making	10/03/21	Ms. Maryam Bubere (F.Y.B.Sc)	148
13	DLLE	Advance piping techniques	10/03/21	Ms. Maryam Bubere (F.Y.B.Sc)	148
14	IT	Robotics	13/03/2021	Ms. Shaikh Rozina and Ms. Shaikh Saima	48
15	Physics	Career in Research	31/10/2020	Dr. Arif Shaikh	60
16	Physics	Online National Level Workshop on "Solar Based Green Energy Solutions	14/03/2021	Dr. Dinesh kala	175

		Basics, Design & Installation"			
17	Physics	Two Day Online Workshop on "Introduction to Programming with MATLAB (Matrix Laboratory)"	04/04/21 & 05/04/21	Ms. Tanwin Ashrafi	37

## **Competitions:**

Sr. No	Department	Name of Competition	Date	Beneficiaries	
1	English Literary Association (ELA)	Creative Writing Competition	25/01/2021	14	
2	Adventure Club	Poster/ Short film/Video Making Competition on Women Mountaineers	04/03/2021	17	
3	Aspire Club (BMS)	General Awareness and Management Quiz	20/02/2021	94	
4	Zoology (Biologists Association)	Talk Station Coronathon	19/11/2020	140	
5	Botany (Orchid Club)	Home Gardening	02/03/2021	27	
6	Botany (Orchid Club)	Shayari Competition	25/03/2021	33	
7	Botany (Orchid Club)	Nature and wild flower photography Competition	26/03/2021	52	
8	Botany (Orchid Club)	Make your Herbarium	31/03/2021	14	
9	Chem Club	Oral Presentation Competition	04/03/2020	14	

10	Chem Club	Slogan writing competitio	28/03/2021 to 31/03/2021	36
11	Chem Club	Poster Presentation Competition	28/03/2021 to 31/03/2021	33
12	Cultural Committee	Poster & Painting Competition	17/10/20-31/10/ 20	18
13	Cultural Committee	Online Quiz	23/11/20-27/11/ 20	372
14	Cultural Committee	Essay writing Competition	8/1/21/-25/1/21	30
15	Cultural Committee	Talent contest :1 singing	28/1/2021	12
16	Cultural Committee	Talent contest :2 skit	6/3/2021	31
17	Cultural Committee	Story telling Competition	28/3/21-5/4/202 1	10
18	DLLE	Holloween Horror Make up competition	11/03/21	04
19	DLLE	Hijab Making	12/03/2021	23
20	DLLE	Calligraphy Poetry	12/03/21	20
21	NSS	Quote Competition	28/01/2021	64

## Intercollegiate Competitions:

Sr.	Department	Name of Competition	Date	Beneficiaries
No				

1	Chem Club	National Level Chemistry Quiz	27/10/2020 to 30/10/2020	269
2	Chem Club	Essay Contest 06/11/2020 to 30/11/2021		28
3	DLLE	Create and Aware Slogan Contest	09-05-2020 to 15-05-2020	223
4	DLLE	Create and Aware Digital Poster Competition	09-05-2020 to 15-05-2020	95
5	IT	Expressions Online Competition	15/02/2021 to 21/02/2021	101
6	NSS	Slogan Competition	06/02/2021	48

## **Research Projects:**

Sr. No.	Project Title	Name of the students	Guiding Teacher/Supervisor
1.	Virtual Labs for Basic Science concepts	Kazi Maryam Mujahid Ayesha Shaikh Shabnum	Dr. Tarannum Attar
2.	E-Governance	Khan Saniya Shaikh Tahseen Baig Maryam	Mrs. Tanwin Ashrafi
3.	E- Agriculture	Shaikh Saima Ansari Naba Shaikh Bi Bi Muskan	Dr. Anik Shraivastava
4.	E-Waste Management	Sirgan Varsha Ansari Mubashreen Momin Fatima	Mrs. Tanwin Ashrafi
5.	E-Tutor	Shaikh Tanzeela Shaikh Uzma Ansari Sarah	Dr. Anik Shraivastava
6.	Covid19- Stay Safe(Awareness and Precautionary Measures)	Shaikh Rozmeen Shaikh Iqra Ansari Zainab	Mrs. Tanwin Ashrafi

7.	Save Earth	Sayyed Ayesha Momin Sajal Ansari Juvairiya	Dr. Anik Shraivastava
8.	Save Water	Shaikh Sohaima Ansari Ateeba Sayyed Adeeba Shaikh Sumaira	Dr. Anik Shraivastava
10.	Effect of Corona Lockdown on Research and Future Prospects	Peerzade Latifa Ansari Maryam Shaikh Ayesha	Dr. Tarannum Attar
11.	Effect of Corona Lockdown on Education system	Shaikh Halima Khan Mudassera Siddiqui Falak	Dr. Tarannum Attar
12.	Computational Physics	Assar Kashaf Sayyed Sidra Shah Asma Ansari Zoha	Dr. Tarannum Attar
13.	Password based bank security system using GSM	Sarwar Nabeela Momin Shafqua Sajid	Dr. Anik Shraivastava
14.	Touch Screen and RF based Home automation system	Raut Shazmeen	Dr. Tarannum Attar
15.	Design and Construction of automatic Power Inverter	Shaikh Nida Shaikh Sana	Mrs. Tanwin Ashrafi

## Hands on Training:

Sr. No	Department	Training	Date	Beneficiaries
1	Aspire Club (BMS)	"Use of Google Docs in collection of Primary Data in Research"	26/02/2021	33
2	Orchid Club Botany	Eco-product making"	29/03/2021	60

3	Chem Club	Conduct of Virtual Events-2.0	22/10/2020	62
4	IT	Conduct of Virtual Events	09/09/2021	69
5	Physics	Acquiring Job in Corporate Sector: Skills and Attributes	22/11/2020	135

## (iii) Students Paper Presentation

Student Research Paper Presentation in 20-21

At K.L.E Society's	S.Nijalingappa	College, Bengaluru
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Sr.No	Class	Name of Students	Research Paper Titles	Name of Institution
01	F.Y.B.C	Sarah Bichu	Digital India	K.L.E Society's
02	om	Nachan Ayesha	Intellectual property Right	S.Nijalingappa College .Bengluru
03		Patel Maryam	Vision india 2030	
04		Ruwaa Kazi	Intellectual property Right	
05		Gujrat Fatima	Digital India	
06		Agha Haseena	Vision india 2030	
07		Bichu Sarah	Banking and its Dynamic	S.M. Shetty College

## Publication

Collection of Book Review Vol.IV done by students published in the name of Student Exposition by Department of Commerce.

Sr. No.	Name of student	Title	Departme nt/ Subject	Awarded on	Guide
1.	Ms. Penbeli Ayesha siddiqua Iqbal	Insecticidal activity of Extracts derived from some parts (barks & leaves) of Mangrove plants, Rhizaphara spp, Alvicinnia spp & Sonneratia spp against stored grain peat sitophilum oryzae, Tribolium castaneum Tribolium confusm, Bruchus spp & sitotroga spp	Zoology	25/12/2020	Dr. Nisar Ahmed Shaikh,
2.	Ms.Vinchuu Shifa Jhanger	Effect of some Natrual pesticides againes insect, pests,sitophilas aryaze, tribolium confusion and bruchus sp.	Zoology		Dr. Nisar Ahmed Shaikh,
3.	Ms. Saiyada Haroon Shaikh	Ecological study of millat nagar wetlands of kamori river Bhiwandi with reference to biodiversity	Zoology		Dr. Nisar Ahmed Shaikh,
4.	Ms.Momin Fatema Zohra Anwar Husain	Assessment of toxicity of chemicals used for dyeing process in power loom industry on	Zoology	Ongoing	Dr. Nandita Singh

		tilapia			
5.	Ms.Ansari Mansha Farooque	Study to Evaluate vegetable by products	Zoology	Ongoing	Dr. Nandita Singh
6.	Ms. Chhaya Pritam Bhawar	The study of the effect of textile dyed Biochemistry,Immun ology,Histopathology and neat quality of fresh water fish, Catla ,Catla.	Zoology	Ongoing	Dr. Nisar Ahmed Shaikh,
7.	Ms.Dharati Anant Gharat	Comparative study of some Natural Feed on Growth, Biochemical Composition and meat Quality of fresh water fish ,catla ,Cata and oreochromis mossambicus	Zoology	Ongoing	Dr. Nisar Ahmed Shaikh,

## Ph.D

Ms. Ansari Asba Md. Aslam	Study on Cellulose Degrading Fungi Their role in Biodegradation	Botany	Ongoing	Ongoing	Dr. Moses Joseph Kolet (EX-Principa l)
Ms. Momin Naziya Bano M.Ayyub	Isolation and Characterization of some plant pathogenic fungi and evolution of some potential plant extracts for bio control.	Botany	Ongoing	Ongoing	Dr. Vaishali Nirmalkar

Ms. Shaikh Asfiya Mohd Tayab	Production Purification and Characterization of Industrially important Enzymes from Aspergillus and Penicillium species and their potential for Bioremediation.	Botany	Ongoing	Ongoing	Dr. Vaishali Nirmalkar
Ms. Heena Kausar Istiyaque	Studies on secondary metabolites and antimicrobial evaluation of selected medicinal plants from Acanthaceae and Lamiaceae Families	Botany	Ongoing	Ongoing	Dr. Vaishali Nirmalkar

#### Section (D)

#### IQAC

I would also like to highlight the initiatives taken by the Internal Quality Assurance Cell (IQAC) of the college towards promotion of quality in higher education. To broaden the horizons for learning, and enhance the richness of the curriculum, various national webinars and training programmes were initiated.

Primarily meant for student and faculty members, the intent of the lecture/ webinar series is to bring greater depths of understanding and help bridge the gap between knowledge and application. The series covered a wide range of topics. It gives me immense pleasure to inform you that the response to the series from students and faculty has been highly encouraging. I thank Mrs. Jayshree Thakre and the all Criteria Incharges namely, Dr. Tarannum Attar, Ms. Nazneen Momin, Dr. Vaishali Nirmalkar, Dr. Shaziya Momin, Dr. Nandita Singh, Ms. Tanwin Ashrafi, Dr. Kamran Abbas and all seven criteria members, for their tenacious efforts in making the sessions a success.

#### **Concluding Remarks**

Over the years I have come to realize that the youth in general think more about what they want to become rather than what they want to do. I would want you to focus on what you want to do because in the process, you will automatically become something.

In 1665, Cambridge closed due to the bubonic plague. While it was closed, Sir Isaac Newton developed his theories in calculus, optics and gravity. It was known as the "Year of Wonders" for Newton because he was unable to attend university and still went on to make incredible discoveries. I don't expect anyone to come up with world-changing theories, but I know that we can make the most of our learning.

To formally close my address, my heartfelt wishes to all the students. As an institution, we strive to transform you into responsible individuals who will positively contribute to society.

During this difficult time, we will have to be empathetic and understanding, and show compassion and care for each other. Each of us will handle things differently. There will be times you can offer help to others and times when you will need help from others. Thank you in advance for being there to help one another and asking for help when you need it. You are all strong and we will get through this.

I know many of you are feeling that sense of loss. We had to cancel many things you have been looking forward to. I hope that when we are back in the building, we will all appreciate those things even more. We will do our absolute best to make sure we celebrate when the time comes and make the most of whatever the circumstances are that lie ahead. We want to hear from you what is working well for you and your family and where we can improve to make this online experience better.

Thank you!

Dr. Naheed Azam

**I/C Principal**