INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)

Accreditation - (Cycle - 4)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE
C-33631

Mumbai
Maharashtra
400077

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Section I:GENERAL INFORMATION		
1.Name & Address of the institution:	K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE Mumbai Maharashtra 400077	
2.Year of Establishment	1960	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	2	
Departments/Centres:	10	
Programmes/Course offered:	32	
Permanent Faculty Members:	122	
Permanent Support Staff:	109	
Students:	3137	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Old established institution located centrally 2. Autonomous status of institution with due flexibility 3. Adequate infrastructural facilities	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 12-04-2023 To : 13-04-2023	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. SIDDAN ANBAZHAGAN	Director,PERIYAR UNIVERSITY
Member Co-ordinator:	DR. SOMESH DHAMIJA	Professor,GLA University
Member:	DR. DAVID KUMAR SWAMY RAPAKA	Principal,Government College Rajahmundry
NAAC Co - ordinator:	Dr. Devender S Kawday	

Section II:CRITERION WISE ANALYSIS
Observations (Strengths and/or Weaknesses) on each qualitative metrices of the key Indicator under the respective criterion(This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrices(QlM) in Criterion1)	
1.1	Curriculum Design and Development
1.1.1 QlM	**Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QlM	**Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum**
1.4	Feedback System

Qualitative analysis of Criterion 1

K J Somaiya College of Science and Commerce is an autonomous institution promotes a wide range of academic programs which are UG (10), PG (17) and Ph.D (5) /research programmes.

The content caters to holistic development and embodies moral, social, ethical, cultural and environmental values. Courses are run in English medium as per the local needs. Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including LOCF with Ability Enhancement Compulsory Courses, Discipline Specific Courses, Discipline Specific Electives, Skill Enhancement Courses and General Electives that fosters entrepreneurship and employability skills in accordance with the UGC Quality Mandate. Well defined Graduate attributes, Programme Objectives, Programme Learning Outcomes for all programmes and Course outcomes for all courses are designed. The Curricula developed for all programmes covering multiple aspects of providing graduation knowledge, skills, values and attitudes and capture social responsibility, high order thinking through analyzing, evaluating concepts, processes and procedures. The societal development needs and environmental considerations are met by introducing these courses as mandatory with credits. Structured feedback on curriculum by all stakeholders are taken and reviewed for further development of the curriculum. Internships with reputed organizations and businesses including BARC, TIFR, NIO, ACTREC, etc. for all postgraduate students are in existence and support the students for research activity. Credit transfer from universities abroad about 20 National and international academic collaborations/ MoU's with other colleges, universities and research institutes. College has been identified as active Centre of SWAYAM according to NEP guidelines and the college has been registered for the Academic Bank of Credits. Inclusion of cross-cutting topics in the curriculum, such as gender sensitization, environmental sustainability, business ethics, human values and professional ethics etc. has been included in the syllabus. For example, Environmental and Green Chemistry, Ethics and governance are included in the course curriculum. The courses like Indian Ethos in management and “Mulya Pravaha” are added in the curriculum to enrich value education. The college offered 25 value added courses. The college NSS team actively involved in Swachh Bharat Mission The students and faculty are enrolled for MOOC's courses offered by SWAYAM/NPTEL/COURSERA. Instructional teaching-learning methods are introduced as per the needs of the students. The institution assesses the learning levels of the students and in the holistic development of a student, and the college conducted sessions under the Mentor-mentee scheme (20 to 25 students in each group) providing guidance and counselling at every level to students

for their academic progression and continued with the same using online mode during the pandemic period.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrices(QlM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QlM	**The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners**
2.3	Teaching- Learning Process
2.3.1 QlM	**Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences**
2.3.2 QlM	**Teachers use ICT enabled tools including online resources for effective teaching and learning process.**
2.3.4 QlM	**Preparation and adherence of Academic Calendar and Teaching plans by the institution**
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.3 QlM	**IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution**
2.6	Student Performance and Learning Outcomes
2.6.1 QlM	**Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.**
2.6.2 QlM	**Attainment of programme outcomes and course outcomes are evaluated by the institution.**
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

The admission process is online and transparent. Classroom teaching is effectively complemented by ICT tools. The courses are in demand. Separate measures of evaluation and integration for slow and fast learner are adopted. Students are exposed to out of classroom activities both within and outside the campus. Annual academic Calendar is designed keeping in view the guidelines from UGC, affiliating University and the State Higher Education Council. The college has qualified faculty to handle the teaching learning process . The teachers are dedicated to their work; follow student centric methods and participatory learning, problem solving methods. A pass percentage of 90.23 is satisfactory. Student-centred teaching strategies - active problem-based learning, flipped classroom, case studies, presentations, cooperative learning, etc. are in practice. The strategy for PO - CO mapping and calculation of PO attainment is to be categorically planned and the bench marks for Direct Assessment, Indirect Assessment and Final Assessment is to fixed dynamically and calculate & tabulate PO attainment for all programmes. However, program outcomes, program specific outcomes and course outcomes are clearly spelt out for outcome based education and the mapping is to be properly planned and benchmarked. Continuous Internal Assessment (CIA) and Semester-End – Examinations (SEE) is 40:60 and the process of conducting CIA shall be strengthened by way of exhibiting more transparency. Also Examination reforms shall be in line with autonomy guidelines and there is a need of more structured and prudennt use of autonomy so as ensure higher level of quality standards. The college should introduce some reforms to make examination system more robust, for example converting entire examination system into database management online and setting of question papers internally external and external.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrices(QlM) in Criterion3)	
3.1	Promotion of Research and Facilities
3.1.1 QlM	**The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented**
3.2	Resource Mobilization for Research
3.3	Innovation Ecosystem
3.3.1 QlM	**Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.**
3.4	Research Publications and Awards
3.5	Consultancy
3.6	Extension Activities
3.6.1 QlM	**Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years**
3.7	Collaboration

Qualitative analysis of Criterion 3

The college has well documented research policy to promote research among students and faculties. It provide guidance for obtaining research funding, administering awards, and managing research funds. Research monitoring committee monitor effective function of the research activities. Research advisory committee is periodically verifes the research activities and establishes the linkage with industries. The college has Central Instrumentation facilities for research. College library supporting e- Resources for online journals and books. The availability of Turnitin anti-plagiarism software supporting researchers in publishing high-quality research. The College Innovation Council organised research sensitization programmes like expert lectures, plagiarism awareness, IPR, grant proposal writing, understanding of research journals, reading of research papers and competitions. Financial supports extended to the faculties for patent filing, attending conferences, and collaborative research visits. Seed money provided to the faculties to undertake research projects. Travel support provided to Microbiology undergraduate students to attend international conference at Boston. The college has centralized Research Innovation Incubation Design Lab, which provides incubation facilities to the students. The college has an MoU with RiiDL, and several start-ups projects were initiated by the students. Tie-bandage was provided start-up fund of Rs. 30,000/- per month to UG science student Mr. Abhishek Rajak. RiiDL conducted entrepreneurship course, and conferences to motivate the students. College received several laurels through active participation of students. It placed under 'Band Performer' in the general category of ARIIA rankings 2021. The institution received Rs.24,000/- from IIC, MoE under the Innovation Ambassador program. The college incubated notable projects in green chemistry and module supporting visually impaired persons. Somaiya Institute of Research and Consultancy (SIRAC) facilitates internship, projects and research. Institution Innovation Council registered under ARIIA, and MHRD (2-Star Certificate). The Microbiology team members Mr. Vishal Shetty and Dr. Seema Sambrani were awarded patent for their research in DNA transformation and Muon detector by Mr. Pratik Barve has been showcased in ‘Vigyan Samagam’ organized by the DAE and DST. Mr. Vidyesh Sathe, Geology student, presented paper in Indian Planetary Science Conference, PRL. The students undergone internship in CIPLA, RCF, Godavari Bio-refinery under Industry Orientation Project. The NSS, NCC (girls) and the Department of Lifelong Learning and Extension (DLLE) in the college participated various extension and nation building activities. The extension activities include Swachh Bharat Abhiyan, Unnat Bharat Abhiyan, Workshop on Eco friendly goods, E-waste collection, blood/organ donation, stem-cell registration, assistance in Covid-19 vaccination drive and visit to orphanages.

Students volunteering in social awareness programmes like cancer awareness, safe driving, organic farming. The college provided space for conducting several NCC camps and NCC cadre won several medals in CAT Camp, All India Thal Sainik Camp, Pre-TSC Camp, Republic Day Camp, Ek Bharat Shrestha Bharat Camp and ALC. The NSS units in the college made remarkable achievements. The Prime Minister of India, Shri. Narendra Modi had made special mention in MANN KI BAAT about NSS volunteers in beautifying the Kalyan Junction. Mr. Robinsh Yadav received NSS Yuva Yoddha Award. NSS volunteers were felicitated by BMC Mumbai for their active participation in Covid-19 vaccination drive.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrices(QlM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QlM	**The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.**
4.1.2 QlM	**The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)**
4.2	Library as a Learning Resource
4.2.1 QlM	**Library is automated using Integrated Library Management System (ILMS)**
4.3	IT Infrastructure
4.3.1 QlM	***Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities***
4.4	Maintenance of Campus Infrastructure
4.4.2 QlM	**There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

Qualitative analysis of Criterion 4

The institution has 4392 sq.m built-up area and occupied in a 61 acres of green campus. The college has 26 ICT enabled classrooms, 5 cybernetic boards, 37 research labs and 3 computer labs with 135 desktops. The college has Central instrumentation laboratory, supported by DST-FIST. The RST-GIS laboratory, Biology Education laboratory (CUBE), Language lab, and Commerce lab are supporting learning activities. Research Innovation Incubation Design Laboratory facilitates interdisciplinary research and incubation. The departments provided with LAN, Wi-Fi, desktops (125), laptops (39) and overhead projectors (18). The college has well-furnished and Wi-Fi enabled facilities, AC seminar halls (2), and recording room. IQAC, Counselling cell, WDC, ICC, Grievance redressal Cell and Student's Council are in order. Adequate fund allocated for maintenance of labs, instruments, computers and other facilities. Biodiversity garden maintained with the financial aid received from Mumbai US consulate. The college provided adequate disabled friendly washrooms, toilets, hostels, canteens, CCTV, auditorium, and health centre. The college provide adequate space for indoor games such as Carrom, Chess, Table Tennis, Yoga, Judo, Martial arts, and Taekwondo. Similarly, it has adequate outdoor sports facilities such as synthetic track for athletes, long-jump, triple-jump, foot-ball, Basketball, Volley ball, Cricket pitch, Kabaddi, Kho-kho, Squash wooden, Badminton, Tennis, TT tables, Throw ball and Gymnasium. The college has Tagore Amphitheatre, which serves as a venue for a variety of cultural events. College library is fully digitized with holding of 85,783 books, 41 e-books and 2716 Journals. Library is fully automated with in-house integrated software system, namely 'BOOKWORM', automated KIOSK and Self Check system. CCTV camera and Anti-theft Door is installed in the main library. The library has remote access to e-books and e-journals through EBSCO discovery, NLIST, J-gate, e-Shodh Sindhu, Shodh Ganga, Web of Science, Wiley e-journals, Elsevier science direct, Elsevier Scopus for benefit

of students, scholars and faculty. The Institution has standard IT policy for Service Management, Network Security, Risk and Software Management. The centralized Data centre maintain computers, network infrastructure, Wi-Fi, and computing facilities. The college provide separate budget allocation for upgradation of IT Infrastructure. The college has dual internet connection, wired and Wi-fi connection 850Mbps and 150Mbps. Web hosting regularly done with latest OS. The portals like 'college worm, HR &ESS, Grievance and My account are respectively used for online administrative work, maintenance of employee details, complaint registration and facility management. The college has established standard protocols and procedures for maintenance of computers, and infrastructure facilities. The centralized Project office takes care of all maintenance activities. The stock registers are maintained properly. AMC is maintained for all high end instruments. Library advisory committee provide guidance for upgradation of the library facilities. Internal stock verification is being carried out in time. College gymkhana and sports facilities are well maintained. The purchase of equipment and maintenance are done from registered authorized vendor. Data centre conducts regular training programmes to faculty and staffs. Internal annual audits conducted and proper records are maintained.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrices(QlM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QlM	**Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution**
5.4	Alumni Engagement
5.4.1 QlM	**The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.**

Qualitative analysis of Criterion 5

The college reflects student's representation and promotes student's leadership through various sorts of activities of NCC, NSS, Class Representatives and Cultural Forum. College has a mechanism of nomination and selection of active and academically sound students through conveners of various activities in consultation with faculty concerned. These selected students in the form of council perform various tasks assigned from time-to-time. The student council has structure of President, Secretary, General Secretary and Joint Secretary specifically for cultural forum who along with the members maintains discipline and ensures that the cultural programmes must be conducted smoothly. College do emphasise on ensuring ragging free campus through support of students. Students council members takes care of peer grievances and promotes an environment of harmony and coordination amongst all the students. College do takes initiative to ensure active participation of students in sports, cultural, extracurricular activities from time-to-time. Along with the help of students a monthly bulletin is being published by the college. The college has registered alumni association since 2015 with Reg. No.: 2061/2015/GBBSD, P.T.R. No. F66106. Principal of the college chairs the managing committee of alumni association and ensures meetings of alumni association from time-to-time. There is provision that alumnus may extend financial and other support to the existing students and college through alumni association. There are substantial alumni chapters in India and abroad through which alumni association keeps on organising guest session of alumnus and do avails support of alumnus for training and placement activities of college. Alumni association do offer cash prizes to the academic rank holders and achievers of various competition through alumni funding.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrices(QlM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QlM	**The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution**
6.1.2 QlM	**The effective leadership is reflected in various institutional practices such as decentralization and participative management.**
6.2	Strategy Development and Deployment
6.2.1 QlM	**The institutional Strategic / Perspective plan is effectively deployed**
6.2.2 QlM	**The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.**
6.3	Faculty Empowerment Strategies
6.3.1 QlM	**The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression**
6.4	Financial Management and Resource Mobilization
6.4.1 QlM	**Institution conducts internal and external financial audits regularly**
6.4.3 QlM	**Institutional strategies for mobilisation of funds and the optimal utilisation of resources**
6.5	Internal Quality Assurance System
6.5.1 QlM	**Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)** **Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)**
6.5.2 QlM	**The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities** **(For first cycle - Incremental improvements made for the preceding five years with regard to quality** **For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)**

Qualitative analysis of Criterion 6
College being an old and established entity have a well-structured system of government through effective leadership and a clear cut vision and mission. College has established due statutory bodies and committees to ensure proper governance with due accountability. These bodies and committees develops strategic plans and ensures due execution of the same from time-to-time. College reflects a structured system for decentralization and participative management through various designations and statutory bodies. Principal of the college holds academic and administrative leadership along with due support of Vice-Principal, Dean of Academic Affairs, Dear Research and Development. Other statutory bodies/committees do ensures quality initiatives in academic and non-academic activities. CLOs and PLOs are mapped for ensuring academic effectiveness. College do

offers certificate programme to ensure learning beyond curriculum. Institution`s Innovation Council promotes innovation with support of industry. The institutional Strategic plan is effectively deployed with due IT integration in administrative and strategic execution. The trust of the college maintains centralised data through licenced and in-house developed softwares. College do maintains documents for HR and other support systems. The college’s governing body through its president and secretary ensures due administration. Principal coordinates between management and staff. Other officials viz., Vice-principal and various Deans ensures due execution of vision of management. The next layer of various authorities like, Controller of Examination, Head of the Department, Student Council Coordinators, IQAC Coordinator, Placement Coordinator and other officials through various committees and cells takes due initiatives to ensure effective implementation of various policies, rules and procedures. Team of teaching and non-teaching staff members implement the policies and rules as per the guidelines laid down by senior management. College has established systems to ensure effective welfare of the employees. There is provision of various types of leaves (Casual leave, Earned leave, Medical leave, On duty leave, compensatory offs and Sabbatical leaves, Maternity Leave, Paternity leave, special leaves) for the employees. Beyond leaves college do ensures the grant of various financial benefits to the employees and keeps on organising various events to ensure physical and mental health of the faculty and staff. Due mechanisms are also adopted for giving career development avenues to the employees. There is provision for biannual internal and external financial audit which is being done regularly. A statutory external audit report is also prepared annually and submitted to the trust. Different departments prepare their budget based on which institution budget is prepared and finance committee takes a final call of approval. College has resource mobilisation policy to ensure proper mobilization of funds. Strategic plans are prepared in accordance with budget. Major portion of revenue is utilised towards salaries. College has well constituted IQAC Cell and ensures strategic policy making like Research, collaborations, Student Support Activities, teaching, and curriculum enrichment. College has made incremental improvement with regard to quality post accreditation of previous cycle. IQAC periodically review teaching learning process, structures, methodology and learning outcomes. IQAC conducts internal & external audit. Emphasis is being given on using ICT tools in teaching learning and evaluation processes.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrices(QlM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QlM	**Measures initiated by the Institution for the promotion of gender equity during the last five years.**
7.1.3 QlM	**Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)** • **Solid waste management** • **Liquid waste management** • **Biomedical waste management** • **E-waste management** • **Waste recycling system** • **Hazardous chemicals and radioactive waste management**
7.1.8 QlM	**Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**
7.1.9 QlM	**Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**
7.1.11 QlM	**Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**
7.2	Best Practices
7.2.1 QlM	**Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.**
7.3	Institutional Distinctiveness
7.3.1 QlM	**Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

Qualitative analysis of Criterion 7
College has an established Women Development Cell and it ensures gender justice sensitisations. A number of committees, specifically Anti-Ragging Committee, Internal Complaint Committee (ICC), Grievance Redressal Cell, and Women Development Cell addresses issues in time and ensures gender equity. College makes reasonable efforts for recycling and reduce of waste by number of ways. Green initiatives and environmental concerns are the part of curriculum, organised Solid Waste Management related certificate programme for spreading due awareness. Further, the college has appointed an agency (Cleantech) for collecting the segregated garbage from the departments and sending the biodegradable waste to the composting site on the campus. Due efforts also visible in the direction of e-waste management process. College values inclusivity and diversity and organise cultural programmes through cultural forum, various festivals, guest lectures for promotion of regional language and celebrates various days for providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. College has also adopted five villages under Unnat Bharat Abhiyan (A Govt. of India Initiative). College sensitise the students and employees towards their constitutional obligations about values, rights, duties, and responsibilities of citizens. The college also conducts awareness programs on various issues of social & environmental concerns specifically plastic ban, importance of hygiene practice, Swachh Bharat Abhiyan, etc. From time-to-time, college keeps on organising / celebrating national and international commemorative days, events and festivals, specifically International Yoga Day, World Mental health day, National Science Day, National Mathematics Day, National Statistics Day, International Women’s Day, International Native

language day, Hindi Diwas, Teacher's Day, Republic Day, Independence Day & do organise some week celebrations viz., Nutritional Week celebration so as to sensitise the stakeholders about the days and festivals of importance. Under the practice "learn from the stalwarts" college invites distinguished academicians and researchers from renowned institutes, like BARC, IISER, Pune and IIT, Mumbai to deliver talks so as to inspire the students for research and multidisciplinary education. Under the practice " Enriching Expressions" the college invites alumni to groom students as mentors so as to make them ready for corporate and higher studies. Beyond its priority and thrust, the college do undertake social concerns on priority so as to sensitise students and staff towards their responsibility of contributing towards the community and society. NSS, NCC, DLLE take active participation in organising activities of social concern. Some of the activities worth mentioning are Blood Donation Drives, Stem cell Donation drive, Covid-19 Vaccination drive, Awareness for Pulse Polio Vaccination, Plasma Blood Bank, Organ Donation, Food Adulteration, visit to Old age homes, visit to Orphanages from time-to-time.

Section III:OVERALL ANALYSISbased on Institutional strengths.Weaknesses,Opportunities & Challenges(**SWOC)(up to 500 words)**

Overall Analysis

Strength:

1. Old established entity with effective Leadership
2. Structured academic system and policies due to autonomous status
3. Registered and well-structured Alumni association.
4. Central location of college gives ease for commutation to the stake holders
5. Adequate infrastructure and sports facilities

Weaknesses:

1. Limited research publications with reputed indexing
2. Low placement percentage
3. Bottlenecks in teachers recruitment
4. Improper faculty studio ratio specifically in Commerce
5. Limited consultancy and funded research projects

Opportunities:

1. Institution can capitalize Alumni association for placement and funding support
2. Teachers need to be trained in research paper, consultancy and project proposal writing
3. Institution can develop its own LMS system to convert all major academic activities in online mode
4. Institution can establish training and development cell to enhance placement avenues for students
5. Proper utilization of MOUs to make more opportunities available for teachers and students

Challenges:

1. Implementation of advance electives and skill based programmes due to limited number of resources
2. Establishment of research culture due to lack of proper ecosystem
3. Majority students from financially challenged families leading to lack of motivation for personality grooming
4. Establishment of proper linkage between corporate and academia

5. Difficult to retain qualified teachers recruited under temporary basis

Section IV:Recommendations for Quality Enhancement of the Institution
(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)
• Augmentation of required Lab infrastructure with regard to equipment and maintenance • Institution must ensure the development of well-structured Learning Management System (LMS) • Hostel and transport facilities for the students need to be increased in number and improved in quality • Institution must develop a well-structured training and development cell with qualified experts to ensure students grooming for placement and competitive exam readiness • Institution need further improvement in Wi-Fi bandwidth and maintenance of CCTVs • Institution must create corpus fund through Alumni to support research scholars • Institution must establish an effective system of communication between Alumni and Parents so as to get due inputs for quality enhancement • Institution shall frame proper Consultancy policy to strengthen the activity • Institution shall implement NEP – 2020 as per due guidelines and directives • Efforts need to be made for adequate number of research publications by faculty in reputed journals

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. SIDDAN ANBAZHAGAN	Chairperson	
2	DR. SOMESH DHAMIJA	Member Co-ordinator	
3	DR. DAVID KUMAR SWAMY RAPAKA	Member	
4	Dr. Devender S Kawday	NAAC Co - ordinator	

Place

Date

NAAC

Institutional Assessment and Accreditation

(Effective from July 2017)

Accreditation - (Cycle: 4)

K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE, Mumbai, Maharashtra

Track ID : MHCOGN10932

AISHE-ID : C-33631

Graphical Representation based on Quantitative & Qualitative Metrics

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Graphical Representation based on Quantitative & Qualitative Metrics

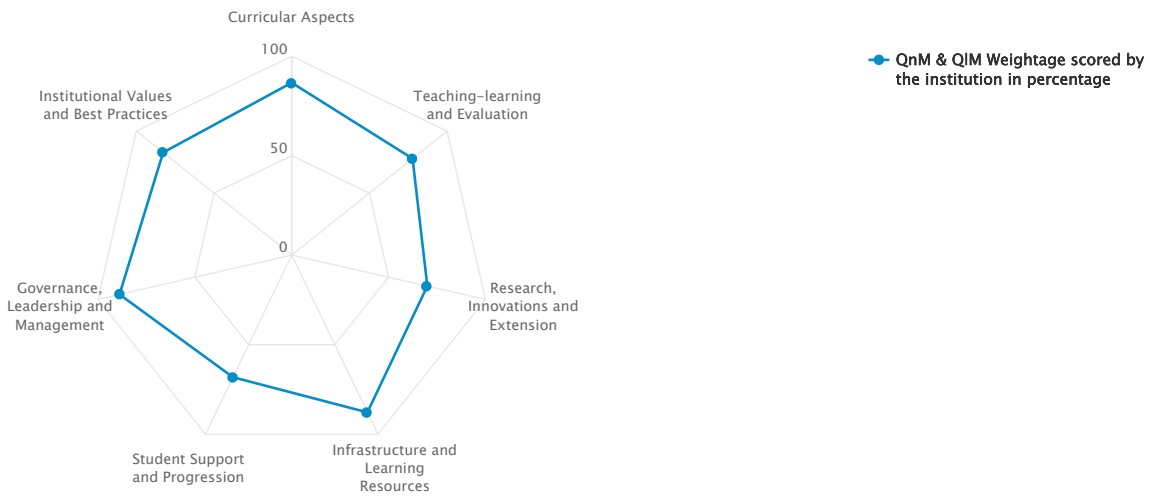

Fig: The criterion wise distribution of weighted scores (Q_nM & Q_lM) for the institution

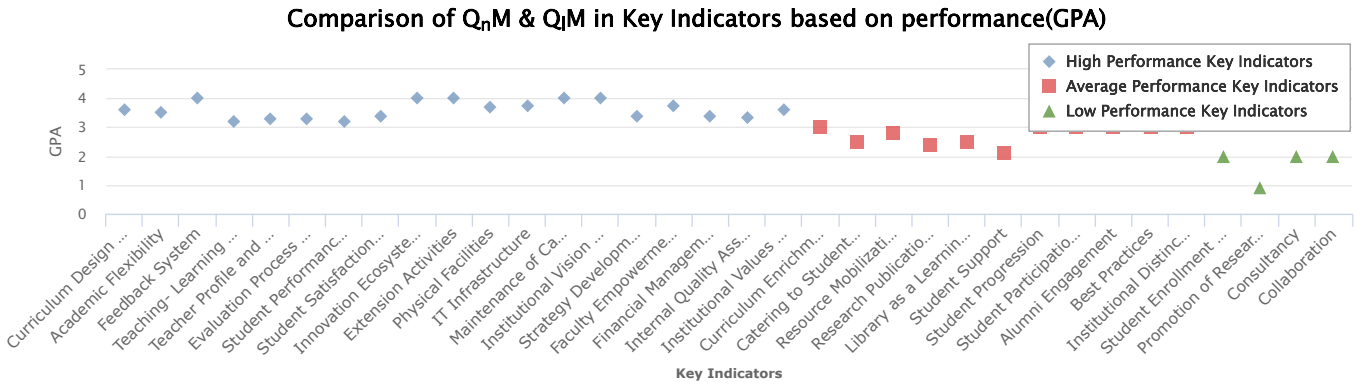

Fig: The comparison of Key Indicators (Q_nM & Q_IM) based on grade point average(GPA) extracted from the institution

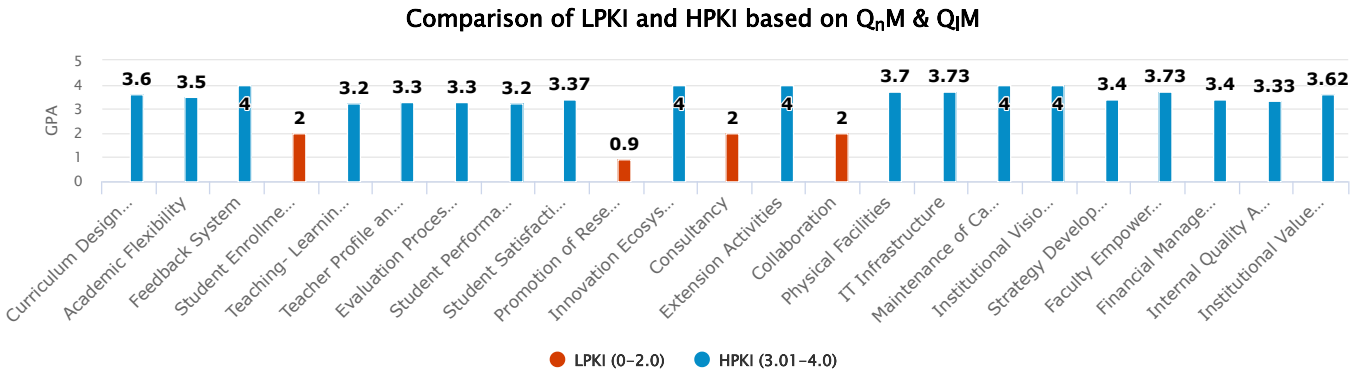

Fig: Comparison of LPKI(0-2.0) and HPKI(3.01-4.0) based on Q_nM & Q_lM

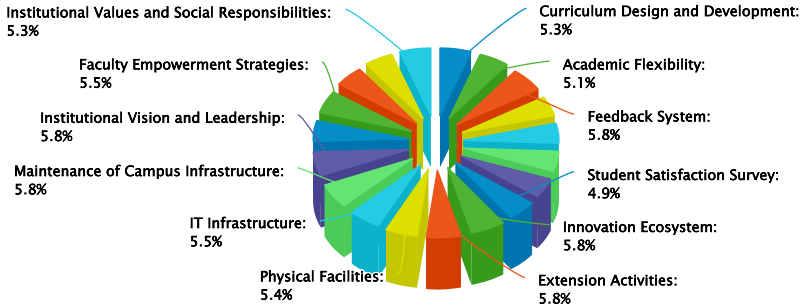

Fig: High Performance Key Indicators(3.01-4.0) for the institution

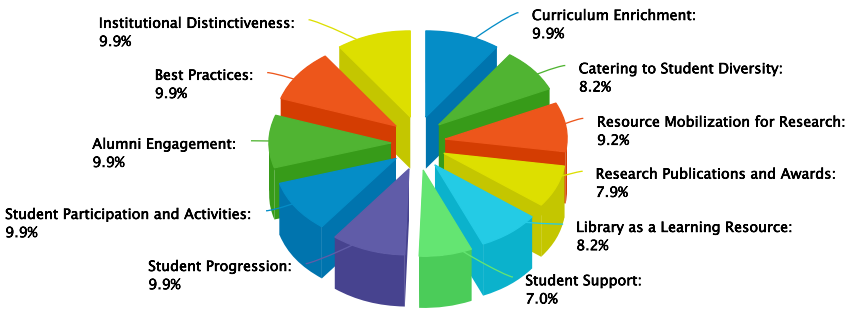

Fig: Average Performance Key Indicators(2.01-3.0) for the institution

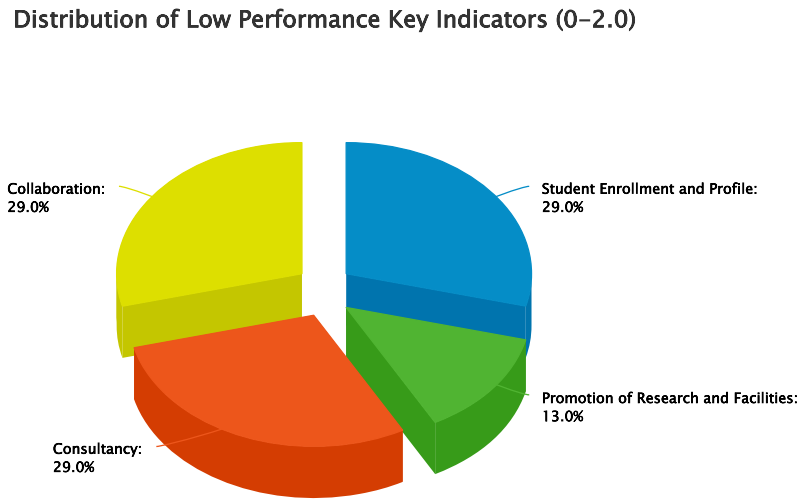

Fig: Low Performance Key Indicators(0-2.0) for the institution

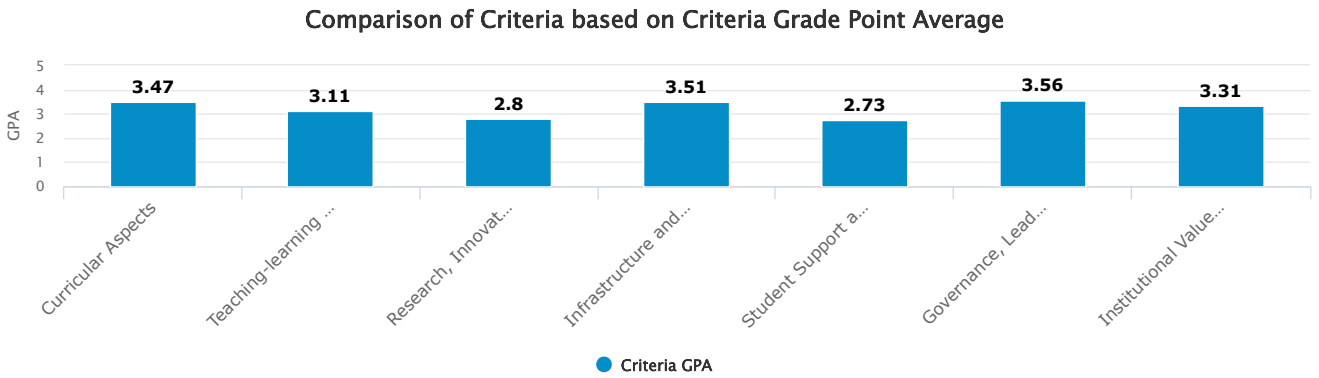

Fig: Comparison of Criteria based on Criteria Grade Point Average

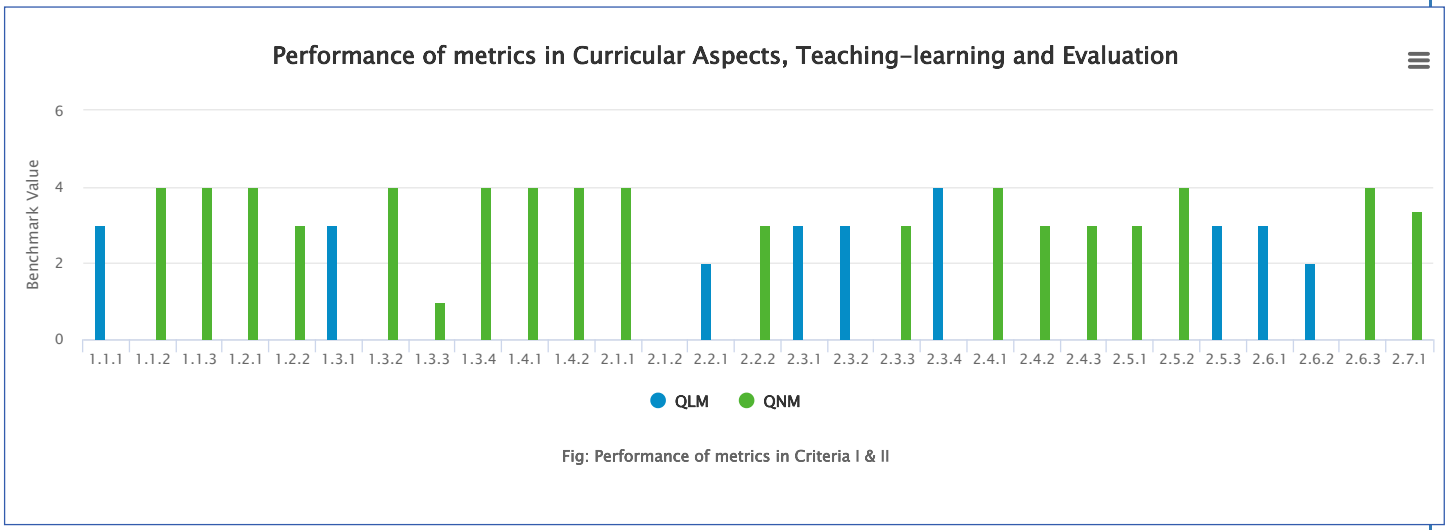

Fig: Performance of metrics in Criteria I & II

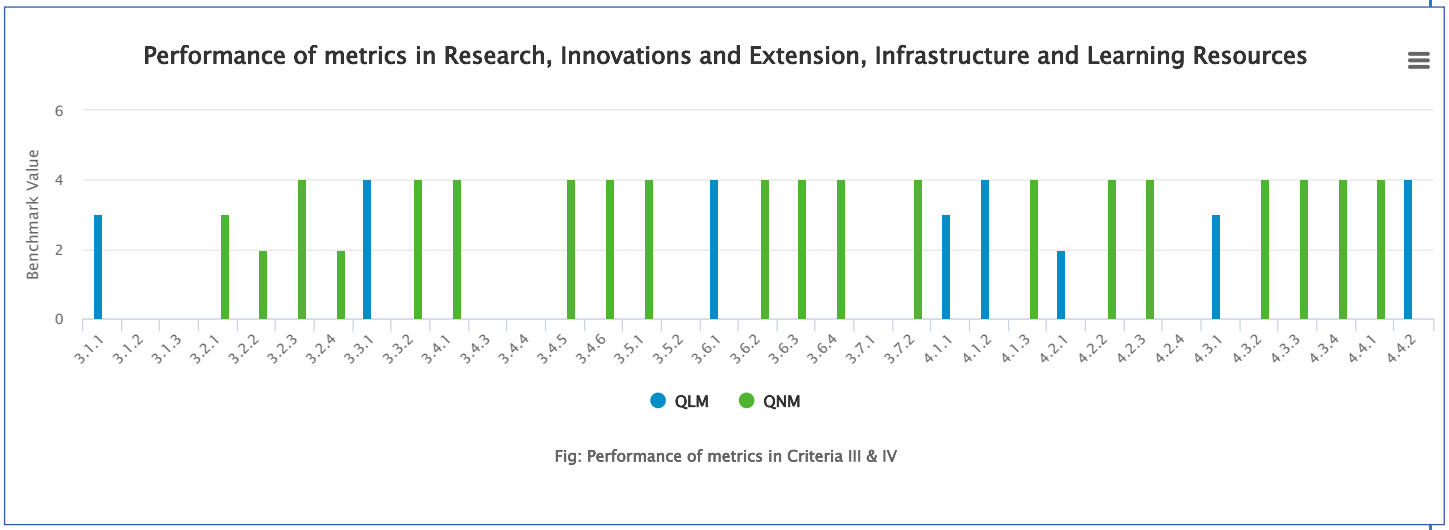

Fig: Performance of metrics in Criteria III & IV

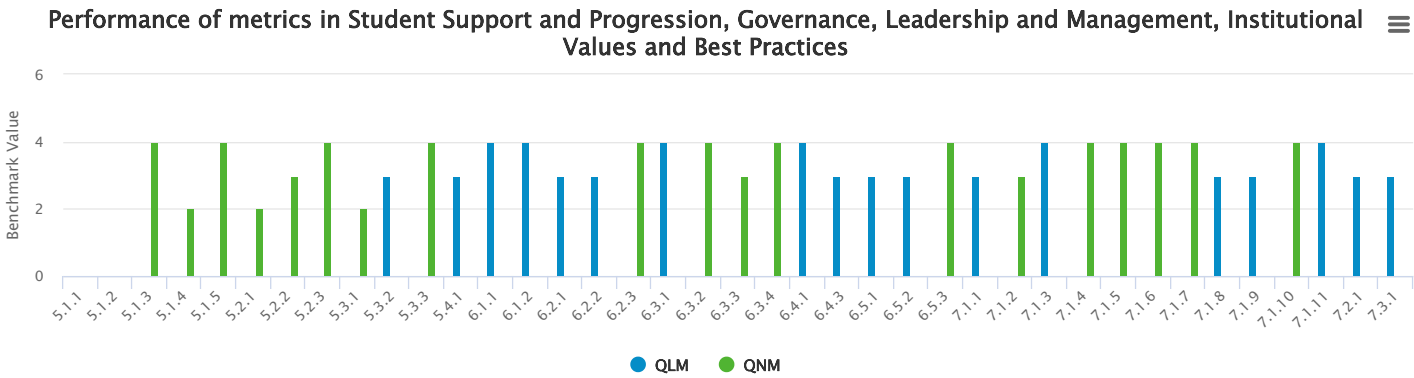

Fig: Performance of metrics in Criteria V, VI, VII

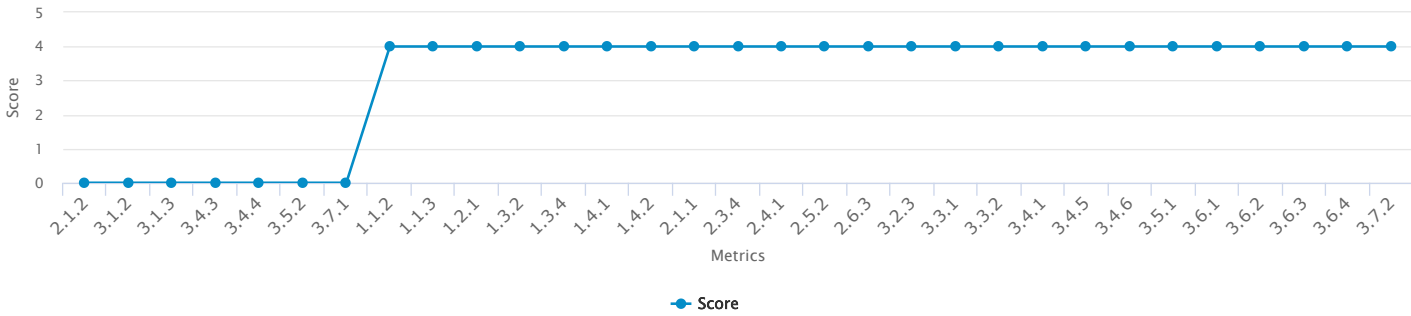

Fig: Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_lM (Criteria I,II and III)

Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_lM (Criteria IV,V,VI and VII)

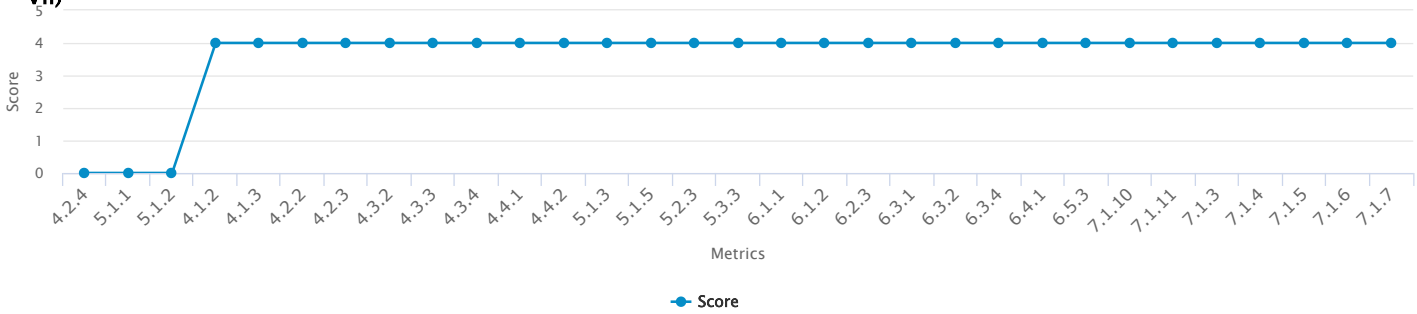

Fig: Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_lM (Criteria IV,V,VI and VII)

Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_lM (Criteria I,II and III)

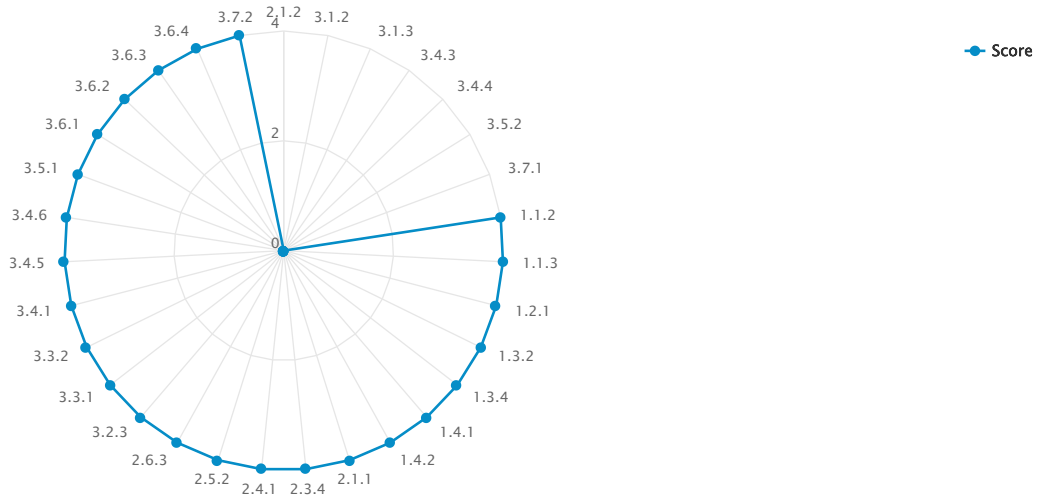

Fig: Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_lM (Criteria I,II and III)

Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_lM (Criteria IV,V,VI and VII)

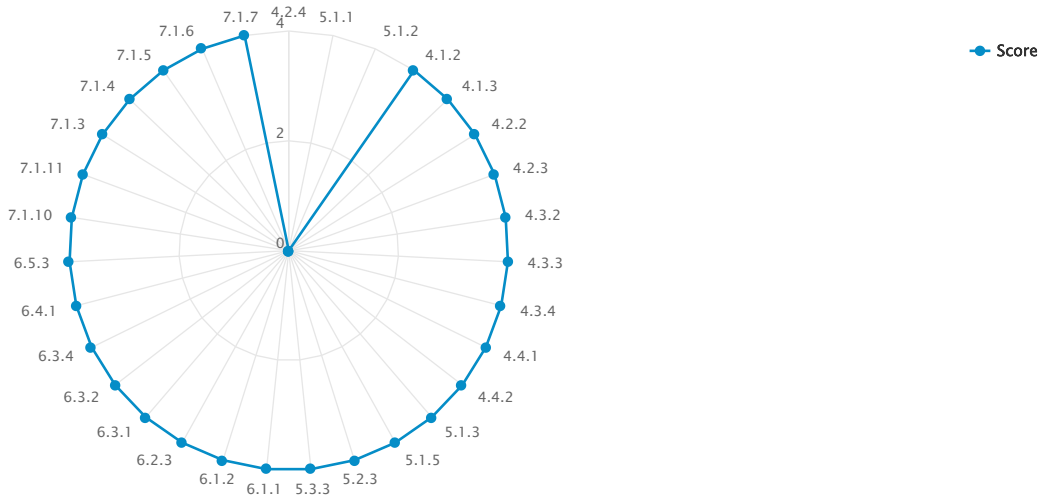

Fig: Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_lM (Criteria IV,V,VI and VII)

Institutional Grade Sheet

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NAAC

Institutional Assessment and Accreditation

(Effective from July 2017)

Accreditation - (Cycle: 4)

K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE, Mumbai, Maharashtra, 400077

Track ID : MHCOGN10932

AISHE-ID : C-33631

Visit dates : 12 - 04 - 2023 to **13 - 04 - 2023**

Grade Sheet

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Name of the Institution: K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE

Type of the Institution: Autonomous colleges

Dates of Visit: 12 - 04 - 2023 to 13 - 04 - 2023

No	Criteria	Weightage (W_i)	Criterion-wise weighted Grade Point ($CrWGP_i$)	Criterion-wise Grade Point Averages ($CrWGP_i / W_i$)
1	Curricular Aspects	150	520	3.47
2	Teaching-learning and Evaluation	300	934	3.11
3	Research, Innovations and Extension	145	406	2.8
4	Infrastructure and Learning Resources	90	316	3.51
5	Student Support and Progression	95	259	2.73
6	Governance, Leadership and Management	90	320	3.56
7	Institutional Values and Best Practices	100	331	3.31
	Total	$\sum_{i=1}^{7}(W_i) = 970$	$\sum_{i=1}^{7}(CrWGP_i) = 3086$	3.18

$$\text{Institutional CGPA} = \sum_{i=1}^{7}(\text{CrWGP}_i) / \sum_{i=1}^{7}(W_i) = 3086/970 = 3.18$$

Grade: A

Name of the Institution: K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE

Type of the Institution: Autonomous colleges

Dates of Visit: 12 - 04 - 2023 to **13 - 04 - 2023**

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points $(KIWGP)_i$
Criterion 1: Curricular Aspects			
1.1	Curriculum Design and Development	50	180
1.2	Academic Flexibility	40	140
1.3	Curriculum Enrichment	40	120
1.4	Feedback System	20	80
Total		**$\sum W_1$=150**	**$\sum(KIWGP)_1$=520**
Calculated $CrGPA_1 = \sum(KIWGP)_1 / \sum W_1 = 520/150 = 3.47$			
Criterion 2: Teaching-learning and Evaluation			
2.1	Student Enrollment and Profile	20	40
2.2	Catering to Student Diversity	30	75
2.3	Teaching- Learning Process	50	160
2.4	Teacher Profile and Quality	50	165
2.5	Evaluation Process and Reforms	50	165
2.6	Student Performance and Learning Outcomes	50	160
2.7	Student Satisfaction Survey	50	169

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points $(KIWGP)_i$
Total		**$\sum W_2$=300**	**$\sum(KIWGP)_2$=934**
Calculated $CrGPA_2$ = $\sum(KIWGP)_2$ /$\sum W_2$ = 934 /300 = 3.11			
Criterion 3: Research, Innovations and Extension			
3.1	Promotion of Research and Facilities	20	18
3.2	Resource Mobilization for Research	10	28
3.3	Innovation Ecosystem	10	40
3.4	Research Publications and Awards	25	60
3.5	Consultancy	10	20
3.6	Extension Activities	50	200
3.7	Collaboration	20	40
Total		**$\sum W_3$=145**	**$\sum(KIWGP)_3$=406**
Calculated $CrGPA_3$ = $\sum(KIWGP)_3$ /$\sum W_3$ = 406 /145 = 2.8			
Criterion 4: Infrastructure and Learning Resources			
4.1	Physical Facilities	20	74
4.2	Library as a Learning Resource	20	50
4.3	IT Infrastructure	30	112
4.4	Maintenance of Campus Infrastructure	20	80
Total		**$\sum W_4$=90**	**$\sum(KIWGP)_4$=316**
Calculated $CrGPA_4$ = $\sum(KIWGP)_4$ /$\sum W_4$ = 316 /90 = 3.51			
Criterion 5: Student Support and Progression			
5.1	Student Support	30	64
5.2	Student Progression	30	90
5.3	Student Participation and Activities	30	90
5.4	Alumni Engagement	5	15
Total		**$\sum W_5$=95**	**$\sum(KIWGP)_5$=259**
Calculated $CrGPA_5$ = $\sum(KIWGP)_5$ /$\sum W_5$ = 259 /95 = 2.73			
Criterion 6: Governance, Leadership and Management			

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points $(KIWGP)_i$
6.1	Institutional Vision and Leadership	10	40
6.2	Strategy Development and Deployment	10	34
6.3	Faculty Empowerment Strategies	30	112
6.4	Financial Management and Resource Mobilization	10	34
6.5	Internal Quality Assurance System	30	100
Total		**$\sum W_6$=90**	**$\sum(KIWGP)_6$=320**
Calculated $CrGPA_6 = \sum(KIWGP)_6 / \sum W_6$ = 320 /90 = 3.56			
Criterion 7: Institutional Values and Best Practices			
7.1	Institutional Values and Social Responsibilities	50	181
7.2	Best Practices	30	90
7.3	Institutional Distinctiveness	20	60
Total		**$\sum W_7$=100**	**$\sum(KIWGP)_7$=331**
Calculated $CrGPA_7 = \sum(KIWGP)_7 / \sum W_7$ = 331 /100 = 3.31			
Grand Total		**970**	**3086**

$$\text{Institutional CGPA} = \sum_{i=1}^{7}(CrWGP_i) / \sum_{i=1}^{7}(W_i) = \frac{3086}{970} = 3.18$$