



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1. Name of the Institution

SILICON INSTITUTE OF TECHNOLOGY

- Name of the Head of the institution **Dr Jaideep Talukdar**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **9937289499**
- Mobile No: **9051419777**
- Registered e-mail **director@silicon.ac.in**
- Alternate e-mail **drsaroj@silicon.ac.in**
- Address **Silicon Hills, Patia, Bhubaneswar**
- City/Town **Bhubaneswar**
- State/UT **Odisha**
- Pin Code **751024**

2. Institutional status

- Affiliated / Constitution Colleges
- Type of Institution **Co-education**
- Location **Urban**
- Financial Status **Self-financing**

- Name of the Affiliating University **BPUT, Odisha**
- Name of the IQAC Coordinator **Dr Siba Sankar Nayak**
- Phone No. **7381499499**
- Alternate phone No. **9439059390**
- Mobile **9861930033**
- IQAC e-mail address **iqac@silicon.ac.in**
- Alternate e-mail address **snayak@silicon.ac.in**

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

<https://silicon.ac.in/bbsr-home/policies/>

4. Whether Academic Calendar prepared during the year?

Yes

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

<https://silicon.ac.in/wp-content/uploads/2022/02/Academic-Calendar-AY-2021-22-Rev.1.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.04	2014	10/10/2014	31/12/2023

6. Date of Establishment of IQAC

27/01/2012

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
Silicon Institute of Technology	SPICES	AICTE	2020-21, 1 YR	100000
Silicon Institute of Technology	TEQIP	GOI	2020-21	44000
Silicon Institute of Technology	ED	FDP-DST	2020-21	260000
Silicon Institute of Technology	ATAL FDP	AICTE	2020-21	93000
Silicon Institute of Technology	ATAL FDP	AICTE	2020-21	93000

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 **2**

- 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 [View File](#)

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)

Setting goal for each department on yearly basis ED cell must showcase the list of successful students as entrepreneurs Maximum no of Faculty with Ph.D. be the target by 2021 Emphasis on more publication in Scopus/SCI journals by the faculty members be enforced. IQAC to continue its mandate for every faculty to have at least 2 research publications every year and conveying the same regularly to all faculties . Utilisation of e- resources by students & faculties must be recorded and targeted

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
Facility for new labs	Establishment of Makers lab

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
Executive council	14/08/2021

14. Whether institutional data submitted to AISHE

Part A

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• if yes, whether it is uploaded in the Institutional website Web link:	https://silicon.ac.in/wp-content/uploads/2022/02/Academic-Calendar-AY-2021-22-Rev.1.pdf				
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• Name of the statutory body	
Name	Date of meeting(s)
Executive council	14/08/2021
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020	01/03/2022
15. Multidisciplinary / interdisciplinary	
In order to develop the all-round capacities of the students - intellectual, aesthetic, social, physical, emotional and moral in an integrated manner, the college is preparing to include multidisciplinary subjects as per the National Educational Policy 2020. Keeping in view the problems faced by the students, the college is planning to set up regular and short term courses in	

multidisciplinary and interdisciplinary areas. The aim is to make the students equipped for a holistic approach in the present global situation of gaining knowledge and employment opportunities. As the College is preparing itself to have more of multi-disciplinary subjects it tries to identify the programme learning outcomes along with courses and unit learning outcomes that define the specific knowledge, skills, attitudes and values that are to be acquired by the learner and would ensure that each programme achieves its goal. Special care is taken by the college and its academic bodies to start new departments and programmes. In this aspect M.Sc course in Data Science has been started from this year and other such courses are proposed for next year.

16. Academic bank of credits (ABC):

Regarding the implementation of Academic Bank of Credits, the institution has to wait for the academic council to give a green signal. The pedagogical approach of the faculties' are constructivist, inquiry-based, reflective, collaborative and integrative. Summative and Formative assessments and assignments are used to evaluate the Students learning outcome. Mandatory internship along with the concept of Practice school has been introduced.

The Practice School course provides an opportunity for students to foster and acquire specific professional skills and valuable work experience by practically implementing the concepts in real-world situations.

- The PS course is an optional component in the B.Tech. curriculum carrying 16 credits.

17. Skill development:

Mentoring students is also one of the practices of the institution, to enable students to explore future employment pathways after graduation, and help them get the most of their studies. College aims to foster holistic student development offering a vibrant and mixed culture campus atmosphere through the following objectives

To improve student diversity through pan India selection process as decided by the government

To improve skill orientation through curricular and co curricular activities

To encourage entrepreneurship by offering conductive

entrepreneurial climate

Taking the call from 'Skill India' initiative of Govt of India, skill and career orientation programmes are designed as a part of the curricular/co-curricular activities to ensure that students are benefitted out of the same..Concept of Practice school has been adopted with credit points.

In pursuance of the "Atmanirbhar Bharath' campaign and 'Startup India' mission of the Govt of India, efforts have been made for creating a conducive climate for nurturing entrepreneurial passion amongst the youngsters. The institute provides all the necessary infrastructural support to the budding entrepreneurs to realise their dream projects while pursuing their academics on the campus.

Entrepreneurship Development Cell in association with the academic at departments conducts programmes for students for instilling the passion for pursuing entrepreneurship. Entrepreneurship Development Cell of the college functions as an umbrella organisation for conducting common programmes for students .

Silicon's incubation center is a place to build future entrepreneurs mainly from Silicon faculties and students and see them realize their dreams. The focus areas are:

- Entrepreneurship Development
- Building Industry-Student and Industry-Faculty Relationships
- Building Industry Focused Technology Value Stream
- Employment Generation
- Enable Automation in the Local Market
- Silicon has been approved as Business Incubator (BI) by MSME, Govt. of India under the scheme "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" during PMAC(Project Monitoring and Advisory Committee) meeting held on 20th Dec 2019 at New Delhi. The BI is entitled to get a funding up to 1 crore for machinery and equipment to develop incubation labs. Under this scheme 10 innovative proposals from students and entrepreneurs will also be funded every year. Each innovative idea will get a funding of 15 lakh to develop the product within one year. Apart from this, there is a provision of seed capital up to 1 crore for commercialization of a product for

existing entrepreneurs.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

No such course exists here but efforts are on to start a course on multi-disciplinary research for preserving, documenting, and building upon a philosophic and scientific understanding of Indian Traditional Knowledge Systems. They will also have rigorous theoretical knowledge ranging from astronomy and mathematics to metaphysics, grammar, logic, literature, and linguistics.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The College also makes an effort to understand that a pursuit of knowledge is a life-long activity and to acquire positive attitude and other qualities which will lead students to a successful life. To interpret, analyze, evaluate and develop responsibility and effective citizenship is one of the programme outcome of the students. Outcome based education is a learner centered approach to education that focuses on what a student should be able to do in the real world upon completion of their course or program. The college has prepared a manual based on OBE. It is a guideline for us regarding various Teaching Learning process, scheme for continuous evaluation and other quality parameters.

20.Distance education/online education:

Keeping in view the convenience of the student, the various technological tools used by the faculties especially during the pandemic lockdown are Google Classroom, Zoom, Google, using videos as teaching and learning aids, Group collaboration and interaction and assignment and revision as well as the assessments have been conducted are some of the institutional efforts towards blended learning.

As a part of the internship program many courses are provided through online platform.

Extended Profile

1.Programme

1.1

11

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 2216

Number of students during the year

File Description	Documents
Data Template	View File

2.2 33

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 455

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 123

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 132

Number of Sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	11
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	2216
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	33
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	455
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	123
File Description	Documents
Data Template	View File

3.2	132
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	35
Total number of Classrooms and Seminar halls	
4.2	1513.59
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	800
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

Teaching-Learning Process

- Well-planned and pre-defined process for effective teaching-learning process
- Academic Committee meeting - 4 times a year
- Non-negotiable Academic Calendar for each semester
- Academic Planning (ERP) : 3 months before upcoming semester
- Academic Process - Implemented in ERP (start to finish)
- Class Feedback taken by HODs between 2nd to 4th week of start of teaching
- Attendance & Course Progress Monitoring by HODs
- Faculty Advisor Interaction - once every week
- Moderation for maintaining quality of Internal Questions
- Internal Exams and Quiz - centralized, conducted by CoE (strict, fair, disciplined)
- Project groups & guide allocation - completed in 1st month

of 6th semester

- Emphasis on interdisciplinary & research oriented projects
- Adherence to Academic Calendar
- Maintenance of Course Files
- Learning Objectives of the Course and Pre-Requisites
- Course Policies and Procedures, BPUT Syllabus, Evaluation Criteria
- Detailed Lesson Plan, Question Banks, supplementary materials
- Attendance and Course Progress Monitoring
- Fair & timely evaluation, showing answer script to students and discussion
- Use of ICT, NPTEL Videos, Notes and Video lectures by faculty members
- Encourage class interaction for effective learning experience
- Additional / remedial classes for slow learners, Chamber consultancy
- Surprise Tests and Assignments, regular viva in Lab by Co-Faculty
- Faculty feedback by Students - collected in last week of semester

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)

The Institute follows a non-negotiable Academic Calendar for all its academic processes. The Institute has the distinction of having one of the best Teaching, Learning and Evaluation processes among the engineering institutes in the state. ? The schedule of academic and extra-curricular activities is prepared well in advance by all the departments so that the activities and events can be effectively organized. ? The teaching learning processes at the Institute are student-centered. The methodologies used include integrated learning, self-learning and ICT based learning. ? The detailed progress records of

students with regard to attendance, learning and evaluation are maintained by their respective faculty advisors who regularly monitor the students' performance and advise them on how they can improve in different areas. ? The Institute has a dedicated air-conditioned e-evaluation centre to facilitate e-evaluation of answer scripts of semester-end BPUT examinations

Assessment is an integral part of system of education as it is instrumental in identifying and certifying the academic standards accomplished by a student and projecting them far and wide as an objective and impartial indicator of a student's performance. There will be continuous assessment of a student's performance throughout the semester and grades will be awarded based on assessment by the subject teacher and performance in different examinations. The assessment of performance will be done for Theory, Teacher's Assessment, Laboratory, Seminars and Projects components .

File Description	Documents
Upload relevant supporting documents	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

11

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)	No File Uploaded

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)

00

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

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

00

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

00

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

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

As a major objective of education in India now is to develop professionals having competencies, intellectual skills and knowledge equipping them to contribute to the society through productive and developing careers as innovators, decision makers and leaders in the national and global economies. Major part of the curriculum has been on Effective communication skills and leadership/participation in team work; (h) Fulfillment of professional, social and ethical responsibilities; (i) Sensitivity to environmental and energy issues and concerns; (j) Planning, development and implementation of strategies for life-long learning.. Emphasis has been given on subjects like environmental study, Human ethics and Professional values. Environmental study has been added as a mandatory course from 1st year.. Yoga has been a course for all the students.

Poster Competitions, Debate Competition, etc. Various activities like quiz and poster competitions, invited talks are organized to create awareness about nature, biodiversity, environment and sustainability via student groups such as YFS (Youth for Sustainability) and Green club

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

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

8

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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1410

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 from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

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://erp.silicon.ac.in/estcampus/academics/student_feedback.php?role_code=M1Z5SEVJM2dub0NWWE5GZy82dHh2QT09

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 sanctioned seats during the year

807

File Description	Documents
Any additional information	No File Uploaded
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

24

File Description	Documents
Any additional information	No File Uploaded
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

Slow Learners: The slow learners are identified on the basis of their performance during continuous internal evaluation, assignments/tutorials and performance in the End Semester Examination. Special program in the form of remedial classes is arranged to improve the performance in the courses.

The Bridge Course: The bridge course is conducted for the slow learners at the starting of the first year, which involves tutoring, through individualized teaching.

Advanced Learners: Encouraged to participate and present papers in various seminars/ conferences/ workshops/inter college competitions.

They are encouraged to participate in various co-curricular activities such as debates, problem solving, design competitions, Technical fest like NOESIS etc.

- Third year and final year students are invited to attend the FDP/workshop/seminar/conference organised by the institute.
- Guiding and encouraging to communicate research papers in conferences/Journals
- Guiding the students for GATE/Competitive Examinations.
- Industry interface cell (IIC) conduct pre placement training by the eminent career counsellor and subject expert related to industry. IIC evaluate the performance of student by conducting aptitude test, personal development ,
- Meritorious students who secured 1st and 2nd position of their respective branch based on their CGPA, Institute

provide scholarship for one year @ Rs.1000.00 per month.

File Description	Documents
Link for additional Information	https://silicon.ac.in/wp-content/uploads/2022/09/ANNUAL_REPORT_2020-21-f.pdf
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
2216	123

File Description	Documents
Any additional information	No File Uploaded

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

Silicon practices a combination of traditional and modern methods of teaching and the faculty members are exposed and trained on these different methods and are adequately knowledgeable to choose the suitable method or methods for the topics to be taught in the class. The followings are a list of methods

1. Lecture:
2. Lecture with discussion:
3. Brain Storming: The faculty members allow the students to brain storm over some topic or problems to reach or propose a solution. It has also created a healthy competition among the students to come up with better and innovative solutions for the problems.
4. Use of Technology in the classroom: practices.
5. Case Studies:
6. Role Playing:
7. Worksheets/Surveys: Students are asked to collect data on different aspects related to a specified situation by questionnaires and survey and to analyze the same for inferences. They are trained to handle data represent

those through worksheets and charts. This allows them to learn the method of collecting data, processing and presenting the same.

8. Working Models/Live Specimens:

9. Guest Speakers: To break the monotony the departments invite guest speakers to deliver talks on important topics on frontier of technology. The students attend these programs enthusiastically.

10. Students Seminar:

11. Home Work / Assignment:

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://silicon.ac.in/programs/

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

All class room and seminar halls are fully equipped with modern ICT enabled tools. ICT enabled teaching learning methods are in implementation in the institution with more courses added every year. The faculty use ICT enabled classrooms with LCD projectors, Wi-Fi connectivity, software, PowerPoint presentations developed by teachers to expose the students to advanced knowledge and practical learning. The labs are updated with new software like Python, MATLAB, Microsoft Office, the latest Excel utility. In addition, they are cost-efficient and eliminate the usage of paper. Alongside minimizing cost, they also save time during class lectures enabling swift and dynamic transmission of content. They use conventional methods like lecturing, which is teacher centered and other methods which are interactive, collaborative and ICT enabled such as Microsoft Teams, Zoom, Google Classroom. The institution is also using IT enabled learning tools such as PPT, Video clippings, animations, video demonstrations from online sources apart from providing reading materials and lab manuals through emails and other methods for effective teaching-learning process.. Printing facility is available in all the labs. The students and faculty make use of email, group mails, and social networking tools for instantaneous communication and information dissemination

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://silicon.ac.in/wp-content/uploads/2021/05/Mandatory-Disclosure-2020-21.pdf

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

98

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

123

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

47

File Description	Documents
Any additional information	No File Uploaded
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

120 years

File Description	Documents
Any additional information	No File Uploaded
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 Institute has been continuously carrying out of reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system through dedicated software (ERP) developed at the Incubation center of Silicon. The reforms have also been implemented in the continuous internal assessments modes and components. Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system Examination Procedures and IT Integration. Examination procedure has been completely automated using ERP.Through ERP, online entry of Students Resumes, attendance and internal assessment, evaluation,publication and generating question papers are done that help to reduce the errors and saves lot of time . Online filling of examination registration / re-evaluation forms helps the students and university in saving time and in generating admit card and also

help to obtain their certificate and grade sheet of each semester after publication of Result. Seating arrangement, invigilator's duty chart, generating question paper, caning of answerscript, online evaluation and mark entry systems are done through ERP with more secured and confidentiality. The Online 15-30 minutes before start of exam Question paper delivery system (QPDS) helps in avoiding leakage of question papers and saves lot of stationery and physical movements. All intimation related to examination activities are forwarded to faculty and all students through ERP. Examiners are provided with login and password for the digital evaluation.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://silicon.ac.in/bbsr-home/examinations

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

Procedure pertaining to Re-evaluation (a) Re-evaluation of answer scripts is applicable for Mid-Term & End-Term examinations and of theory papers only. (b) Applying for re-evaluation of answer scripts shall not be available for Repeat MidTerm or Supplementary Examinations. (c) Notification for re-evaluation will be notified by Examination Cell on the day of uploading of marks or declaration of results. (d) For re-evaluation, prescribed application with fee by the candidate through ERP is mandatory. (e) No application for re-evaluation after the last date shall be entertained. (f) Separate faculty may be identified by the CoE for Revaluation. (g) In the re-evaluation, if the variation in the marks is within 5 (five) marks in Mid-Term and 12 (twelve) marks in End-Term, then the better of the two shall be taken. (h) If the variation is more than 5 (five) marks in Mid-Term and 12 (twelve) marks in End-Term, then it will be sent for re-evaluation to a third examiner. In this case, the marks awarded by the third examiner shall be final.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://silicon.ac.in/wp-content/uploads/2022/08/SIT-Examination-Manual-2022-23.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://silicon.ac.in/bbsr-home/b-tech-computer-science-engineering/
Upload COs for all courses (exemplars from Glossary)	View File

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

Course outcome assessment is a process of systematic collection and analysis of information that provides data to the extent to which the input teaching and learning resources have been utilized. The process culminates with adoption of remedial measures to improve student learning and meet the desired output. This information can be used for

- Improving teaching learning method;
- Improving the syllabus by fine tuning it;
- Introducing additional training programs and
- Redefining the CO for a course to align with the course contents and objective.

The basic principles governing assessment are:

- Assessment of student learning begins with educational objectives;
- Assessment works best when the programs it seeks to improve have clear, explicitly stated purposes;
- Assessment fosters wider improvement when representatives from across the educational community are involved;
- Assessment is most likely to lead to improvement when it is part of a larger set of conditions that promote change and

Various assessment tools / techniques can be used for measuring Course Outcomes.

- **End-Semester Examination:** Semester End Examination is a standard metric for assessing whether the outcomes are attained or not. Examination is more focused on attainment of Course outcomes and Program outcomes using a descriptive examination.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://silicon.ac.in/bbsr-home/b-tech-computer-science-engineering/

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

524

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://silicon.ac.in/wp-content/uploads/2022/09/ANNUAL_REPORT_2020-21-f.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://silicon.ac.in/wp-content/uploads/2022/09/SSS-2021.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)****26,10,520**

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 departments having Research projects funded by government and non government agencies during the year**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year****01**

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	https://dst.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year****10**

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

44

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

09

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Various socio cultural events are being organised inside and outside the campus with the participation of students. Social

awareness programmes on gender equality, women empowerment, importance of Yoga in life are observed . Blood donation camps, cleanliness programmes, free plastic campaign are organised on various occasions. The Campus Life Co-ordination Committee (CCC) of SiliconTech Residence organises various events based on various socio cultural issues. Various extension activities are carried out under the umbrella of various clubs of the institute like the Red Ribbon Club, Green Club , SAGE-W Club and the Meta academics club.

File Description	Documents
Paste link for additional information	https://silicon.ac.in/bbsr-home/student-activities/
Upload any additional information	No File Uploaded

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

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

00

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	No File Uploaded

3.3.3 - 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

3.3.3.1 - 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

03

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

03

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

9

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

07

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

The classrooms are well equipped with all modern technology like the smart boards, mike systems, and other technologies for better and effective teaching. CCTVs installed in each classroom to make sure of the safety and the security of all students, teachers and equipment. Stock list of assets of Class room property, cleaning and maintenance are done on a regular basis, Annual Maintenance Contract (AMC) of all the modern teaching technology, proper reporting system about repairs and replacements are the basic attributes of classroom management. This also includes the asset management that forms the core in the working of the college. Maintenance of computers (Hardware and Software), updating software related to administrative and overall maintenance of campus infrastructure. Annual maintenance contracts for computers, copier machines, software, CCTV, Fire extinguisher, garden, security are in place. Policy is developed to maintain a balanced student and computer ratio, so that all students will be benefited for academic purposes

For overall smooth functioning of the library, it is divided into following five main sections and each section has its unique identity and with defined standard procedures the library works effectively and serves its patrons for information requirements

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://silicon.ac.in/bbsr-home/facilities/

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

Silicon Institute of Technology has a multipurpose indoor facility which includes one gymnasium with cardio facility, two badminton table tennis courts, one chess room and carom room. Gymnasium is equipped with treadmill, twister, multi-station dumbbells, elliptical cross trainer, It has aYoga center with a wellaccomplished trainer.

Silicon Institute of Technology also has multipurpose outdoor sports ground for cricket, football, and volleyball. The ground is equipped with cricket practice nets and one volleyball courts and one basket ball courts. Institute is also organising inter college tournament once in a year where around 12 colleges are participating.

Students are encouraged to participate in annual inter-college tournaments. The outstanding students are selected and sent to take part in the various sports activities. Most of the time, team of basket ball, volley ball and cricket have secured medals and certificates.

Separate sports facility has also been provided to girls at their respective Hostels. The facilities include a multi-purpose play ground, gymnasium, volleyball, badminton, table tennis courts and chess/carom facility.

Institute has qualified coaches to train the students in sports like Cricket, Volleyball, Badminton, basket ball. The institute has also employed gym trainers, music teacher both for the boys and girls.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://silicon.ac.in/wp-content/uploads/2021/05/Mandatory-Disclosure-2020-21.pdf

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

7

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

30

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://silicon.ac.in/wp-content/uploads/2021/05/Mandatory-Disclosure-2020-21.pdf
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)

1710.12

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)

A library management system is used to maintain library records. It tracks the records of the number of books in the library, how many books are issued, or how many books have been returned or renewed or late fine charges, etc.

We can find books in an instant, issue/reissue books quickly, and manage all the data efficiently and orderly using this system. The purpose of a library management system is to provide instant and accurate data regarding any type of book, thereby saving a lot of time and effort. Completely automated library management systems make it possible to refer to books at any time of the day to night, as well as make reservations online. Multiple copies ensure that resources are easily available for reference in the library. The Library also has a separate Internet section consisting of a number of networked terminals for providing recent and most comprehensive access to e-journals and other e-reference resources to the faculty, students and staff under Intranet and Internet environment. The Central library has automated all its routine activities through library software .

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://silicon.ac.in/wp-content/uploads/2021/05/Mandatory-Disclosure-2020-21.pdf

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

B. Any 3 of the above

File Description	Documents
Upload any additional information	No File Uploaded
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)

2336858

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

210

File Description	Documents
Any additional information	View File
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

Central Computing facility

The college has adequate number of computers as per norms of AICTE. All departments & the library are provided with computers. In total there are 701 computers in the college.

Area of space : 1309 sqms

Hardware Facility:

No of computers for students & faculty members : 701

No of computers connected by LAN : 701

No of printers : 31

No of Scanner : 3

Network Switch : 26

Internet bandwidth: 8 mbps and 4 mbps leased line (24 hours)

- 11 Computer Labs with 418 Computers (~800 PCs in campus), 8 Servers, 28 TB NAS
- Wi-Fi availability in academic areas
- Sky-Lab: Wi-Fi zone with fountain and music for discussion and group study
-

Software Facility: Oracle 9i, Visual Studio Net, MS-Office-2003, GNU-C, C++, Java, Borland C++, DOS, Redhat LINUX, Window 98, Windows XP, Windows 2003 Server edition

Linux (RedHat, Fedora, Mandrake, etc) Free / Open / Net BSD, Minix, etc., KDE, Gnome, NAT (Router), iptables (Firewall) , Nmap (port mapper), Ethereal, OpenSSH, OpenSSL (Communication Tunnel), SAMBA (File Server), CUPS (Print Server), MPI, MySQL, PostgreSQL, Apache, Sendmail (mail server), BIND (DNS Server), Squid (Proxy server)., Eclipse, Open Office, PHP, Perl, Latex, GCC, Java, FORTRAN, Perl, Python, Ruby, Lisp, Glade, Qt, Xine, xmms , Gimp, OpenGL, ns2, glomosim

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://silicon.ac.in/wp-content/uploads/2022/09/ANNUAL_REPORT_2020-21-f.pdf

4.3.2 - Number of Computers

800

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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)

1513.59

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.

The College has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities .The classrooms are well equipped with all modern technology like the smart boards, mike systems, and other technologies for better and effective teaching. CCTVs installed in each classroom to make sure of the safety and the security of

all students, teachers and equipment. Laboratory has several instruments and equipment, the same is maintained through AMCs. 1. Locations of laboratory safety showers, eyewash stations, and fire extinguishers help to assure protective measures to minimize the causalities. The library of the college has its own mechanisms and system in place to identify the purchases based on the courses offered, check on the facilities to be provided for the students and the staff. Generally, the norms conform to the institutional policies and the policies of the parent body. Yearly statistics for utilization of library resources helps in collection development policy of the library. Sports committee looks after maintaining the sports ground and sports equipment. Committee organizes various indoor and outdoor sports competitions for students at intra and intercollegiate level. Maintenance of computers (Hardware and Software), updating software related to administrative and overall maintenance of campus infrastructure. Annual maintenance contracts for computers, copier machines, software, CCTV,

File Description	Documents
Upload any additional information	No File Uploaded
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

158

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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

05

File Description	Documents
Upload any additional information	No File Uploaded
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	https://silicon.ac.in/bbsr-home/facilities/
Any additional information	No File Uploaded
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	
25	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
25	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded
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	No File Uploaded
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	

425

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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**

05

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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**

11 (GATE)

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.**

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

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)

Silicon Student Council (SSC) is the student body representing students' interest and engagement in SiliconTech. Established in 2005, the SSC is actively involved in building student leadership, fostering community and belonging, and positioning SiliconTech as a leader in technical education. The Student Council engages with their peers, faculty, and staff to facilitate meaningful participation of students in the various activities.

Roles & Responsibilities:

- Ensuring students' involvement in academic, professional, and personal development activities
- Liaise with the faculty, administration, and wider community to represent student interests
- Assist in the execution of academic and extracurricular activities in partnership with student clubs, different cells, and committees
- Resolving student concerns by harnessing the ideas and support of all students
- Formation :
- The formation of the Student Council is an annual process of nominations and election from the current student base at the Institution. The student body selects the Secretary-General, their Core Team, Joint Secretaries, and Activity Coordinators during the annual process. The tenure of each Student Council is limited to one academic session, after

which the term automatically stands concluded.

- The Student Council is a representative body led by the Secretary-General. The office bearers are constituted of the core team members, Secretary, Academics, and Secretary, Amenities.

File Description	Documents
Paste link for additional information	https://silicon.ac.in/bbsr-home/student-council/
Upload any additional information	No File Uploaded

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

8

File Description	Documents
Report of the event	View File
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 Silicon Alumni Association intends to create and foster an intimate bond between all its graduates and the Institute. Formed with the notion to bring back our graduates and postgraduates from their professional set-up to revisit their school years, Silicon Alumni Association pledges to renew its journey with its students and keep the family progressing together towards a larger community, the Siliconites Worldwide. Our first Alumni Meet was held in Mumbai on the 25th of March

2006. A proud set of 30 members joined hands to share their views and dreams of thinking big and beyond. Subsequently, an annual event is held every year, to get the Alumni together under one roof and share thoughts, memories, and experiences, from college days to present job-related activities, and take a walk through the proverbial memory lane. Registered in the year 2008 Silicon Alumni Association (SAA) is now a body, keen to take charge as Office Bearers and bring Academics closer to Industry and Research and build a prosperous, humane, and noble family that may contribute to humankind in a larger way! It is also a means by which old connections between Silicon graduates and the Institute may be renewed and bolstered with fresh vigor.

File Description	Documents
Paste link for additional information	https://alumni.silicon.ac.in/user/login.dz
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs
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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

The empowered team of the college involves Principal, FIC and FC of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student's union, student representative (C.R.), stakeholders, alumni. The principal monitors the mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college. For example, these are Examination cell, career and counselling cell, library and sports committee, cultural committee, internal examination committee, anti-ragging committee, college-magazine committee, Statutory committee, disciplinary committee, scholarship

committee, grievance redressal committee, etc. All the committees take its responsibility for the plans and activities, and successfully tackle these responsibilities in every academic session. For academic performance meetings with HoD's and faculty of various departments are done. Also, the teaching-progress is checked monthly by the Dean Academics. The perspective plans are implemented by principal with finance committee, headed by him/her self. It deals with the finance received for the various grants and amount received from other sources from overall development and maintenance of college

File Description	Documents
Paste link for additional information	https://silicon.ac.in/bbsr-home/about-us/
Upload any additional information	No File Uploaded

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

Governance

The system of governance ensures that the authority, responsibilities, and relationships among and between the Governing Body, Executive Council, Finance Committee, Other Committees/Councils, administrators, faculty and employees are clearly described in the rules.

The Governing Body is the Principal body of Governance of the Institution and has the following powers, namely:-

1. To provide general superintendence and policy directions and to control functioning of the Institution by using all such powers as are provided by the statutes, regulations or rules made there-under;
2. To review the decisions of other authorities of the Institution in case they are not in conformity with the provisions of the statutes, regulations or rules made there under;
3. To approve the budget and annual report of the Institution;

4. To lay down the policies to be pursued by the Institution;
5. To appoint the Statutory Auditors of the Institution;
6. To review decisions of the other authorities of the Institution if they are not in conformity with the provisions of the Statutes or the Rules;
7. To make new or additional Statutes or amend or repeal the earlier Statutes and Rules;
- 8 To approve proposals for submission to the Government;

File Description	Documents
Paste link for additional information	https://silicon.ac.in/bbsr-home/about-us/
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Silicon Institute of Technology's strategic plan includes the following: Approved curriculum is strictly adhered to and faculty members and students are encouraged to take up online short term courses to enhance skills and technical abilities. Encouraging high quality research, Industry engagement, Entrepreneurship, Alumni engagement and Social outreach that are targeted at helping people of the region. The activities are planned in the beginning of every academic year through the Academic Calendar and suggestions are sought from faculty members. Development Plan is a quality initiative which concentrates on the development of the departments in terms of infrastructure, faculty strength, faculty achievement, students' development and student achievement. The plan is finalized by the HODs of all departments in consultation with their faculty members. This plan is then discussed in the HODs meeting with the Principal, followed by approval from the management.

The salient features of the strategic plan are:

- Developing Multidisciplinary innovation ecosystem, leading to incubation at institute, project based learning for

students.

- Increase number of Patent filing
- Participation in Conferences
- Organize Workshops/Training for Faculty/ Organizing Conferences
- Introduce Certificate/Value Added Courses
- Industrial and Field Visits, Alumni interaction
- Conducting in-house Hackathons from which selected projects were presented at national level competitions.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://silicon.ac.in/wp-content/uploads/2021/05/Mandatory-Disclosure-2020-21.pdf
Upload any additional information	No File Uploaded

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.

The entire functioning of the Institute is divided into three areas, viz., teaching, research and nonteaching, for administrative purposes. Accordingly, to facilitate smooth administration of the Institution following authorities help Principal carry out the responsibilities

1. Dean (Academics)

2. Dean (Research)

3. Dean (Administration)

4. Each department shall have a Head who shall be designated from among its members, on the recommendation of the Director.

5. The Deans and the departmental Heads shall be responsible to the Director for the proper working of their respective Departments.

The system of governance makes provision for the consideration of faculty, student, and employee views and judgments in those matters in which these constituencies have a direct and reasonable interest.

Addition , the college has the following support Committees/Cells to facilitate smooth functioning of the college:

1. (IQAC)
2. Cell for Statutory Bodies
3. Disciplinary Committee
4. Grievance Committee
5. Committee Against Sexual Harassment
6. Anti ragging committee and Squad
8. Examination Cell
9. Establishment Cell
10. Library Cell
11. Cell for ERP Academics
12. Staff Welfare Cell
13. Residence Cell
14. Student Council
15. Sports & Culture Cell
16. Accounts Cell
17. Purchase Cell
18. Transport Cell
19. Publication Cell
20. Industry Interface Cell

File Description	Documents
Paste link for additional information	https://silicon.ac.in/wp-content/uploads/2021/05/Mandatory-Disclosure-2020-21.pdf
Link to Organogram of the Institution webpage	https://silicon.ac.in/bbsr-home/resource-directory/
Upload any additional information	No File Uploaded

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	View File
Screen shots of user interfaces	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

The Institute offers/provides lucrative welfare schemes to all the employees to ensure and increase their work efficiency.

- Provident Fund:
- ESI facility .
- Gratuity:
- Group Saving Linked Insurance:
- Medical Group Insurance:
- Reimbursement of Medical Expenses:
- Paid Leave:
- Research allowances:
- Fee Waiver:
- Transportation Fee Concession:
- Subsidized Accommodation:

- Own your vehicle scheme:
- Student Support Funds:
- Loan Facility:
- Skill development courses are organized for non-teaching staff to enhance their skills in work environment.
- Automation of attendance and leave using biometric system.
- All the faculty members who upgrade their research work through quality publications during the academic year are honored by management and institute through research incentive scheme every year.
- The management also extends financial assistance to the needy students for pursuing higher education in our institution as per the requirement.
- Motivation through counselling is also available for staff members to create a healthy working environment. This not only increases the work life balance of the employee, it also helps us in increasing the productivity and allows our staff to work effectively with complete satisfaction.

Women Empowerment Cell is established for creating venues for women members to flourish and gain momentum

File Description	Documents
Paste link for additional information	https://erp.silicon.ac.in/estcampus/hrms/hrms_policy_view.php?role_code=Sk1YYWc2eWpoTzlMOVh6WlJpV0gvUT09
Upload any additional information	No File Uploaded

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

10

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

01

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	No File Uploaded
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

32

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	No File Uploaded
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

Criteria of Evaluations

1. **Teaching- Learning Process: Teaching Effectiveness{TE}, Teaching Load {TL: Desired Credit vs. Actual Credit}, Student Feedback, HoD feedback on TE, Self appraisal feedback, Dean and Director's feedback on TE**
2. **Research, Consultancy & Professional Development Activities: Research Allowance is paid to those with good research competency in terms of publication output, project/ consultancy grants received, etc < Research Allowance for select cases>**
3. **Examination Activities: Effectiveness in Invigilation duties, Evaluation duties and quality entries in the Question Bank are considered**
4. **Institute Administrative Work and Community Service: AID score, Student feedback for Faculty Advisors, HoD, Dean and Director's feedback on administrative competence, Self appraisal feedback and involvement in community work(if any)**
5. **Professional Conduct and Adhering to Rules and Regulations of the Institute: Overall conduct, peer interaction, discipline and adherence to the guidelines of the Institute are taken into consideration**
6. **Overall Self Appraisal**

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

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency. The mechanisms used to monitor effective and efficient use of financial resources are as below: Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. All vouchers are audited by an internal financial committee on half yearly basis. The accounts of the college are audited by chartered accountant regularly as per the government rules.

File Description	Documents
Paste link for additional information	https://silicon.ac.in/bbsr-home/examinations/
Upload any additional information	No File Uploaded

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)**

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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)	No File Uploaded

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

ISilicon Institute of Technologyis a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking loan from the banks.Additional funding is obtained from by faculty members through Research proposals and consultancy works.These funds are utilized for the research and laboratory development. The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development. ? Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures. ? Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., R& D Cell, Exam Cell, T&P Cell, etc. are instructed to submit their budget to Account office. ? All the major financial decisions are taken by the Director and Accounts department with Management of college. ? As and when urgent requirements arise it is given after sanctionreceived from the designated authority.

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 policy guides us to offer the best academic services by developing a team of highly qualified and motivated professors, providing state-of-the-art laboratories, and excellent library facilities, and a pedagogy focused on innovation and fostering entrepreneurship. IQAC aims to enhance quality parameters and implement interdisciplinary research culture to offer the best academic services.

IQAC acts as a nodal agency for all quality related activities of the institute. It undertakes the following activities to ensure quality.

- Managing a feedback system from all stakeholders
- Development and application of quality benchmark for various academic and administrative activities of the institute
- Assessment of quality enhancement parameters
- Conducting regular academic audit
- Encouraging research-centric learning

- Silicon's IQAC strives to improve the academic services through the following plans.
- Automation of academic and administrative processes through ERP
- Transformation of knowledge into action for sustaining quality of education
- Establishing a mechanism to identify innovations at all levels
- Increasing collaboration with industrial organizations and research laboratories

File Description	Documents
Paste link for additional information	https://silicon.ac.in/policies/
Upload any additional information	No File Uploaded

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

- **Effective Leadership**
- **Practice Decentralization and Participate Management**
- **Perspective/Strategic Plan**
- **Organizational Structure**
- **Administrative Setup and E-governance**
- **Effectiveness of various bodies/ Cells/Committees**
- **Financial Support**
- **Professional Development**
- **Co-curricular and Extra-curricular Activities**
- **Academic Administrative Audit (AAA)**
- **Participation in various Accreditation and Rankings**
- **Setting quality benchmarks with consistent work**
- **Creating parameters to reach academic as well as non-academic learning goals**
- **Creating a student-centric teaching-learning environment**
- **Enabling faculty to efficiently use edTech tools for innovation in education**
- **Considering the feedback of students, faculty & parents for the best practices**
- **Organizing various workshops & seminars for the quality education environment**
- **Documenting all the activities in chronological order & keeping a tab on improvements**
- **Preparing & submitting one of the most important - Annual Quality Assurance Report (AQAR) as per the instructions of the NAAC**

File Description	Documents
Paste link for additional information	https://silicon.ac.in/bbsr-home/resource-directory/
Upload any additional information	No File Uploaded

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

A. All of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://silicon.ac.in/wp-content/uploads/2022/09/ANNUAL_REPORT_2020-21-f.pdf
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

Formation of the SAGE- 'W' Cell The Social Awareness and Gender Equality for Women (SAGE-'W') Cell comprising of faculty and student members was formed on 27th January 2021, as per AICTE guidelines. Its 3Ps aim at Promoting, Practicing and Propagating leadership skills among women students, acknowledging women student achievers through awards in various categories like academics, technical innovations, entrepreneurship, and cultural practices. SAGE-W Cell also will be involved with conducting competitions, seminars and awareness programs to promote gender equality, creating opportunities of self-expression for women and promoting ideal cultural practices among them, and drawing inspiration from India's age old epics and scriptures.

File Description	Documents
Annual gender sensitization action plan	<p><u>Gender Sensitization at Silicon Institute of Technology Gender Sensitization is the need of the hour to assist the younger generations in building an attitude of acceptance of the differences and breaking down the gender stereotypes for a better society. Thus with an attempt at initiating such a change in our societal ambience the SAGE-'W' (Social Awareness and Gender Equality for Women) cell at Silicon was formed under the guidelines of AICTE in year 2020. The primary focus of the cell is to motivate women students to take up leadership in various academic, entrepreneurial and cultural ventures. The Cell's activities will be directed towards Promoting, Practicing and Propagating an ideal state in our society which will be inclusive of all gender differences and creating such an atmosphere at Silicon. The cell conducts awareness talks on various topics related to gender stereotypes, gender division of labour, gender discrimination etc. The talks are organized for technical Institution students as well as for school students. Annual events like speech, slogan writing and paintings are conducted with topics like "Gender Equality Today for a Sustainable Tomorrow", "Women with Turbans" and so on, to express the emotion in the form of art and communicate their thoughts through experiences. An exclusive contest for the recognition of Women Achiever is conducted every year. The cell is planning to extend awareness on Gender Sensitization in the form of a play(Nukkad Natak) We at Silicon celebrate Women's Day every year where the students are awarded and recognised for their contributions in academics, entrepreneurship, sports, cultural</u></p>

	<u>events, innovation etc. Apart from this, the Institute also has an Internal Complaint Committee for Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and students and redressal of grievances. The committee has eight members including a chairperson</u>
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	<u>There is a separate common room for girl students .Institute is having its duly constituted Internal Complaints Committee to look into various issues related women and girl students. There is a woman counsellor</u>

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	C. Any 2 of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

A Report on the E - Waste Management of Silicon Institute of Technology, Bhubaneswar, Odisha

E-waste management has now become an important part of every Institute whether technical or non-technical. So, we are also becoming aware of what electrical, electronics and computer equipments we are using in the Institute, so that we can easily classify and categorize them according to the need of the E-waste management rules.

In Silicon Institute of Technology, Bhubaneswar we are having different theory and lab classes which are all well equipped

with various facilities required for effective teaching for the students. Now-a-days students, faculties and all staff members are also getting technical savvy thereby a lot of e-wastes are generating whose quantities are also increasing day by day.

To tackle this situation, we are having an e-waste store where all types of e-wastes are gathered from time to time and then it is sent for e-waste recycling through proper channels. We are also having Certificates of E-Waste Recycling. To be more specific these certificates are proudly presented to Silicon Institute of Technology, Bhubaneswar for the ethical collection and channelization for recycling of various types of E-wastes.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1T3CUJRbZ9wvqyJjRnrKBrwhlJwrDOgvH/view?usp=share_link
Any other relevant information	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

C. Any 2 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:

C. Any 2 of the above

1.Restricted entry of automobiles 2.Use of Bicycles/ Battery powered vehicles 3.Pedestrian Friendly pathways 4.Ban on use of Plastic 5.landscaping with trees and plants	
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File Description	Documents
Geo tagged photos / videos of the facilities	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	E. None of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
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,	D. Any 1 of the above
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scribe, soft copies of reading material, screen reading	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
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).	
<p>To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony. The college and its teacher and staff jointly celebrate the cultural and regional festivals, like ,teacher's day, orientation and farewell program, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga day,Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic soccity.</p>	

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	No File Uploaded

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

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students, the college has taken the initiation of introducing the Constitution of India as an audit course to its students besides organizing sensitization and awareness programmes in the college regarding Human Rights, Traffic Awareness, Civil Safety, Values etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

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

B. Any 3 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	No File Uploaded
Any other relevant information	No File Uploaded

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

1-To celebrate International Yoga Day, a Yoga Session was organized on 22nd June 2021 within Silicon premises. The session commenced with a talk on the importance of Yoga in Life followed by the Yoga postures demonstrated by the yoga teacher of the institute,

2-The Creative Club of Silicon conducted an Art Competition on the 'EARTH DAY'. The students submitted their creative artwork through the online platform.

3-The International Women's Day with the theme 'Choose To Challenge' was observed on 13th March 2021.

4-Silicon observed 'World Mental Health Day- 2020' on 10th October 2020. The theme for this year was 'Mental health for all- Greater Investment, Greater Access'. Silicon promotes good mental health for all the students & staff. To create and propagate this awareness, a video podcast was released on YouTube on this occasion by our in-house Counseling Psychologist, Dr. Saswati Jena (Assistant Professor, BSH).

5-The Republic Day was celebrated on 26th January 2021. Director hoisted the National Flag followed by recital of the National Anthem.

The Institute celebrated the Independence Day on 15th August 2020. The Principal hoisted the National Flag and addressed the gathering of students and staff members present on the occasion

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	No File Uploaded

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 Practices -I

Title of the practice: Faculty Advisor (Student Mentoring)

Objectives of the practice: The following are the main objectives of the practice:

The primary purpose of academic advising is to assist students in their pursuit of life through the selected educational program, leading them to be well-established in life and prepare them as professionals & good human beings in the modern society. Apart from monitoring their academic progress and other related activities, it also includes assisting students:

- (1) to adopt a healthy and success-oriented academic culture
- (2) to inculcate a disciplined and professional attitude
- (3) to understand institutional support services available
- (4) to understand institutional policies/procedures and abide by the rules & regulations
- (5) to focus on academics and take decisions for academic success & career planning
- (6) to overcome their personal problems

Best Practices-II Teaching-Learning Process

- Well-planned and pre-defined process for effective teaching-learning process
- Academic Committee meeting
- Non-negotiable Academic
- Academic Planning (ERP)
- Academic Process - Implemented in ERP
- Class Feedback
- Faculty Advisor Interaction
- Project groups & guide allocation
- Emphasis on interdisciplinary & research oriented project
- Fair & timely evaluation
- Use of ICT, NPTEL Videos, Notes and Video
- Additional / remedial classes
- Mandatory internship
- Concept of practice school

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

Learning Societies for students for their overall development

In 2008, Silicon established the ISTE Student Chapter at SiliconTech, which today has more than 1000 members. Every year, the ISTE Student Chapter conducts various events such as tech-o-meter, workshops, seminars, industrial visits, and technical events to help students update their technical knowledge.

IEEE Student Chapter at SiliconTech grooms students in the field of sciences, technology, engineering, and mathematics (STEM) as well as society and humanity. Many of the student members participating in events have brought accolades to the Institute by presenting their papers in IEEE seminars, participating in project competitions, national level hackathons and excelling in placements.

The CSI aims to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals while simultaneously inspiring and nurturing new entrance into the industry and helping them to integrate into the IT

community.

The Silicon CodeChef Chapter works to build a robust, competitive programming culture on campus and help students become better problem solvers. Siliconites earned their CodeChef College Chapter shield for Silicon in November 2020 under the Silicon ISTE banner.

The QWERTY Club extends typing training to Silicon students on standard QWERTY keyboards by engaging an external professional typing instructor.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1-To get a private university status from UGC

2-To open more inter-disciplinary courses in emerging areas

3-Put focus on innovation and startups