



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	K. K. SHAH JARODWALA MANINAGAR SCIENCE COLLEGE
Name of the head of the Institution	Dr. R. R. Shah
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07925461060
Mobile no.	9825318350
Registered Email	info@kksjmsc.com
Alternate Email	ruteshshah67@gmail.com
Address	J.L. Trust Campus, Rambaug, Maninagar
City/Town	Ahmedabad
State/UT	Gujarat
Pincode	380008

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Dr. U. J. Naik			
Phone no/Alternate Phone no.		07925461060			
Mobile no.		9825223179			
Registered Email		iqac@kksjmsc.com			
Alternate Email		kksjmsciqa@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://kksjmsc.com/wp-content/uploads/2022/04/AOAR-2018-19.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://kksjmsc.com/student-corner/timetable/timetable-2019-20/			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	78.10	2005	21-Sep-2005	20-Sep-2010
2	B	2.59	2011	16-Sep-2011	15-Sep-2016
6. Date of Establishment of IQAC		16-Apr-2006			
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		

Visit to Indrashil University	11-Feb-2020 1	60
Poster and oral presentation competition for Students	15-Feb-2020 1	82
National Voter Day	25-Jan-2020 1	145
Late Rasiklal N. Shah Memorial Lecture on HPLC- A mesmerizing tool in Industries by Dr. Deepkumar Joshi, Assistant professor of chemistry, Sheth M. N. Science college, Patan	28-Dec-2019 1	105
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

? All the staffs are encouraged to attend seminars, workshops, conferences etc. so faculty attended state level, national level workshops, conferences and seminars during this academic year. ? Regular meetings of Internal Quality Assurance Cell (IQAC) ? Participation in NIRF ? Promoted 'Research' activities

among faculty and students. ? Encouraged students to participate in various sports. This resulted into the selection of more than 7 students to represent Gujarat University in different sports at state and national level.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To initiate various awareness Programme.	Various awareness Programme like Swachhh bharat abhiyan, AIDS awareness, self-defence etc. were organized by college NSS unit.
To organize study tour/visit for students	M.Sc. Students visited indrashil university Biology students visited Shulpaneshwar, Jarvani Folls, Statue of Unity.
To organize Expert lecture for students	More than 150 students participated in various skill development programme organized by college

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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2021

Date of Submission

30-Jan-2021

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Partial

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

As a college affiliated to Gujarat University, we follow the University prescribed curriculum. Different steps which are followed by the institution to ensure effective curriculum delivery through a well-planned and documentation process are as follows: - The college follows the academic schedule according to the university calendar prior to the commencement of the academic year by IQAC, specifying available dates for significant activities to ensure proper teaching-learning process and continuous evaluation. This is displayed on the notice boards. Meeting is held in each department at the beginning of the academic year to discuss about the course distribution, theory as well as practical, for the academic session. Based on the expertise of individual professor, the syllabus is allotted to them by the head of the department. Syllabus of each subject for the academic session is provided to the students. Theory classes & practical sessions are held according to the time-table which is prepared by the time-table committee prior to the commencement of the academic year. Classroom teaching includes seminars, group discussions, assignments, term-papers, educational tours, field trips and industrial visits for effective delivery of curriculum. Equal educational opportunities are provided to all learners. The college central library provides teachers with necessary teaching resources for effective delivery of curriculum. All internal examinations like class test, mid-term test, etc., are conducted to check whether the students have acquired knowledge as outlined in the objectives of the curriculum. Assignments of each subject are given to all the students prior to the internal exams. The students are made to refer reference books and efforts are made by teachers to improve their performance. Records of the regular attendance, mark lists and progress of the students are maintained and preserved by the respective departments.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	Nil	Nil	Nil	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Chemistry/ Mathematics/Physics /Botany/zoology/Statistics	15/06/2011
MSc	Organic Chemistry	15/06/2010
PhD or DPhil	Chemistry	15/06/2014

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Elective course	15/06/2019	1257
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Chemistry	61
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Nil
Parents	Nil

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>For the overall development of the college, the management discusses the concern matters with principal regularly. The principal collects the overall feedback by informal method from the faculty, the admin staff and students. With the help of such feedbacks, the principal guides the stake holders for the betterment of the performance of the college. Such feedbacks may be like, the teaching methodology, remedial classes, revision of practical, follow-up of the curriculum, arrangement for the examinations, laboratory requirements, related to infrastructure issues, personnel issues, grievances, university related matters, higher education department (Govt. of Gujarat) related matters etc. The principal reviews and analyses such matters, and discuss with the concern stakeholders. With the help of such feedbacks and analysis, the principal and the stakeholders resolves or improvise the overall college up-gradation matters.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
PhD or DPhil	Chemistry	15	Nil	4
MSc	Chemistry	89	Nil	99
BSc	Physics/Maths /Statistics	130	Nil	73
BSc	Physics/Chemistry/ Maths	130	Nil	106

BSc	Physics/Chemistry/ Zoology	90	Nil	74
BSc	Physics/Chemistry/ Botany	170	Nil	130
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1257	175	32	0	16

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
32	32	9	2	0	14

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring is an integral part of the college. This is the prime activity and functioning of the college. The principal and committees chalk out the various processes of implementation of the teaching, learning and evaluation for the students. The implementation is being carried out by the various departments and the concerned faculty members. And the total outcome of the process of the mentoring is the effective and successful teaching, learning and evaluation process.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1432	32	1 : 45

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
32	32	0	0	19

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	NIL	Nil	Nil

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	MSc	IV	21/08/2020	16/10/2020
BSc	BSc	VI	12/09/2020	29/10/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

1. Papers Xerox copies are taken where the principal's signature appear in each papers. 2. Supervisor's reports clearly reflect absentees and presentees. 3. Announcements, along with proper instructions, for theory and practical exams through notice board, SMS website. 4. Results declared duly on date(s). 5. Re-tests are conducted. 6. Results are verified and cross-checked to eliminate errors. 7. All and above the college is abide to follow the Gujarat University rules and regulations for examinations.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

1. The academic calendar provided by university in general. 2. The college initiates the theory classes and practical sessions duly on time. Here for the implementation of the practical sessions may change as per department feasibility. This flexibility is to optimize the department resources. 3. The internal examination schedules are provided and implemented by the examination committee. 4. The external examination schedules are provided by Gujarat University. 5. Re-tests (internal) schedules are also provided for the benefit of the students. 6. The schedules of results for internal examinations are well mentioned. 7. The schedules of the results for external examinations (c/o Gujarat University) are provided by the University time by time.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://kksjmsc.com/igac-naac/igac/programme-outcome/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Bsc	BSc	Chemistry, Physics, Mathametics, Statistics	572	320	62.93
MSc	MSc	Organic Chemistry	74	69	93.24

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://kksjmsc.com/student-corner/feedback/>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	Nill	NIL	Nill	Nill
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Patent awareness among science faculty and research scholar on national science day by Dr. Satya Shridevi from GUJCOST	Institute	28/02/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	Nill	Nill	Nill	Nill
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nill	NIL	Nill	Nill	Nill	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Physics	1	Nill
International	Biology	7	Nill

International	Maths	2	Nill
International	Statistics	1	Nill
International	Physical Education	1	Nill
National	Physical Education	1	Nill
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Biology	7
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NIL	Nill	Nill	Nill	Nill	Nill	Nill
No file uploaded.						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	Nill	Nill	Nill	Nill	Nill	Nill
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	19	10	4
Presented papers	5	2	1	0
Resource persons	0	1	0	1
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Food festival Master Cheff in college campus	Institute	8	80

Visit to cancer hospital vasana	Institute	1	70
swachchhata oath in college campus	Institute	8	110
Registration and orientation program	Institute	2	100
Two students participated in the National Integration camp (NIC) of the NSS.	Regional Directorate Trivandrum, under the Ministry of Youth Affairs and Sports Government of India held at Marian college kuttikkanam, Kerala	0	2
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	Nil	Nil	Nil
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Road safety awareness	Maninagar police station	Road safety and traffic awareness	10	120
safety awareness	Ahmedabad Police and Nirma Universty	Workshop on Cyber safety and security awareness week	28	110
Syber security	Ahmedabad cyber crime brance	Cyber security	5	50
Environment Awareness	Institute voice of earth foundation	Our Environment -Our Responsibilities	1	65
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	Nil	Nil	Nil
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
R. L. Bhila As a Judge	science -mathematics exhibition : Science fair of Ahmedabad city secondary and higher secondary	Terf high school, Narapura, Ahmedabad jilla shikshan and talim bhavan ,amdavad shaher	24/09/2019	24/09/2019	1
Dr. R. P. Chaudhari as a Judge	science -mathematics exhibition : Science fair of Ahmedabad city secondary and higher secondary	Terf high school, Narapura, Ahmedabad jilla shikshan and talim bhavan ,amdavad shaher	24/09/2019	24/09/2019	1

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIL	Nil	Nil	Nil

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing

Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOL	Partially	2.0	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	4057	310154	0	0	4057	310154
Reference Books	6972	494465	0	0	6972	494465
Journals	54	31918	0	0	54	31918
Others(s pecify)	1115	128186	0	0	1115	128186

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	Nill	Nill	Nill

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	36	1	5	0	0	5	5	10	0
Added	0	0	0	0	0	0	0	0	0
Total	36	1	5	0	0	5	5	10	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nill

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
881037	881037	510381	510381

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

? The college has a team of housekeeping staff headed by Office superintendent to oversee the maintenance of buildings, classrooms, laboratories, Solid and liquid waste management and other facilities in the campus. Adequate in house staff are employed to maintain hygiene and cleanliness in the campus. ? The Office superintendent organizes, supervises and coordinates the work of housekeeping staff on a day- to- day basis. Furniture maintenance is on annual basis during the summer vacation. ? The security staffs are in charge of the surveillance at the College gate and vehicle parking within the campus. ? Fire safety equipment installed in all labs and in all departments are maintained by the respective departments. ? Teaching aids such as Laptops, Desktops, Printers, Wi-Fi, etc., are being maintained through contract base. ? Library Books found damaged are frequently checked and maintained. ? The website coordinator ensures that college website is updated time to time.

<http://kksjmsc.com/wp-content/uploads/2022/04/4.4.2-Procedures-for-maintaining-and-utilizing-physical-academic-and-support-facilities-pdf.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Post Metric - ST, SC, BCK, PH	432	190680
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Lecture on Energy of Universe by Dr. D. R. Gor	07/01/2020	58	Institute
Lecture on Life Style Preparedness (Jivan shaily ane Sajjata) Dr PG Acharya	01/01/2020	55	Institute

Lecture by Shri Harivadan Mehta on Effective Communication in English	24/12/2019	45	Institute
Oral / Poster presentation competition	15/02/2020	82	Institute
Late Rasiklal N. Shah Memorial Lecture on HPLC-A mesmerizing tool in Industries by Dr. Deepkumar Joshi, Assistant professor of chemistry, Sheth M. N. Science college, Patan	28/12/2019	105	The Association of Chemical Technologists (India) ACTI and Institute
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	One lectures delivered by Sachin kumar sing on Career opportunity after B.Sc. Mathes	Nil	50	Nil	Nil
2020	Lecture by Prof Mihir Suthar on "NET (How to clear National Eligibility Test)"	65	Nil	Nil	Nil
2020	Lecture by Prof Anit Vantiya on "SLET(How to Clear State level Eligibility Test For Professor)"	62	Nil	Nil	Nil

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
NIL	0	0	Job placement Fair by Government of Gujarat at K.K.Shatri Government College, KhoKhara, Ahmedabad	153	12
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	78	B.Sc., M.Sc.	Chemistry, physics, mathematics, statistics	Various institute	M.Sc.Or B.Ed
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nil	0
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports	Institute	245
Cultural	Institute	199
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	ATHLETICS (MEN)- INTER COLLEGE 10000 MTR RUN FIRST IN GUJARAT UNIVERSITY	National	2	Nil	Nil	CHAUDHARI SHAIKESH
2020	WRESTLING- INTER COLLEGE GOLD MEDAL IN GUJARAT UNIVERSITY	National	1	Nil	Nil	TIWARI SHUBHAM
2020	On the spot Photo graphy- University youth festival (zone)	National	Nil	1	Nil	Pancholi Jaini
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

1. Teachers day celebration. 2. Medical check-up camp 3. Blood donation camp 4. Presentation (Oral/poster) presentation compilation. 5. Youth festival 6. Talent programme 7. Food festival 8. Days celebration

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Shared responsibilities College Committee: Administration of the College. Admission Committee: Looks into the Admission process. College Examination Committee: Plans conducts the Internal Examinations. Research Co-Ordination Committee: Co-ordinate the Research activities of the college. Sports Advisory Committee: Plans and conducts sports activities every year. NSS Advisory Committee: NSS-related activities and special camp. Cultural Committee: In-charge of all cultural activities that take part in the institution. A centralized committee of Senior Faculty is constituted to give awareness on ragging and its effects. IQAC: Planning and execution of academic activities. Placement Cell: Trains Students, and looks after the placement of the students. The Principal of the institution is responsible for academic, non-academic, and administrative activities. He interacts and corresponds with AISHE, NIRF, UGC, Affiliating University, etc. 2. M.Sc. programme is conducted/ managed through PG in-charge faculty. M.Sc. programme run in college is totally handle and management by PG in-charge appointed by principal. He/she is responsible for co-ordination with university and Department of that particular subject.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	The library is updated with university reference books, recent journals and magazines. The faculty have started use of overhead projector to teach effectively for some topics. Further, with a view to the advancement of internet and allied facilities, the use of internet is being used increasingly to enhance the teaching-learning process.
Human Resource Management	Our management and principal always take care to manage human recourses optimally.
Curriculum Development	All decision regarding curriculum development and alterations are taken by the university. However, some of faculty members are in Board of Study (BOS) of university and college faculty coordinated with the respective departments of the university to discuss the syllabus and give a feedback about their respective curriculum.
Teaching and Learning	The teachers of the college are well experience to provide the effective teaching-learning process. The teachers promote the interactive theory classes and practical as well. The teachers are well equipped with teaching tools (models, charts, specimens, ICT etc). The instruction of medium is English in teaching-learning process. This helps

to develop unanimous teaching-learning system. However we observed the inputs of the students coming from Gujarati and Hindi medium. And we observe the majority students are coming from Gujarati medium. Therefore, for the sake of the easy teaching-learning process, the teachers also explain in Gujarati, if it is required. Further, we observe that the inputs of the students are with passing rank to first class rank for the B.Sc. programme. The teaching-learning process of the college is so well established that when these students passed out from the college, the results of these students are far satisfactory.

Examination and Evaluation

As per Gujarat University examination pattern, each theory paper contributed 30 marks from internal evaluation and 70 marks from the external exam evaluation. The practical exam marking is also same considering 30 from internal evaluation and 70 from external exam evaluation. The college established an examination committee for the overall monitoring and implementation of the internal examination. The concerned departments are responsible for the paper setting and assessment for the theory papers. And the internal practical exam are conducted by the respective departments as per schedule given. During these examinations, the college properly monitors the number of present and absent students.

Research and Development

In the span of years, the college gradually promoted the research and development activities effectively. As a result, the numbers of Ph.D. qualified staff gradually increased. They have completed UGC sponsored minor research projects successfully. The faculty members are promoted to present and publish their research work at various levels (viz. State, National, and International). The college faculty initiated the research orientation among the students. As a result some college students received grants from Gujarat Council of Science and Technology (DST-GOG) to pursue the "Students SCI - TECH project". Through years, the students are promoted to present and to publish the research work at various platforms. Looking

	towards the consistently good research work from the faculty and the students, the principal initiated an outstanding step to document all this research work in the form of yearly publication of "Research Annals of Faculties and Students". And the college is proud this year to publish Research Annals of Faculties and Students Volume-X (2019).
Industry Interaction / Collaboration	Industry executives and experts are invited to share their experiences with the students. M.Sc. Chemistry Semester-4 students done their project work at different industries.
Admission of Students	The Institute is affiliated to the Gujarat University and First year UG PG student admission has been made fully online and on the basis of merit since 2014-15. All different subject combinations and other information regarding admissions are given in the admission booklet, semester I. Consequently, the admission process for the remaining semesters in UG course is being conducted by the college and more or less this process is choice based.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	In contemporary digital world, the e-governance procedure is going to be very promising in various fields. E-governance is also being implemented gradually in the education sector. Our college also chalk out some plan to develop the e-governance procedure as and when possible. Some of these may be related to admission process, salary, Accounts, government related matters, CCTV etc.
Administration	The college has no as such Management information system (MIS). However, the administration uses e-governance through electronic means viz. the computer software for maintaining accounts, salary, fees, income tax calculation, students roll calls, electronic surveillance (CCTV) etc.
Finance and Accounts	All financial accounts are maintained in office through the e-governance. E.g. Students Fees, salary process, and auditing.
Student Admission and Support	UG PG semester I admission is done online by the Gujarat University. Students fill their forms online and

	automatically merit is prepared. The allocation of the college admission is informed to the students. Students transcripts, SMS alerts Communication done widely by the use of email.
Examination	The College has a separate Examination Committee. As per there requirement Examination committee, necessary electronics facilities are provided by the college such as roll numbers printouts, Xerox copies, printing of related documents, Results etc.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	NIL	NIL	NIL	0
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Nill	Nill	Nill	Nill	Nill	Nill
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Two-week online workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work organized by Teaching Learning Centre, Ramanujan	1	25/05/2020	05/06/2020	12

College, University of Delhi				
Online course "Basic in CROMATOGRAPHY" Jointly organized by Dipam Foundation Sheth M.N.Science College, Patan	2	18/05/2020	27/05/2020	10
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Credit Society,	Credit Society,	Merit Scholarship,

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

All accounts are maintained in the Administrative Office by the Accountant in the prescribed format as per GOI guidelines. Financial Audit is performed on a yearly basis and the Financial Statements are certified by the registered Chartered Accountant after duly checking the registers, records, vouchers, and other documents.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	No	Null
Administrative	No	Null	No	Null

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent - Teacher interaction whenever it required.

6.5.3 – Development programmes for support staff (at least three)

Free uniform to class-IV staff by management

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- Faculty members received the grant from UGC for minor research projects.
- The college received UGC fund to organize various seminars.
- ICT tools are initiated for teaching-learning method.
- The IQAC revamped.
- Recruitments of faculty members in different departments are done by the Govt. of Guj.
- Skill based training initiated through establishment of ISR activities.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Nill
d) NBA or any other quality audit	Nill

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Late Rasiklal N. Shah Memorial Lecture on HPLC-A mesmerizing tool in Industries by Dr. Deepkumar Joshi, Assistant professor of chemistry, Sheth M. N. Science college, Patan	28/12/2019	28/12/2019	28/12/2019	105
2019	Lectures delivered by Sachin kumar sing given information about Career opportunity after B.Sc. Maths	02/07/2019	02/07/2019	02/07/2019	50
2020	Poster and oral presentation competition for Students	15/02/2020	15/02/2020	15/02/2020	82

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
NIL	Nil	Nil	Nil	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

The college is very sensitive to prevent environment related issues. For this, the college has proper mechanism for the Solid Liquid-Waste management. The chemistry laboratories are equipped with Exhaust fans to prevent the environment for the chemical gases. The college has rain water harvesting system for the requirement of the water in the chemistry laboratories.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
Nil	Nil	Nil	Nil	Nil	NIL	Nil	Nil
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2019	21/06/2019	157
Youth Day	13/08/2019	13/08/2019	35
Republic Day Celebration	26/01/2020	26/01/2020	132
National Voter Day	25/01/2020	25/01/2020	145

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Plastic free and Tobacco free campus: The college campus has strict rules regarding tobacco free and plastic free policy. We have promoted our students to say "NO" to plastic.
- Rain water harvesting: The institute has underground tank with capacity of 6000 litres, for harvesting rain water, the rain water from rooftop is collected in this underground tank and is thereafter used as distilled water in the laboratories.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. **ISR activity:** Objectives of ISR: • To Inculcate Social awareness, values and environmentally responsible behavior amongst students. • To nurture students as citizens with moral, ethical and social values so as to provide service to the society through activities and discharge their obligations towards the society.

Functions of ISR: • To create awareness among students towards our responsibility for societal development. • To organize training /awareness programs, social projects in association with social organization, clubs. • To arrange seminars/lectures by social workers for our ISR students. During the year we accelerated the ISR activities by involvement of the students for the leadership, soft skill, Communication Skill, presentation skill etc. traits. Different topics like Personality Development, Deep Work, Project Work Along With Syllables, leadership and first aid training, First stage treatment covered in this activity by experts. Students undertake Project work on the topic "water project". We design a day wise time table for every week for a month. 1st Monday of month students of higher class take unit test for junior students, 2nd Monday project work along with syllabus (popular lecture, quiz, seminar, group discussion, study tour etc.) by study circles of every departments 3rd Monday: Research methodology (poster/oral presentation, project work etc.) awareness 4th Monday: other activity 1st Tuesday: Computer skill enhancement 2nd Tuesday: English learning (speaking English) 3rd Tuesday: Sports (indoor/outdoor game, gymnastics, aerobic, yoga etc.) 4th Tuesday: Cultural activity (Drama, mimicry, music and singing, elocution etc.) 1st Wednesday: safety measurement (road safety, fire safety, chemical safety etc.) 2nd Wednesday: General knowledge (history, economic growth and knowledge of miscellaneous and interdisciplinary subjects etc.) 3rd Wednesday: Rescue operation-disaster management 4th Wednesday: first-aid treatment 1st Thursday: Skill development (plumbing, electrics etc.) 2nd Thursday: Entrepreneurship development 3rd Thursday: aptitude test, multiple intelligence tests etc. 4th Thursday: Support service (Pan Card, driving license, medical test etc.) 1st Friday: Soft skill and communication skill 2nd Friday: personality development and moral value 3rd Friday: Stress management 4th Friday: Social and community service Every Saturday Yoga, Meditation and reading of books etc. 2. **Shared Responsibilities:** The college is engaged in various activities related to faculties, students, extension activities etc. The principal decide to contribute these responsibilities among the faculty members. Therefore each faculty member of the college is having at least prime responsibility to cater the best outputs.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://kksjmsc.com/wp-content/uploads/2022/04/Best-practices-KKSJMISC.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The College has provided tremendous thrust and priority to its Program of

Diversity Inclusion and Integration - an area distinctive to the Vision of the College: 1. To give Higher Education in Basic Science (Through B. Sc. and M.Sc. programmes). 2. To orient students for persuing scientific attitude (Through Projects, Debates, Visits, Excursions and Research attitude for the students). 3. To build citizens with good conduct (Through tendency of Self Discipline, Integration, Motivation, Communication, Management etc). 4. To popularise scientific awareness (Through Science Exhibition, Quiz, Seminars, Research, Popular Lectures etc.). 5. To provide environment for all round development of students at mental, physical, social and spiritual level (Through Sports, Youth festivals, NCC, NSS, W.D.C.). 6. To provide vocational information for career advancement and employment oriented guidance (Through Career Corner, Placement). Along with the science education, this institute feels its cultural and social responsibilities within the society as well. K. K. Shah Jarodwala Maninagar Science College maintains higher standards in educational excellence. Dedication and untiring efforts of qualified staff members amplify educational status of students. Various co-curricular and extra-curricular activities like computer education, debates, seminars, project work, career guidance, etc. are organized regularly. Besides these, various cultural programmes, leadership training and festivals are organized. Our institute organizes a number of state-level programmes. Sports activities with certain limitations are also flourished. The best practices used by the college to cater the higher education in basic sciences are up to the mark. It is observed that the girl-students prefer this college for the higher education, because the college has well established discipline mechanism. Optimum use of the resources to cater the need of teaching and learning process.

Provide the weblink of the institution

<http://kksjmsc.com/wp-content/uploads/2022/04/7.3.1-Institutional-Distinctiveness-KKSJMISC.pdf>

8.Future Plans of Actions for Next Academic Year

1. To install fire-safety system in college building. 2. To increase more use of ICT tools for teaching, learning and evaluatin process in this pandemic time. 3. To encourage more faculty to attain FDP/orientation/Refresher course. 4. To conduct awareness programe on COVID-19 for students and staff to prevention and reducing the transmission.