



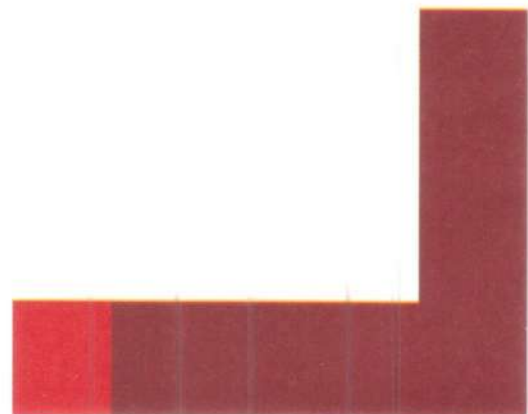
**SOMAIYA**  
**VIDYAVIHAR**

K J Somaiya College of Science & Commerce



## **Criteria VII: Institutional Values and Best Practices**

### 7.2 BEST PRACTICES





## Best Practices

The institute adopts two best practices “Learn from stalwarts” and “Enriching expressions” which promotes the student engagement through active learning from eminent speaker of premier institutes and alumni of the institute.

### Best Practice-1

#### 1. Title of the Practice

LEARN FROM STALWARTS

#### 2. Objectives of the Practice

- Promoting student engagement through active learning
- Enable the class to address important topics from multiple perspectives, thus increasing students’ curiosity for, and engagement with, course content.
- Actively involve students in a wide range of experiences while also advancing the goals of a given curriculum.

#### 3. The Context

Education is shifting the emphasis from a teacher-centred to a learner-centred environment in which learner explores topics in greater depth and creates meaningful learning opportunities. Learn from stalwarts’ activity brings a truly interactive learning experience into classrooms where students and teachers share their knowledge background theoretically on various contemporary topics.

#### 4. The Practice

During the session various elite researchers and academicians from premier institutes i.e. BARC, IISER, Pune and IIT, Mumbai have delivered the lectures and motivated the students towards research and thorough in-depth knowledge on various topics. The lecture series also includes the career counselling for postgraduate students to realise the importance of Basic Natural sciences.



*[Signature]*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



## 5. Evidence of Success

### List of Lectures organised in academic year 2021-22

| Sr. No | Department   | Title of the event  | Name and designation of speaker   | Date  | beneficiaries                |
|--------|--|---|---|---|------------------------------|
| 1      | Economics  | Webinar on Stock Market   | Venkata Sri Harsha, MD & CEO of Shine Projects  | 24 <sup>th</sup> May 2021                       | 60 Students and 1 Teacher    |
| 2      | Statistics   | Hands-on training Python workshop                               | Mr. Abhay Walimbe, Vice-president, J P Morgan   | 12 <sup>th</sup> and 13 <sup>th</sup> July 2021 | 41 students                  |
| 3      | Chemistry in association with Career Guidance Cell | Webinar on Careers In Chemistry: Rising To The Top              | Dr. Prabodh Chobe, Former Senior General Manager & Head, R & D, BASF  | 14 <sup>th</sup> July, 2021                     | 190 Students and 7 Teachers  |
| 4      | Physics  | Webinar on Black hole-Einstein's outrageous legacy              | Mr Ajay Palekar, Associate Professor (Retired) Physics Department R.D. National College, Mumbai                                     | 24 <sup>th</sup> July 2021                      | 143 Students and 5 Teachers  |
| 5      | Chemistry and Indian Chemical Society              | Webinar on Advances in Nanotechnology for affordable healthcare | Dr P A Hassan. Head, Nanotherapeutics and Biosensors Section Chemistry Division, BARC and Professor, Homi Bhabha National Institute | 24th July 2021                                  | 109 Students and 29 Teachers |



*Dshu*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



|    |   |  |   |                               |                              |
|----|---|--|---|-------------------------------|------------------------------|
| 6  | Commerce  | Webinar on Adversity to Advertising                                | Ms. Urvashi Satghare, Founder & CEO UN Square Advertising   | 9 <sup>th</sup> August 2021   | 89 Students and 8 Teachers   |
| 7  | Chemistry & Department of Lifelong Learning & Extension | Webinar on Covid-19 Vaccine Awareness                              | Dr. Nidhin Joseph, MBBS, MPH, M. Med. Family Medicine   | 10 <sup>th</sup> August, 2021 | 127 Students and 8 Teachers  |
| 8  | Botany  | Workshop on “Soft skills – Key of Success”                         | Mr. Amogh Kshirsagar, Psychologist and Corporate trainer  | 14 <sup>th</sup> August 2021  | 40 Students and 6 Teachers   |
| 9  | Botany  | Workshop on “Problem Based Learning”                               | Mrs. Hemangi Kotibhaskar, Senior Associate-Scientific Writing, Indegene Pvt. Ltd., Bangalore Senior Teaching Associate- (CoESME), IISER, Pune | 21 <sup>st</sup> August 2021  | 71 Students and 6 Teachers   |
| 10 | Accountancy   | Webinar on Six Jars of Wealth Management                           | Mr. Nitin Agarwal, Director, Knowledge Inclusion  | 26 <sup>th</sup> August, 2021 | 101 Students and 3 teachers  |
| 11 | Physics   | Webinar on Plasma: The Fourth State of matter and its Applications | Prof. R. R. Deshmukh, Registrar and Professor of Physics, ICT Mumbai  | 28 <sup>th</sup> August 2021  | 147 Students and 13 Teachers |



*Abhinav*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.





|    |                                    |   |  |                                  |                             |
|----|------------------------------------|---|--|----------------------------------|-----------------------------|
| 12 | Biochemistry                       | National Webinar Swasthya aur Poshan Mahotsav, 2021                             | 1] Mr. Vijay Yelmalle Proprietor, Center for Research in Alternative Farming Technologies (CRAFT)<br>2] Deepa Menghani Textile and Clothing graduate<br>3] Dr Ulka Natu, Gynaecologist, Yoga practitioner and Holistic healer<br>4] Sharvari Kalantre, Consultant Dietician and Yoga Teacher | 20 <sup>th</sup> September 2021  | 300 Students and 4 Teachers |
| 13 | Accountancy                        | Webinar on Investors Awareness Program  | Mr. Amogh Gothoskar, PGDM in Finance & Marketing   | 23 <sup>th</sup> September, 2021 | 65 Students                 |
| 14 | Geology                            | Various Career Aspects for Geologists with special reference to Cement Industry | Mr. Abani Padhy, Senior Manager Geology, Dalmia cement, Dalmia Bharat Group  | 2 <sup>nd</sup> October 2021     | 80 Students                 |
| 15 | Research Development Committee and | Public lecture on Radioactivity   | Prof P R Vasudeva Rao, Vice Chancellor, Homi Bhabha  | 13 <sup>th</sup> October, 2021   | 393 Students                |



*[Signature]*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



|    |   |   |  |  |                              |
|----|---|---|--|--|------------------------------|
|    | Department of Chemistry                                     |   | National Institute (Deemed University); former Director, Indira Gandhi Centre for <u>Atomic Research, Kalpakkam</u>  |  |                              |
| 16 | Chemistry and Royal Society of Chemistry West India Section | Online Lectures and Problem solving Session   | 1] Dr Sandeep Nigam, Scientist G, Chemistry Division, BARC.<br><br>2] Dr Saurabh Kumar Singh, Assistant Professor at IIT Hyderabad.<br><br>3] Prof Suvarn Kulkarni, Professor IIT Bombay | 25 <sup>th</sup> and 26 <sup>th</sup> November, 2021 | 185 Students and 6 Teachers  |
| 17 | Career Guidance Cell in association with Department of Law  | Webinar on Career Opportunities in the Legal Field: Litigation, Non-Litigation and Beyond | Adv. Vikrant Parashurami, Panel advocate for Bajaj Allianz General Insurance Company and practices in Magistrate court and CMM court   | 8 <sup>th</sup> January 2022                         | 21 Students                  |
| 18 | Business Law  | Workshop on IPR Awareness   | Dr. Pankaj Borkar, Ministry of Commerce & Industry Deputy Controller of Patents & Design   | 11 <sup>th</sup> January 2022                        | 498 Students and 50 Teachers |



*Principals*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



|    |              |  |  |  |                             |
|----|--------------|--|--|--|-----------------------------|
| 19 | Biochemistry | National Webinar Swasthya Mahotsav,2021  | 1] Dr. Avilash Tiwari, Consultant Physician & Medical Director, Sai Healthcare Hospital<br><br>2] Dr.Ram Tainwala, Consultant Dermatologist, Cosmetologist & Trichologist<br><br>3] Dr.Chetan Vedpathak, Ayurvedic Practitioner<br><br>4] Dr.Sushma Sonawane, Head,Department of Psychiatry, T.N Medical College & B Y L Nair Hospital | 15 <sup>th</sup> and 22 <sup>nd</sup> January 2022 | 304 Students and 4 Teachers |
| 20 | Commerce     | Webinar on Empowering the Youth          | Mr. Sarang Vishwanath Gosavi, Founder President, Aseem Foundation  | 25 <sup>th</sup> January 2022                      | 64 Students and 5 Teachers  |
| 21 | Biochemistry | Healthy cooking Workshop, 2022           | Chef Ajinkya Parab, Owner & Chef de Partie, Lamafia  | 29 <sup>th</sup> January 2022                      | 85 Students and 4 Teachers  |
| 22 | Mathematics  | Webinar on History of Indian Mathematics | Dr Shriram Chauthaiwale, an eminent professor of Mathematics specialised in Vedic Mathematics  | 8 <sup>th</sup> February 2022                      | 29 Students and 24 teachers |



  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.





|    |             |   |   |  |                                    |
|----|-------------|---|---|--|------------------------------------|
| 23 | Accountancy | Webinar on<br>CMAs are<br>Always in<br>Demand | 1] Mr. Fenil<br>Vadakken is a<br>Relationship<br>Development<br>manager- India,<br>IMA<br>2] Mr. Sarvottam<br>Rege is a<br>president of IMA<br>Mubai Chapter.<br>By qualification<br>he is M.com.,<br>CMA-USA and<br>FCMA (India).<br>3] Mr.<br>Gopabandhu<br>Satapathy,<br>Director Mumbai<br>Chapter,<br>IMA,USA. | 8 <sup>th</sup> February<br>2022       | 40 Students                        |
| 24 | Physics     | Workshop on<br>The Light Show                 | 1] Mr Ashok<br>Rupner,<br>2] Ankish Tirpude<br>3] Mrs Pradnya<br>Pujari<br>4] Mr Shubham<br>Patil, Science<br>Educators, Smt.<br>Indrani Balan<br>Science Activity<br>Centre, IISER,<br>Pune  | 16 <sup>th</sup> Feb 2022              | 72 Students<br>and 14<br>Teachers  |
| 25 | Chemistry   | Two days<br>Seminar Learn<br>from Stalwarts   | 1) Prof. Gurmeet<br>Singh, Vice<br>Chancellor<br>Pondicherry<br>University<br>2) Dr. Adish<br>Tyagi, BARC,<br>Mumbai<br>3) Dr. R.<br>Acharya,<br>BARC<br>Mumbai<br>4) Prof. Santosh J<br>Gharpure   | 16 & 17 <sup>th</sup><br>February 2022 | 161 Students<br>and 15<br>Teachers |



*Principle*  
**PRINCIPAL**

K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



|    |              |   |   |  |                             |
|----|--------------|---|---|--|-----------------------------|
|    |              |   | <p>5) Prof. Axel Klein, University of Cologne, Germany</p> <p>6) Dr. Vinita Grover, BARC Mumbai</p> <p>7) Dr. R. Maitra, IIT Mumbai</p>   |  |                             |
| 26 | Business Law | Webinar on Celebration of Democracy Fortnight (Talk on Making Democracy work for women) | Adv. Puneet Chaturvedi  | 22 <sup>nd</sup> February, 2022                  | 80 Students and 10 Teachers |
| 27 | Mathematics  | International Symposium in PDE & Geometric Analysis                                     | <p>1) Professor Almut Burchard, University of Toronto, Canada</p> <p>2) Dr. Jérôme Vétois, McGill University, Canada</p> <p>3) Dr. Mousomi Bhakta, IISER Pune</p> <p>4) Dr. Ali Hyder, TIFR CAM Bangalore</p> <p>5) Dr. Saikat Mazumdar, IIT Bombay</p> <p>6) Professor Vinayak S. Kulkarni, University of Mumbai</p> | 18 <sup>th</sup> and 19 <sup>th</sup> March 2022 | 45 Students and 49 Teachers |





**SOMAIYA**  
**VIDYAVIHAR**

K J Somaiya College of Science & Commerce



|    |              |                                 |                              |  |                           |
|----|--------------|---------------------------------|------------------------------|--|---------------------------|
| 28 | Biochemistry | FoSTaC and HACCP training, 2022 | Mr.Sanjay Indani, Lead Tutor | 25 <sup>th</sup> and 26 <sup>th</sup> March 2022 | 20 Students and 1 Teacher |
|----|--------------|---------------------------------|------------------------------|--|---------------------------|

## 6. Problems Encountered and Resources Required

- Raising funds for activities
- Ensuring active student participation



*AShu*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



## Best Practice-2

### 1. Title of the Practice

Enriching Expressions

### 2. Objective of the Practice

- To build a strong network of past and current students.
- To encourage, foster and promote close relations between K J Somaiya College of Science and Commerce and its Alumni for the growth of the institution in the areas of industry interaction, admissions, internships and placement.
- Alumni are great mentors for current students as they can share their insights about the competitive market for opting better opportunities

### 3. The Context

Alumni associations have been a part of educational institutions. “Enriching Expressions” activity makes optimum use of alumni expertise to conduct Alumni – student knowledge exchange programmes like professional lectures, panel discussion, etc.

### 4. The Practice

Lecture/workshop series ‘Enriching Expressions’ involves organisation of talks/workshops/discussions by eminent alumni in their area of expertise. The students are benefited by the experience of the alumni in topics of current areas of research etc. Every year during the annual reunion, eminent Alumni are felicitated. This year Mr. Parmanand Bhatia an alumnus of the microbiology department was felicitated. Mr. Parmanand Bhatia is the co-founder of Lab Diagnostics Pvt Ltd. A rapid covid-19 test of this company was approved by the ICMR last year.

Every department of the college seeks to develop innovative courses through alumni engagement. One such initiative has been taken up by the Department of Chemistry - A skill



*Abhi*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



enhancement course titled 'Business skills for Chemists'. This course is designed for TYBSc Semester V and conducted by the alumni of the chemistry department who are working in the industry for 10 to 15 years and are well versed with their domain. 104 TYBSc students enrolled for this course in academic year 2020-21.

Alumni are regularly involved as judge for department festivals of Biochemistry. Chemistry department organised Panel discussion with Alumni during "Rasayan" festival. In panel discussion present students interviewed alumni about their career path. Physics department organised career guidance session by alumni.

## 5. Evidence of Success

### List of Events organised in academic year 2021-22

| Sr . No | Department/ Committee | Title of the event   | Name and designation of speaker  | Date                         | beneficiaries  |
|---------|-----------------------|--|--|------------------------------|--|
| 1       | Geology               | Ladakh Exploration Experience  | Rujal Pachigar, Heet Joshi and Adishri Bhandarkar  | 6th August 2021              | 80 Students and 5 Teachers                                     |
| 2       | Alumni Association    | Alumni Reunion 2021-22   | Mr. Paramanand Bhatia<br>Technical Director and Co-founder at Lab-Care Diagnostics Pvt Ltd | 7 <sup>th</sup> August 2021  | 235 participants including Alumni, Faculty and Retired Faculty |
| 3       | Economics             | Understanding 'TALK' at work<br>T – Transmission, A – Aesthetic / Assertive, L – Language, K – Knowledge | Mr. Avinash Lohana,<br>Assistant Editor (Entertainment) - Pinkvilla                        | 7 <sup>th</sup> August, 2021 | 155 Students   |



**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.





|   |  |  |  |                                  |   |
|---|--|--|--|----------------------------------|---|
| 4 | Commerce                               | Entrepreneurship development                                       | Ms. Kinjal Nishar, Owner of online business Rose Petals  | 14 <sup>th</sup> August 2021     | 28 Students and 5 Teachers                        |
| 5 | Microbiology                           | Enriching expressions: The Art of Writing Science                  | Mr. Srinjoy Chakraborty, Junior Research Fellow and Teaching assistant at Amity institute of Physiology and Allied Sciences, Amity University, Noida | 21 <sup>st</sup> August 2021     | 92 Students and 6 Teachers                        |
| 6 | Botany                                 | Tale of Tumbles & Triumphs   | Ms. Maithili Dalvi, expertise in Conventional Karyotyping and FISH which is a critical diagnostic tool in detection of Cancer                        | 18 <sup>th</sup> September, 2021 | 46 Students and 6 Teachers                        |
| 7 | Commerce                               | A-Z guide of House bakery  | Mr. Siddhesh Hadwale, Entrepreneur TYBCom Student  | 20 <sup>th</sup> November 2021   | 89 Students and 8 Teachers                        |
| 8 | Physics                                | Recent Initiatives by IMD in weather services and challenges ahead | Dr. Krishnanand Hosalikar, Scientist G, Additional Director General of Meteorology, IMD Pune.  | 3 <sup>rd</sup> December, 2021   | 30 Students, 13 Teachers and 2 Non-teaching staff |
| 9 | Accountancy in association with Career | Webinar on Guidance to CA Aspirants                                | CA Ameya A. Vaidya, Manager-Finance & Accounts, Agis   | 8 <sup>th</sup> January 2022     | 94 Students                                       |



  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



|    |  |   |  |   |                             |
|----|--|---|--|---|-----------------------------|
|    | Guidance Cell and Competitive Exam Committee |   | Customer Support Services Private Limited  |   |                             |
| 10 | Economics                                    | Credit Analyst - Acuris   | Ms Khushbu Gajra, Credit Analyst - Acuris  | 15 <sup>th</sup> January, 2022                      | 98 Students and 4 Teachers  |
| 11 | Mathematics                                  | Webinar on Mathematics, Statistics and Data Science- Joining the dots | Mr. Anantha Krishnan Subramanian, Assistant Vice President, Operational Risk Management at Deutsche Bank | 21 <sup>st</sup> and 22 <sup>nd</sup> February 2022 | 21 Students and 5 Teachers  |
| 12 | Biochemistry                                 | Scientific Writing, 2022  | Ms. Akanksha Sharma, Pursuing Ph.D in Biochemistry from Harkisondas hospital                             | 24 <sup>th</sup> January 2022                       | 36 Students                 |
| 13 | Microbiology                                 | Enriching Expressions- Guidance on foreign studies                    | Mr. Pratik Ghag, Business Analyst at Channel Sight: eCommerce Intelligence.                              | 29 <sup>th</sup> January 2022                       | 117 Students and 3 Teachers |
| 14 | Mathematics                                  | Career Guidance for Opportunities outside of India                    | Ms. Ann Breeze J Konkoth, Pursuing Masters in Medical Statistics at the University of Leicester, England | 3 <sup>rd</sup> March 2022                          | 39 Students and 4 Teachers  |



*Principals*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.



|    |   |                                 |   |                             |             |
|----|---|---------------------------------|---|-----------------------------|-------------|
| 15 | Alumni Association in association with Department of Chemistry and Career Guidance Cell | Webinar on Opportunities Abroad | Dr. Sachin Shinde, Research Associate Cambridge Graphene Centre University of Cambridge Cambridge, United Kingdom | 12 <sup>th</sup> March 2022 | 64 Students |
|----|---|---------------------------------|---|-----------------------------|-------------|

## 6. Problems Encountered and Resources Required

- Registration of alumni



*Abhi*  
**PRINCIPAL**  
K.J. SOMAIYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI - 77.