



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

SHAH AND ANCHOR KUTCHHI
ENGINEERING COLLEGE

- Name of the Head of the institution **DR.BHAVESH PATEL**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **02225580854**
- Mobile no **9820021466**
- Registered e-mail **shahandnanchor@sakec.ac.in**
- Alternate e-mail **principal@sakec.ac.in**
- Address **Mahavir Education Trust
chowk,W.T.Patil marg,Chembur**
- City/Town **Mumbai**
- State/UT **Maharashtra**
- Pin Code **400088**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Mumbai**
- Name of the IQAC Coordinator **DR.REKHA RAMESH**
- Phone No. **02225580854**
- Alternate phone No. **9820759833**
- Mobile **9869430961**
- IQAC e-mail address **iqac@sakec.ac.in**
- Alternate Email address **rekha.ramesh@sakec.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://www.shahandanchor.com/home/naac/>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.shahandanchor.com/home/wp-content/uploads/Academic-calander-first-half-2022.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.16	2021	20/10/2021	19/10/2026

6.Date of Establishment of IQAC

03/01/2019

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	0

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year 02

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? No

- If yes, mention the amount

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

1) Successfully achieved NAAC Accreditation with Grade 'A' (3.16CGPA) in the Cycle 1 2) Significant faculty members implemented innovative T-L practices in their classroom 3) Increase in the number of copyrights by the faculty members and students by the sincere efforts of IPR cell. 4) Establishment of NSS unit in the institution with the aim of developing student's personality through community service. 5)4) Rigorous training sessions conducted for students on aptitude, technical skills, soft skills, etc. by the training and placement cell.

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

Plan of Action	Achievements/Outcomes
1) Apply for NAAC Accreditation	Obtained achieved NAAC Accreditation with Grade 'A' (3.16CGPA) in the Cycle 1
2) Motivate and Train faculty members to adopt innovative teaching learning by seminars and hands -on workshops	Conducted a webinar on Innovative practices in Teaching and Learning by Industry and academia experts. Significant faculty members implemented innovative T-L practices in their classroom.
3) Increase the IPR of the institution in terms of quantity and quality.	workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship. 2 patents filed and published. 41 copyrights registered
4) Establishment of NSS unit in the institution with the aim of developing student's personality through community service.	More than 20 events (seminar and field events) conducted under NSS

13. Whether the AQAR was placed before statutory body? No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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6.Date of Establishment of IQAC		03/01/2019			
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
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8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Nil	Nil
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-21	18/01/2022
15.Multidisciplinary / interdisciplinary	
16.Academic bank of credits (ABC):	

17.Skill development:	
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
20.Distance education/online education:	
Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	285
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	1905
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	00
File Description	Documents
Data Template	View File

2.3	550
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	122
Number of full time teachers during the year	
File Description	Documents
Data Template	No File Uploaded
3.2	173
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	40
Total number of Classrooms and Seminar halls	
4.2	667.1347
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1056
Total number of computers on campus for academic purposes	
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
SAKEC is affiliated to University of Mumbai and adheres to its	

curriculum. The institute has a well-structured mechanism for curriculum delivery and monitoring. Due to Covid-19 pandemic, we at SAKEC continued delivering the curriculum online using Microsoft teams. At the beginning of semester, the academic calendar is prepared aligned with the academic calendar of the University and it is disseminated. Every faculty maintains their faculty diary wherein record of each lecture is maintained and it is checked by senior faculty. Due to online curriculum delivery many faculties included various ICT tools during lectures. Internal Assessment test were taken online through Google Form. Beyond curriculum experiments are conducted and students are encouraged to undertake real world problem statements for their mini-projects to bridge the gap between industry and academic curriculum. The institute conducts various events and facilitates in-house and outside internship opportunities to provide students a practical perspective on the world of work. Students participate in various national and international level competitions such as Data Mining Cup, Deep Blue Hackathon, etc.

All department organizes departmental advisory board meetings every year and its suggestions are implemented.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the beginning of each term academic calendar is prepared by academic dean . All the academic activities strictly adhere to the calendar Course allotment to teachers is done prior to the start of the term. Time table is prepared before well in advance .ICT based teaching is encouraged in the institute .SAKEC is an ISO 9001:2015 certified institution. All faculty maintain faculty dairy wherein weekly and day wise planning of lectures, lab experiments, students projects, etc. are done as per the academic calendar. The planning and conduction of all academic activities are audited through Internal ISO audit . Monitoring of lectures and labs and faculty diary checking are done by senior teachers .

Internal assessment tests are scheduled and conducted as per academic calendar. Institute plans and conducts remedial lectures

for identified weak students . Meetings with mentors and parents are conducted regularly.

Project based learning is encouraged for all the courses in the curriculum, which helps in continuously monitoring the progress of students.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

6

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

16

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1927

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

- The institute encourages and takes various initiatives to create awareness about important issues such as Gender, environment and Human Values. This helps to inculcate empathy and compassion towards lessprivileged people in our society and make them better human beings.

- The curriculum includes courses such as Environmental Studies, Professional communication & Ethics, Business communication & ethics, Cyber security, and IPR which address the issues of environmental sustainability & professional ethics.
- Self defense workshops for women are regularly conducted. The institute ensures a safe environment for women on campus and supports gender equality in staff recruitments too.
- "Tree Plantation" events are also conducted as an act to give back to the nature.
- Student Induction Program was conducted for newly admitted students in 2020 -2021 academic year in the online mode . The program focused on inculcating human values in students, and made them aware about usefulness of engineering knowledge for societal benefit.
- HELP KERALA CAMPAIGN, SWACHH BHARAT DAUD "CONSERVATION OF WATER THROUGHOUT MAHARASHTRA" are some social aspects carried out with various NGO
- Research Cell in collaboration with Indian Development Foundation, Bennett University, RotiBank Mumbai, Bombay Leprosy Project (BLP), Waggy Tails Private Limited and Digital Freedom Foundation (DFF) had developed numerous projects for societal benefits.
- Events organized under SAKEC-NSS are Webinar on Prevention of COVID-19, Preventive Vigilance and Road Safety, celebration of Constitution day and Parakram Diwas, Blood donation camps etc

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

68

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

250

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://www.shahandanchor.com/home/wp-content/uploads/1.4.2-Action-taken-report-merged.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.shahandanchor.com/home/wp-content/uploads/1.4.2-Action-taken-report-merged.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

564

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of

supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

0

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Institute has developed well-defined procedures for overall monitoring, evaluating, improving and catering diverse students according to diverse learning needs. Efforts are taken to make teaching-learning processes effective and interactive.

Efforts for Identifying Students' Learning Levels:

- Self-assessment during Induction Program through quizzes based on pre-requisites.
- Key indicators to assess learning levels:
- Student performance in
 - End-semester exam
 - Internal Assessments
 - Quizzes, Assignments, Game-Pedagogy, Mini Projects, Beyond Syllabus Experiments
 - Pre-Placement trainings
- Mentors identify learning abilities based on academic performance, participation in various activities, behavioural, psychological and social aspects.

Programs for Slow Learners:

- Remedial sessions to help students perform better in examinations. Special care for lateral entry students in semester-III.
- Examination-oriented coaching, well-formulated notes and practice questions clear concepts on any topic.
- E-books and subject-related videos.

- Divyang students provided extra time during written examinations.

Programs for Advanced Learners:

- Digital library
- Developing critical skills through thought-provoking questions
- Challenging projects
- Sessions to prepare for competitive exams
- Encouragement for participating in state and national-level competitions, securing university-level ranking, MOOCs, paper publication, internships, enrolling in professional bodies and student chapters

Outcomes:

- Improved overall passing percentage
- Increased number of
- High-performing students
- Competition winners.
- Admissions in premier National and International Institutions.

High-paying placement

File Description	Documents
Paste link for additional information	https://www.shahandanchor.com/home/wp-content/uploads/2.2.1_Additional-information.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1905	122

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

SAKEC strongly believes in learning through experience for the improvement of students in all aspects. Hence, the institute practices various student centric methods for effective learning and provides the infrastructure accordingly to enhance the overall learning environment.

[A] Experiential Learning: Process of learning through hands-on experiences.

- Practical implementation of theoretical knowledge learned in the classroom.
- Institute organizes various workshops/training and competitions for students under various chapters/ professional bodies.
- Institute provides internships to students and facilitates them to work on industry projects.

[B] Participative Learning: Teachers and students together create a trusting and innovative learning environment and make use of a variety of teaching methods.

- Students Council formulate various student committees for planning and conducting sports, cultural and technical events.
- National and International industrial visits are organized for students to enhance their interpersonal skills.

[C] Problem Solving: Institute encourages teachers to incorporate activities that enhance problem solving skills of students.

- Students are encouraged to participate in inter and intra college project competitions/ exhibitions.
- MOOC certifications courses are promoted by the Institute.
- Each student has to complete the levels of interactive "Linguaphone iLotus L21" software to improve their communication skills.
- Institute has a well equipped library with adequate books and e-resources.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.shahandanchor.com/home/wp-content/uploads/2.3.1.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT tools are used by faculty for effective teaching-learning. Use of ICT enabled tools has a significant and positive impact on students' achievements.

A Teaching Learning Center at SAKEC is formed in 2019.

Following are the innovative initiatives undertaken by SAKEC faculty members for improving teaching and learning experience.

- Each department has dedicated smart classrooms to make the teaching learning process more interactive.
- Flipped Classroom, Think pair share and peer instruction are adopted for effective teaching and learning.
- Faculty members are encouraged for online courses to stay updated technologies and advanced teaching process
- Facilitating students for various Project Competitions is an integral part of our college culture. Students regularly participate in national level project competitions and Robotics and Embedded System contest link hackathons, e-Yantra.
- Microsoft Teams and Google Classroom is used by faculty members to conduct online lectures, assessments and to share learning resources during Covid-19 pandemic situation.
- Digital library base assignments promote self- learning of students.
- Urkund Software is used to check the plagiarism of the technical paper and report written by students.
- Institute promotes the faculty participation in STTP/FDP especially on ICT Tool and Techniques.

Industrial visits help students to get insight into industry culture and trends.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

110

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

122

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

16

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1382

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The process of conducting assessment internally is a continuous process including Internal Assessment (IA) exam, Term work (TW) and Project reviews and assessment during the semester.

1. Internal Assessment Exam: In a semester, two IA exams are conducted as per the rules of University. IA-1 is conducted in February/August. IA-2 is conducted in April/October. The exam schedule is displayed on the notice board and departmental web pages. The syllabus of IA exam is disseminated to students in the class well in advance. The solution of each question is discussed and the evaluated answer books are shown to students to maintain transparency.

1. Term Work (TW): TW marks are given for each course, mini project and BE project as per Mumbai University norms.

A.For Course: The TW marks given to each student is the weightage of marks obtained from assignments, experiments and attendance as per the rules of University.

B. Mini projects (if any): are subjected to periodic reviews by the committee for continuous assessment followed by final demonstration and report writing.

Final Year Projects: Progress is monitored by the internal review committee fortnightly. The weightage of marks in reviews, quality of report and publications is considered for TW.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.shahandanchor.com/home/wp-content/uploads/2.5.1_2020-21.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

To minimize the occurrence of any examination related grievances, all internal and University examinations are conducted in the Institute in a fair, transparent and time-bound. The examination section ensures confidentiality and security of the examinations. Institute deals with examination related grievances in an efficient way:

1. Before examination: Any grievance related to hall ticket is addressed and resolved by examination section.

2. During examination: To ensure students do not indulge in any unfair means, the examination is conducted under the supervision of Supervisors. The vigilant squad from university and COE take rounds during the examination. If any student is found indulging in any unfair means, action as per the University guidelines is taken. An Unfair Means committee is set up to deal with such cases.

Students may report grievances in question paper, which is then conveyed to university and clarification, is communicated back through proper channel.

1. After examination: In internal examinations, grievances are addressed and rectified by the concerned faculty. In

University exams, after the result declaration, students may raise grievance and apply for revaluation. Subject experts from other colleges do the revaluation.

All other grievances, that require communication with the university, are promptly done with proper documents by the examination section.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.shahandanchor.com/home/wp-content/uploads/2.5.2_2020-21.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Course Outcomes are a comprehensive set of learning goals that are developed across that particular course. They reflect the competencies needed to meet the challenges of that course. COs have been thoughtfully defined for all courses across the various programs being offered.

University of Mumbai has specified the course outcomes for each subject and based on that, the Institute has developed its objectives to improve the efficiency and effectiveness of the course content delivery. While designing it, Bloom's Taxonomy is also kept into consideration.

At the beginning of the semester all courses in charge insure the dissemination of the COs to the students.

In order to improve the quality of teaching and learning, the Institute has also developed Program Outcomes (POs) and Program Specific Outcomes (PSOs). All these are disseminated to the stakeholders through the following channels:

- . Digital Media
 - Institute Website
- Print media

1. Faculty Diary

2. Course File

- Outdoor - Boards at prominent places

1. Instructional Areas(Classrooms)

2. Laboratories

3. Seminar halls

- Administrative Areas- department offices, Faculty rooms
- Activities/Meetings

1. Orientation/ Induction Programme
2. Dissemination at the first lecture
3. Departmental meeting
4. Department advisory Board (DAB) meetings and their suggestions are incorporated.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.shahandanchor.com/home/course-outcome/
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

For outcome based education, analysis and attainment of course outcomes(CO), program outcomes (PO) and program specific outcomes(PSO) is important as it helps to improve the quality of teaching and learning process. The efficiency and effectiveness of the process is continuously assessed and improved by taking inputs from experts in the Department Advisory Board.

For every course, the attainment of COs, POs, and PSOs are calculated using Course attainment calculation sheet considering all aspects of teaching and learning process. The attainment calculations are as follows

1. CO attainment: Calculation of CO attainment is based on the

following components:

[A] Direct Method

1. Internal Evaluation

- Term Work

i. Lab performance

ii. Assignments

iii. Other components(e.g. Quiz, tutorials, case studies etc)

- Internal Assessment Tests

2. External Evaluation

- End Semester Oral/Practical and Theory Examination

[B] Indirect Method

- Course Exit Survey :
- Lab Exit Survey:

2. PO attainment: Calculation of PO attainment is also based on the following components such as

1.Direct Method: The COs of each course are mapped to the POs and final PO attainment is calculated

2.Indirect Method:

- Co-Curricular and Extra Curricular activities
- Literature Survey
- Program Exit Survey

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.shahandanchor.com/home/wp-content/uploads/2.6.2-List-of-POs-and-PSOs.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year**554**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.shahandanchor.com/home/wp-content/uploads/annual-report.pdf

2.7 - Student Satisfaction Survey**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

<https://www.shahandanchor.com/home/wp-content/uploads/Student-Satisfaction-Survey-on-Teaching-Learning-Process-ResponsesAnalysis-1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.51**

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

0

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem**3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

Continuing the endeavors for inculcating the culture of innovation among staff and students, the Institute has implemented and enforced the National Innovation and Startup Policy (NISP 2019). Even during the times of pandemic and lockdown, every effort was being made to encourage students to do something innovative and go beyond the prescribed syllabus. Even though it was not possible to reach the students physically, several programs, talks were organized online and students participated in them in a good number.

In order to make innovation a part of their everyday activity, the efforts were taken on pedagogical level by motivating the students

to take the society relevant problem for solution as their mini and minor projects. The rubrics were designed for awarding marks to the students for their mini and major projects in which there was a special provision for the innovative project idea/implementation and the students were made aware of it right in the beginning of their semester. This learning intervention led to significant improvement in the quality of project ideas students took for their projects. 41 copyrights were registered and 109 research papers were published alone in the academic year 2020-21.

Apart from these additions, certain unique opportunities like Coursera for Campus were extended to the students. It was a special package made available by Coursera to students to continue their learning in the lockdown period for free. Students/staff were able to do any course for free and even apply for the exam. The Institute applied for it and received. More than 500 students took the benefit of the free courses by Coursera.

A project by Master Rohit Gupta in National Innovation Contest 2020 cleared further rounds of scrutiny and mentoring and was selected by MHRD.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.shahandanchor.com/home/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

68

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

107

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

34

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

In order to make students a sensitive human being and responsible citizen, it is necessary to create awareness among them about different social, cultural and environmental issues and their impact on our lives. This awareness becomes more fruitful when they are involved directly in the problem solving process. SAKEC is very well aware of the importance of this aspect of development, and therefore believes that it is an indivisible part of "quality education" mentioned in its vision statement. The Institute organizes different extension activities regularly to ensure the students' development along this dimension. The establishment of the National Service Scheme (NSS) in 2020-21 has made these efforts even more planned, systematic and hence more effective as the programs by NSS are conducted under the guidance of the University and the state Government. 23 out of 26 total extension activities were conducted by the SAKEC NSS unit alone. The activities spanned from simple awareness sessions to blood donation. As it became infeasible to conduct the activities physically because of the pandemic and lockdown, Institute started conducting activities online and every possible effort was made to ensure that this extremely important aspect of students' personality does not left unattended.

The students underwent different online and offline programs like prevention of Covid 19, road safety, Yog Week, importance of diet and exercise, feeding stray animals, world environment day, meditation, eWaste, plastic usage and disposal awareness, tree plantation, vegan outreach, mission compassion etc. Because of NSS, events like parakram diwas were also organized which made the students aware of the glory and highest sacrifice made by the martyrs to ensure the sovereignty of the nation.

File Description	Documents
Paste link for additional information	https://www.shahandanchor.com/home/sakec-nss/
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

6

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

25

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1432

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

297

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

As an important step towards realizing its vision of imparting quality education, the Institute has a state-of-the-art infrastructure in its campus of 6189 sqm. The infrastructure is created as per the guidelines by AICTE and other statutory bodies.

1. **Classrooms:** There are 34 ICT enabled, well-furnished classrooms with good ventilation available out of which 13 classrooms are equipped with smart boards.
2. **Laboratories:** The Institute has 54 well equipped laboratories out of which 33 are dedicated computer laboratories ready with powerful machines and licensed softwares.

3 .**Auditorium:** An high tech auditorium with the capacity of 250+ and fully furnished, modern 06 Seminar halls are used for all technical and cultural activities.

4.**Library:** A well-equipped library maintains 27500 book volumes, 1500 e-book titles and 6 online databases. It is an institutional member of IIT Bombay, Tata Institute of Social Science (TISS) library and National Digital Library.

5.**Other facilities include** - drawing halls, workshop, store room,

placement cell, counselling center, girls' common room, examination section and administrative office.

6.IT Facilities: The institute has a central server with 1056 computing machines in working condition. Institute uses its website, email, SMS and other social media platforms for faster and effective communication.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Being committed to the overall growth of the students, the institute has developed sound infrastructure for exercise and sports. There is a fully air-conditioned and equipped gymnasium, developed in 2015-16 with a 200 sqm area and indoor sports facility. The gymnasium is supervised by a Gym instructor.

Recreation of energy is an important aspect of college life for the students. To give full opportunity to enjoy it, a multipurpose outdoor sports facility is made available to the students to play various outdoor sports. In addition, college utilizes a BMC ground with an area of 3780sqm to satisfy most of the outdoor sports requirements. Utilizing these facilities fully, the SAKEC students have participated in various University, State, National and International level tournaments and won medals.

The International Yoga Day is celebrated in the institute every year on 21st June from 2015. NSS activity is also started for students.

SAKEC annual festival, Pratishtha which is a confluence of Verve, Olympus and Nucleus gives full opportunity to the students to explore and unleash their talents. The 283.76sqm high-tech auditorium established in the year 2012-13 with a capacity of 250+ in the college and nearby Aangan Lawns is also used to conduct cultural activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

36

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

34.2719

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Institute has a very good, spacious, well ventilated and well-furnished library with a huge reading hall, and a large collection of books related to the curriculum, self-improvement and personality development. Library subscribes to a number of national and international journals devoted to technical subjects to help students to keep themselves updated with the latest developments.

The library has a dedicated computer facility for using online resources. Following services are provided in the library: Circulation, Reference, Referral, CD viewing, Online searching.

NVDA (Non-Visual Desktop Access) Screen Reader facility is available in the library. This will enable visually impaired clientele to use the computers/internet. NVDA converts text into a computerized voice. ND LI club is formed in the year 2020-21.

Automation of the Library plays an important role in supporting academic programmes. SAKEC has developed its own In-house ILMS Software called Library. It is accessible to all the staff and students. The functions of this Library Management System are automated. It was updated in December 2019. Circulation module was modified where in staff loan limit can be modified. Updation of library software is done on regular basis. During pandemic remote access is given to Library resources.

Database of all the books is maintained upto date. The Book entry worksheet has the fields for entering Title, Author, Publisher name, Date of publication, Place of Publication, Series details, volume, edition, number of pages, size, bill date, receipt date, ISBN, classification number, number of copies, Branch and availability of associated compact disc.

- Daily issue/return records can be obtained.
- There is a provision for adding the master database of Vendors, Publishers, Fine etc.
- Branch wise book details can be generated.
- Overdue report and overdue letter for students can also be generated.
- Yearly book purchase detail report can be generated.

- Accession register can be generated.
- Barcode printing option is available.
- All the books in the library are barcoded and spine label of the book is also generated.
- Web OPAC linked to ILMS has facility for searching by Author, Title and Keyword.
- It also displays available books and issued books in the library.
- Web OPAC is widely used by the staff and students for searching and locating the books.
- There is a provision for adding the status of the book, like whether it is kept for binding, not traceable, insect infested etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**53.91423**

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year****752**

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

The IT infrastructure is a state-of-the-art infrastructure. It includes several high-end servers, firewalls, workstations, routers, switches and latest versions of premium, licensed software, projectors, laptops, smart boards, printers etc.

Institute has Licensed softwares like Windows Operating System, Oracle 12c, Clementine, Microsoft Teams etc.

The Institute also promotes the use of free as well as open-source software.

Following are some of the premium hardware and software resources available in the Institute:

Server:Institute has three centralized servers out of which main server is used as an application server and two servers are used as a domain server.

Firewall:gajshield 360dci the main firewall to meet the growing security needs.

Router: SAKEC has Cisco router and Leased line for the whole college with 500Mbps internet speed.

Networking Switch:SMC/ Acton Cheetah Switches, SMC EZ /Tiger Switches, DLink switches are used.

Computing Facilities: Institute has computing machines with configuration as i5 processor, 4GB RAM,500GB hard disk, 3.10 GHz CPU speed with licensed operating system.

Internet and Wi-Fi: The campus has internet connection of 500 Mbps bandwidth, providing anytime anywhere access to knowledge and learning resources. In SAKEC all students and staff members are provided with an Email id of 'sakec.ac.in'.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

1056

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in

A. ? 50MBPS

the Institution	
File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)	
4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)	
87.4934	
File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<p>Cleanliness beautifies the campus, makes it delightful and makes focussing on study much easier. Knowing this, every effort is made to make the campus clean and beautiful.</p> <p>The Institute sees to it that all resources in the campus are always up and running. It is made possible by having a robust system and well-defined procedures for maintenance of all facilities. The procedure is followed as below for the maintenance: -</p> <ul style="list-style-type: none"> • The request for maintenance is entered in a register maintained by Estate Manager at the Institute level. • The maintenance schedule is then executed with the support of external agencies. 	

- Emergency maintenance is carried out on priority basis.

a) Routine Maintenance

- Cleaning, Dusting, Sweeping and Mopping of all areas is undertaken daily by contractual housekeeping staff.

b) Preventive Maintenances:

- In preventive maintenances Electrical, AC, Lifts, Water coolers and purifiers, Pest control, Gymnasium, Fire Extinguisher maintenance is done periodically by contractual agency.

The institute has a full-time maintenance engineer for carrying out IT maintenance.

Every laboratory assistant maintains a complete record maintenance in the maintenance Register.

The books are kept in good condition by binding them regularly. Review and discard of obsolete books are carried out periodically.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

788

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

08

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

443

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

443

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

352

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

50

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

31

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

01

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

SAKEC aims for all round development of students and hence has established student council at College level. The primary objective of creating Student Council is to assimilate and integrate the students from all the constituent departments to provide them with a platform to harness their creative activities in an integrated manner. The Student council, being the apex body organizes various activities with the help of the other cells.

Pixel, Nucleus - the technical fest, and Prathistha - the cultural fest are some of the most looked upon events that enrich the experience of students community. During the lockdown period online events were conducted.. Apart from these, we also have events and competitions conducted by the various student-run Cells which keep the students active throughout the year.

Institute organizes industrial visit within india as well as around the globe, where students able to interact with industry expert and get the knowledge of industry operation. Student bodies and coordinator plays crucial role in organizing Industrial visit

successfully. However in this year due to lockdown in various parts of world industrial visit could not be conducted.

SAKEC provides holistic learning experience to develop managerial capabilities of its graduates. It has well defined processes in place to help students develop their leadership and decision-making skills. The various cells/Professional bodies facilitate student development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

10

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The SAKEC Alumni Association registration is in Process. Alumni cell was formed in 2018. Alumni are the valuable/Greatest assets of SAKEC.

SAKEC maintain a strong and affectionate bond with its alumni which helps SAKEC to grow not only in educational field but also socially. SAKEC Alumni guides students for better placement opportunities and Higher studies also Mentorship and Internships.

The key areas where alumni significantly contributes.

1. **Career Guidance:** Alumni plays a crucial role in guiding students to success through active participation in Student Guidance program.
2. **Mentorship:** Alumni cell provide a platform to foster meaningful mentoring relationships between alumni and students.
3. **Internship:** Alumni Plays a significant role in providing Internship to deserving candidates in their organization.
4. **Placement:** Alumni also donate their valuable time to offer career support to current students. This enhances the student's experience and give them edge in today's competitive job market.
5. **Workshop and Seminar:** Institute's various departments in collaboration with Alumni cell conducts different workshop and seminar to guide students in different technical domain.
6. **Alumni Cell:** Alumni cell in SAKEC helps to foster and bridge the interaction between the institute and its Alumni.
7. **Samparka:** SAKEC celebrate Annual Alumni meet "SAMPARKA" every year, this year it was conducted in online mode.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Shah and Anchor Kutchhi Engineering college is managed by the Mahavir Education Trust, the college was established in 1985 with the aim of providing a quality engineering education. The College is approved by AICTE and the Government of Maharashtra and is affiliated with the University of Mumbai. The college is awarded 'A' (3.16 CGPA) Grade by National Assessment and Accreditation Council (NAAC) with effective from 20-10-2021. The Institute was ranked in the 251-300 range by the National Institutional Ranking Framework (NIRF) for 2020 . It is accredited by the National Board of Accreditation (NBA) for the Department of Computer Engineering and the Department of Information Technology for three years and Department of Electronics Engineering was earlier accredited from 2014-15 for two years. SAKEC also has an ISO 9001:2015 certification.

At Shah & Anchor Kutchhi Engineering College, we are committed to imparting state of the-art technical education in the emerging disciplines.

The governance is effective with the collaborative efforts of the Dean, Department heads, IQAC, college development committee who are liable for deciding and ensuring the standard of the institution. Our academic environment and management systems are continually reviewed so that we can provide high quality online education to students during the last and current academic year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

SAKEC has decentralization in all educational and administrative activities. It has diverse educational and administrative committees for easy functioning of the Institute. It has a College Development Committee (CDC) which includes representatives from Management board, Principal, teaching and nonteaching staff. The CDC contributors meet once a year to form specific recommendations to the management about various aspects of the institute like encouraging, strengthening and systematically enhancing the infrastructure and ICT facilities, studies and innovation culture, consultancy and extension activities. The action plan for next year is set .

At the department level, there is a Department Advisory Board (DAB) and a Department Assessment Committee (DQAC). The institute conducts regular meetings of staff with Principal .Conclusions and concepts from the staff are looked for and actualized. Different professional bodies like IEEE, IETE, ISTE, ACM, etc work continuously for the benefit of all stake holders. The research cell, IPR cell, Robo club, placement cell, E cell arrange and execute all the exercises for the year. The institute has well maintained laboratories and an examination section .

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

SAKEC has made perspective plan in the field of teaching, learning accerdtation and research. Plan is preapred by principal by in collaberation with HOD, heads of chapters, cells .During pandemic year 2020-21 online teaching was effectively carried out by online platform microsoft teams. Two newly established departments Artificial intelligence and data science and Cyber security became functional in 2020-21, appointment of new stff members is made for this purpose.

To encourage more staff and students to pursue research, to

improve the quality of teachers and students, our principal planned to establish the Research Cell in the institute, in 2018..

The faculty and students undertake research projects in the areas of science and technology, in collaboration with NGOs, Universities and Industries. In the academic year 2020-21, 18 more projects were added to the already existing 43 projects

Since it's establishment, Research Cell has signed 22 National and 13 International MOUs, 61 projects, 596 papers, 2 patents, 5 interns, and has fetched a total grant of Rs 17,13,972, received by teachers.

NSS(National Service Scheme) unit was also established in October 2020, to encourage social responsibilities among students. Committee for National Innovations and Start-up Policy (NISIP) was also formed.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Shah and Anchor Kutchhi Engineering College is managed by the Management Trust Board and the Governing Body, constituted as per the guidelines of AICTE. The institute follows the norms of University of Mumbai, and the rules set by Government of Maharashtra.

The institution has decentralized its operations and has delegated authority at various levels. Principal takes guidance, directions and approvals from the Governing body and the Management Trust Board for various activities of the Institute. All the heads of department works under guidance of principal which leads to overall development of the institute.

Regular meetings are conducted for various chapters and cells. All

the appointments in the college are conducted as per rules laid down by university of mumbai in a fair and transparent manner. Well defined service rules exist in the institute for all the staff members.

Every department and cell is granted the freedom to conduct activities under it's umbrella, with Principal's guidance.

Service books of all staff members are maintained by the office and accounts section. They are updated on regular basis.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.shahandanchor.com/home/wp-content/uploads/organogram.png
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

A). Common Welfare scheme

1. Conduction of health awareness program Like Yoga session.
2. Availability of councilor to solve psychological problems during Covid pandemic.
3. Encouragement through reimbursement to scholars for MOOC exams.
4. Encouragement for Higher Studies.
5. Availability of Digital library facility with good subscriptions.
6. Availability of recreational activities, Sports & Gymkhana
7. Opportunity to conduct/ attend webinars of IIT Bombay remote centre, IEEE, and AICTE.
8. Conduction of training programs, seminars, workshops, etc. on a regular basis to update skill sets and the core competency.

B)Teaching staff

1. Implementation of PF Facility as per government norms.
2. Implementation of Gratuity for the retiring staff members.
3. Group Insurance.
4. Book Allowance of 1000/- per year.
5. Reimbursement scheme to encourage staff to attain training session, publication of technical paper.
6. Reimbursement for professional membership to encourage the staff for active participation
7. Through Research Promotion Scheme, interested faculty members are given opportunities to work on research projects through various MoUs signed by the institute.

c)Non-teaching staff

1. Implementation of PF Facility as per government norms.
2. Implementation of Gratuity for the retiring staff members

3. Group Insurance.

4. Medical allowance of Rs.3500.

D) Student

1. Facility of insurance

2. Flexibility of Fees Payment in instalments.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

01

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

15

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

80

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Institute effectively uses three systems of Performance appraisal for staff.

[A] Staff Appraisal form:

1) **Teacher Appraisal:** Performance appraisal of all the teaching staff is filled and recorded.

The proper procedure is followed for the same. Scrutinization is done from Head of the Department to the Principal.

2) **Appraisal system for non-teaching staff:** Non-teaching staff performance is evaluated every academic year based on coworker attitudes, staff/student relationships, dependability, attendance/job performance, initiative, response to supervision, method of expression, and related accomplishments. The finest non-teaching staff of the year award is awarded to show appreciation for workers and to encourage others to work with enthusiasm. For non-teaching personnel, there is a different form and procedure.

[B] **Institute Best teacher\staff award for the year:** The institute has established a reward system to motivate teaching and non-teaching personnel by selecting and presenting Best Teacher and Best Non-teaching Staff awards.

[C] **Career Advancement Schemes:** Staff academic successes are rewarded by the institute through career promotion programmes for completion of further education and professional accomplishments. Teachers are evaluated and promoted to higher grade pay on a regular basis depending on the following criteria:

- Completion of M.E, PhD
- STTP and QIP courses
- Patents/Awards received.
- Experience in number of years in same designation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Shah and Anchor Engineering College has a team who conducts the internal audit on a regular basis. The accounts department maintains an appropriate record of all the account statements. Every year college prepares a budget well in advance in which provision is made for all possible expenses and purchases. During budget preparations requirements of various departments, cells are taken into consideration in addition to that of possible hike in salary due to increased DA, Gratuity, and building maintenance. All the expenses throughout year are done as per pre planned budget.

Institute has appointed an external auditor to conduct regular audit, to verify and certify the entire recurring and non-recurring and the Capital Expenditure of the institute every year.

Auditing of all financial transactions are done by in-charges of various chapters such as ISTE, IETE, IEEEE, ACM, CSI. Use of good quality software is made in maintaining all financial records. Regular monitoring of fund flow helps in maintaining the financial health of the college.

So far there have been no major objections from any of the auditors. Minor errors pointed out by the audit team was corrected immediately. Regular monitoring of fund flow helps in maintaining the financial health of the college.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The SAKEC has a well distinct practice for screening active and competent operation of available financial resources for development of infrastructure and academic processes. Management of college takes an active part in this regard. Strong financial position of the trust helps in developments of laboratories, purchase of hi-tech and required instruments and software's. For every academic year, the budget is prepared well in advance after taking into consideration the requirement of every Department. Each department prepares its own budget based on its requirements such as equipment, software, computers, printers, etc for student and faculty activities, research and development in the department, as well as consumables required for the next academic session. Principal puts up the budget in the Governing Body Meeting. After discussion and necessary corrections or modifications, the Governing Body recommends the budget for approval. The budget is reviewed by the management and approved after necessary changes. For an unplanned purchase or any other activity, the institute makes a provision for advance additional funds. The Principal and the Head of Departments discuss the requirements and decide the priorities while allocating financial resources for various purposes and also ensure optimum use of available financial resources. Periodically, the Governing Body monitors the annual expenditure, scrutinizes the budget and provides feedback related to efficient use of financial resources.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC constituted in January 2019, focuses towards the internalization and institutionalization of quality enhancement with the inputs received from IQAC, CDC, DAB, DQAC, Feedbacks from internal and external audits of ISO and others. Following are the examples of two such practices.

Practices 1: Implementation of ICT based Effective and Innovative Teaching and Learning Strategies

The IQAC recommended and promoted the use of ICT tools and techniques and innovative teaching Learning strategies for effective curriculum planning and delivery. The institute facilitated this by taking the following measures

Teachers are deputed for STTPs and workshops on teaching and learning methods.

Active learning strategies are incorporated in classroom teaching.

Students are encouraged to do MOOC courses such as NPTEL, Coursera, spoken tutorials, etc apart from their normal curriculum.

Practice 2: National and International Collaborations

IQAC felt the need to increase involvement in research projects specifically aimed at societal benefits. The research cell of SAKEC has successfully achieved students' and teachers' exposure and presence at national and international forums through MoUs with various companies and NGOs, academic partnership with foreign universities. Following are some of the milestones achieved

10 MoUs (04 National and 06 International)

18 projects with 208 interns (for 2020-21)

41 copyrights and 1 patent

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Institute reviews the teaching learning process and makes improvements periodically. Following are the examples of two such reforms

Example - 1: Reforms in Course planning, execution and delivery

Every semester, individual faculty members maintain a faculty diary that includes overall planning of lectures, lab experiments, result analysis and all other activities related to teaching and learning. Respective course In-charges have to prepare Course Information form for internal Evaluation (CIFIE) which provides details of CO, its mapping with POs and PSOs, assessment methods along with its weightages for each module. With the departmental information system (DIMS) task related to attendance management, result analysis of internal exams are automated, it also facilitated keeping mentor records and their progress.

Example - 2: Planning, execution and evaluation of major project

The well documented and standardized procedure adopted for planning, execution of the final year project in our institute is the result of striving towards perfection resulting in continuous improvement over the years.

During semester six itself students are instructed to form a group and select the area of interest for the final year project. As per the project area, suitable guides are allotted to each group.

Teachers along with students maintain a project log book for each group throughout the final year till they complete their project.

Project review committees are formed at the beginning of semester

seven. Periodic reviews are scheduled to assess timely progress of the project work.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Institute has initiated to promote gender equity by conducting different activities.

NSS SAKEC has organized different webinars like "Fitness Drive", "Yoga Week", "Importance of Diet and Exercise", "Cyber storytelling" and "Prevention on COVID-19.

SAKEC-ACM-W Student Chapter in collaboration with IT Department

had organized a session on "Becoming Winning Women".

Computer Engineering Department in collaboration with Cadila Pharmaceutical has organized a webinar on #MADEOFIRON for girl students.

Institute has the following facilities for women.

- **CCTV facility:** The institute has CCTV facility in classrooms, laboratories, library, corridors at each floor for monitoring and security purposes.
- **Female security guard-**The institute is encouraging to appoint female security guards. Her role is to check ID cards of Staff and Students for safety purpose.
- **Girls Common Room-**The institute has established a spacious and comfortable girl's common room where students can relax, study, have informal discussions in free time. Facilities like Recliner chairs, tables, yoga mate, balls are available in this room.
- **Woman's Safety Board -** The Institute has displayed boards for the safety of Women in college premises. We ensure the safety of women is everybody's responsibility.
- **Counsellor-** The institute has appointed a Counsellor since 2010 for counselling of staffs and students to discuss any issues.

File Description	Documents
Annual gender sensitization action plan	https://www.shahandanchor.com/home/NAAC_Images/AQAR/7.1.1_Annual_gender_sensitization_action_plan_2020_21.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.shahandanchor.com/home/NAAC_Images/AQAR/7.1.1_Facilities_for_women_2020_2021.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

SAKEC believes in inculcating cleanliness and environmental consciousness among students. There are dustbins at all major locations in the campus.

1) Solid Waste Management:

Solid waste is segregated at the source; organic waste is collected in green dustbins and non-biodegradable (dry) waste in blue dustbins.

Institute had successfully organized a webinar on Bottles for Change - An initiative to create a Cleaner Environment on 28th November 2020 in collaboration with Bisleri International Pvt. Ltd. Around 210 participants attended the webinar. Speaker from Bisleri International Pvt. Ltd. Institute has organized a plastic waste collection drive on 27th January 2021.

2) Liquid waste management

The institute is located in the Mumbai area and all its liquid waste is managed by the Brihanmumbai Municipal Corporation. The liquid waste is sent to sewage treatment plants for processing.

3) E-waste management

All the non-working goods are given away for recycling and new appliances which adhere to the environment protection rules. Institute has signed MOU with M/s Click Computers for collection and disposal of E-Waste from the college premises. Institute has organized an E-waste collection drive on 27th January 2021. Around 54Kgs E-waste was collected by M/S Click computers on 14th March 2021.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**

A. Any 4 or All of the above

4. Ban on use of plastic 5. Landscaping	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	D. Any 1 of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

1) STRENGTHEN YOUR MIND AND CAREER FOR THE NEW NORMAL

IEEE SAKEC conducted a webinar on 23/9/2020 to help students to reduce the pandemic stress

2) YOGA FOR HEALTHY LIVING

IT Department and SAKEC ACM had organized a webinar on 14/6/2020 to educate our students about yoga.

3) Art of Living Covid-Care Workshop for "Overall Immunity and Lung Capacity Building".

Research Cell organized this workshop from 25 to 27/6/2021 to support people's mental and physical health in pandemic time.

4) The F.A.I.R. project 2021 - A Mission for Humanity

Research Cell organized this Project on 8/3/2021 to introduce participants to the F.A.I.R. way of thinking to focus on social and inclusive development.

5) Database for extra Clofa study for International Leprosy Mission: India and Bangladesh

On 4/2/2021, Dr. Ruth Butlin from London School of Hygiene and Tropical Medicine, Dr. V. V. Pai, Director, Bombay Leprosy Project and Ms. Jalpa Mehta, Assistant Professor, had launched the project named "Database for extra Clofa study"

6) SAKEC Celebrated Online International Yoga Day

7) SAKEC Writers' Cell - SAKEC SAMBODHI arranged Article Writing activity.

8) SAKEC Speakers' Club organized online event-Intra-Collegiate Wordplay

9) NSS organized 20 different Activities in 2020-21

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Institute organised many events to inculcate values, rights to students and staff, making them responsible for their duties.

1. NSS Organized a Fitness drive from 2nd May 2021 to 16th May 2021 to inculcate the habit of yoga and exercise in day-to-day life.
2. NSS organized an event called "Feeding Stray Animals Drive". Students were seen feeding dogs and cats near their locality. It developed a caring nature towards animals.
3. NSS conducted a workshop on Importance of Diet and Exercise on the occasion of Poshan Pakhwada on 31st Mar 2021. 80 participants took advantage of the event.
4. A visit to Anviksha blood bank on 21st January, 2021 help in understanding the importance of blood donation and hence a blood donation camp was set up on the same day to support the cause, followed by blood donation camp on 22nd Jan, 2021.
5. Webinar on Road Safety was conducted on 8th Feb 2021 to make students aware of accidents happening on the road. Celebrated the 7th international Yoga Day. Staff and Students participated through online mode.

6. Covid-care workshop for overall immunity and lung capacity building organized by research cell on 25/6/2021 to 27/6/2021.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.shahandanchor.com/home/NAAC_Images/AQAR/7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

1. 1.A quiz was arranged on Occasion of Constitution Day by NSS SAKEC on 26th November,2020
2. 2. NSS Unit has successfully organized an Online Poster Making on World Aids Day (01st Dec 2020). The Theme for the event was Global Solidarity
3. 3. IEEE Day was conducted virtually on Tuesday, 13th October 2020. The event kicked off with an introduction about what IEEE SAKEC is, what opportunities it provides and what happens in it.
4. 4. NSS conducted world environment day on 5th june 2021 to promote awareness among people about the importance of the environment.
5. 5.NSS organized a webinar on cyber storytelling on the occasion of International Women's day on 8th march,2021.Ms. Nidhi Parab, a computer department student has written An article on SAKEC SAMBODHI about " How Empowered are Ladies in India".

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice I:

1.Title of the Practice:

Creating an IP landscape for the technical stakeholders to converge to techno-legal professionals.

2.Objectives of the Practice

To encourage and provide direction to students and faculties for filing IPR applications and promoting better understanding of IPR.

3. The Context

Intellectual properties are generated in the institution through many ways, such as research projects, internship and final year projects. SAKEC-IPR Cell is committed to encourage, protect & manage institution IPs.

4. The Practice

The IPR Cell, conducts a hands-on Session on Copyright and Patent Filing for faculty and Students. SAKEC IPRC mentor individual cases through oral or/and written communication. IPR Cell does hand holding till the entire process is complete. Offering IPR & Patenting as elective course SAKEC IPRC took the initiative.

5. Evidence of Success

The faculty and students have inculcated the habit of Copyrighting their paper and Research work. Our faculty members are invited to deliver talks and awareness sessions at reputed organization.

6. Problems Encountered and Resources Required

As every individual IP is unique and has different requirements with varied backgrounds, it is challenging for IPRC members to understand each and then guide.

Best Practice II:

1.Title of the Practice

Corporate Social Responsibility (CSR) activities in the institute.

2.Objectives of the Practice

To contribute towards the sustainable development of the society and environment as a whole through various chapters of the institute.

3.The Context

Institute realizes that community service is one of the essential elements of true education.

The purpose of CSR is to maximize shared value among organizations, employees, and community members.

4. The Practice

With the adaptation of a good teaching learning process, college is organizing various social activities to enhance the social responsibilities among students and staff. Students are motivated to contribute to various local communities. SAKEC developed projects in collaboration with IDF, Roti bank, Art of Living, Bombay Leprosy for social cause.

5.Evidence of Success

The success of CSR activities is reflected through the overall development of the students towards the local community and as a responsible citizen. Students and staff are involved in various real-life projects in collaboration with different NGOs.

6. Problems Encountered and Resources Required

To mould the student's mentality towards improvement in their personality without hampering academics was a difficult task. Getting funds for distribution of various things is also difficult.

File Description	Documents
Best practices in the Institutional website	https://www.shahandanchor.com/home/NAAC_Images/AQAR/7.2%20Best%20Practices.pdf
Any other relevant information	https://www.shahandanchor.com/home/NAAC_Images/AQAR/7.2_Best%20Practices_AdditionalDocument.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute, in line with its vision and mission, attempts to offer quality education and produce engineering graduates with a broad skill set so they become ready for future jobs. Various professionals' bodies and chapters conduct events and competitions which help in overall development of faculties and students. This includes Entrepreneurship cell , Sambodhi and Speaker's Club, International/National level competitions, Research cell, Online certification courses. Academic honesty is maintained through SAKEC-IPR cell and Urkund anti-plagiarism check software. SAKEC-NSS established in 2020-21 aims to incorporate social and civic responsibilities among students. Some notable achievements of the academic year 2020-21 are as follows:

- DATA MINING CUP: Consecutively for 3 year, teams from SAKEC have outperformed in the Data Mining Cup. Team "Coll_SA_Kutchhi_2" from the institute has ranked 40th internationally and 2nd nationally.
- Research cell conducted 61 projects with 607 interns and signed 35 MoU's with 13 international MoU's till date.
- Institute is honoured with four Special Recognition awards in the IEI-BLC FCRIIT Excellence Awards 2021 Ceremony.

1. SAKEC: Special Recognition" in the "Academic Excellence (Institute)" category

2. Dr. Bhavesh Patel: Special Recognition" in the "Academic Excellence (Principal)" category

3. Dr. Nilakshi Jain: "Special Recognition" in the "Research Excellence (Faculty-Regional)" category.

4. Ms. Forum Patel: "Special Recognition" in the "Research Excellence (Students-UG-Regional)" category.

- International Adroit Innovative Educator by Green ThinkerZ.
- SAMPARK App version 1.0 , Google Play-store release developed by SAKEC students under guidance of National Informatics Centre, Govt of India (NIC).

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Institute has planned following for next academic year:

1. Due to ongoing covid -19 pandemic regular class room teaching activities are affected. However online teaching was done regularly using Microsoft teams platform. Since government has decided to allow for only vaccinated students in the college campus we have planned to conduct teaching activity in hybrid mode. All the staff members will be trained for this purpose.

2. Institute has planned to allocate Rs. Two lakhs for every department which will be exclusively used for overall development of department. This is in addition to amount sanctioned on regular basis for purchase of new soft wares and instruments.

3. Institute has planned for development of laboratories for newly started cyber security and Artificial intelligence and data science departments. New computers and necessary software will be purchased for this purpose.

4. Recruitment of additional staff members will be made for newly started departments.

5. AICTE funded STTP has been planned for next academic year.

6. College has decided to start research Centre and all formalities will be completed for this purpose.

7. Convocation ceremony is a memorable event in the life of students. Last year due to pandemic it could not be conducted .We have decided to conduct convocation in next year by following all covid guidelines.

8. Lecture series on advance topic like artificial intelligence will be conducted in next year.

9. There is a plan to conduct external academic audit of the institute. This is in addition to regular ISO audit conducted in every year.

10.As validity for NBA will be over soon we are planning for applying for re accreditation .

NAAC