

K J Somaiya College of Science and Commerce

Autonomous-Affiliated to University of Mumbai,
Vidyavihar, Mumbai-77

Annual Report 2018-19

One of the notable institutions in Somaiya Vidyavihar is K. J. Somaiya College of Science and Commerce, founded in 1972.

The college has been known for its professors, research culture, and democratic leadership from its foundation. The college advisory committee, academic advisors, and research coordinators have all made significant contributions to achieving the institution's mission, which places a strong emphasis on meeting the learning needs of undergraduates through creative teaching, individualised advisement, and robust support for undergraduate research and active learning.

Equally noteworthy are the tireless efforts of the support workers from the college administration, labs, and library. They are encouraged to participate in various training programmes from time to time so they may enhance the culture of the institution and the quality of their job.

Our main stakeholders, the students, participate in several activities that enhance their skills and sense of responsibility. Through internships, service learning, and community involvement, they form strong bonds and connect to local and national communities. Their varied course options inspire students to pursue their own interests, network with other students from different backgrounds and get ready for different graduate and professional programmes of their choice.

AUDITS

- **Gender Audit :**
Gender audit was conducted during the academic year 2018-19
- **Green Audit :**
Green audit was conducted during the academic year 2018-19
- **Examination Process Audit:**
Examination Process Audit was conducted during the academic year 2018-19
- **Academic Audit :**
Academic Audit was conducted during the academic year 2018-19

- **National Institutional Ranking Framework (NIRF) :**
The institution participated in the NIRF in the academic year 2018-19

AWARDS TO COLLEGE

- College was selected for Unnat Bharat Abhiyan (A Govt. of India Initiative) and under UBA college adopted 5 villages namely Pardi, Sisane, Haladpada, Ghadni and Dhanivari in TalukaDahanu Dist. Palghar. The household and the village survey of these 5 villages was completed in May 2019 and the survey outcome is available on UBA portal.
- Was awarded the third prize for the Environment friendly Campus - Green Campus Award in Jan, 2019

CERTIFICATE OF APPRECIATION

- Certificate of Achievement: IYPT 2019 INDIA PROGRAM
- Certificate of Participation at Microsoft EDU-CLOUD Program for the period of 28th March, 2018 to 27th March, 2019



K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE

(Autonomous - Affiliated to University of Mumbai)

Accredited 'A' grade by NAAC

IQAC NEWSLETTER

2018-19



ACCREDITATION

- First cycle of Accreditation: 2004 - "A" Grade
 - Second cycle of Accreditation: 2010 - "A" Grade with CGPA of 3.21 on 4 point scale
 - Autonomous College of affiliated to University of Mumbai with effect from 2013-2014
 - Third cycle of Accreditation: 2016 - "A" Grade with CGPA of 3.24 on 4 point scale
 - Awarded College with Potential for Excellence (CPE) by UGC in 2016
 - Received STAR DBT grant
- Ranked 4th amongst the Best Science Colleges (City Wise Ranking) in Mumbai - India Today Survey (2014)
 - Ranked 3rd amongst the Best Science Colleges (City Wise Ranking) in Mumbai - India Today Survey (2015)

Major Highlights in A.Y. 2018-19

- Induction programme 2018
One day Induction Program was organized by IQAC and the attendance committee for First Year B.Sc. and B.Com. students. Class division wise sessions were arranged from 13th to 18th August 2018. This program was arranged for new students to help them adjust and feel comfortable in new environment, inculcate the ethos and culture of the institute in them. Glimpses of this programme are as follows:
- Welcome address by Principal Dr. Pradnya Prabhu
- A presentation about different committees in the college and facilities offered to the students by IQAC committee members
- The exam cell presentations regarding the evaluation pattern, the rules and regulations of the examinations by Exam cell members
- The NSS and NCC programmes were explained by Mr. D.G. Phondekar and Ms. Reshma Shinde
- DLLE activities were given by Mr. Saurabh Shete.
- The sports activities of Somaiya Campus were explained by Mr. Ashutosh Rathod, Coordinator, Sports Academy, SVV.
- Different alumni from various combinations of FY B.Com/B.Sc sessions interacted with students



IQAC MEMBERS

Dr. Pradnya Prabhu

Chairperson and coordinator / Director

Dr. Shubha Pandit

Management Representative

Mr. Ranjan Mogre

Industry Representative

Dr. Chandana Basu

Teacher Representative

Dr. Lolly Jain

Teacher Representative

Mrs. Arti Kore

Teacher Representative

Ms. Anushree Sukhi

Teacher Representative

Mr. Jayesh Bhagat

Teacher Representative

Sis. Swarashree (S.Y.B.Sc)

Student Representative

Sis. Arushi Pandya

Alumni Representative

Mr. Vinod Shrikisan Kudiya

Parent Representative

Mrs. Chitra Trehan

Student Welfare Committee Representative

Mrs. Madhavi Jardosh

Examination Committee Representative

Mr. C.P Girishankar

Local society Representative

Dr. Vandana Pradhan

Employer Representative

Mrs. Sameer Sawant

Non-Teaching Representative

Mr. Pritam Bhanwar

Non-Teaching Representative

Ms. Divya Pillai

Non-Teaching Representative

- ❖ **An interactive seminar titled “Entrepreneurship and startups” by Mr. Gaurang Shetty, Chief Innovation Catalyst, RiIDL** was organized by Department of Biochemistry for T.Y.B.Sc students 13th June 2018.



- ❖ **The interactive Seminar on “Excelling in Exams and Life” By Dr. Shrirang Joshi, consulting Psychiatrist (Somaiya College)** was organized by Department of Biochemistry for undergraduate and postgraduate students on 18th June 2018.



- ❖ On 19th June 2018, an interactive seminar titled **“Driving your career ahead through Education” by Mr. Jaspreet Singh**, was organized by Department of Biochemistry for undergraduate and postgraduate students of the Department



❖ “International Yoga Day” 21st June 2018 was celebrated in college.



❖ The workshop on “Yoga and meditation for Healthy Life” by Dr. Rita Dhame on International Yoga Day by Department of Biochemistry



❖ Department of Zoology conducted “**Biostatistics workshop Insilico**” on 22nd and 23rd June 2018. Mr. Nitin Wasnik from D. G. Ruparel College was the resource person and the workshop was attended by 29 students of M. Sc part II from Zoology and Biotechnology.



- ❖ **“National statistics day”** was celebrated on 29th June 2018. This was the fourth year of celebration. Around 45 students of S.Y.B.Sc. & 27 students of T.Y.B.Sc. along with 11 faculty members were present for the occasion.



- ❖ On 25th June 2018, a **workshop titled “Letter and Resume writing”** by Dr. Hemangi Bhagwat, Associate Professor, KJSSC was organized by Department of Biochemistry for T.Y.B.Sc. students.



- ❖ On 30th June 2018, an interactive seminar was organized by Department of Biochemistry for undergraduate students. Ms. Himani Chowhan, Head, Senior Research Associate, learning mate was invited for a talk titled **“Career options in Management”**.



- ❖ On the occasion of World Zoonoses Day 6th July the Department of Zoology organised a talk by **Veterinary Consultant Dr. Lalit Sharma**. The talk was attended by 74 students and departmental staff.



- ❖ **Two days annual event “BIOZONE”** was conducted by Department of Biotechnology on 9th and 10th of July 2018. **The theme for event was “Greatest Discoveries in Science” & “Recent Advances in Farming”**. About 65 students participated in this event.



- ❖ Department of Business Law had organized a **talk on “Insolvency and Bankruptcy Code”** by **Ms Veena Sivaramakrishnan** and **Mr. Shardul Amarchand Mangaldas** on 16th July, 2018. About 113 students benefited by this activity.



- ❖ Department of Economics organized a **“Quiz Competition”** on 16th July 2018 to enhance the problem-solving skills, knowledge about concepts in economics and general knowledge of students. 18 students participated in the event.



- ❖ **A motivational lecture** was organised by Department of Zoology for students on 17th July 2018 under DBT-STAR scheme. **Mrs. Harshini Kanhekar was invited as Guest speaker who is First women Fire officer in India.** 35 students and 9 staff members were present for the Lecture.



- ❖ Department of Mathematics organised a **lecture on “Applicable Mathematics and Soft Computing Techniques”** on 21st July 2018 . **Guest Speaker Dr.Rajendra Deodhar, from DRDO Pune discussed Fuzzy Systems, Neural Networks, Evolutionary Algorithms , Meta- heuristics, Probablistic Techniques.** 134 students participated in this activity.



- ❖ Department of Zoology announced a lecture series titled, '**Career after Zoology**' on 21st July 2018 and Mrs. Kiran Deshpande was invited to deliver a lecture on Career in Dietetics.



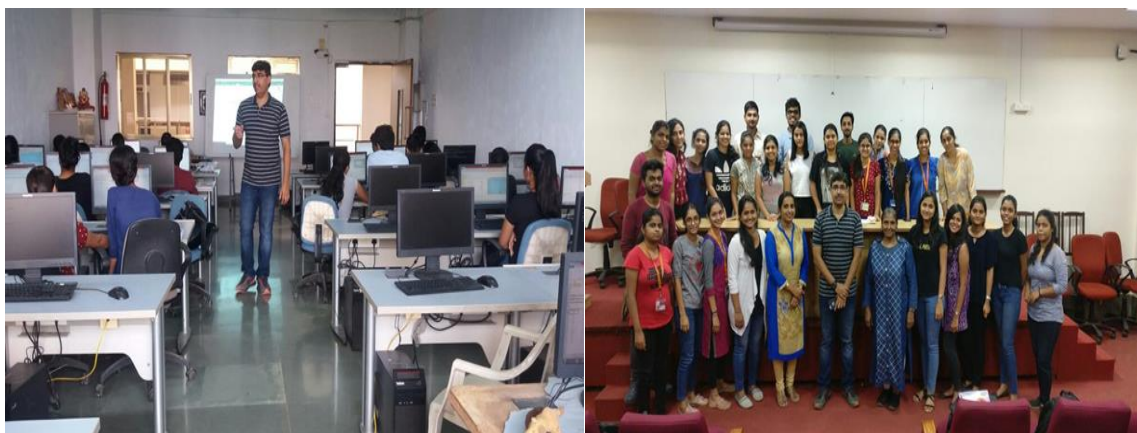
- ❖ A workshop on “**Chemsketch Draw**” was organized by Department of Chemistry Under the STAR-DBT Scheme for T.Y.B.Sc (Chemistry) Students from 23rd to 27th July, 2018. About 118 students attended the workshop.



- ❖ Workshop on “**Safety in chemical laboratory**” was organized for S.Y.B.Sc (Chemistry) students to promote safety awareness and encourage safe working practices in laboratories on between 30th July to 4th August 2018. About 214 students are benefited with this activity.



- ❖ The Department of Microbiology organized a two-day workshop under DBT Star College Scheme on **'Biostatistics- Insilico'** on 1st and 2nd August 2018. The resource person for the same as Prof. Nitin Wasnik, Assistant Professor, Department of Zoology, D.G. Ruparel College, Matunga.



- ❖ Department of Mathematics organised a workshop on **"Machine Learning and Mathematics"** on 4th August 2018. Resource Person Mohammad Raish N. Sayyed, Consultant at Capgemini India Pvt ltd and 55 students participated in this activity



- ❖ The Energetic and **motivational Lecture on "How to be Successful Every Time Everywhere"** was arranged for Students by the committee of Student's Council on 10th August 2018. The lecture was delivered by Dr Girishankar and 117 Students and 11 Faculty members were benefited by this lecture.



- ❖ Department of Statistics & Department of Computer Science conducted a two-day **workshop on “Python & R-software”** for all students and teachers from different disciplines on 10th and 11th August 2018. **Around 42 participants involving students and faculty from different colleges and industry professionals attended the workshop.**



- ❖ Department of BCAF, BFM, BMS organised seminar on **“Input Tax Credit Under GST”** on 11th August, 2018. The seminar was presided by the Mr. Krishnan Venkatasubramanian, CA, KPMG. Total 110 students attended the seminar.



- ❖ The event entitled **“Seminar on Career in Geology and Geosciences”** was organised on 11th August 2018 by the Department of Geology.



- ❖ On 13th August 2018, Department of Biochemistry organized an interactive seminar titled **“Career Opportunities in Food Auditing”** by Mr. Satish Kumar Gupta (Chief Assessor/ Food Scheme Manager, Indian Register Quality Systems (IROS), Mumbai) for UG students



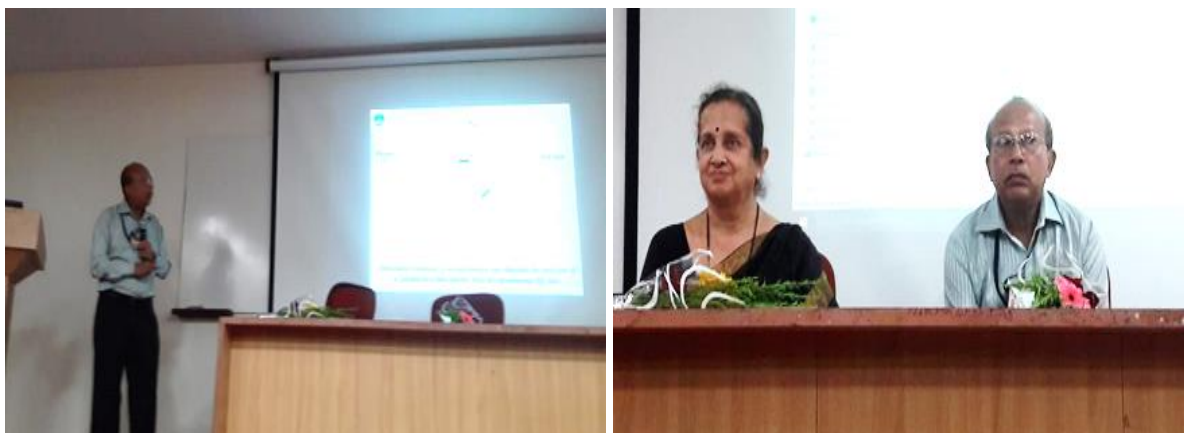
- ❖ Department of information technology & Computer science organized **“Friends Fiesta”** on 14th August 2018 to celebrates the spirit of friendship and help fresher’s to create a bond, mingle with their new friends and seniors.



- ❖ **“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 6th September 2018. Total 85 students attended the lecture.



- ❖ Department of Mathematics KJSSC on 8th September 2018, organised a **Talk on “Scope of Mathematics”** by **Sripad Kulkarni, Sr. Executive, Data Science, Nielsen India**. 194 students attended the seminar.



- ❖ **A Talk on “WILDLIFE BIOLOGY”** was organised by the Department of Zoology under Star DBT Scheme for the students in subject of zoology to make them aware about various avenues in zoology after their graduation is completed.



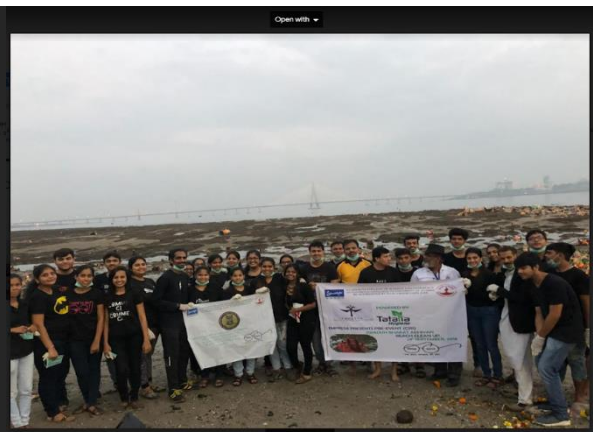
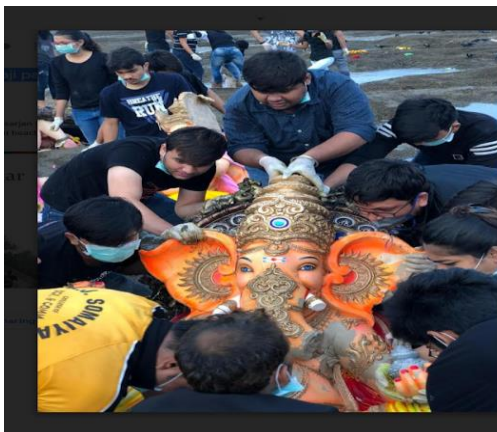
- ❖ Department of Business Communication organised a workshop for students on **Stress Management by the Mind trainer and voice culture specialist Mr Shekhar Kunte** on 11th September 2018. About 90 students attended the workshop.



- ❖ An **social awareness event "Sanitary Napkins Awareness"** organized by Department of BCAF/BFM/BMS and a team EMPRESA on 11th September 2018 in Shree Bhairavdev Vidyalyaya, Ritghar, Panvel in which nearly 125 Girl Students from 7th to 10th standard witnessed the campaign.



- ❖ **Beach Cleanliness drive** at shivaji park Dadar post visarjan on 24th 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 Khairnaarr.



- ❖ A workshop for Students and Faculty on 'Essential Tools and Guides for Green Chemistry and Engineering Education and Research' was organized by Industrial Green Chemistry World (IGCW) in association with Department of Chemistry on 29-30th September, 2018. The 230 participants of the workshop included 180 students and 56 faculty attended the above said workshop.



- ❖ The IQAC, KJSSC organized a Two - Day **Workshop on RBPT** on 23rd and 24th 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.



- ❖ Two-Day workshop: 12 -13 December 2018 on "**Statistical Analysis in R using STATCRAFT**" Organized by: Department of Statistics Under STAR DBT conducted by **Mr. Vishal Samant, 'Predictive Analytics Solutions Pvt. Ltd.'** Bangalore. Around 45 participants involving 39 students, 6 faculty from KJSSC and a VJTI engineering college student attended the workshop.



- ❖ The One day **workshop on “Let do Research- The RBPT way”** was organized by Microbiology department on 23rd December 2018 under STAR-DBT scheme. Around 46 students participated in this activity.



- ❖ **“The stargazing event”** was held at Patil farm, Asangaon by Department of Physics on 5th January 2019 in which 31 students were taught to how to orient themselves in the night sky and how to identify and locate the constellations observable.



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



- ❖ The Department of Microbiology, organised the Preliminary test for the 18TH STATE LEVEL MICROBIOLOGICAL OLYMPIAD (Quiz Competition) on 9th January 2019. Total 71 Undergraduate students participated in the event



- ❖ A seminar on topic “**Digital Marketing**” was organized by Department of Computer Science under STAR-DBT on 18th January 2019. Total 78 students attended the workshop.



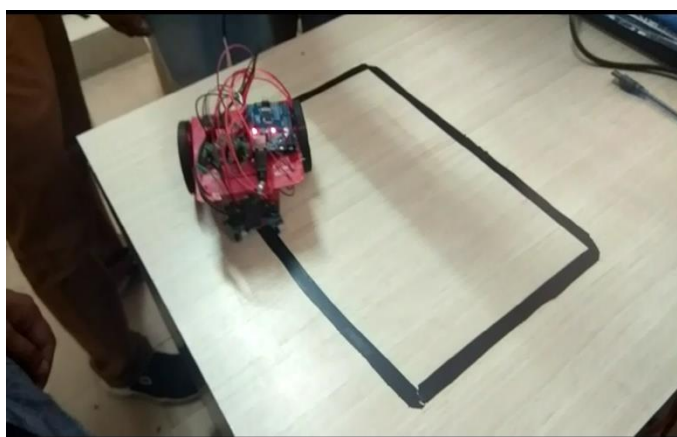
- ❖ A seminar on “**Green Computing**” was organized by Department of Computer Science under STAR-DBT on 23rd January 2019. Total 84 students attended the workshop.



- ❖ Department of Microbiology organized a **Workshop on “Foldscope”** under STAR-DBT scheme 11th and 14th 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 11th and 12th of February 2019.



- ❖ **“Geneticus Investigatio”**- the teacher training workshop for pedagogy in genetics was organized in collaboration with the **Interdisciplinary department in Education Technology, IIT Bombay** was organised by Department of Biotechnology on 12th February 2019. 12 teachers from different colleges from Mumbai were benefited by this workshop



- ❖ **Workshop on maintenance of laboratory equipment in collaboration with WRIC** under DBT Star Grant was organised from 13th to 16th February 2019. More than 40 non teaching staff from different colleges of Mumbai participated in this workshop.



- ❖ **Workshop on stereochemistry** by Dr. Mayur Desai, Assistant Professor from Gogate College was organized on 22nd February 2019. About 100 T.Y.B.Sc. and 91 M.Sc. Part 1 chemistry students attended this workshop



- ❖ A **lecture on “Statistical Quality Control”** was arranged by Department of Statistics on 23rd Feb, 2019. The Resource person was Mr. Umesh Lenka from Supermax Company, Thane. Around 80 SYBSc, TYBSc and MSc Statistics students attended the lecture.



- ❖ Department of Physics organized **“The Light Show”** to demonstrate the various optical phenomena with creative experiments on 28th February 2019 on the occasion of National Science Day. Along with Faculty members and college students of KJSSC (Jr and Sr College), The Somaiya School (5th to 9th students) and Somaiya Vinay Vidyamandir (Gujarathi medium) also experienced and enjoyed this show.



- ❖ An Essay writing competition was organised on the occasion of celebration of **“National Science Day”** on 28th February 2019. The theme of the competition was **“Science for the people and people for the Science”**. 22 participants participated in the essay writing competition



- ❖ Department of Computer Science and Information Technology organized Hands on **Workshop on “Digital Forensics”** on 1st March 2019. Twenty six students participated in the workshop and Ms. Purnima Ahirao and Ms. Deepti Patole from KJSCE were present as resource person.



Department Festivals

❖ Health Fair by Biochemistry

“Health Fair 2019” was organised by Department of Biochemistry under STAR DBT scheme on 12th and 13th January 2019 at Inorbit mall vashi. More than 70 undergraduate students participated in this event.



❖ Fizika by Physics

The Department of Physics organized the fourth edition of Physics festival “Fizika 2K19” on 11th and 12th January 2019. About 150 students participated in this festival.

❖ Sankhyastra by Statistics

Undergraduate and postgraduate students of Statistics organized an intercollegiate fest- “SANKHYASTRA 2018-19” under DBT Star College grant on 8th January 2019. Around 40 students from various colleges of Mumbai participated in this event.



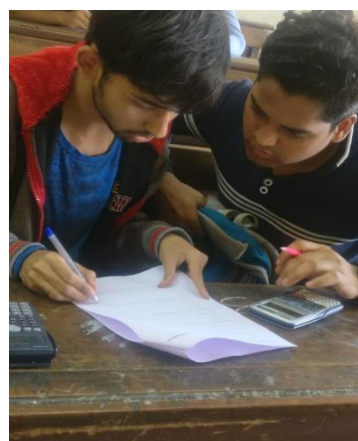
❖ Binary by Information Technology and Computer Science



Department of Computer Science and Information Technology jointly organized departmental annual festival - Binary on 21st & 22nd January 2019. More than 180 students participated in various technical games like Debug it, Blind coding Quiz, LAN gaming etc.

❖ Matheletics by Mathematics

The, Department of Mathematics organized the annual mathematics fest, 'Mathletics '' on 22nd December 2018 to commemorate the birth anniversary of the legendary Mathematician , Srinivas Ramanujan. Around 200 participants including teachers from 16 different colleges were a part of the fest.



❖ Microscope by Microbiology

Department of Microbiology organized State level Inter-Collegiate event MICROSCOPE-2018 sponsored by Hi-Media, T-Traxx, Express, Redbull, Vrushali's Astro Vastu consultancy, Khushal Security Services and Facilities, Bijy Tushar, FSI Diagnostic Centre, J.Parekh & Company, Microbiology-Alumni 2016-17. The event witnessed a huge number of 350 participants from Colleges within and outside Mumbai and International participation was observed from Brazil, China, USA and Russia.



❖ Rasayan by Chemistry

SYBSc and TYBSc students of Chemistry department organised a departmental annual festival on 8th December 2018. Students participated in various competitions which were based on field of chemical sciences.



❖ Zorilla by Zoology

The department of Zoology organises an Annual Intercollegiate fest - Zorilla on 30th November and 1st December 2019. This year the theme was "SYLVAN - back to roots". The festival boasts an astounding 350 plus participants. There are various subject based competitions with prime attraction of Fauna race to identify maximum species on our campus.

❖ Onyx by Geology

Department of Geology organised departmental annual festival -Onyx 2018 on 7th & 8th December. More than 70 students participated in various activities and games which were based on geological concepts.



❖ **Vruksham by Botany**

Department of Botany had organized an intercollegiate festival “VRUKSHAM 19” on 9th and 10th January 2019. The entire festival was organized by the students and for the students. There were about 300 participants from the host college and other colleges.



❖ **CRISPRalis -ECLORE POTENTIAL by Biotechnology**

More than a hundred students from 14 different colleges participated in five different events like Revelio Imperio: a crime scene based event, Mind Martians: a Biology quiz, Lab Rats: Competition based on lab skills and techniques, Impromptu: a topic given on the spot, Infinity Hunt : a treasure hunt on 25th January, 2019

Cultural Forum

Like every year, Cultural Forum of the college organised **annual event Surabhi 2018** on 19th, 20th December and **Phoenix 2018** on 20th to 22nd December. Surabhi is celebrated only for Somaiyaites while Phoenix is an inter collegiate fest which set up the opportunities for the students to showcase their talents and come out with confidence for future progress and achievements. The 3 days fest witnessed various events of Fine Arts, Literary Arts and Performing Arts.

The glimpses of cultural fests Surabhi 2018 and Phoenix 2018 can be seen in the photographs.



Field visits

- ❖ On Saturday, 30th June, 2018 T.Y.B.Sc Botany students visited Sagar Upvan, Colaba and Jijamata Udyan, Byculla. 34 students participated in this activity.



- ❖ Visit to Konkan Krishi Vidyapeeth, Dapoli by Zoology Department from 2nd to 5th December 2018.



- ❖ On the 12th 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. Bamboo pit viper spotted during field visit to Matheran



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



- ❖ Department of **Botany** organized visit to Keshav srushti for S.Y.B.Sc students. They enjoyed the mangrove trail and participated in the paper recycling activity. They also observed the medicinal plants and plant nursery.



- ❖ As the T.Y.B.Sc. students have Animal Tissue Culture as part of their syllabus, zoology department organized a visit to the Scientific Research Centre of V.G. Vaze -Kelkar College, so that the students get an exposure to an actual working of an ATC lab. 23 students visited the lab.



- ❖ Department of Zoology had organised one day excursion for SYBSC students to Tungreshwar Wildlife Sanctuary on 7th August 2018 under DBT STAR COLLEGE SCHEME. 47 students visited wildlife sanctuary.



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



- ❖ MSc-II students of department of Zoology were taken for a visit to Fish breeding centre at Aquaculture plant, Aarey colony, on Thursday, 30th August'18.



- ❖ The Department of Biotechnology organised an industrial visit to Pasteur Institute, Ooty; BioZEEN, Bangalore; High Field Tea factory, Ooty from 17th November 2018 to 24th November 2018 which included 61 students – 54 undergraduates and 7 postgraduate students accompanied by four faculty members.

Industrial visit 2018



- ❖ Students from S.Y.B.Sc. Microbiology visited Ankur-Theme Park, Enviro-Vigil, Kalwa, Thane on 5th January 2019. 52 Students could observe how vermi-wash is collected, processed and sold.



- ❖ Students of Commerce Club visited 'VRIDHDHALAYA', an old age home, at Mulund on 17th January 2019. Students distributed TILGUL and Flowers to all elderly people and spent time with them.



- ❖ Department of Computer Science and Information Technology organized a visit to GURUKUL SCHOOL FOR SPECIAL CHILDREN, Ghatkopar, Mumbai and conducted various activities with children on 25th January 2019. About 30 students and 3 teaching staff participated in this activity.



- ❖ Department of Business Law organized Visit to High Court , Mumbai to give them an insight about the functioning of Indian courts on 8th February 2019. 66 students took benefit of the event.



- ❖ Department of Information Technology organized a industrial visit to i)ABS ELECTRO PLATERS, ii)Yunca machinery manufacturing pvt. Ltd and iii)Varanda industries pvt.Ltd
Students observed application of electronics, Assembling Components, manufacturing process of Electro-mechanical Component, Relays and switches.



Parents Teacher Meet

- ❖ PTA meeting was organized by the Attendance Committee in coordination with various departments of Science and Commerce Faculty of K. J. Somaiya College of Science and Commerce for the Parents of **SY/TY B.Com/B.Sc** (both Aided and Unaided sections) students on **Saturday, 22nd September, 2018**



Mr. Rajesh Kamath delivering a talk on effective parenting during Parents-Teachers Meeting



Sports

- ❖ Sharvari Parulkar and Siddhi National gold medallist in athletics



- ❖ Jagruti Murbadkar National gold medallist in Table tennis



- ❖ Shivam Pingale National bronze medallist in Taekwondo



Placement Cell

- ❖ Workshop on “Guideline on Preparation for placement” Organised by Placement Cell on 13th July 2018. 91 T.Y.B.Sc CS and IT students attended the workshop.



Library

- ❖ In association with Ramakrishna Math, a book exhibition cum sale on Sri Ramkrishna Vivekananda-Vedanta Literature books were arranged in the Somaiya campus from 16th to 20th February 2019. It received a good response from students and faculty of all Somaiya institutions in the campus.



Value education

❖ One credit Course Sanskar shala in the Academic year 2018-2019



MoU

- ❖ Department of Zoology faculty during MoU signing ceremony at Hemachandracharya North Gujarat University, Gujarat.



DLLE

- ❖ Students in the Undergraduate and Post Graduate class visited Children 's Aid Home, Mankhurd for two weeks and taught basic English, Communication skills, Science and Maths to the underprivileged children between 1st October to 31st December 2018.



- ❖ A silent rally (Walkathon) to create awareness about the use of harmful chemical in farming was organised by Ambagopal Foundation in Association with Tata Memorial Hospital and D.L.L. EUniversity of Mumbai on 23rd December 2018. 36 students from our college participated in this rally.



❖ Career Project Poster Display



- ❖ Udaan-an intercollegiate festival: about 20 colleges participate in the Skit and Poster Competition on 21st January 2019. Poster competition winners Rutuja Thite and Snehal Shinde receiving the prize intercollegiate Fest of DLLE - Udaan. Also college received 3rd Prize in skit Competition Skit and Anchor



- ❖ **1st Term Training Program for Students and Extension Teachers** organized by K.J. Somaiya College of Science and Commerce and Department of Lifelong Learning and Extension (D.L.L.E), University of Mumbai Date : Wednesday,8th August,2018



Good Practices

- ❖ **Department of Physics** is continuously involved in collecting E-Waste generated during laboratory sessions or otherwise. This regular practice, which they started in academic year 2018-19. At the end of academic year they handed over the collected material to Ngo ECO-ROX for safe disposal.



FACULTY DEVELOPMENT PROGRAMMES

Orientation Course: 14

1. Dr. Jyoti Sharma
2. Dr. Veena Rao
3. Dr. Trupti Tawde
4. Dr. Aniket Pawnoji
5. Dr. Rohit Singh
6. Ms. Namrata Nagwekar
7. Mrs. Smita Paranjape
8. Mr. Atul Thatte (CA)
9. Dr. Nanabhau Karanjule
10. Dr. Dilip kumar Yadav(Selected)
11. Mr. Ketankumar Gayakvad (Selected)
12. Ms. Shilpa Sawant(Selected)
13. Dr. Saurabh Shete (Selected)
14. Dr. Archana Padgaonkar(Selected)

Refresher Course: 05

1. Mr. Shabib Khan
2. Dr. Pallavi Raote
3. Mrs. Ranjana Shukl
4. Dr. Meena Patankar
5. Mr. Amit More (Ongoing)

Short Term Courses: 03

1. Dr. Soniya Shetty
2. Ms Aarti Kore

Induction Programmes at IISER Pune : 05

1. Mr. Shabib Khan
2. Dr. Jacinta George
3. Mr. Jayesh Bhagat
4. Mr. Siddheshwar Bombale
5. Mr. Ketan Thatte

Training in pedagogies (RBPT) at IISER Pune:

1. Dr. Pradnya Prabhu (Level 1 and 2)
2. Mr. Subhash Krishnan (Level 1)
3. Mrs. Sudha Agarwal (Level 1)
4. Mr. Sagar Shah(Level 1)
5. Mrs. Smita Survase (Level 1 and 2)
6. Dr. Meena Sharma(Level 1)

7. Mr. Shaker (Level 1)
8. Dr. Jacinta George (Level 2)
9. Dr. Geeta Nair (Level 2)
10. Mrs Reema Khanna (Level 2)
11. Dr. Lolly Jain (Level 3) (Was invited as resource person for 2 local workshops)
12. Dr. Jitendra Pendharkar (Level 3) (Was invited as resource person for 2 and observer for 1 regional workshops conducted by IISER, Resource person for 2 local workshops)

Training in OER at SNTD: Dr. Jitendra Pendharkar

Faculty Development Program organized by RUSA

Department of Information Technology			
Title	Duration	Faculty Attended	Takeaway
GIS, Geo-Spatial Technologies & ICT	27/11/2018 to 02/12/2018	Ms. Anushree Sukhi	<ul style="list-style-type: none"> • Desktop GIS • Mobile GIS, Web GIS • Opensource GIS softwares • QGIS
Artificial Intelligence & Machine Learning	24/12/2018 to 29/12/2018	Mr. Palash Ingle Ms. Mitali Shewale	<ul style="list-style-type: none"> • Artificial Intelligence • Machine Learning • Big Data & Text Analysis • Neural Networks • Deep Learning(NVIDIA)
Pharmaceutical Marketing Management	06/01/2019 to 15/01/2019	Dr. Saurabh Shete Dr. Trupti Tawade Dr. Yogesh Ghalsasi	<ul style="list-style-type: none"> • Pharmaceutical marketing strategies
Spatial and graph databases	15/01/2019 to 20/01/2019	Mr. Deepak Sahu Ms. Anushree Sukhi	<ul style="list-style-type: none"> • Spatial Databases • PostgreSQL with PostGIS • Oracle Spatial Database • Graph Database • Spatial Data Infrastructure

Minor Research Projects 2018-19
funded by University of Mumbai

Sr.No.	Name of the Staff	Department	Amount Sanctioned	Topic
1	Dr. Yogesh V.Ghalsasi	Chemistry	30000	Development and Validation of novel High performance Liquid Chromatographic method for Anti Asthmatic drug formulations
2	Dr. Siddiki Afsar Ali Karam Husen	Chemistry	35000	Design, synthesis and antitubercular evaluation of New Chemical Entities (NCEs) using molecular hybridization technique based on diphenyl ether moiety.
3	Dr. Trupti Tawde	Chemistry	50000	Development of New Heterocycle based Chiral Phosphoric Acids and their applications
4	Dr. Rohit Singh Chauhan	Chemistry	45000	Te-C or Te-E (E = Se, Te) bond activation with platinum (0)
5	Dr. Saurabh Anil Shete	Chemistry	40000	Synthesis and Self-Assembly of Novel N-(Benzoyl Aminocarbonyl) dipeptide esters
6	Dr. Nananbhau Baban Karanjule	Chemistry	30000	One pot, three component, regio-and diastereoselective synthesis of trans-2, 3- dihydrofuro[3,2-c]pyrans
7	Dr. Aniket Anil Pawanoji	Chemistry	40000	Synthesis , characterization and catalytic applications of metal sulphide, metal oxide chalcogenide nanoparticles
8	Ms. Shilpa Abaji Sawant	Commerce	15000	Analysis of Consumers buying behaviour with reference to Online Retailing and Brick and Mortar stores.
9	Dr. Soniya Shetty	Microbiology	25000	Optimization and Pilot scale trials of microbial enzyme production for degumming of raw silk.
10	Dr. Ketan Thatte	Botany	30000	Studies in Riccinus communis with reference to phytochemical analysis and screening of bioactivities

Ph.D. Degree awarded

- 1] Dr. Saurabh Shete on 5th December 2018 from University of Mumbai
- 2] Dr. Bharati Makhijani on
- 3] Dr. Soniya Shetty 11th January 2019 from Central Institute for Research on Cotton Technology, University of Mumbai.

Somaiya Award

Smt. Sakarben K Somaiya Award for Promising teacher received by Mr. Jaidip Wable, Assistant Professor, Department of chemistry

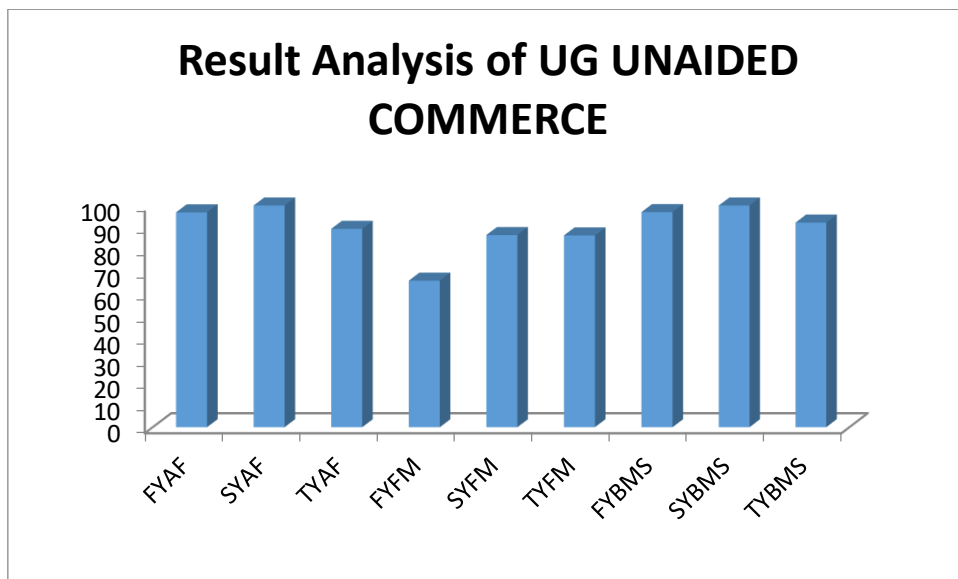
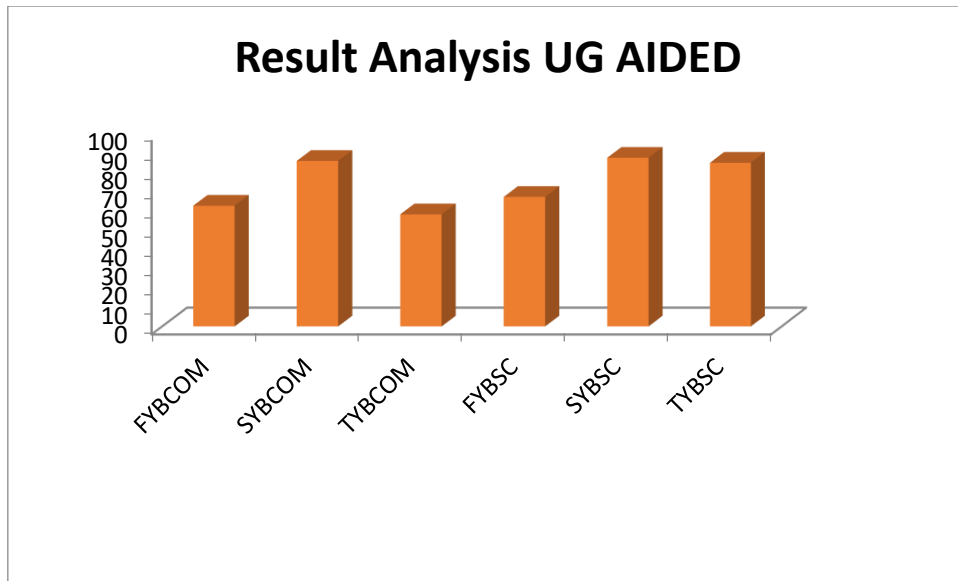


Refresher Course

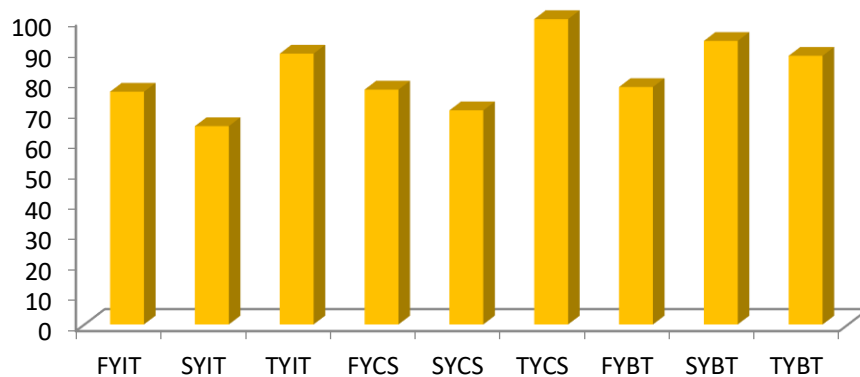
UGC HRDC, University of Mumbai organised Interdisciplinary Refresher course on “Biodiversity Conservation and Sustainable Development” at K J Somaiya College of Science and Commerce from 1st June to 21st June 2018. Thirty five participants from universities and colleges form eleven districts in Maharashtra and one from Gujarat, India belonging to ten different discipline attended the course and thus it went very well with the theme of the course.



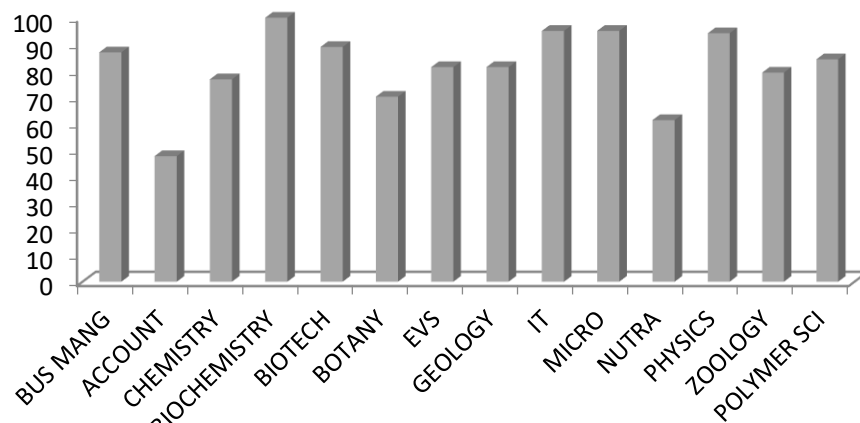
Result Analysis



Result Analysis of UG UNAIDED SCIENCE



Result Analysis of PG PART 1



Career Fair

Career Fair was organized in the college on 15th & 16th February 2019. The objective of the fair was to make students fraternity aware about different career options available after UG & PG. Experts from various fields like **Young Buzz, Bombay Stock Exchange, IBP,SSB Institute** were invited for this event. Science & Commerce students (Aided ,Unaided) UG,PG participated in big numbers.



Degree Distribution Ceremony – 2018-19

The 5th Degree distribution ceremony was organized on 9th March 2019 at 3.00 pm in Sakarben Karamshi Somaiya Sabagruh. The chief guests of the ceremony were Hon'ble Dr. Indu Shahani. She is founding Dean of Indian Institute of management and intreprenurship, President of Indian school of design and innovation. Bachelor, Masters and Ph.D degrees of Science and Commerce were distributed during the ceremony. Students were present in great number to receive their degree certificates. Parents and teachers were also present for this ceremony.

