



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		INSTITUTE OF SCIENCE AND TECHNOLOGY FOR ADVANCED STUDIES AND RESEARCH
Name of the head of the Institution		Dr.Nirmalkumar J.I
Designation		Principal (in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02692234955
Mobile no.		9825968242
Registered Email		director@istaradm.co.in
Alternate Email		nirmalkumar@istar.edu.in
Address		Sardar Patel Centre for Science & Technology, Mota Bazaar
City/Town		Vallabh Vidyanagar
State/UT		Gujarat
Pincode		388120

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr.Jigarkumar V Patel			
Phone no/Alternate Phone no.		02692234955			
Mobile no.		9898261951			
Registered Email		director@istaradm.co.in			
Alternate Email		pramukhpri@yahoo.co.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://istar.edu.in/doc/AQAR2017-18.PDF			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://istar.edu.in/doc/2019/AC19-20.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.10	2014	24-Sep-2014	23-Sep-2019
6. Date of Establishment of IQAC			03-Apr-2012		
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	
MICROSOFT OFFICE WORKSHOP FOR NONTEACHING STAFF		30-Nov-2018 2		26	

8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				

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 :

5

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)

KIAZEN INITIATIVE FOR TEACHERS UNDER WHICH ALL TEACHERS ARE PROVIDED TRAINING IN TWO MODULES FOR FOUR DAYS IN A YEAR

SKILL DEVELOPMENT PROGRAMME FOR FINAL SEMESTER STUDENTS

PROMOTED SPORTS AND EXTENSION ACTIVITIES

WORKSHOP ON MICROSOFT OFFICE FOR NON-TEACHING STAFF

ONE DAY WORKSHOP FOR TEACHERS ON 'Effective Educators:Principles and Practices'

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
TEACHERS TRAINING	ALL TEACHERS ATTENDED FOUR DAYS TRAINING PROGRAMME COMPRISING OF TWO MODULES: 1. STUDENT PARENTING 2. DOMAIN TRAINING
3 DAYS INSTRUMENTATION TRAINING TO FINAL YEAR STUDENTS AT SICART	FINAL YEAR STUDENTS OF IC,OC,SCT,PST,MIHS AND EST HAVE TAKEN

	TRAINING ON VARIOUS INSTRUMENTS AT SICART
TO ENCOURAGE STUDENTS PARTICIPATION IN SPORTS ACTIVITY	WON ONE NATIONAL CHAMPIONSHIP IN JUDO & CHAMPIONSHIPS IN SEVERAL EVENTS AT THE UNIVERSITY LEVEL
TO ENCOURAGE AND ORGANIZE MORE EXTENSION ACTIVITIES	ORGANIZED ONE 7 DAYS ANNUAL CAMP AND NUMBER OF OTHER EXTENSION ACTIVITIES
PERSONALITY DEVELOPMENT PROGRAMME	ALL STUDENTS HAVE PARTICIPATED
CAMPUS PLACEMENTS	MORE THAN 50 ORGANIZATIONS HAVE RECRUITED AROUND 250 STUDENTS OF ISTAR BY ON CAMPUS AND OFF CAMPUS PLACEMENT DRIVES

14. Whether AQAR was placed before statutory body ?	Yes
--	-----

Name of Statutory Body	Meeting Date
BOARD OF MANAGEMENT, ISTAR	03-Jan-2019

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	2019
--------------------	------

Date of Submission	17-Jan-2019
--------------------	-------------

17. Does the Institution have Management Information System ?	Yes
--	-----

If yes, give a brief description and a list of modules currently operational (maximum 500 words)	ISTAR IS HAVING ITS OWN INDEGENOUS (DEVELOPED BY OUR OWN FACULTY) MIS. UNDER WHICH THE FOLLOWING MODULES ARE OPERATIONAL: 1. Email(Principal, HoDs) 2. Students attendance 3. Course materials/ppt 4. Students feedback 5. Library ebooks
--	---

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

Academiccalendars provided by the University and accordingly academictime table for each program is prepared by the Institute. Suggestions of HoD and principal

are taken for implementation of teaching plan. Deployment action plan is described below.

- The department timetable committee plans the schedule for teaching process according to UGC and State Government Resolution.
- CBCS system is followed and students are given freedom for selecting the elective subjects from a given pool of subjects.
- The Heads of Departments allot teaching duties as per UGC norms initially, If required, teachers available in the department are given few more lectures for the successful completion of the syllabus.
- To adjust the work load of staff on leave, all teaching and non-teaching Staff have to mention adjustment of duty in the leave report
- In some instances, where the management has sanctioned posts but appropriate candidate is not available, Ad-hoc teachers are appointed by the management.
- During the departmental meetings, the head of the department takes feedback from all staff members regarding the details of syllabus completed and it is ensured that at least 40 % syllabus is completed before the internal examinations.
- Students are given project assignments for demonstrating their learning outcome.
- Guest faculties and alumni are regularly invited for expert talks
- Curriculum based workshops and seminars are conducted
- Institute teaching - learning model includes class room teaching, webinars, seminars, project work, field visits, assignments, group learning, Invited talks by expert faculty and alumni, remedial classes, educational tours, visits to research laboratories and industries, Soft skills and personality development, interview / job preparation.

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
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Dates of Introduction
No Data Entered/Not Applicable !!!	

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	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!	

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

	Certificate	Diploma Course
Number of Students	77	22

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
No Data Entered/Not Applicable !!!		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
MSc	279

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

STUDENTS FEEDBACK WERE OBTAINED ONLINE AT THE END OF EACH SEMESTER AND WAS ANALYSED BY IQAC. THE TEACHERS WITH LOW GRADES WERE COUNSELLED PERSONALLY FOR THEIR WEAKER AREAS BY PRINCIPAL AND IQAC COORDINATOR. PARENTS FEED BACK WERE TAKEN ON OPEN HOUSE DAY. ALUMNI FEED BACK WERE TAKEN ON ANNUAL ALUMNI MEET AND MANAGEMENT FEED BACK WERE TAKEN ON BOM MEETING

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Number of seats available	Number of Application received	Students Enrolled
MSc	580	494	327
MSc	580	494	327

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
2018	0	327	0	25	0
2018	0	327	0	25	0

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
25	25	25	17	0	7
25	25	25	17	0	7

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

Students mentoring system is available in the institution. A group of average 27 students assigned to one Teacher Mentor.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
670	25	1:27

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
23	20	3	0	18

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
2018	DR.NIRMALKUMAR J.I.	Principal (in-charge)	BEST THESIS AWARD
2018	DR.NIRMALKUMAR J.I.	Principal (in-charge)	SIRF 4STAR RATING
2018	DR.NIRMALKUMAR J.I.	Principal (in-charge)	BEST THESIS AWARD
2018	DR.NIRMALKUMAR J.I.	Principal (in-charge)	SIRF 4STAR RATING

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	ALL	1,3	26/11/2018	28/12/2018
MSc	ALL	2,4	15/04/2019	30/05/2019
MSc	ALL	1,3	26/11/2018	28/12/2018
MSc	ALL	2,4	15/04/2019	30/05/2019

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

- Syllabus, scheme of courses, question paper pattern along with marks distribution, pattern of theory examination and scheme of assessment for practical examination are informed to all the students well in advance.
- Subject seminars and assignment are the part of internal evaluation
- Department also conducts weekly test and internal test as per prescribed schedule.
- Open house is conducted every year where parents can see the answer books of their wards

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

Academic calendar is prepared in the beginning of every year as per university academic calendar and is strictly followed for organizing of various curricular, cocurricular activities, extra curricular activities, training and

placements, internal and external exams.

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://istar.edu.in/cplan.htm>

<http://istar.edu.in/cplan.htm>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
IC	MSc	69	69	100
SCT	MSc	69	66	96
PST	MSc	17	17	100
OC	MSc	44	44	100
MV-RE	MSc	28	28	100
MV-PM	MSc	10	10	100
IHS	MSc	15	15	100
IT	MSc	22	20	90
EST	MSc	41	41	100
INST	MSc	11	11	100
IC	MSc	69	69	100
SCT	MSc	69	66	96
PST	MSc	17	17	100
OC	MSc	44	44	100
MV-RE	MSc	28	28	100
MV-PM	MSc	10	10	100
IHS	MSc	15	15	100
IT	MSc	22	20	90
EST	MSc	41	41	100
INST	MSc	11	11	100

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)

No Data Entered/Not Applicable !!!

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
No Data Entered/Not Applicable !!!				

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
No Data Entered/Not Applicable !!!		

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
Gold Medal Award of Bharat Ratna Dr. Sarvepalli Radhakrishnan	DR.NIRMALKUMAR J.I.	Global Education Progress and Research Association (GERPA), Chennai.	22/09/2018	Education and Research
Best M.Sc. Thesis	Mayurika Rohit Prof. Dr. Nirmal Kumar	GCPC MoEFCC, Gandhinagar	28/02/2019	BEST THESIS M.Sc
Best Ph.D. Thesis	Dr. Dhruvi S. Patel Prof. Dr. Nirmal Kumar	GCPC MoEFCC, Gandhinagar	28/02/2019	BEST THESIS PH.D
Oral Presentation	Dr. Kavita Thakur	Science Excel2018	20/09/2019	ORAL PRESENTATION
ORAL PRESENTATION	MR.JAGRAT SEVAK	SCIENCE MANTHAN 2019, CHARUSAT UNIVERSITY	05/01/2019	ORAL PRESENTATION
ORAL PRESENTATION	MR.HEMANT MALI	NATIONAL CONFERENCE ON MEDICINAL CHEMISTRY, V.P.SCIENCE COLLEGE, VALLABH VIDYANAGAR	28/01/2019	ORAL PRESENTATION

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
No Data Entered/Not Applicable !!!					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1000		

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

Name of the Department	Number of PhD's Awarded
EST	2
PST	1

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)
National	EST	2	0.8
National	SCT	1	0.8
International	EST	14	1.2
International	IC	2	1.0
International	SCT	4	1.9

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
EST	2
IC	1

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
No Data Entered/Not Applicable !!!						

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
An Evaluation of Air Pollution Tolerance Index and Anticipated Performance Index of Some Tree Species Considered for Green Belt Development: A Case Study of Nandesari Industrial Area, Vadodara, Gujarat, India	Dhruti Patel, J. I. Nirmal Kumar	Open Journal of Air Pollution, 7: 113	2018	4	4	ISTAR

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	15	4	10
Resource persons	1	2	1	3

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
YOGATRaining FOR TEACHERS	Art of Living Organization, Anand Chapter	2	0
Thalassemia Blood Donation Awareness Session	Dr.Isha Desai, NVPAS, CVM	10	200
BLOOD DONATION CAMP	RED CROSS, ANAND AND LIONESS CLUB, V.V.NAGAR	15	82
THALASAMIA CHECKUP CAMP	INDIAN RED CROSS, AND CVM	15	174
SWACCHH BHARAT ABHIYAN WEEK	NSS, ISTAR	15	200
ANNUAL NSS CAMP	NSS, ISTAR WITH S.P.UNIVERSITY	4	39

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
No Data Entered/Not Applicable !!!			

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
HEALTH AND HYGIENE OF WOMEN	WOMEN DEVELOPMENT CELL, ISTAR	SEMINAR	3	50

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
No Data Entered/Not Applicable !!!			

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	Name of the	Duration From	Duration To	Participant
-------------------	--------------	-------------	---------------	-------------	-------------

	linkage	partnering institution/ industry /research lab with contact details			
RESEARCH PROJECT	INSTITUTEIND USTRY	AAHAN CHEMICALS P.LTD	10/12/2018	15/03/2019	12 STUDENTS OF IC DEPARTMENT

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
Gujarat Cleaner Production Centre (GCPC), Gandhinagar	17/09/2018	GREEN AUDIT AND ASSESSMENT	2

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
1689063	1200665

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

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
SOUL	Partially	2.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10907	4127929	50	19300	10957	4147229
Journals	5	4220	3	6750	8	10970

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	Platformon which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	140	2	1	1		1	10	9	
Added									
Total	140	2	1	1	0	1	10	9	0

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

9 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
No Data Entered/Not Applicable !!!	

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
40212	40212	1096337	1672508

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)

INSTITUTE HAS ITS OWN LABORATORIES, LIBRARY, SPORTS ROOM, COMPUTERS AND CLASS ROOM WHICH ARE ALLOTTED TO DIFFERENT DEPARTMENTS, COMMON FACILITIES ARE USED ON SHARING BASIS BY NOTIFYING TO THE CONCERN INCHARGE. SPORTS COMPLEX OF MANAGEMENT IS USED BY SOUGHTING THE OFFICIAL PERMISSION FROM THE MANAGEMENT

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	CVM SCHOLARSHIP	141	6611000
Financial Support from Other Sources			
a) National	INDUSTRY SCHOLARSHIP AND GOVT. SCHOLARSHIP	38	1876000
b) International	AIST JAPAN	2	500000

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
Bridge Courses(IT DEPARTMENT)	03/07/2018	20	istar

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
2018	career counselling and campus placements	90	250	3	214

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
LUPIN LTD. ZYDUS CADILLA CBCC GLOBAL CLIANTHA RELIANCE INDUSTRIES BHARUCH ENVIRO INFRA Piramal Enterprises Limited Discovery Solutions Oxygen Healthcare Research Pvt. Ltd. Reliance Industries Ltd., Jamnagar OlaxPharma Labs Bharuch	529	164	ROYAL CASTOR INDOFILLS PI INDUSTRIES AARAV CHEMICALS CTX LIFESCIENCES Celestis Pharma ceuticals Pvt. Ltd Arcoy Industries, Ahmedabad Panache Greentech Solutions Pvt Ltd, Vadodara R V Enterprise, Vapi Anupam Rasayan Ltd Balaji Wafers Pvt Ltd Adani	91	55

Enviro Infra			Por		
--------------	--	--	-----	--	--

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
2018	4	MSc	EST	Waymade college of education	BEd

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	Reg no/ Rollno for the examination
NET	3	103379 122582 114898

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Badminton (Singles Doubles) Boys Girls	interclass	72
Volley ball (Boys)	interclass	56
Table Tennis (Singles Doubles)	interclass	8
Cricket	interclass	132
Football	interclass	32
Chess(Boys Girls)	interclass	25

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
2018	national judo championship	National	1	0	407	Kashyap goswami

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students council is formed of all class representatives. It works uncer madhyasth samiti of college whose president is principal and vice president is a senior teacher. Student council elects/selects general secretary and various secretaries like cultural, sports and extension secretary to organize and conduct various activities. Students council plans, organize and execute various curricular, courricular, extra curricular and extension activities during the year under supervision of vice president of madhyasth samiti.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

• YES The college has an Alumni Association and it is managed by alumni committee. The alumni members who helped throughout the year in academics, research, training and placements are identified and given best Alumni award every year in all courses offered in ISTAR. • Alumni students deliver lectures every year in all subjects • Some Alumni who are working in industry instrumental in providing scholarships and awards to students. ALUMNI COMMITTEE
 No Name of the staff Position 1. Dr. Niraj Patel Coordinator 2. Mr. Baiju Gee Verghese Member 3. Dr. Dhruvi S. Patel Member 4. Dr. Karve Mandar Kapil Member
 • In addition to the alumni association of the institute, some of the departments have their own well established associations. The Industrial Chemistry students have their association named MISA (M.Sc. Industrial Chemistry students association) and members are postgraduate industrial Chemistry students of the department passed out starting from 1992 batch. Get together is conducted once in a year. MISA gives scholarship to economically weak and meritorious students. • An alumni student of the Master of Industrial Hygiene and Safety department runs CIHA (Central Industrial Hygiene Association) since 2004. CIHA is publishing a quarterly journal "Indian Journal of Occupational Hygiene and Safety". Get together is conducted once in a year and International conference is organized by CIHA since last 4 years. • The Master of valuation department arranges annual get together of all passed out professionals of the department working in the field of valuation of real estate plant and machinery. • All these associations are helping in the placement of students in esteemed organizations.

5.4.2 – No. of enrolled Alumni:

1263

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

34682

5.4.4 – Meetings/activities organized by Alumni Association :

ANNUAL ALUMNI MEET AND ALUMNI EXPERT TALKS

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)

Faculty and students of the institute. The head of the institute and faculty members are allowed to participate in national /international conferences and workshops for knowledge upgradation. Principal: Principal holds regular meeting with the Heads of the Departments of the institute to discuss and plan strategies about various programmes conducted by the institute. Collective planning is done for implementing policies. Initiatives are taken by the principal for development of liaison with academic research institutes, scientists, industry and professionals. Principal provides information and guidance regarding education scenario and starting of new courses and upgradation of syllabus. The results of internal and university exams, attendance of students in classes, placement records of the departments, project assignment of students, progress of PDP sessions, requirements of individual departments and outcome of IQAC initiatives are closely monitored by the principal. He is also assisted and supported by the HODs, other faculty and student representatives in effective planning and implementation of activities and policies. He participates in various meetings and discussions forums with management, university, teaching, nonteaching staff and student representatives, relating to curricular, co curricular and extracurricular activities. Department Faculty: The Head of departments are the intermediates

between the departmental staff and the Head of the institute. Departmental meetings are conducted every month and the Head of the department provides the feedback on departmental meeting to the principal. Faculty members of various committee implements policy and plans defined by the management for improving the functioning of the institute. Mentoring students, adopt ICT enabled, interactive and student centric teaching and learning strategies, inculcate research culture among the students, evaluate the performance of students, provide practical exposure, serve as conveners and members of various committees.

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

Yes

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	? Curriculum Development: Curriculum Development activity is carried out in close consultation with experienced academicians and industry experts. On an average after every three years each department updates its syllabus. The latest developments in the technologies in the different domain areas are taught by certificate courses/workshops
Teaching and Learning	? Teaching and Learning: Teaching learning activities are carried out as per academic calendar and the syllabus is completed in the stipulated time period. The ICT Technology is used in teaching learning activities. Teaching methodology involves lectures, tutorials, seminars, practicals, projects, industrial training and report writing
Examination and Evaluation	? Examination and Evaluation: Continuous evaluation technique is employed in which weekly tests are conducted for every subject and internal exams are taken for theory as well as practicals. Students are also evaluated by seminars, assignment writing, quiz etc. University takes semester end exams.
Research and Development	? Research and Development: Faculty members are actively involved in research and development activities in the form of guiding Ph.D, Dissertations, Research Projects, Industrial Testing and Consultancy. Departments also organize various state and national level seminars, conferences and workshops.
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation:

	<p>Library is updated every year by allocating budget to each department for purchasing new books and periodicals. Infrastructure and instrumentation budget is also allocated for purchasing new instruments for the laboratory and to build and renovate the existing infra facility.</p>
Human Resource Management	<p>? Human Resource Management: All permanent staff members are given training related to personality development and subject domain. All are allowed to go to attend refresher orientation courses, seminars, workshops and training programmes. Institute also organizes such training programmes for teaching and nonteaching staff twice a year.</p>
Industry Interaction / Collaboration	<p>? Industry Interaction / Collaboration: ISTAR as an institute has a good name and fame in the industries of Gujarat and India. International campus placements are also arranged in ISTAR. All the departments arranges expert talks atleast 34 talks per year by calling industry experts. MOUs have been signed by departments with various industries for placement, training and project work. Industry also offers scholarships to the students of the ISTAR. Every department organizes at least two industrial visits per year. Industrial projects, testing and consultancy are the regular feature of various departments of ISTAR. Industry experts are members of Alumni Association, IQAC, Syllabus designing and updation, exams etc. And hence regularly visits the institute round the year.</p>
Admission of Students	<p>? Admission of Students: Admission counselling is planned and carried out every year by all the departments of ISTAR. Use of social media like Youtube, Facebook, LinkedIn, What's App are also use to contact the student community and society for introducing the various courses offered by ISTAR. Admission process is made entirely online and on merit basis. All the norms of UGC/Govertnment related to quota and admission procedures are followed.</p>

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

E-governace area	Details
------------------	---------

Administration	? Administration: Administrative work has been initiated from the teaching staff by email among the staff and to the students.
Finance and Accounts	? Finance and Accounts: The finance and accounts are done on the Tally Software. Board of Management reports are all generated using various account softwares and circulated by Email.
Student Admission and Support	? Student Admission and Support: The admission of the students are done through online on Merit basis from the University. Every year the university makes advertisement through print media regarding the admission process. Those students approaching the college are also guided regarding the programmes and in case helped by the college in filling up the forms. Students of the institute are supported to develop various important soft skills essential for career development viz. Personality development programmes, sports and extension activities, technical seminars and debates on current affairs, campus interview training, various certificate courses etc. Students are also guided for competitive exams by some departments and for career counselling by all the departments. Campus placements are arranged every year by all the departments and more than 95 of the students who are willing to do job gets placement from the ISTAR.
Examination	UNIVERSITY EXAM SYSTEM STARTING FROM FILLING OF EXAM FORMS TO RESULTS ALL EXAMS RELATED ACTIVITIES ARE ONLINE. EXAMINATION REMUNERATION BILLS OF EXAMINERS ARE ALSO GENERATED 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	NA	NA	NA	0

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	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
------	---	--	-----------	---------	---	---

	organised for teaching staff	organised for non-teaching staff				
2018	KIA INITIATIVE FOR TEACHERS	MICROSOFT OFFICE	29/10/2018	30/10/2018	20	26

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
No Data Entered/Not Applicable !!!				

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
LIFE INSURANCE	LIFE INSURANCE	NA

6.4 – Financial Management and Resource Mobilization

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

INSTITUTION CONDUCTS INTERNAL FINANCIAL AUDITS BY MANAGEMENT AUDITORS. EXTERNAL AUDIT IS CONDUCTED BY CHARTERED ACCOUNTANT EVERY YEAR
--

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
NA	0	NA

6.4.3 – Total corpus fund generated

00

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		Yes	CVM
Administrative	No		Yes	CVM

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

NA

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

SUPPORT STAFF IS TRAINED BY TRAINING PROGRAMMES CONDUCTED AT ISTAR AS WELL AS
--

AT OTHER COLLEGES OF OUR MANAGEMENT

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

1. ONLINE ATTENDANCE OF STUDENTS 2. ONLINE FEEDBACK OF STUDENTS 3. ONLINE ADMISSIONS AND EXAM APPLICATIONS 4. CERTIFICATE COURSES 5. INSTRUMENTAL TRAINING AT SICART FOR FOURTH SEMESTER STUDENTS

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
2018	FACULTY TRAINING PROGRAMME	29/10/2018	29/10/2018	30/10/2018	22
2018	NON TEACHING TRAINING PROGRAMME	30/11/2018	30/11/2018	01/12/2018	26
2019	PERSONALITY DEVELOPMENT PROGRAMME FOR FOURTH SEMESTER STUDENTS	06/02/2019	06/02/2019	06/02/2019	60

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
No Data Entered/Not Applicable !!!				

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

<p>Percentage of power requirement of the University met by the renewable energy sources</p> <p>LED lamps fitted in place of normal tube lights, four / five star ACs, water meters fitted to save waters, number of stickers or banners related to Environmental Consciousness TREE PLANTATIONS, ENVIRONMENT DAY CELEBRATION</p>
--

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
Rest Rooms	Yes	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
------	--	--	------	----------	--------------------	------------------	--

No Data Entered/Not Applicable !!!

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

Title	Date of publication	Follow up(max 100 words)
-------	---------------------	--------------------------

No Data Entered/Not Applicable !!!

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
----------	---------------	-------------	------------------------

No Data Entered/Not Applicable !!!

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

Eco club and its activities to celebrate environmental activities round the year. Conducting Green Audit assessment to not only to ISTAR but also all the institutions of CVM about 35 Rainwater harvesting systems, My campus and Green campus initiative. LED lamps fitted in place of normal tube lights, four / five star ACs, water meters fitted to save waters, number of stickers or banners related to Environmental Consciousness TREE PLANTATIONS, ENVIRONMENT DAY CELEBRATION

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. INDUSTRY INSTITUTE INTERFACE: EACH DEPARTMENT OF ISTAR ORGANIZES VARIOUS ACTIVITIES LIKE EXPERT TALK, SEMINAR, WORKSHOP, FIELD TRIP, CONSULTANCY, RESEARCH PROJECT ETC WITH THE HELP OF INDUSTRIES. IN SUCH EVENTS INDUSTRY HELPS IN VARIOUS WAYS LIKE PROVIDES EXPERTS, PROVIDES INFRASTRUCTURE FOR TRAINING AND RESEARCH, PROVIDES FINANCIAL SUPPORT IN ORGANIZING SEMINARS ETC. 2. CAMPUS PLACEMENTS: EACH DEPARTMENT OF ISTAR ORGANIZES CAMPUS PLACEMENTS(ON AND OFF) EVERY YEAR. VARIOUS DEPARTMENTAL HEADS AND FACULTY MEMBERS COORDINATE THEIR CAMPUS PLACEMENT DRIVES WHICH INCLUDES CONTACTING THE VARIOUS INDUSTRIES, INVITING THEM FOR CAMPUS PLACEMENTS, IMPART TRAINING FOR CAMPUS INTERVIEWS TO STUDENTS.

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

<http://istar.edu.in/IC/placement.htm>

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

ISTAR IS COMMITTED TO IMPART QUALITY EDUCATION IN THE FIELD OF SCIENCE AND TECHNOLOGY. WITH ITS THIS MISSION ISTAR IS SUCCESSFUL IN GENERATING MORE THAN 10,000 ALUMNI WHO ARE GAINFULLY EMPLOYED IN VARIOUS REPUTED ORGANIZATIONS AND ARE RUNNING THEIR OWN ORGANIZATIONS. ISTAR HAS MADE ITS NAME IN VARIOUS INDUSTRIAL HOUSES OF THE STATE AND COUNTRY. ISTAR HAS ESTABLISHED ITS NAME IN IMPARTING QUALITY EDUCATION IN VARIOUS POST GRADUATE PROGRAMMES WHICH ARE

APPLIED AND HIGHLY JOB ORIENTED. This is the only kind of institute which offers 10 highly professional and job oriented programmes at P.G Level in the entire state offering state of Art of facilities and cutting edge or research with quality education system. Some courses are unique even in the country. ISTAR has a very good industry interactions and campus placements. All chemical sciences programmes offers 100 placements and others offers around 70 to 80placements every year.

Provide the weblink of the institution

<http://istar.edu.in/index1.htm>

8.Future Plans of Actions for Next Academic Year

Submitting research proposal to various funding agencies in various domains of research for financial assistance Training students to participate in various techno events in regional and national levels.