

**K. J. Somaiya College of Science and Commerce**  
**Autonomous – Affiliated to University of Mumbai**  
**Vidyavihar, Mumbai - 400077**  
**Reaccredited ‘A’ grade by NAAC**

## **Best Practices (2018-2019)**

**1) Appreciation of teachers and non-teaching staff for Long Service.**

Institute appreciates the commitment of the faculty members and its support staff for devoting a long span of their life to the Institution. Mementos are awarded to the teachers and the non-teaching staff for their long service every year on the occasion of Teacher’s day. This strengthens the rapport between the institute and the teachers, and opens avenues for a positive future relationship with the faculty.

Teachers day celebration was organized on 5th september ,2018 by the cultural forum in seminar hall at 10 am . On this occasion, followed by teachers day celebration, Long service awards were given. The chief guest for this function was Dr. M.R.Kurup, secretary, Kelkar Education trust. Faculties and non teaching staff from junior and senior college who rendered consistent service to K.J. Somaiya college of science and commerce were felicitated.

**2) Best girl student award and best overall student award.**

In order to appreciate the efforts, undertaken by the students to achieve their academic endeavors, the institute recognizes and offers awards as best girl and best overall student award. The rationale is to motivate the students to focus on academic excellence along with progress in co-curricular and extra-curricular activities leading to their holistic development.

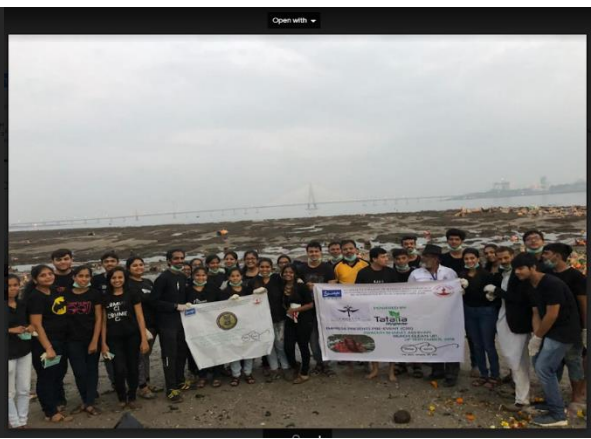
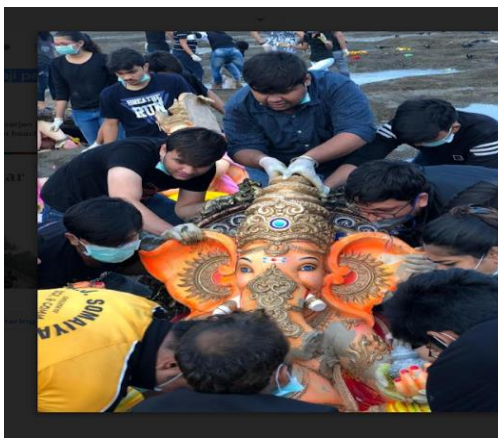
**3) Awareness session for females on personal hygiene.**

Institute recognizes the role of a woman in society and in order to practically implement the principles of personal hygiene and development, institute conducts a number of lectures, orientation sessions for female students. This not only enables the students to become aware about the importance of health and hygiene but also facilitates the provision of career prospects in health and hygiene related sectors.

**4) Beach cleaning post Ganesh-visarjan.**

Institute is located in urban Mumbai and Ganesh visarjan is a major event celebrated by the local population.As an experiential learning activity, the students undertake campaign to clean beach after Ganesh-visarjan.The intention is to create awareness among the general public about the hazards of the waste generated by the public on the beaches and the impact on the flora and fauna in the vicinity of the beach. A positive concomitant benefit of this activity is that it inculcates a sense of belonging for the society and the environment in the minds of the students.

Beach Cleanliness drive at shivaji park Dadar post visarjan on 24<sup>th</sup> september 2018 undertaken by 90 students of unaided commerce and 3 teachers of KJSSC with guidance and permission from ward officer Mr Tanaji and Assistant commissioner Mr Khairnar.



5) **Registered health post on the Campus.**

There is a presence of a health post on the Campus where the students can avail the facility for medical assistance as per the requirement. This is to facilitate the provision for providing medical assistance to the students as an when required as per the guidelines.

6) **Academic Audit.**

Institute believes in consistent evaluation by the respective stakeholders from different domains and the implementation of their suggestions for achieving higher benchmarks in the journey of academic excellence. In order to monitor the progress of the institute, annual Academic Audits are being conducted. Senior academicians in a team visit the different departments of the institute and evaluate the activities as per the guidelines. Suggestions and recommendations given by them are meticulously incorporated in the action plan and consistent efforts are taken to fulfill the activities to achieve the higher benchmarks in academics.

7) **RiiDL chapter(Innovation and incubation center)**

Recently there has been considerable attention to innovation and the Institute started a RiiDL chapter in collaboration with RiiDL at the campus level. RiiDL is Research Innovation Incubation Design Laboratory a central facility at the campus level which serves as a platform for the students to showcase their innovation and provides the assistance for start-ups. RiiDL chapter will serve the role as a mediator for the correspondence with the RiiDL. Different students from Commerce and Science streams, gather and exchange innovative ideas at RiiDL chapter at the institute level.

An interactive seminar titled “Entrepreneurship and startups” by Mr. Gaurang Shetty, Chief Innovation Catalyst, RiiDL was organized by the Department of Biochemistry for T.Y.B.Sc students 13<sup>th</sup> June 2018.



**8) Results are declared on time.**

Institute undertakes the examinations on behalf of the University of Mumbai and declares the results on time. Examination cell prepares the timetable in order to conduct different examinations. CAP (Centralized Assessment Program) committee facilitates the assessment of the answer books as per the guidelines. A synergy between the Exam cell and the CAP enables the institute to declare the results on time. Declaration of the results on time enables the students to apply for further studies well before the respective deadlines. As an Autonomous institute, all the necessary steps are undertaken to complete the assessment before time and declare the results on time.

**9) Implementation of different teaching-based pedagogies.**

Institute believes in consistent empowerment of the faculties. Different workshops, induction programs are conducted to train the faculty members to learn and implement ICT-based teaching, learning and assessment methodologies. There has been a considerable increase in the number of the faculty members adopting ICT-based teaching, learning and assessment methodologies. This not only facilitates online academic transactions but also minimizes the use of paper and permits convenient data retrieval.

The IQAC, KJSSC organized a Two –Day Workshop on RBPT on 23<sup>rd</sup> and 24<sup>th</sup> November 2018. Total 20 staff members from KJSSC have completed the level 1 training in RBPT and 2 of them have also completed the level -2 training.



The One day workshop on ‘Let do Research- The RBPT way’ was organized on 23<sup>rd</sup> December 2018 from 10.00 am to 3.00 pm. The objective of the workshop was to orient the F.Y.B.Sc students (Physics-Chemistry and Microbiology combination) to undertake short 6-week research projects which are interdisciplinary in nature under STAR-DBT scheme . Dr. Roshan D’Souza, Professor and Head, Department of Zoology, Sophia College, Mumbai, Dr. Jitendra Pendharkar, Assistant Professor in Physics, KJSSC and Dr. Lolly Jain, Associate Professor in Microbiology were the resource persons for the workshop. The workshop began with an Introductory talk by Dr. Roshan D’Souza. She explained the different types of research, difference between method and methodology, process flow that a researcher follows, essentials of a research report and summed it up by defining the criteria of good research. They were then grouped into 10 groups (5-6 students each). They were told to design their projects



#### **10) Projects at UG level (STAR College).**

Financial assistance offered under the DBT STAR scheme had a significant positive impact on the undergraduate education. All the Science Departments (11 in all) were provided with the financial assistance, which was implemented in the form of Research projects, workshops, educational visits. The intention was to inculcate scientific temperament in the mind of undergraduate students and motivate to pursue knowledge beyond the scope of syllabus.

Department of **PHYSICS** Educational visit to “**Geomagnetic Observatory, Alibaug**”. Fifty three students had been to Alibag Magnetic Observatory on **21<sup>st</sup> August 2018** under DBT-STAR COLLEGE scheme. 53 undergraduate students were benefited with this visit.



A workshop on “**Chems sketch Draw**” was organized by Department of Chemistry Under the STAR-DBT Scheme for T.Y.B.Sc (Chemistry) Students from 23<sup>rd</sup> to 27<sup>th</sup> July, 2018. About 118 students attended the workshop.



“Enriching Expressions” activity by Department of Microbiology under STAR DBT scheme on 30th August 2018. Dr. Ramchandra Amnekar was resource person for the event and 153 students attended the lecture.



Lecture on “Secure Optical Communication with Lasers and the effect of Butterfly Effect” was organised under the DBT-STAR Scheme of department of Physics in collaboration with Indian Women Scientists Association on 6<sup>th</sup> September 2018. Total 85 students attended the lecture.



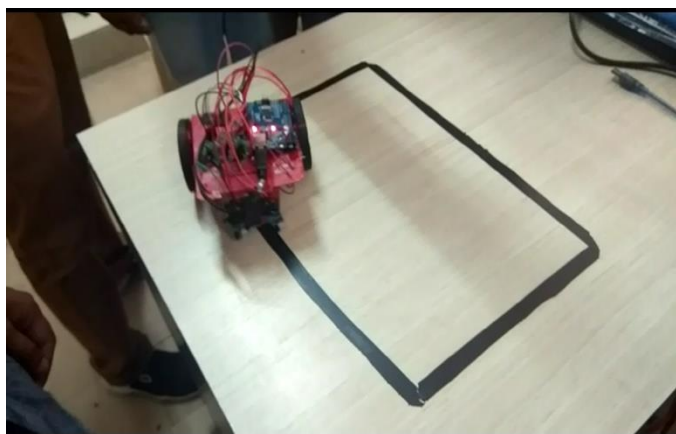
A workshop on “Machine learning using Python” was organized by Department of Computer Science under STAR-DBT on 8<sup>th</sup> January 2019. Total 43 students attended the workshop.



Department of Microbiology organized a Workshop on “Foldscope” under STAR-DBT scheme 11<sup>th</sup> and 14<sup>th</sup> February 2019. About 63 F.Y.B.Sc students were oriented about the use of easily available paper microscope invented by Mr. Manu Prakash Sharma for easy viewing of live samples



A two-day Workshop on "I- Senso Robotics" was organized by Department of Computer Science under STAR-DBT on 11<sup>th</sup> and 12<sup>th</sup> of February 2019.



Visit to Konkan Krishi Vidyapeeth, Dapoli by Zoology Department from 2<sup>nd</sup> to 5<sup>th</sup> December 2018.



Department of Zoology conducted Mangrove visit at Soonabai Pirojshah Godrej Marine Ecology Centre on 18<sup>th</sup> July 2018. The said visit was attended by 28 students of T. Y. BSc and 13 students of M. Sc Zoology part II



On the 12<sup>th</sup> of July 2018, Department of Zoology organised a one day field trip to Neral-Matheran for its TYBSc Students, under DBT star college scheme. 23 students attended the excursion



*Dushree*

**PRINCIPAL**  
K. J. SOMAYA COLLEGE OF SCIENCE & COMMERCE  
VIDYAVIHAR, MUMBAI-77. (03)

