Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**THE INSTITUTE OF SCIENCE MUMBAI**
Name of the head of the Institution	**Dr. Jairam M. Khobragade**
Designation	**Director**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02222829294**
Mobile no.	**9422810676**
Registered Email	**iscmdirector@gmail.com**
Alternate Email	**director@iscm.ac.in**
Address	**15 Madame Cama Road**
City/Town	**Mumbai**
State/UT	**Maharashtra**
Pincode	**400032**

2. Institutional Status

Affiliated / Constituent	**Constituent**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Prof.(Dr.) Aparna A. Saraf**
Phone no/Alternate Phone no.	**02222829294**
Mobile no.	**9869357636**
Registered Email	**draparnasaraf@yahoo.co.in**
Alternate Email	**draparnasaraf@iscm.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://iscm.ac.in/pdf/63528c956266b_aqar_report.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://iscm.ac.in/pdf/ISc%20Academic%20Calendar%202019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**A**	**3.05**	**2014**	**05-May-2014**	**04-May-2019**

6. Date of Establishment of IQAC	**01-Jun-2004**

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
Solid Waste Management Program in collaboration with Bajaj Electricals	**13-Jun-2019** **1**	**32**

Designing the new syllabus structure of HBSU under CBCS	12-Jun-2019 1	42
Designing the new syllabus structure of HBSU under CBCS	21-Jun-2019 1	40
Facilitating Analytical Measurements through application focused Solutions - Opportunities	16-Jul-2019 1	125
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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
Physics Chemistry and Botany	Major Research Project	Rajiv Ghandhi Science and Technology Commission	2017 1095	2623600
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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 :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**

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)

The Institute of Science is a lead college of first Cluster University in Maharashtra. A special program was organised for Designing the New syllabus structure of HBSU under CBCS. # 7 Days Workshop on Analytical Instruments (with Practical Utility) from 2nd to 9th December 2019. The workshop was specifically designed for giving exposure to various analytical instruments at The Institute. # Zero Garbage Mission: 03 rounds of programs were conducted to effectively carry out the Zero Garbage Mission in association of Bajaj Electricals on 13th June

2019, 25th September 2019 and 29th February 2020. # 03 Intercollegiate Departmental Fests were organised to conduct various cocurricular activities . # Guest Lectures by eminent resource persons.

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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
Research & Innovations	The lecture organized on 16th July 2019 was one of such pearl in the string. Dr. Anil Nimkar, Director, Quality Management and Analytics, Natura Yuva AG., A notable alumni of Institute of Science, Chemistry Department, delivered a lecture on Topic "Facilitating Analytical Measurements through application-focused Solutions -Opportunities". 7 Days Workshop on Analytical Instruments (with Practical Utility) from 2nd to 9th December 2019. The workshop was specifically designed for giving exposure to various analytical instruments at The Institute.
Curricular aspects	Designing the New syllabus structure of HBSU under CBCS: 12th and 21st June 2019. Prof. Thakkar, President, ISAA addressed the faculty of The Institute regarding the structure of syllabus under CBCS on 12th June 2019, later on 21st June 2019, Prof Thakkar and Dr. Samant, ICT, Mumbai conducted the second session for designing the structure of syllabus for the new M.Sc. Programs at The Institute.
Teaching Learning Evaluation	Changing Scenario in Higher Education: Evaluation Reforms by Prof. N.V. Thakkar on 19th November, 2019. A talk leading to introspection of self as a teacher. A beautiful way to show that Educational reforms if implemented in true spirit would lead to good academic standard. Prof. Thakkar also spoke about evaluation ways which can be implemented in every learning process.
Guest lectures of eminent scientists	On 18th July 2019, A Session two of "Campus to Corporate" was organized in Godrej Marine Ecological Centre, Vikroli. During this session students received guidance from Dr. Hemant Kharkhanis, Associate manager, Godrej Marine Ecological Centre. Dr.

	Kharkhanis gave the information about Mangroves and their habitat. "Potential 2 Performance" by Dr. Razia Manjrekar: 21st September 2019. Dr. Razia S. Manjrekar, Director of Sunanda Specialty Coating Pvt. Ltd. and a Life Coach for Grow More Coach Model conducted workshop, untapping potential of Grad students was organized on 21st September 2019 at Institute's Nuclear Science building titled, "Potential 2 Performance". Municipal Solid waste management: Waste to Energy …Global Scenario!!by Dr Arun D. Sawant on 27th September 2019 enlighten the audience from various streams of science on the topic of Municipal Solid waste management. Crowdsource by Google on 5th October 2019 by Google Team. The entire Google team of 6 members took turns to explain the concept of Crowdsource to students and faculty. Current Research Scenario at Wildlife Institute of India (WII) Dehradun by Dr. Gautam Talukdar on 5th December 2019 Alumnus Dr. Gautam Talukdar, Scientist E & Head, Protected Area Networks Wildlife Institute of India conducted a special informal session for students of Botany Department on various ongoing research activities at Wildlife Institute of India (WII), Dehradun. Celebration of World Wetland Day, 7th February 2020 a talk by Mr. Stalin D., Project Director, NGO Vanashakti, was organised to share his insights and experiences in the field of wetland conservation and the challenges faced therein.
Organize departmental Fest	"PLANTA" is an Intercollegiate Botanical Fest Organized by Students of the Botany Department. In 2019-20, the theme of the event was HYDROPONICS. The event was organized on 13th & 14th March 2020. "WILDERNESS" The department of Environmental Science organized a two day event called "Wilderness" in celebration of Wildlife Week on the 4th and 5th October 2019. SIGMATICS 2020: Department of Mathematics celebrates National Mathematics Day on 29th January 2020 by organising an event SIGMATICS. It was supported by National Council for Science and Technology Communication, DST and Rajiv Gandhi Science and Technology Communication with an aid of Rs. 50,000/-.

Eco-friendly Campus	Solid Waste Management Program with an aim to achieve "Zero Garbage" status for the Institute in collaboration with Bajaj Electricals: 13th June 2019. This was done by Dr Sushma Ambadekar, Coordinator, NSS along with students. Mr Supriyo Das from Bajaj Electricals carried out the survey with assistance from canteen staff. Solid Waste Management Program: Follow up of the above initiative was taken with Bajaj Electricals on 25th September 2019. Awareness session on Municipal Solid Waste Segregation & Composting by Mr Suprio Das: 29th February 2020 In continuation with the Zero Garbage Mission Program at The Institute in collaboration with Bajaj Electricals, an awareness session was conducted by Mr Suprio Das on 29th February 2020. As a part of the Centenary Year Celebration, Alumni Medicinal Plant Garden was inaugurated and the first Plant was planted by Dr. Nimkar on 16th July 2019.
Organise Field Trips	ISAA organized a Nature Trail at Maharashtra Nature Park (MNP) on 12th October 2019 for the students, alumni and faculty of The Institute. Alumnus Dr. C.S. Lattoo, conducted a Nature Walk and floored everybody with his expertise on Flora of MNP.
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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:	No
17. Does the Institution have Management Information System ?	No

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

The Institute of Science considers effective delivery of the curriculum to be the most important curriculum as it runs the university courses on which the future of the children depends. Accordingly, the Institute of Science follows the syllabus prescribed by the University of Mumbai through its Board of Studies. Few faculty members have served on Boards of Studies and some on their subcommittees and have contributed to curriculum development. The Institute of Science adopted the following outcomes to ensure effective course delivery through a systematic and strategic transparent mechanism: Academic Calendar: • The Institute of Science fully and strictly followed the academic calendar issued by the University of Mumbai. • All Heads of Departments conduct meetings to allocate workload, allocate subjects, plan departmental activities and review completed syllabus. • The Director monitors the effective implementation of the calendar through formal meetings with Heads of Departments and informal discussions with faculty if necessary. Time Table Committee: • All Heads of Departments constitute a Time Table Committee. • Time table is prepared by respective departments. • A copy of the timetable is submitted to the office and displayed on the notice board of respective departments. • Students are also given a link to the University Syllabus. Teaching Plan: • A teaching plan is prepared by each faculty member at the beginning of the academic year. • Periodic evaluation of course delivery is done by HODs through IQAC. • Teachers engage in extra periods and practicals as required and maintain their records. Laboratory: • There is the optimal use of well-equipped laboratories for the delivery of practical courses. • Students maintain practical journals and results are verified by faculty and certified by HOD. • A research project is assigned to the students along with a practical course to demonstrate their research skills. Teaching Aids: • The teacher makes use of projectors for effective presentations along with chalk and blackboards for teaching. • Methods like seminars, group discussions, quizzes, Journal Club for presentation of research articles and case studies are adopted for effective delivery of the course. • Study materials, notes, assignments, are provided in class and by mail. • Educational field visits, industrial visits, and study tours are organized for teaching completion of some subjects. • They are assigned group projects to develop team spirit, sharing, and presentation, research skills. • Social sites like YOUTUBE, Whatsapp, etc. are used for effective teaching. • Guest lectures, expert lectures, and departmental alumni guidance are organized. • Internet, computers, LCD projectors, and other audiovisual aids are regularly used for effective teaching methods. Library: • The library has a separate study room for each subject and many old and new books of the respective subjects are available to the students. • Books are given to the students for a fixed period of time as per their requirement. • It is recorded in the issue register in the library. Teacher Support: • Institute encourages faculty to attend orientation and refresher courses to update their subject knowledge.

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
0	0	Nil	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	NIL	Nill
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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
MSc	PG programs with specialization and elective options in almost subjects	10/06/2019

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

	Certificate	Diploma Course
Number of Students	0	0

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
NIL	Nill	0
[View File](#)		

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	NIL	0
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

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

Feedback Obtained

The feedback of students for the academic year 2019-20 is taken for all Post Graduate Programmes conducted in the Institute. The feedback was taken randomly once a year for all the programmes. Following questions were included considering the overall feedback of students about teachers. a) Subject knowledge b) Communication skill c) Sincerity and commitment of the teacher d) Interest generated by the teacher e) Ability to integrated subject with environment f) Ability to integrated content with other courses g) Accessibility of teacher inside and outside of the class h) Ability to design quiz / test assignment/ examination and project to evaluate students understanding of course. i) Teacher encouragement for student's class participation j) Teachers advice regarding preparation of examination k) Teacher's interaction with students. l) Teacher analysis about your performance m) Impact of internal marks valuation on your course grade n) Teacher providing information about the career prospect o) Overall rating of the teacher. The

Committee appointed by the Director analysed the result and communicated the same to him. These results were then discussed with the individual faculty for further improvement. • Institute collects feedback from students. • Collected feedback is analyzed using various parameters and the performance of students is evaluated. • Any inconsistencies identified are considered for correction and suggestions are taken for improvement. • Formative assessment is used to identify gaps in students knowledge which helps identify slow and advanced learners. • Slow learners are given remedial training after completion of each semester. • Advanced students are encouraged to further career advancement by participating in various co-curricular activities and career-oriented programs organized in and outside the college. • In light of the feedback received, the faculty suggests curriculum redesign workshops. • Achievement of course objectives is measured through students performance in internal tests, group discussions, presentations, and university examinations.

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
MSc	Excel file uploaded	Nill	Nill	Nill
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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	0	551	0	49	49

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	Numberof smart classrooms	E-resources and techniques used
49	48	4	15	0	9
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)

The mentoring system at The Institute of Science is student centric and ensures that the students adapt to the dynamic learning environment. The institute has an informal mentoring system where each faculty member is a link between the students and the institution. Functioning takes place wherein mentors are assigned to monitor and guide students throughout the academic year. Mentors provides individual recognition and encouragement to their mentee. They also gives psychosocial support at the time of need. The interaction often expose students to diverse academic and professional perspectives in various fields. They help them at the time of difficulty and also help them develop further in their areas of interest. Mentors keep track of the mentees' overall performance

and coordinate with the parents regarding their progress during PTA meets. There is a continous interaction between the mentor and mentee for their projects. Mentors also communicate with other faculty members and discuss the common issues faced by mentees. Head of the Department acts as a mentor and monitor different activities of the assigned to mentors and the students. They give a detailed report of the mentoring system to the Head of the Institute from time to time. The mentors thus help the students to grow building a lasting personal and professional relationship

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
551	49	1:11

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
71	49	22	3	37

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
2019	NIL	Nill	NIL
No file uploaded.			

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	Detail Excel file uploaded	Nill	Nill	Nill
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute ensures that there is a transparent method of assessment. It follows evaluation pattern for all courses as per the instructions of the Mumbai University. Internal Exams are an integral part of Semester examinations. These internal exams are conducted in form of MCQ,s/Seminars/Presentations during the regular curriculum. The students are given a advanced information regarding the pattern of internal assessment. They are also informed about the number of tests or exams that will be held and considered for their assessment and the weightage of each of these. This helps them to prepare for the same. Departments often conducts regular tests and assignments to enhance the learning outcome. Some courses have Dissertation as a part of their Examination. The project work is continuously evaluated during last two semester. Field Visits, Industrial visits and co-curricular activities also are informal tools for continuous evaluation of students performances.

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

An Academic Calendar is prepared by the College at the beginning of academic year. It is inclusive of both academic and cocurricular activities. It allows the faculty and the students to have a structured and disciplined approach towards the academic and nonacademic activities conducted throughout the year. The adheance to the academic calendar ensures that the internal assessment process is not affected by the cocurricular activities at the Institute. The students are also benefited by such a structured approach. Thus the Academic Calendar guarantees transparency in conducting the teaching and evaluation process.

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)

https://iscm.ac.in/syllabus.php

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
Excel file uploaded	MSc	Nill	Nill	Nill	Nill
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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)

https://iscm.ac.in/pdf/Student%20Feedback%20Report%202018.pdf

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
Major Projects	Nill	Excel file uploaded	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
National Seminar on Advanced Materials 2020" (A Special Contribution : Women Scientist) [NSAM - 2020]	Physics	03/03/2020
Green techniques in biological Sciences	Zoology	22/01/2020
NATIONAL CONFERENCE ON	Chemistry	13/02/2020

RESENT TRENDS IN CHEMISTRY [NCRTC-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	NIL	NIL	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	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill

View File

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
Botany	2
Microbiology	1
Chemistry	3
Physics	3
Zoology	2

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)
Nill	Excel File uploaded	Nill	Nill

View File

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
Excel file uploaded	Nill

View File

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
Excel file uploaded	Nill	Nill	Nill	Nill	Nill	Nill

View File

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
Excel file uploaded	Nill	Nill	Nill	Nill	Nill	Nill

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	1	0	0
Presented papers	0	7	0	0
Resource persons	1	1	1	2

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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
NIL	NIL	0	0

View File

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	0

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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 activites	Number of students participated in such activites
NIL	NIL	NIL	0	0

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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
Excel file	Nill	Nill	Nill

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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
Excel file uploaded	Nill	Nill	Nill	Nill	Nill
View File					

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
Excel file uploaded	Nill	Nill	Nill
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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
387.28	217.72

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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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 patially)	Version	Year of automation

NIL	Nill	NIL	2022

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	28972	6495168	603	1734435	29575	8229603
e-Books	3000	5900	0	5900	3000	11800
Journals	5000	3142618	2	84605	5002	3227223
Digital Database	1	35500	0	0	1	35500

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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	**NIL**	**NIL**	**Nill**

No file uploaded.

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	122	8	9	9	9	16	106	100	0
Added	50	0	0	0	0	0	50	0	0
Total	172	8	9	9	9	16	156	100	0

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

100 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 incurredon maintenance of physical facilites
175.47	**100.28**	**120.88**	**74.51**

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 Institute adheres to the rules and regulations of Department of Higher and Technical Education, Government of Maharashtra which are issued from time to time. The maintenance of civil and electrical works is looked after by Public Works Department whose office is housed in the campus. Annual Maintenance Contract for, Website, CCTV cameras, the old and non functional instruments/equipment are written off following the established government protocol. The instruments and consumables are procured by the purchase committee and distributed via the stores as per the requirements of the departments. The departments maintain a record of the procured equipment and the consumables in the departmental stock registers. Stock verification is done at the departmental level at the end of every year to get an idea about future requirements. The purchased and discarded assets information is timely recorded. The Institute has a courtyard for Volley ball, Throw Ball and Badminton as well as well-equipped gymkhana for indoor games. It also houses cardio equipment. The Sports Committee looks after the proper functioning of the sports facilities. Students employed through Earn and Learn Scheme also look after the upkeep and maintenance of the library. Institution also maintains the stock register wherein data are timely entered. The purchased and discarded assets information is timely recorded. In order to maintain the assets up to date, the college has annual maintenance contract of various agencies. The college has also outsourced the campus cleaning aspect to the third party. Wherever the deficiency of staff is there, including in library, sports complex and laboratories, people are recruited on the clock hour basis and contract basis.

https://iscm.ac.in/

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	Eklavya Scholarship, Government of Maharashtra Post Matric Scholarship	87	1145287
Financial Support from Other Sources			
a) National	0	0	0
b)International	0	0	0
View File			

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 implemetation	Number of students enrolled	Agencies involved
Excel File uploaded	Nill	Nill	Nill
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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 passedin the comp. exam	Number of studentsp placed
2019	NET- SET Workshop	20	20	1	0

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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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Nil	0	0	NA	0	0

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	4	The Institute of Science Mumbai	Botany	The Institute of Science Mumbai	Ph.D

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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
NET	1
SET	2
SLET	0
GATE	1
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0

Any Other	1

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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
Excel file uploaded	Nill	Nill

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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	NIL	Nill	Nill	Nill	Nill	NIL

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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)

Student Council is constituted among the Topper student from each class. On 27th Feb 2020 the Marathi Language Day (Marathi Bhasha Diwas) is `celebrated in the Institute. . Students, teaching staff as well as non-teaching staff took active part in Marathi Diwas. For year 2019-20 the philosophical association Institute has organized during 11th-18th February 2020. Different events like Treasure Hunt, Photography, Get in Character, Debate (say it loud), Quiz, Mister Miss Institute, Abstract Painting etc were conducted. On 7th March 2020 the annual day function was celebrated under the name CIENCIA. Mr. Nandesh Umap Popular Marathi Singer and Shahir was the Chief Guest. Students' Council member Mr. Aniket Gawas (General Secretary,), Mr. Shubham Tanpathak (Cultural secretary), Miss Harshita Shenoy (ladies representative), Mr. Kamruddin Kazi (Boys representgaive), Miss Apurva Mandlik (Students representative Admin), Mr Pratik Deokar and Miss Siddhali Tambe, the winners of Mister and Miss Institute respectively got felicitated by the Director and Chief Guest. Different cultural programs have been organized like, Solo dance, Duet Dance, Group Dance, singing, Drama, Skits and Fashion Show etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association is registered under the name, The Institute of Science Mumbai Alumni Association. Its registration No. E-22070, Mumbai date 29.9.2004. The ISAA Alumni have 8 Patron members and 287 Life Members . The Institute of Science Alumni Association (ISAA) has conducted various activities in the form of invited lectures, workshops, field visits to enable the students to establish a rapport with eminent personalities who have already made their mark in various fields. Hon. Vice Chancellor Prof. Suhas Pednekar presided over the Alumni Meet organized on 21st December 2019.

5.4.2 – No. of enrolled Alumni:

58

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

221149

5.4.4 – Meetings/activities organized by Alumni Association :

In Collaboration with Bajaj Electricals a Solid Waste Management Program was carried out on 13 th June 2019. Prof. Thakkar, President, ISAA addressed the faculty of The Institute regarding the structure of syllabus under CBCS on 12 th June 2019, On 21 st June 2019, Prof Thakkar and Dr. Samant, ICT, Mumbai conducted the second session for designing the structure of syllabus for the new M.Sc. Programs. Dr. Anil Nimkar delivered a very informative Facilitating Analytical Measurements through application focused Solutions - Opportunities a talk by Dr. Anil Nimkar 16 th July 2019. .Alumni Medicinal Plant Garden. As a part of the Centenary Year Celebration, the association decided to Go Green. Alumni Medicinal Plant Garden was inaugurated by Dr. Nimkar on 16th July 2019. Under the Title Campus to Corporate second session was held on 18th July 2019, was organized in Godrej Marine Ecological Centre, Vikroli. This session was attended by 10 students of The Institute from disciples of Botany and Environmental science along with Dr. Aparna Saraf, Secretary,ISAA. "Potential 2 Performance" by Dr. Razia Manjrekar was held on 21st September 2019. Dr. Razia S. Manjrekar, is the Director of Sunanda Specialty Coating Pvt. Ltd. and a Life Coach for Grow More Coach Model. Solid Waste management program with Bajaj Electricals was held on 25th September 2019. Rotary Garbage Composting Drums were installed at the Institute with an aim to achieve a Zero Wet Garbage generation status. The training for the same was imparted to the students, non-teaching and canteen staff for the same. Prof. Arun D. Sawant enlightened the audience from various streams of science on the topic "Municipal Solid waste management: Waste to Energy ...Global Scenario". Prof. Sawant spoke on commercial importance of waste, which is determined by its calorific value, that is how much energy it can generate he gave statistics of some of the leading cities of India. Alumnus Dr Raj Patil took initiative and conducted a programme where the entire Google team of 6 members took turns to explain the concept of Crowd source to students and faculty. ISAA organized a nature trail at Maharashtra Nature Park (MNP) on 12th October 2019 for the students, alumni and faculty of The Institute. A very informative and thought provoking talk by Prof. Thakkar, President, ISAA and Ex. Controller of Examinations, Shivaji University, Kolhapur. A talk leading to introspection of self as a teacher. The first major event at The Institute during its Centenary Year under HBSU was organized from 2nd to 9th December 2019. The workshop was specifically designed for giving exposure to various analytical instruments at The Institute. Alumnus Dr. Gautam Talukdar, Scientist E Head, Protected Area Networks Wildlife Institute of India conducted a special informal session for students of Botany Department on various ongoing research activities at Wildlife Institute of India (WII), Dehradun.

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)

The Director of the Institute controls the administration and local management through academic and administrative decentralization of routine activities with the help of departmental Heads of individual subjects. Decentralization of the work is done by forming various Statutory and non statutory Committees that help in the participative management. Regular meetings of the Director with the Heads of the Departments and Committee members help in strengthening participatory management process. Agenda, minutes and action taken reports of the meetings are maintained periodically. Director delegates all academic and operational decisions based on discussions with IQAC coordinator and HODs in order to fulfil the visions and mission of the Institute. HODs formulate common working procedures and entrust the implementation of the same with the faculty

members. The faculty members are the part of various committee constituted by the Director and they function to their best ability for smooth functioning of the Institute. They are encourage to display their leadership skill by being made in charge of various committee to conduct academic and extra curricular activities. They are motivated to take the responsibilities as convenor for workshops, conferences, seminars, etc.. The examination cell looks into internal exams and ensure that the time table sent by the varsity is strictly adhere. The research committee ensures that the activity related to Ph. D scholar are carried out in the systematic view. Conduction of the interviews for the selection of Ph.D. students, course work completion and annual work seminars (AWS) are monitored by the research committees. The Institute promotes a culture of participative management by involving all faculty students and non teaching staff in all activities carried out at the Institute.

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
Curriculum Development	The institute of science has become a lead college under the cluster university Dr Homi Bhabha State University on February 2019. All teachers of the institute of science updated and introduced new topics in their syllabus pertaining to a choice-based credit system. The syllabus included ability-enhanced courses, skill-based enhancement courses etc. the syllabus also were framed in such a manner as to expose the students to the research environment by introducing projects and seminars Similarly most of the teachers were nominated on the BOS committee, Examination committee, research committee, etc in their curriculum.
Teaching and Learning	Creative learning methods, students' projects, and e-learning pedagogies. Use of ICT technology for effective teaching. Extended hands to slow-learning students. The mentor-mentee system helps in reaching to different problems of the students individually At the beginning of the session, the basic concepts and fundamentals of each subject are taught to the new entrants. Organizing guest lectures. Organizing study tours, industrial visits, and field visits to expose the students to various sectors of the industry and Vigilance on attendance and academic calendar.
Examination and Evaluation	Internal tests, group discussions, and student seminars are some of the

	methods for internal evaluations. For every paper, 40 of marks are for the internal evaluation of students. It also includes provisions of 5 marks for more than 75 attendance and active classroom participation. Report writing, review writing, preparation of project completion reports, and research proposal writing are some of the prominent features of the evaluation process. Institute now follows the examination pattern of HBSU Mumbai and has an online on-screen marking system and there is a central assessment center in each cluster college of the HBSU.
Research and Development	Faculty and research scholars are involved in RD while PG students are guided for their research projects in the final year list of students • Research grants are procured from various funding agencies. UGC, DST, SARATHI.CSIR,DBT.RAJIV GANDHI, • Maharashtra Government also supports in the procurement of sophisticated instruments required for academic and research purposes.DPDC/STATE GRANTS • Research papers are published in reputed high-impact factor journals. They also participate in National and International conferences to present their research work and deliver invited talks. • Conferences, seminars, and workshops are organized. • Faculty is involved in peer reviewing manuscripts for various reputed high-impact factor national and international journals. Faculty is also involved in reviewing research grant applications as subject experts for funding agencies.
Library, ICT and Physical Infrastructure / Instrumentation	The institution has an adequate number of books, computers, and practical labs, research labs with state of art facilities, internet connectivity with 100 MBPS line, wifi connectivity, sophisticated scientific instruments, and classrooms with ICT facilities. • There is Optical Fibre Cabling on the campus. • In the academic year 2019-20, a total of 601 books worth Rupees 1222457) were purchased by the Institute's Library. • E-journals are available through INFLIBNET. A total of 5900 e-journals and e-books are available in enlist. • Photocopy facility strictly for internal purposes is available. •

	Internet facility for students and staff is available in the library for any online referencing. • Information KIOSKS is available for the students. • Sophisticated instruments are added in almost all the Departments through Government plan and non-plan grants, District Planning Development Committee (DPDC) grants, and various research project grants.
Human Resource Management	It is done through arranging campus interviews, recommending students for industrial jobs, various fellowships abroad, and Ph.D. programs in India and abroad. Students are provided opportunities to undertake research projects in other research establishments for wider exposure. Collaboration letters Industrial visits and excursion tours are arranged for the students. Several committees are established by the Institute to assist in human resource management. Links of reports Institute has student guidance and placement cell to provide information and assistance about various avenues for higher studies and employment opportunities. links • Campus interview facility is provided to the Industrial establishments for the benefit of students.
Industry Interaction / Collaboration	Institute is in collaboration with Pancham Aquaculture for Prawn culture. • Institute has an MOU with the Institute of Chemical Technology, Mumbai for research in Material Sciences. • Institute has also signed MOU with Malkolak Knowledge Centre, CIFE, Mumbai. • Institute has established active interaction with the Tata Institute of Fundamental Research, Mumbai.
Admission of Students	Admission is purely on a merit basis and done in a transparent manner following online procedure. All admission information is placed on the Institute's website as well as on the notice board of the office. All admission-related payments are through a cashless online payment gateway Reservations are strictly followed as per the State Government norms. Admission at the research level is according to UGC and HBS University norms. PET/NET/SET/GATE qualified candidates are admitted for the Ph.D. program after conducting interviews.

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

E-governace area	Details
Planning and Development	The infrastructure is maintained by PWD, DPDC, and state plan grants. Various departments have their academic calendars through which the departmental activities are carried out
Administration	The administrative structure is as per the hierarchical rules laid down under the Maharashtra Public Universities Act – 2016. The MIS is operational
Finance and Accounts	Full-fledged Finance and Accounts office works for financial functions like audits, stores, publications, tendering, scholarships, salary, etc. of the institution. The salaries and transactions of the Institute are done in SEVAARTHnongovernment.
Student Admission and Support	Student admission are online and are purely on merit basis. The reservation norms are also followed strictly.The students are supported by various scholarships including government as well as non government . The research students avail of scholarships such as CSSR, SARTHI, DBT, DST Etc. NSS and Sports Sections.
Examination	Examination work is primarily supervised by Director and the examination committee. Policy decision related to examinations is also taken by this committee. The evaluation of examination papers is carried out online.

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
2019	NIL	NIL	NIL	0
[View File](#)				

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	Title of the	From date	To Date	Number of	Number of

	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
2019	NIL	NIL	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
File Uploaded	Nill	Nill	Nill	Nill

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
40	40	27	27

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Mediclaim facility, Health check-up,	Co-operative Society facility, 2. Mediclaim facility, Health check-up, 3. Group Insurance.	Health check-up, and Group Insurance.

6.4 – Financial Management and Resource Mobilization

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

The institute has both internal and external financial audits regularly. The internal audit is done every year by the Director, of Higher Education, Pune while the external audit is done by the accounts general every 5 years. The objections and scrutiny raised by the audit team were efficiently satisfied and complied with.

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
The Institute of Science Golden Jubilee Trust Fund	31950	Individual for Students

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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**	**NIL**	**No**	**NIL**
Administrative	**Yes**	**Accounts General**	**Yes**	**DHE Pune**

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

NIL

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

NIL

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

The following quality initiatives were carried out at the Institute 1. Establishment of Cluster University Dr Homi Bhabha State University and the Institute as the Lead college of this university. 2. Designing of CBCS structure according to UGC guidelines. 3. Addition of 601 reference books, continuation of N-list subscription, 02 Print International Journals. 4. Addition of sophisticated instruments like Microwave synthesis system, Electrochemical workstation, etc. to various laboratories. 5. Class room cum auditorium Room No. 36 upgraded with Audio visual facility.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	**Yes**
b)Participation in NIRF	**Yes**
c)ISO certification	**No**
d)NBA or any other quality audit	**No**

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	**Solid Waste Management Program in collaboration with Bajaj Electricals**	**13/06/2019**	**13/06/2019**	**13/06/2019**	**32**
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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
International Women's Day Celebrations	**08/03/2020**	**08/03/2020**	**45**	**5**

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
• **Solid Waste Management Program in collaboration with Bajaj Electricals: 13th June 2019 Activity was carried out in collaboration with Bajaj Electricals to survey the solid waste generated by the Institute. • Solid Waste management program with Bajaj Electricals by Mr Kartik Jogi, on 25th September 2019. • Municipal Solid waste management: Waste to Energy …Global Scenario!! by Dr Arun D. Sawant on 27th September 2019 • The Department of Environmental Science organized a two-day event called "Wilderness" in celebration of Wildlife Week on the 4th and 5th of October 2019**

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**0**
Provision for lift	**Yes**	**0**
Ramp/Rails	**Yes**	**0**
Braille Software/facilities	**No**	**0**
Rest Rooms	**Yes**	**0**
Scribes for examination	**Yes**	**0**
Special skill development for differently abled students	**No**	**0**

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
2019	**1**	**1**	**20/02/2019**	**1**	**'National Mathematics Day – 2019" christened SIGMATICS 2020**	**why Mathematics is important in our life**	**75**
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
MCSR: Code of Conduct Professional Ethics	**27/07/1986**	**The Code of Conduct is displayed on the website 2. There is a committee to monitor adherence to the Code of Conduct 3. Institution organizes**

		professional ethics programs for students, teachers, administrators and other staff 4. Annual awareness programs on the Code of Conduct are organized
UGC Regulation	30/06/2010	Nil
Gazette Notification of HBSU	13/02/2019	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Lecture on Article 51 A	05/08/2019	05/08/2019	52

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

1) Waste material disposal: Waste generated after practical work is disposed of as per the guidelines of CPCSEA and Environmental Department Guidelines. 2) Composting pits are used to recycle garden waste. 3) M.Sc. students are encouraged to take small research projects to assess toxicity in the plants, pollution level testing, and heavy metal deposition in the plant leaves and soil. 4) Environmental awareness: Different competitions are organized to increase student awareness so that they can understand various environmental issues Such as Biosafety, Hygiene, Good Laboratory Practices waste disposal practices are part of the development of the work culture. 5) Movement against plastic is also started through various programs on the occasion of Annual day celebrations.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

• The Department of Chemistry, The Institute of Science, Mumbai-32 in collaboration with the National Gallery of Modern Art, Mumbai, Ministry of Culture, Govt. of India organized a national conference titled ''National Conference on Recent Trends in Chemistry''(NCRTC-2020) on 13th and 14th February 2020. sponsored by CSIR New Delhi • Workshop on Analytical Instruments (with Practical Utility) Chromatography, Spectroscopy Material Characterization Organized by The Institute of Science, Dr. Homi Bhabha State University Mumbai in collaboration with the alumni association on 2nd to 9th December 2019 • The National Science Day week was celebrated at the Institute of Science on 28th February 2020 organized a science exhibition in which eight to Ten working models were demonstrated by students in a group and Dr. N. M. Fatangare was invited as a referee to evaluate the exhibit. On 29th February 2020, we organized an Essay competition in which 28 students participated. On the occasion of National Science Day, The Institute of Science, Mumbai organized two days of "National Seminar on Advanced Materials -2020 (A special contribution: Woman Scientist)" (NSAM-2020) on the 3rd and 4th March 2020 in collaboration with National Gallery for Modern Arts, Mumbai and was funded by Rajiv Gandhi Commission for Science and Technology, Mumbai and NCSTC, Delhi. The theme for the multidisciplinary seminar was based on 'Woman in Science. On the 3rd March 2020.

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

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

Title: Research environment Goal: To create a conducive environment for undertaking research activities. The context: Ours being a Post-Graduate Institute, research is a major component of our student Development program. The Practice: Internal Research Student Meet is organized so that students can express and exhibit research work undertaken by them. Students are trained through their project work and through various workshops organized by the Institute. Students are also encouraged to attend various conferences, meetings, and workshops. Students are provided access to modern laboratory facilities and instrumentation facilities within and outside the Institute. Evidence of success: This has resulted in many students as well as faculties guiding them presenting their work at national and international conferences. There are also a number of quality publications in good impact factor journals.

Provide the weblink of the institution
https://iscm.ac.in

8.Future Plans of Actions for Next Academic Year

The Institute remains committed to its motto It is good to seek out the causes of things by continuing and sustaining the research and learning activities in the face of the pandemic. With the perils of the pandemic looming significantly the response of our institution to the pandemic was to focus on the online mode of teaching. The efforts would be towards strengthening multiple digital platforms for online curriculum delivery like zoom, google Meet, and Microsoft teams. The Institute would also like to augment physical infrastructure to support these endeavors by creating blended classrooms with digital devices which will smoothen the teaching-learning process. Guest faculty would be invited to deliver talks for staff and students as a capacity-building measure. Audio-visual repositories would be further expanded to provide students with requisite study material and references.