



Minutes of Meeting

IQAC First Meeting for 2020-2021

Date: 28/08/2020

Mode: Online-Zoom Meeting

Agenda:

- 1) Welcome address by Dr. Pradnya Prabhu, Chairperson, IQAC
- 2) Presentation by Dr. Lolly Jain, Coordinator, IQAC
Tackling Unprecedented Situation (Lockdown)
Plan of Action (2020-2021)
- 3) Discussion
- 4) Preparation of External Peer team report for 2019-2020
- 5) Vote of Thanks by Mrs. Chitra Trehan, Member, IQAC

Following Members were present:

The list of IQAC members is as follows:

Sr. No.	Name	Designation	Constituencies of members	Attendance in the meeting
1	Dr. Pradnya Prabhu	Principal, KJSSC	Chairperson	Present
2	Dr. Lolly Jain	Vice-Principal and Associate professor in Microbiology	Coordinator	Present
3	Dr. Sangeeta Shrivastava	GM Corporate R & D Godavari Biorefineries Ltd. Mumbai	Management representative	Present
4	Dr. Vaijayanti Ranade	Retired Vice-Principal and Head, Department of Microbiology, G. N. Khalsa College	Academicians	Present
5	Dr. Sybil Thomas	Associate Professor, Department of Education, University of Mumbai		Present
6	Dr. Parth Bapat	Director, Somaiya Centre for Experiential Learning		Present
7	Dr. Ranjan Mogre	Director, AVTOS Life Sciences Pvt. Ltd., Mumbai.	Employer representative	-
8	Dr. C.P. Girishankar	Director, G.S. Ventures	Local Society Representative	Present

9	Dr. Dina Saroj	Dina B. Saroj, Ph.D. Project Leader, Advanced Enzyme Technologies Ltd	Alumni	Present
10	Mr. Prashant Deshpande	Regional Sales Manager, Bio- Rad Laboratories India Pvt. Ltd.	Parent member	-
11	Ms. Krusha Shah	Student, T.Y.B.Sc Microbiology	Student Representative	Present
12	Ms. Tanu	Student, T.Y.B.Com	Student Representative	Present
13	Mrs. Chitra Trehan	Associate Professor and Head, Department of Economics	Teachers representing all levels	Present
14	Mrs. Arati Kore	Assistant Professor in Statistics		Present
15	Mr. Shabib Khan	Assistant Professor in Microbiology		Present
16	Mr. Jayesh Bhagat	Assistant Professor in Biotechnology		Present
17	Dr. Trupti Tawde	Assistant Professor in Chemistry		Present
18	Dr. Jyoti Sharma	Assistant Professor in Geology		Present
19	Ms. Shreya Patil	Assistant Professor in Zoology		Present
20.	Dr. Ketan Thatte	Assistant Professor in Botany		Present
21	Mrs. Neelima Deshpande	Registrar, KJSSC	Administrative officers	-
22	Mrs. Sameera Samant	Assistant Librarian, KJSSC		-
23	Ms. Divya Pillai	Junior Clerk, KJSSC		Present

Agenda 1: Welcome address by Dr. Pradnya Prabhu (Principal and Chairperson, IQAC)

Meeting began with a formal welcome address by the Principal

She thanked the external and internal members who were present.

Agenda 2: Presentation by Dr. Lolly Jain (Vice-Principal and Co-ordinator, IQAC)

Tackling Unprecedented Situation (ongoing Lockdown period) and the proposed Plan of Action for the academic year 2020-2021 were presented.

Agenda 3: Discussion

K. J. Somaiya College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)

All the external members appreciated the activities proposed by the IQAC for 2020-2021.

The following points were suggested and discussed by the external Members:

- There is a possibility to unanimously design another plan as per the ongoing pandemic situation and keep ready.
- External member suggested to check if there is a possibility to conduct an online week long Course -work for Ph.D. Research scholars from both Science and Commerce streams after seeking the approval from University.
- With respect to the ongoing lockdown situation, the external members enquired if the College has planned for some online fest, curricular, co-curricular activities. They were informed that many online activities have been conducted by NSS, and other committees and many more have been proposed for the future.
- Suggestion was made to check if the content created by the faculties could be revised as per the Creative Commons licensing and guidelines for OER creation and whether it could be uploaded on the College website.
- Suggestion was made to check the Tata Institute of Social Sciences website and COOL initiative for related activity.
- Students could be encouraged for online activities for engagement with the community.
- Appropriate credits, competency badges could be awarded to the students as per the guidelines on the completion of the task.

Agenda 4: Preparation of External Peer team report for 2019-2020

The external members were informed about the peer team report for 2019-2020 and they unanimously decided to conduct meeting/discussion among themselves in the coming days and compile the report as per the guidelines.

Agenda 5: Vote of Thanks

Mrs. Chitra Trehan proposed a formal vote of thanks.



IQAC Co-ordinator



Principal





Minutes of Meeting

IQAC Second Meeting for 2020-2021

Date: 07-04-2021

Time: 10 am

Mode: Online-Zoom Meeting

Agenda:

1. Welcome address by Dr. Pradnya Prabhu, Chairperson, IQAC
2. Approval of the minutes of the first meeting held on 28/08/2020
3. Presentation by Dr. Lolly Jain, Coordinator, IQAC-Action Taken Report (2020-2021)
4. Discussion
5. Preparation of External Peer team report
6. Vote of Thanks by Mrs. Chitra Trehan, Member, IQAC

The list of IQAC members is as follows:

Sr. No.	Name	Designation	Constituencies of members	Attendance in the meeting
1	Dr. Pradnya Prabhu	Principal, KJSSC	Chairperson	Present
2	Dr. Lolly Jain	Vice-Principal and Associate Professor in Microbiology	Coordinator	Present
3	Dr. Sangeeta Shrivastava	GM Corporate R & D Godavari Biorefineries Ltd.Mumbai	Management representative	Present
4	Dr. Vaijayanti Ranade	Retired Vice-Principal and Head, Department of Microbiology, G.N.Khalsa College	Academicians	Present
5	Dr. Sybil Thomas	Associate Professor, Department of Education, University of Mumbai		Present
6	Dr. Parth Bapat	Director, Somaiya Centre for Experiential Learning		Present
7	Dr. Ranjan Mogre	Director, Analytical	Employer	Present

		Solutions, Mumbai	representative	
8	Dr. C.P. Gmishankar	Director, G.S. Ventures (Mumbai)	Local Society Representative	Present
9	Dr. Dina Saroj	Project Leader, Advanced Enzyme Technologies Ltd	Alumni	Present
10	Mr. Prashant Deshpande	Regional Sales Manager, Bio-Rad Laboratories India Pvt. Ltd.	Parent member	Present
11	Ms. Tanu Karmorkar	Student, T.Y.B.Com.	Student Representative	Present
12	Ms. Krusha Shah	Student T. Y. B.Sc. Microbiology	Student Representative	-----
13	Mrs. Chitra Trehan	Associate Professor and Head, Department of Economics	Teachers representing all levels	Present
14	Mrs. Arati Kore	Assistant Professor in Statistics		Present
15	Mr. Shabib Khan	Assistant Professor in Microbiology		Present
16	Mr. Jayesh Bhagat	Assistant Professor in Biotechnology		Present
17	Dr. Trupti Tawde	Assistant Professor in Chemistry		Present
18	Dr. Jyoti Sharma	Assistant Professor in Geology		Present
19	Ms. Shreya Patil	Assistant Professor in Zoology		Present
20	Dr. Ketan Thatte	Assistant Professor in Botany		Present
21	Mrs. Neelima Deshpande	Registrar, KJSSC		Administrative officers
22	Mrs. Sameera Samant	Assistant Librarian, KJSSC	Present	
23	Ms. Divya Pillai	Senior Clerk, KJSSC	Present	

Agenda 1: Welcome address by Dr. Pradnya Prabhu (Principal and Chairperson, IQAC)

Meeting began with a formal welcome address by the Principal, Dr. Pradnya Prabhu.

Agenda 2: Approval of the minutes of the first meeting held on 28-08-2020

House unanimously approved the minutes of the first meeting held on 28-08-2020.



Agenda 3: Presentation by Dr. Lolly Jain, Coordinator, IQAC-Action Taken Report (2020-2021)

Dr. Lolly Jain presented the activities organized during the unprecedented lockdown. She presented the Action Taken Report (ATR) consisting of different activities conducted under the seven criteria of NAAC.

Agenda 4: Discussion

All the external members unanimously appreciated the efforts and the activities conducted by the IQAC and the College.

The following points were suggested and discussed by the external Members:

- Activities and achievements from the Science faculty are evident. However, there is a need for Commerce stream to undertake curricular, co-curricular and research-based activities. Some specific faculty and student development programs could be planned for Commerce faculty. Faculty from Commerce could be invited for the IQAC meeting and asked to present their SWOC analysis. Some responsibilities could be allotted to the Commerce faculties which would encourage them to undertake more activities.
- There could be internships granted to the students within the College on earn and learn basis. Some internship programs could be undertaken with our rural campuses like Nareshwadi and at Somaiya Centre for Experiential Learning (SCEL). There can be a formal MoU signed between the College and SCEL.
- More focus on in house-research and collaboration through web can be achieved. Advantage of lockdown period could be taken in writing and applying for the grants. Students can compile review articles based on the literature-survey.
- A Course on Finance management for a non-finance student by a non-finance person could be organized.
- Mentor-mentee scheme from UGC could be adopted for the teachers. The objective of this scheme is to establish a National Mission for Mentoring with a large pool of outstanding senior/retired faculty who would be able to provide short and long-term mentoring/professional support to college teachers. Senior teachers (also the retired teachers) could mentor/guide the newly appointed teaching faculty.
- IQAC could now focus on capturing the outcomes, the impact on the life of a learner and what concrete steps to be adopted for the future. There is a need to identify the transformation in the students in the current lockdown scenario along with the suggestions from the parents. There could be a collation of the experiences of online-teaching and learning.



SOMAIYA
VIDYAVIHAR

K J Somaiya College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)



- The Head of the administrative office, Registrar should also be invited to make a presentation in the IQAC meeting about the office initiatives.

Mrs. Arati Kore presented the student progression analysis which was appreciated by the members. The following suggestions were made to improve the same:

- It could be checked whether students owe the increase in the percentage of scores over their 6 semesters, as reflected in the analysis, to the College.
- Percentages in the statistical analysis could be converted to percent mean and some parametric or non-parametric tests could be applied to check whether the increase is significant or not.
- There is also a need to know the number of students who are self-employed along with those who change and pursue alternative career.

Dr. Lolly Jain agreed to take cognizance of all the suggestions and implement them to the best of the possibilities-

- Presentation of SWOC of Commerce department
- Presentation of SWOC of Administrative audit office
- Outcome focused presentation
- Exit feedback of final year students

Agenda 5: Preparation of External Peer team report

- The external members were informed about the peer team report preparation as suggested in UGC guidelines.

Agenda 6: Vote of Thanks by Mrs. Chitra Trehan, Member, IQAC

Mrs. Chitra Trehan proposed the formal vote of thanks

Lolly Jain

IQAC Co-ordinator

Chitra Trehan

Principal





Minutes of Meeting

IQAC Third Meeting for 2020-2021

Date: 31-05-2021

Time: 09:30 am

Mode: Online-Zoom Meeting

Agenda:

1. Welcome address by Dr. Pradnya Prabhu, Chairperson, IQAC
2. Approval of the minutes of the second meeting held on 07/04/2021
3. Approval of the Action Taken Report (2020-2021)
4. Presentation by Dr. Lolly Jain, Coordinator, IQAC
5. Presentation on SWOC of Administrative office Registrar, Mrs. Neelima Deshpande
6. Presentation on SWOC of Commerce Departments
7. Vote of Thanks by Mrs. Chitra Trehan, Member, IQAC

The list of IQAC members is as follows:

Sr. No.	Name	Designation	Constituencies of members	Attendance in the meeting
1	Dr. Pradnya Prabhu	Principal, KJSSC	Chairperson	Present
2	Dr. Lolly Jain	Vice-Principal and Associate Professor in Microbiology	Coordinator	Present
3	Dr. Sangeeta Shrivastava	GM Corporate R & D Godavari Biorefineries Ltd. Mumbai	Management representative	Present
4	Dr. Vaijayanti Ranade	Retired Vice-Principal and Head, Department of Microbiology, G.N. Khalsa College	Academicians	Present
5	Dr. Sybil Thomas	Associate Professor, Department of Education, University of Mumbai		Present
6	Dr. Parth Bapat	Director, Somaiya Centre for Experiential Learning		Present
7	Dr. Ranjan Mogre	Director, Analytical	Employer	Present

		Solutions, Mumbai	representative	
8	Dr. C.P. Girishankar	Director, G.S. Ventures	Local Society Representative	Present
9	Dr. Dina Saroj	Project Leader, Advanced Enzyme Technologies Ltd	Alumni	Present
10	Mr. Prashant Deshpande	Regional Sales Manager, Bio-Rad Laboratories India Pvt. Ltd.	Parent member	Present
11	Ms. Tanu Karmorkar	Student, T.Y.B.Com.	Student Representative	Present
12	Ms. Krusha Shah	Student T. Y. B.Sc. Microbiology	Student Representative	Present
13	Mrs. Chitra Trehan	Associate Professor and Head, Department of Economics	Teachers representing all levels	Present
14	Mrs. Arati Kore	Assistant Professor in Statistics		Present
15	Mr. Shabib Khan	Assistant Professor in Microbiology		Present
16	Mr. Jayesh Bhagat	Assistant Professor in Biotechnology		Present
17	Dr. Trupti Tawde	Assistant Professor in Chemistry		Present
18	Dr. Jyoti Sharma	Assistant Professor in Geology		Present
19	Ms. Shreya Patil	Assistant Professor in Zoology		Present
20	Dr. Ketan Thatte	Assistant Professor in Botany		-----
21	Mrs. Neelima Deshpande	Registrar, KJSSC	Administrative officers	Present
22	Mrs. Sameera Samant	Assistant Librarian, KJSSC		Present
23	Ms. Divya Pillai	Senior Clerk, KJSSC		Present

Agenda 1: Welcome address by Dr. Pradnya Prabhu (Principal and Chairperson, IQAC)

Meeting began with a formal welcome address by the Principal, Dr. Pradnya Prabhu.

Agenda 2: Approval of the minutes of the second meeting held on 07/04/2021

House unanimously approved the minutes of the first meeting held on 07/04/2021.



Agenda 3: Approval of the Action Taken Report (2020-2021)

House unanimously approved the Action Taken Report (ATR) for the academic year 2020-2021

Agenda 4: Presentation by Dr. Lolly Jain, Coordinator, IQAC

Dr. Lolly Jain presented the activities conducted during the year 2020-2021.

The presentation consisted of the action taken, its outcome and mapping to the NAAC criteria and the vision of the College.

House unanimously appreciated the efforts and the activities conducted by the IQAC and the College.

The following points were suggested and discussed by the external Members:

1. Mapping of the courses and the outcomes would enable the monitoring of the progress as per the recommendations of UGC and NAAC. Feedback could be obtained from the employers and Alumni so that their suggestions could be adopted in the design of the curriculum. Component of Experiential learning could be implemented as per the situation and could be appropriately mapped to the different topics in the curriculum. There could be some planning to organize visits as per the pandemic situation. There is a requirement to observe how other Universities/Colleges are conducting practicals and the different modifications incorporated, as per the ongoing lockdown situation. Decisions taken could be incorporated in the academic planning of the upcoming year
2. Mentor-mentee system could be adopted for the teachers, where a senior teacher could guide/train a newly appointed teacher. Gurudakshta scheme as suggested by the UGC would facilitate mentor-mentee activities.
3. There is a need to enhance the scope of the activities conducted by the College at a national or an international level. Different alternatives are required to be considered for the increase in the campus placement. There is a requirement to have a structured data for student progression and the process can be institutionalized.
4. Research component could still be enhanced and there are many avenues for the same.
5. Policies once designed and finalized after the approval from concerned authorities are required to be uploaded on the College website. Policy documents are also required to be in alignment with the expected outcomes. There is a possibility to collaborate with the Management College under Somaiya Vidyavihar and their HR, in order to seek their guidance in framing HR policy.
6. Relevant suggestions from IQAC for the overall quality improvement of the institute could be shared with the CDC.



Agenda 5: Presentation on SWOC of Administrative office Registrar, Mrs. Neelima Deshpande

SWOC analysis of the administrative office section was presented by the Registrar.

Following were the suggestions and the remarks:

1. HR policy is required to be designed and implemented so that there is a set of rules to be followed. Person from HR at the Campus level could be consulted as and when required.
2. Software could be customized in collaboration with the technical department at the Campus level.
3. Deadlines could be set and appropriate steps could be taken for a better follow-up on the completion of a task.
4. IQAC could guide by conducting appropriate workshops/ webinars for better working of the College administrative office.

Agenda 6: Presentation on SWOC of Commerce Departments

Dr. Hemangi Bhagwat, Associate Professor from Department of Business Communication, presented SWOC analysis on behalf of all the departments from Commerce stream. Faculty members from the Commerce stream were also present.

Following were the suggestions and the remarks:

1. On the basis of the observation of the earlier meetings and presentations by IQAC, it was observed that there was comparatively less achievements from Commerce stream.
2. There is a need to reconsider the Research requirements for Commerce stream. Faculty members are required to collaborate and plan some academic and Research- based activities. IQAC and other Science departments could assist Commerce faculties and departments to develop and progress in the field of research.
3. With respect to language-based skills, students could be taught and be assessed by another evaluative body like IELTS. This would facilitate to evaluate the preparedness of the students for employability.



SOMAIYA
VIDYAVIHAR

K J Somaiya College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)



Agenda 7: Vote of Thanks by Mrs. Chitra Trehan, Member, IQAC

Mrs. Chitra Trehan proposed a formal vote of thanks.

IQAC Co-ordinator

Principal



**Action Taken Report 2020-2021**

Details	Proposed dates/ No	Action Taken
Criteria I - Curricular aspects		
Life Skill Certificate Course (one credit)	January- April 2021	Certificate course by Mulyapravah committee
Design of an easy to access LOCF booklet	December, 2020	1] Design of a Handbook on Learning Outcome-based Curriculum Framework (Dr. Shanti Upadhyay and Mr. Shabib Khan) 2] Workshop on OBE was organised by IQAC for all faculty members on 9 th and 10 th March, 2021. No of beneficiaries – 80 (Resource person: Dr. Vijayakumar, COE, Sri Ramakrishna College, Coimbatore)
Orientation of faculty to National Education Policy	September, 2020	A webinar on National Education Policy 2020: Transformation of higher education was organised by IQAC on 31 st October, 2020. No. of Beneficiaries - 245 teachers (Resource person: Dr. Vasudha Kamat, Member of the NEP Drafting Committee)
Policy on Curriculum development to be formulated	April 2021	1] Review of the learning objectives and outcomes of First-year syllabus of all subjects and first year syllabus revised (IQAC members) 2] Guest lecture on Role of Industry in Development of academics – 12 th May, 2020 Principal Dr. Pradnya Prabhu and Vice-Principal Dr. Lolly Jain completed the training in Policy drafting in addition to members of IQAC- Ms. Shreya Patil and Dr. Jyoti Sharma.

		Policy Drafting has been initiated.
Webinar on student satisfaction	13 th February, 2021	A webinar on Student Satisfaction index
Criteria II - Teaching, Learning and Evaluation		
Faculty development (Tailor made training based on feedback analysis of 2019-2020) inclusive of use of ICT tools in teaching, learning and evaluation	June 2020 - January 2021	<p>1] 5 Workshops were conducted by Data centre, SVV, and two workshops by Mr. Deepak Sahu and Mrs. Madhuri Padaya on the use of LMS and online platforms.</p> <p>2] Every faculty have attended at least 3 training programs organized by different institutes during lockdown period enabling the smooth conduct of lectures and practicals since June, 2020.</p> <p>3] Webinar on Challenges and Way out for higher educational activities during and post Covid-19 pandemic was organised by Department of Chemistry and IQAC in collaboration with Indian Chemical society, Mumbai branch on 21st September, 2020.</p> <p>No of beneficiaries - 102</p>
Enhancement of Digitization of Library (remote access) and implementation	January 2021	Effective utilization of J-GATE PLUS for researchers – 20 th June, 2020
Faculty Conclave	April 2021	Could not be conducted
Examination and evaluation reforms policy	April 2021	<p>1] Webinar on Effective Evaluation through Multiple Choice Questions & Inversion of Bloom's Taxonomy Triangle using Flip Education Model & Making Question Papers relevant through Context based Questioning was conducted on 7th and 8th July, 2020.</p> <p>No of beneficiaries - 195</p>

		Policy Drafting has been initiated.
Criteria III - Research, Innovations and Extension		
Enhancement of MoU's (two in number) and focus on the functionality of the MoU's already signed	January- April 2021	MoU with placement firm Tracket was finalised
Collaboration and linkages (2 in no.)	January- April 2021	Could not complete due to lockdown
Collaboration with RiIDL for innovation	January- April 2021	Could not complete due to lockdown
Research policy framing (Incentives for faculties, etc.)	April 2021	Policy Rough Draft was completed
Webinars, online workshops, guest lectures	June 2020 - April 2021	<p>1] Webinar on How to Read Scientific literature and Introduction to MANAV - the Human Atlas initiative by IQAC and Team MANAV- 3rd July, 2020</p> <p>2] Workshop on Use of Mendeley as a research tool in association with Elsevier</p> <p>3] A lecture on COVID-19 Insights into research – 9th May, 2020</p> <p>4] Webinar on Drug discovery and medicinal plants – 16th May, 2020</p> <p>5] Guest Lecture on Sample Survey without Field work – 16th January, 2021</p> <p>6] Online guest lecture on Pharmaceutical, cosmeceutical and nutraceutical significance of algae – 5th May, 2020</p>



		<p>7] Online workshop on Intellectual Property Rights- 4th September, 2020</p> <p>8] An inspirational and informative session was organised for the students of Cancer Biology Certificate course – 8th May, 2020</p> <p>9] An insight on first Made in India COVID 19 test kits – 23rd May, 2020</p> <p>10] Webinar on Food safety and risk assessment during COVID 19 – 15th May, 2020</p>
Extension activities (Blood donation camps)	June 2020- April 2021	<p>Blood Donation Camps conducted by the College NSS unit in lockdown period:</p> <p>Blood Donation Camps were organized in Bhandup (W), Vidyavihar, Badlapur, Ambernath, Thane, Karjat, Dombivli, Kalwa, Mulund and Sion, by the NSS unit in collaboration with several hospitals in the respective areas. 397 units of blood was collected due to efforts of NSS volunteers.</p>
Extension activities (Waste collection)	June 2020- April 2021	<p>E- Waste and other wastes collection:</p> <p>The Waste Collection Drive was conducted by the NSS Unit volunteers. They collected waste such as plastic, paper, metal, glass and E-waste like mobile, earphones, television and other electronic things, which was later submitted at the nearest pickup point from their residential area as per the guidelines by Mumbai University. Around 2.1 tons of waste was collected by the entire NSS Unit.</p>
Extension activities	June 2020- April 2021	<p>1] Joyous journey with Yoga – 20th June 2020</p> <p>2] Cyber Sakhi – 14th July, 2020</p> <p>3] AAKar – 28th August, 2020</p> <p>4] Blood disorders and need for lifesavers – 10th November, 2020</p> <p>5] Organ donation – 25th November, 2020</p>

Autonomous (Affiliated to University of Mumbai)

		<p>6] Documentary screening – 26th November, 2020</p> <p>7] Treat Cancer, Beat Cancer – 4th February, 2021</p> <p>8] AIDS awareness – 1st December, 2020</p> <p>9] Covid-19 Awareness campaign</p>
<p>NCC Kayaking Competition</p>		<p>41 Girls NCC cadets have participated in district level Kayaking competition at Dahagaon, Kalyan under the supervision and guidance of Lt. Dr. Rohini Kasabe. In competition three cadets won gold medal: Under 17 Cdt Vaishnavi Kailash Sawant, Under 19 Cdt Samishtha Santosh Jadhav & Under 20 Cdt Khushboo Rajesh Yadav. All three gold medallist cadets qualified for State Kayaking Competition.</p>
<p>Research Publications: Research contribution by students</p>	<p>June 2020 - April 2021</p>	<p>Research Paper of 29 students from Computer Science under the guidance of Mr. Shaikh Mohammad Bilal got nominated for an International Conference ICAIML 2020 hosted by TGPCET, Nagpur in collaboration with Segi University, Malaysia.</p> <p>Students presented the same at the Conference. 4 Papers were selected for Best Paper award. Papers are in progress to be published in Web of Science, ESCi and UGC Approved Journals.</p> <p>Preksha Mehta Presented paper in International E-Conference on Research and Development in Science, Technology and Management in the Current Era organized by Indian Academicians and Researchers Association</p> <p>Research Paper of Khushal Senghani got nominated for an International Conference ICAIML 2020 hosted by TGPCET, Nagpur in collaboration with Segi University, Malaysia. He presented the same at the Conference and was awarded as the Best Paper. Paper shall be published in Web of Science Indexed Journal.</p>



Autonomous (Affiliated to University of Mumbai)

		<p>Diandra D'sa published a paper - A study on the Awareness of Lactose Intolerance among common people in India, Indian Journal of Nutrition, Volume 7, Issue 2 - 2020</p> <p>Sawant M, Sarang S, Modak N (2020) Finding the forgotten gems: revisiting the butterflies of Matheran after 125 years with introduction to novel colour barcode for depicting seasons and activity of the Indian butterflies. Biodiversity Data Journal 8: e54333</p>
		<p>Damle, Omkar & Nair, Abhinav & Mehendale, Tejas & Khule, Gaurav & Kasambe, Raju & Chandorkar, Nilesh & Sarang, Sagar. (2020). Distributional Range Extension of Banana Skipper Erionota Torus (Lepidoptera: Hesperiiidae) to Thane and Palghar Districts of Maharashtra, India with Discussion about Its Harmful Effects on Local Banana Plantations. BIONOTES. 22. 158-162.</p> <p>Harshad Parekar Co-Author of book chapter - Click Beetles (Coleoptera: Elateridae) of India: An Overview, Amol P. Patwardhan, Harshad V. Parekar, and R.P. Athalye; Phenomenon in Environmental and Nano Science, 2021, ISBN: 978-93-89996-32-6, Jaya Publishing House</p> <p>About 25 students from biological Science departments participated at the Darwin festival 2020 and also their papers were selected for Publication in <i>African Journal of Biological Sciences</i> (in Press)</p>
Research Publications: Research contribution by Faculty	June 2020 - April 2021	<p>Patent: Mr. Vishal Shetty M.Sc. 2016-2018 batch -Dr. Seema Sambrani from Dept. of Microbiology. Patent (IN202021016638) was granted on December 28th, 2020.</p> <p>Patent Title: A method for detection of DNA Transformation using Carbon dots (C-dots)</p> <p>SCOPUS Listed Publications: 06 in No.</p> <p>1. Optimization of prodigiosin biosynthesis by <i>Serratia marcescens</i> using unconventional</p>

		<p>bioresources, Bhagwat, A., Padalia, U, Journal of Genetic Engineering and Biotechnology</p> <p>2. Prevalence of Candida Co-infection in Pulmonary Tuberculosis, Dr. Vidya Shetty, Dr. Unnati Padalia, Dr. Sapna Malik Dr Jyothirlatha, Bangera, European Journal of Pharmaceutical and Medical Research, Vol 8, Issue 2, 2021. 470-474.</p> <p>3. A serendipitous isolation of cocrystallized platinum–tin complexes: synthesis, structure and theoretical exploration. Rohit Singh Chauhan, S. K. Singh, A. Tyagi, James A. Golend and A. L. Rheingold New Journal of Chemistry; DOI: 10.1039/d0nj04639f</p> <p>4. A concise review of baseline facts of sars-cov-2 for interdisciplinary research. Adish Tyagi, Sandeep Nigam, Rohit Singh Chauhan Chemistry Select 5 (2020) 1-28.</p> <p>5. Adsorption of Ni (II) ions from aqueous solution using Rice Husk Powder as low-cost adsorbent. Choudhari Smita V, Shetye Sugandha S. and Patil Satish D. (2020) Research Journal of Chemistry and Environment.</p> <p>6. Effect of 100 MeV Ni ion irradiation on CdZnTe thin films, P. Dhangada, M. Thakurdesai, S. Survase, V. Thakurdesai, L Ajith DeSilva Radiation Effects and Defects in Solids, (Taylor and Francis Online) (2021)</p> <p>UGC-CARE Journals: 12 in No.</p> <p>1. Anirban Roy and Supriya Janbandhu (2020) An ethnobotanical analysis on flora-medicine continuum among the tribal inhabitants of Ratnagiri and Palghar district, Maharashtra, India. Ethnobotany Research and Applications 20 (43): 1-23 19/11/2020</p> <p>2. Shaikh Mohammad Bilal N, Hardik Gada (2020) A MODULAR ANALYSIS OF AI IN BUILDING BUSINESS. JETIR Volume 7 Issue 12 December-2020 eISSN: 2349-5162.</p>
--	--	--

3. Hasija, D. C., Ghase, V. D., Rananaware, M. M., & Patil, V. R. (2020). Ullmann coupling for low-cost synthesis of anthracene-based polyfluorenes: A photophysical approach. *High Performance Polymers*, 095400832094538. doi:10.1177/0954008320945386

4. Ghase, V. D., Hasija, D. C., Rananaware, M. M., & Patil, V. R. (2020). Alkyl and allyl substituted polydibenzofluorene: blue emitters for future display applications. *SN Applied Sciences*, 2(7). doi:10.1007/s42452-020-2940-8

5. Deepika C. Hasija, Jayasree Gopalakrishnan, Alok V. Mishra, Vaijayanti D. Ghase & Vishwanath R. Patil (2020). Exploring copper as a catalyst for cost effective synthesis of polyfluorenes: an alternative to platinum and palladium. *SN Applied Sciences*, 569 (2020).

6. Khanolkar, S, Schiebel, R., Singh, A., Saraswati, P.K., Jochum, K.P., Weis, U., Stoll, B., Haug, G.H. (2021) Intra test variations in trace element composition of *Amphistegina lessonii* using femtosecond-laser ablation-ICP-mass spectrometry: A field study from Okinawa, Japan, *Geochemistry, Geophysics, Geosystems*, Impact factor 3.27

7. Salvi, D., Mathew, G., Pande, K., Kohn, B.P. (2021) Phased cooling of the Siang antiform, Eastern Himalaya: insight from multi-thermochronology and thermal studies, *Journal of Earth System Science*, impact factor 1.42

8. J. Pendharkar, M. Waghmare, Pushpinder G. Bhatia, B. Khade, P. Dongre, (2021) Photo-excitation Nature of Aromatic Amino Acids Under Electric Field: A Fluorescence Spectroscopy, *Romanian Journal of Biophysics*, Vol31 No3/2021, Print: ISSN: 1220-515X Electronic: ISSN: 1843-424X

9. Geeta Nair, Smita survase, Laxman Survase, (2020) "Is Covid Lockdown an Opportunity Or Threat?" *Shodh Sanchar Bulletin*, Vol 10(39), July- Sept 2020, 111-15

		<p>10. Smita survase, Geeta Nair, Laxman Survase (2020) "Effect Of Covid-19 On The Sustainability of Self Help Groups (SHGS)" , ,Shodh Sanchar Bulletin, Vol10(39), July- Sept 2020, 116-120 3.</p> <p>11. Praveen Dhangada, Madhavi Thakurdesai, Smita Survase, Vrunda Thakurdesai, L Ajith DeSilva (2021) "Education in the New Normal post Covid19- The Indian Experience ", HEF's Indian Journal of Higher Education , Vol 11(2), July- December 2020, 38-45</p> <p>12. Tanuja Patil, Lolly Jain, (2020) Natural Preservatives from Fruit Peels, Acta Scientific Microbiology ,Volume 3 Issue 6 June 2020 ISSN: 2581-3226 impact factor 1.172</p>
Books authored by the Faculty	June 2020 - April 2021	<p>Books: 01 Authored, 01 Co-Authored, 02 Book Chapters</p> <p>1. Ms. Madhuri Padaya (2020), Co-author, Living Campus, ISBN Number 978-93-5426-015-5</p> <p>2. Dr. Amol Patwardhan (2021), Book Chapter - Click Beetles of India in Phenomenon in Environmental and Nano Science, Jaya Publication New Delhi ISBN: 978-93-89996-32-6</p> <p>3. Dr. Amol Patwardhan (2021), Book Chapter - Diversity of Coleoptera of Sanjay Gandhi National Park, Mumbai in Phenomenon in Environmental and Nano Science, New Delhi ISBN: 978-93-89996-32-6</p> <p>4. CA Atul Thatte (2020), Human Resource Accounting Overview, Redefining business in digital era, issues and challenges, ISSN 2394-7780.</p>



Autonomous (Affiliated to University of Mumbai) Conference Proceedings	June 2020 - April 2021	Total 23 papers have been published by M.Bilal and students of Computer Science in Conference proceedings. Referee: 06 Papers 1. Dr. Jacinta George (2020), International Journal of Radiation Biology, Taylor & Francis 2. Dr. Jacinta George (2020), International Journal of Plant and Environment, International Society of Environmental Botanists 3. Dr Ketan Thatte (2021), Plant Science Today, Horizon E Publishing Group 4. Dr. Rohit Singh Chauhan, Inorganica chimica acta (2 Articles) 5. Dr. Rohit Singh Chauhan, Inorganic chemistry communication
Student Projects guided for Presentation	June 2020 - April 2021	4 Faculty guided 30 individual students and 13 groups 30+ Videos related to Zoology created and uploaded by Dr. Amol Patwardhan on YouTube Shaikh Mohammad Bilal: One of the Research work named 'Somaiya Votes: An Application' was nominated and included in the Digital Library of Electoral Justice, Brazil.
Research awards by the Faculty	June 2020 - April 2021	1. Shaikh Mohammad Bilal N, Shreyal Kulaye, Property price prediction application developed using machine learning algorithm, 27/11/2020, First Best Paper 2. Shaikh Mohammad Bilal N, Uddhav Deorukhkar, Healthcare Chatbot System with an Emergency Virtual Assistance, 27/11/2020, Second Best Paper 3. Shaikh Mohammad Bilal N, Joel Kabangu, High-Security Online Shopping Website Using Web Programming and Network Security

		<p>Technology, 27/11/2020, Third Best Paper</p> <p>4. Shaikh Mohammad Bilal N, Khushal Senghani, Artificial intelligence-based Information Retrieval System using Video Montage Technique, 28/11/2020, First Best Paper</p> <p>5. Dr. Soniya Shetty, Ms. Bhavna Pandya, Bacterial degradation of sericin for degumming of silk fibres- A green approach, 1/3/21 - 2/3/21, Best paper presentation</p>
<p>Awards/Recognitions received/Progression by Faculty</p>	<p>June 2020 - April 2021</p>	<p>Mrs. Reema Khanna Completed her Ph.D in Mathematics</p> <p>Dr. Shital Mehta Passed Company Secretaries Final Professional Exam Held by Institute of Company Secretaries of India.</p> <p>Mr. Shailesh Singh cleared NET with an All India Rank 16.</p> <p>Lt. Dr. Rohini A. Kasbe Participated in Thane District Kayaking and Canoeing competition and Recognised by Indian Olympic Committee & Maharashtra Olympic Association</p> <p>Dr. Sugandha Shetye: Mr. Satish Ambare successfully completed Ph.D. under her guidance</p>
<p>Awards received by students</p>	<p>June 2020 - April 2021</p>	<p>Vanshika Panchal was awarded the prize with cash amount of Rs. 10, 000 for her essay on (Applications of radioisotopes and radiation technology for societal benefits) under 32nd DAE at National level.</p> <p>Dhairya Malde participated in International Earth Science Olympiad. She won Quiz based on Chemistry and general knowledge.</p> <p>Harshank Nimonkar participated in Event: From the Solar System to the Cosmos. Organized by the prestigious Rubin Observatory along with National Earth Science Teacher's Organization (NESTA), USA Level:</p>

		<p>International Award: Selected for participation and awarded by 1 year membership of NESTA (USA)</p> <p>Harita Mehta, Shreyas Baradia, Niveditha Rajesh: First position in TATTVA 2021, an Inter Collegiate case study presentation based in workshop on Professional Ethic (State Level)</p> <p>Khan Asma Obaid selected for Skill Development Drive - National level financial exam only top 72 students were selected for two weeks banking program</p> <p>Sakshi Mhatre (Entrepreneurship) is recognised by Print Media as a potential entrepreneur based on her start-up on 'Herbal Soaps.'</p> <p>Dipali Baban Sarode (NSS) 2nd prize winner in Online Quiz competition organised by Red Ribbon Club & MDACS, District level</p> <p>Anindita Mandal won the 3rd prize in Poster Competition at the 20th National level Microbiolympiad</p>
<p>Awards received by students</p>	<p>June 2020 - April 2021</p>	<p>Sports Awards:</p> <p>Sharvari Parulekar won Bronze medal in U-20 Triple Jump at the National Junior Athletics Championship</p> <p>Ms. Shweta Pawar secured Gold in U-19 1st International Virtual Toyakan Championship</p> <p>Aishwarya Mahesh Sawant participated in district level kayaking competition and won silver medal</p> <p>Cultural Activities Awards:</p> <p>David Issac was awarded level 2 certificate in graded examination in Rock and Pop. He has also been awarded level 2 certificates in graded examination in music performance at International level.</p>



SOMAIYA
VIDYAVIHAR

K J Somaiya College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)



THE H S T

		Harshank Nimonkar Tabla Solo Concert under "Tabla Talk" FB Page for promoting young classical musicians
Criteria IV - Infrastructure and Learning Resources		
Enhancement of facilities to be provided for physically disabled/ student with special needs	April 2021	Could not be undertaken
Utilization and monitoring of ICT enabled classrooms	January- April 2021	NA
IT administrative policy	April 2021	Policy Rough Draft was completed
Criteria V - Student support and progression		
Induction program for F.Y students and Orientation for S.Y., T.Y and PG students	June – September, 2020	1] Three Days Online Induction Programme, “Swagatam” for F. Y B. Sc and F.Y.B. Com. students was organised during 7-9 th September, 2020. Owing to the ongoing pandemic situation, the Induction Programme was held through the zoom platform. Mann ki Baat by Principal and IQAC- interaction of Principal with the students 2] Online PG Induction Programme was conducted on 18 and 19 th December, 2020. 254 M.Sc. I students attended the program.
Focus on student support (Mentor-mentee) (Parents meeting with mentors)	September 2020-April 2021	1] A guest lecture on "How can we effectively do the mentoring?" by Dr Vidyagauri Joshi, Ex Principal Ashoka International Centre for Educational Studies & Research, Nashik. on 15 th September, 2020. This webinar was attended by 40 teachers. 2]“Utilizing time and managing studies effectively in midst of a pandemic”- 20th July,

		<p>2020</p> <p>3] Three Day National Webinar on Introduction to Heartfulness Practices - 20th July, 2020 to 22th July, 2020</p> <p>4] Decoding Brain and Neuro Consciousness- 29th August, 2020</p>
Involvement of students in community outreach programs (Focus on lesser programs but increased participation)	February- April 2021	NSS activities as discussed earlier
Attendance monitoring of students and sharing with mentors	April 2021	<p>1] SY-TY Parents Teachers' Meeting was conducted on 14th October, 2020. 820 Parents and students participated.</p> <p>2] FY Parent-Teachers' Meeting was held on 7th November, 2020.</p> <p>3] A workshop on 'How to take and compile Online Attendance?' by Madhuri Padaya and Dr Deepak More on 12th December, 2020, 45 teachers participated and benefited by the workshop</p>
Placement Policy framing	April 2021	Policy Drafting has been initiated
Career-related activities	June 2020 - April 2021	<p>1] Webinar on "How to get to the top of your career with Chemistry?"-25th July, 2020</p> <p>2] Taking right decisions for a bright career'- 28th October, 2020</p> <p>3] Webinar on Getting started with GIS using iGIS – 23rd June, 2020</p> <p>4] Field Biology workshop - 30-31st May, 2020</p> <p>5] Online course on Introduction to material characterization techniques - 22-28th June, 2020</p> <p>6] Online lecture on Beekeeping – 21st May,</p>

		<p>2020</p> <p>7] Career Opportunities in Healthcare Industry- 8th July, 2020</p> <p>8] First Term Training Programme for extension work - Teachers and student managers – 9th November, 2020</p> <p>9] Career opportunities in the Banking sector - 27th February 2021</p> <p>10] Careers in Management Accounting through CMA-USA – 18th January, 2021</p> <p>11] Career Orientation Program – 25th June, 2020</p> <p>12] Career in social work and Role of students in pandemic – 25th August, 2020</p>
--	--	--

Co-curricular activities	June 2020 - April 2021	<p>1] Webinar on Monogenetic Volcanoes: Origin, Evolution and their control on local Paleoenvironment conditions – 29th June, 2020</p> <p>2] Webinar on A Serpentine story on the Origin of Life – 6th July, 2020</p> <p>3] Webinar on Importance of Microfossils in addressing past climate change: Records from International Ocean Discovery Program – 19th June, 2020</p> <p>4] Webinar on Deglacial Origin of Barrier Reefs Along Low-Latitude Mixed Siliciclastic and Carbonate Continental Shelf Edges - 30th June 2020</p> <p>5] Webinar on Shear Zone-special reference to southern granulite terrain, India – 16th July, 2020</p> <p>6] Webinar on Tectonic Evolution of Aravallis – 31st July, 2020</p> <p>7] A workshop on Maths through Origami – 25th January, 2021</p>
--------------------------	------------------------	--



SOMAIYA
VIDYAVIHAR

K J Somaiya College of Science & Commerce

Autonomous (Affiliated to University of Mumbai)



Criteria VI - Governance, Leadership and Management

Department wise and Committees Academic audit (2019-2020 and 2020-2021) Examination Process Audit	April 2021	Conducted for 2019-2020 on 22 nd and 23 rd March, 2021. 2020-2021 Audit will be planned in the month of May/June, 2021 Completed on 6 th March, 2021.
NIRF ranking participation	As per dates declared	Submitted on 31 st January, 2021
Neilson India Today rankings	As per dates declared	Submitted on 30 th January, 2021
AQAR 2019-2020	November. 2020	Compilation has been completed and uploaded in May 2021
Digitization of personal files	April 2021	Pending
ISO Application (next step)	January 2021	ISO Certification 9001:2015 received
Administrative Audit	February 2021	Conducted on 22 nd May, 2021
Performance Appraisal policy	April 2021	Policy rough draft has been completed
Activities for non-teaching staff	June 2020 - April 2021	For Non-Teaching Staff: 1] Workshop on Chemical Lab Safety and Fire Extinguishing Operation- 16 th May, 2020 2] Stretching and breathing exercise workshop – 2 nd May, 2020

Recognition		Dr. Pradnya Prabhu, Principal, KJSSC was invited as NAAC Peer Team member to - Sri Ramakrishna College, Coimbatore Sarah Tucker College (Autonomous) Tirunelveli
Criteria VII - Institutional Values and Best Practices		
Digitization of Administrative office processes	Oct 2020- April 2021	Almost all processes have been digitalized
Digitization of Teaching-learning and evaluative process	June 2010- April 2021	All teachers are efficiently using the digital tools for Teaching, Learning and Evaluation
Green Audit	March 2021	Quotations obtained, but process could not be initiated due to lockdown.
Connect with Community Activity under Unnat Bharat Abhiyan	January- April, 2021	Restrictions due to Lockdown
Earn and Learn scheme for students (Ph.D. students can also be involved)	January- April, 2021	Offer made to F. Y. B.Sc. students to help in data entry and collation.
Environment awareness policy	April 2021	Policy drafting has been initiated
Activities Promoting Culture, Ethics and Environment consciousness	June 2020 - April 2021	1] Role of Social, legal and financial institutions in Biodiversity Conservation – 6 th June, 2020 2] A cyclist Journey from West coast to East Coast of India – 4 th May, 2020 3] Talk on Natural history museum and biodiversity – 8 th May, 2020



		<p>4] Webinar series on Tryst with ancient Vedic heritage through nutraceuticals: a wellness connect- 9th ,16th ,23rd July, 2020</p> <p>5] Odisha culture and its contribution to peace and harmony – 25th September, 2020</p> <p>6] Webinar on People like Gandhi – 10th October, 2020</p> <p>7] Role of Youth in Standing Up Against Racism - 24th March, 2021</p> <p>8] Sustainable Living- 5th June, 2020</p> <p>9] Sea Level Fluctuations: Is there any need to worry – 8th June, 2020</p> <p>10] Mangrove and mangrove associates - Natural strugglers – 22nd May, 2020</p>
Women Related Activities	June 2020 - April 2021	<p>1] Indian Feminism – 9th September, 2020</p> <p>2] Menstrual Hygiene – 17th February, 2021</p> <p>3] Women's' health – 10th February, 2021</p> <p>4] Polycystic ovarian syndrome – 28th September, 2020</p> <p>5] Contribution of Women in Science – 8th March, 2021</p>
Departmental Fests	June 2020 - April 2021	All departments organized their Fests
Celebration of Commemorative days	June 2020 - April 2021	<p>1] Mother's Day is a celebration honouring the mother of the family – 10th May 2020</p> <p>2] World Technology Day – 11th May, 2020</p> <p>3] Biodiversity conservation- Why and How – 28th May, 2020</p> <p>4] International Yoga Day – 21st June, 2020</p> <p>5] Video campaign of eco-friendly Diwali –</p>

		<p>13th November, 2020.</p> <p>6] Democracy Fortnight-2021 (women in Governance) – 9th February, 2021</p> <p>7] Democracy Fortnight 2021 (Democratic values and the role of educational institutions) – 5th February, 2021</p> <p>8] World Wildlife Day – 3rd March, 2021</p>
--	--	--

Kolly Saun

IQAC Co-ordinator

Anshu

Principal

