YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1. Name of the Institution KALYANI CHARITABLE TRUST'S LATE GAMBHIRRAO NATUBA SAPKAL COLLEGE OF ENGINEERING

- Name of the Head of the institution Dr. Sahebrao B. Bagal

- Designation Principal

- Does the institution function from its own campus? Yes

- Phone no./Alternate phone no. 02594220175

- Mobile no 9922252699

- Registered e-mail gns_engineering@sapkalknowledgehub.org

- Alternate e-mail principal.lgnscoe@sapkalknowledgehub.org

- Address Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Tal. Trimbakeshwar, Dist. Nashik, (MS) Pin - 422213

- City/Town Nashik

- State/UT Maharashtra

- Pin Code 422213

2. Institutional status

- Affiliated /Constituent Affiliated

- Type of Institution Co-education

- Location **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **Savitribai Phule Pune University, Pune**

- Name of the IQAC Coordinator **Dr. Sachin S. Harak**

- Phone No. **02594220165**

- Alternate phone No. **9850001643**

- Mobile **9850001643**

- IQAC e-mail address **sachin.harak@sapkalknowledgehub.org**

- Alternate Email address **sachin.s.harak@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year) https://www.lgnscoe.sapkalknowledgehub.org/aqar2020-21.php

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://lgnscoe.sapkalknowledgehub.org/document/UG%20and%20PG%20Academic%20Calender%202021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.23**	**2018**	**30/11/2018**	**29/11/2023**

6.Date of Establishment of IQAC **24/07/2017**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

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

8.Whether composition of IQAC as per latest NAAC guidelines   `Yes`

- Upload latest notification of formation of IQAC

  View File

9.No. of IQAC meetings held during the year   `3`

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

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

  No File Uploaded

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

- If yes, mention the amount

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

`1. Establishing Career Katta forum for overall development of students.`

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
Staff Profile and Student Profile up-gradation	Profile Up-gradation of staff and students
Improved industry interaction	MoUs done to increase and maintain industrial exposure to enhance students training and placement, organised industrial visits
Promotion of Human Values, Universal Values and Professional Ethics	Understand Human Values, Universal Values and Professional Ethics for increased cooperation and mutual understanding

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	03/04/2022

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	KALYANI CHARITABLE TRUST'S LATE GAMBHIRRAO NATUBA SAPKAL COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. Sahebrao B. Bagal
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02594220175
• Mobile no	9922252699
• Registered e-mail	gns_engineering@sapkalknowledgehub.org
• Alternate e-mail	principal.lgnscoe@sapkalknowledgehub.org
• Address	Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Tal. Trimbakeshwar, Dist. Nashik, (MS) Pin - 422213
• City/Town	Nashik
• State/UT	Maharashtra
• Pin Code	422213
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	**Savitribai Phule Pune University, Pune**
• Name of the IQAC Coordinator	**Dr. Sachin S. Harak**
• Phone No.	**02594220165**
• Alternate phone No.	**9850001643**
• Mobile	**9850001643**
• IQAC e-mail address	**sachin.harak@sapkalknowledgehub.org**
• Alternate Email address	**sachin.s.harak@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.lgnscoe.sapkalknowledgehub.org/aqar2020-21.php
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://lgnscoe.sapkalknowledgehub.org/document/UG%20and%20PG%20Academic%20Calender%202021-22.pdf

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• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
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• If yes, mention the amount		

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

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

Name	Date of meeting(s)
College Development Committee	03/04/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	18/01/2023

15.Multidisciplinary / interdisciplinary

Being an affiliated college, course structure and the contents (Course curriculum) are designed by the parent university, Savitribai Phule Pune University which is yet to implement the Multidisciplinary/interdisciplinary approach fully.

16.Academic bank of credits (ABC):

LGNSCOE is affiliated to Savitribai Phule Pune University (SPPU) and has the credit based system. As per the guidelines of the affiliated University, the institute has already initiated the process of registration of ABC for the students and all the students have registered successfully.

17.Skill development:

LGNSCOE provides mentorship to those who want to acquire different skill sets. Starting in the first year, the institute has already established an in-house training and placement cell that is actively providing technical and soft skill training. Apart from the usual curriculum of Parent University, curriculum enrichment is achieved through Beyond Syllabus Activities. The institute also signed certain MOUs for training the students and skill development.

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

Although the primary mode of communication is English, faculty members and technical assistants are imparting knowledge and clearing doubts by communicating in regional languages like Marathi and Hindi, to the students of rural areas. The institute has provided various committee activities that contribute to sensitizing students to cross-cutting issues like gender, environmental sustainability, human values, and professional ethics for the development of creative and divergent competencies. Various audit courses as per the curriculum of Savitribai Phule Pune University are offered in order to

inculcate a sense of national integration, culture, and civic sense among the student community.

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

LGNSCOE has well defined Program Outcomes (POs), Program Specific Outcomes (PSOs) and Program Education Objectives (PEOs) for each program. The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute. As a part of the curriculum, each course has defined Course Outcomes (COs) which are mapped to POs and PSOs. Assessment tools are designed considering the requirements of POs. The institute organises activities and programmes to achieve POs. At the end of the semester, an analysis of POs, PSOs attainment is done by each department.

20.Distance education/online education:

The institute is affiliated with Savitribai Phule Pune University, Pune. As per the guidelines of University, all lectures and practical are conducted in physical mode. During the pandemic, the system adopted the change from classroom teaching to hybrid learning and procured the necessary equipment and accessories to facilitate the online teaching and learning process. Online classes were conducted very effectively by all the faculty members in all programs, helping the students to study e-content for all subjects in all semesters. Faculty members and students have both participated in online instruction and evaluation using various software. To address the problems of the digital age, the institute is also getting ready to make all of these kinds of e-content materials created by faculty members accessible to all students through an online channel. Even the whole semester examination is conducted digitally by the parent university till the end of the 2021-22 academic year. So, the institution is well prepared in this regard.

Extended Profile

1.Programme

1.1   **9**

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1242**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **169**

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   **263**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **92**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **89**

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	**9**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**1242**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**169**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**263**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	**92**

File Description	Documents
Data Template	[View File](#)

3.2 Number of sanctioned posts during the year	**89**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**50**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**192.46420**
4.3 Total number of computers on campus for academic purposes	**460**

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

As an affiliated institute, we follow the curriculum of affiliating University. The institute has developed a systematic mechanism for curriculum delivery as below.

Stage I: Preparation of Teaching Aids

Based on the University's academic calendar, the institute prepares its own academic calendar.

Simultaneously, each department allots course(s) to their teaching faculties based on their Specialization. This is followed by preparation of Class, Laboratory and Individual time tables and displayed on notice board. Faculties prepare 'Course File'. NPTEL, Video Lectures, e-resources, enable teachers to deliver curriculum effectively.

Stage II: Teaching Learning

The effective implementation of the curriculum is monitored by Academic Monitoring Committee.

The monthly attendance record of the students is prepared and communicated to student. Expert talks, Industrial Visits are organized to support curriculum delivery. Results of In-semester examinations are analyzed and extra sessions are conducted for academically weak students.

Stage III: Students Feedback

A mid-term feedback of students enables the institute to identify the gray areas in the teaching-learning process.

Stage IV: End Semester Activities

After conclusion of teaching final assessment of the term-work is done and marks are submitted to university. The in-semster and end semester exams are conducted by the university. Every department analyses the results immediately after declaration of result.

Stage V: Stake-holders Feedback

The institute seeks feedback from various stakeholders regarding curriculum, employability and skill acquisition.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://lgnscoe.sapkalknowledgehub.org/document/UG%20and%20PG%20Academic%20Calender%202021-22.pdf

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

Before the commencement of the academic year, the institution prepares an academic calendarcontaining the relevant information regarding the teaching and learning schedule, various events, holidays, dates of in-sem., semester examinations, etc. and it is published on the website of the college and on the college notice board. The student's academic progress is monitored regularly through continuous internal evaluation. The review of

internal assessment is taken by Principal regularly.The record of internal assessment is maintained at the college level.

An examination committee is formed at the college level, which monitors the overall internal assessment process. They send information to the university about the students who are appearing for the examination. After receiving enrolled list of students the college prepares seating arrangement chart, list of invigilators etc. for the conduction of examination.

The internal assessment process is as follows:

Teacher: Every teacher is assigned the subjects to be taught during the semester before the start of the semester. The teacher plans the teaching and conduction of laboratory experiments for the evaluation of the assigned subject and assesses the students' work on a continuous basis throughout the semester.

Head of the Department: The Head of the department compiles the course plans submitted by teachers and ensures the timely delivery and assessment of the academics of all the subjects as per the academic calendar.

IQAC: The IQAC compiles the inputs received from the various departments, and a comprehensive plan is prepared to improve academic progress.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://lgnscoe.sapkalknowledgehub.org/document/UG%20and%20PG%20Academic%20Calender%202021-22.pdf

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	C. Any 2 of the above

Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

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

9

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

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

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

04

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

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

`111`

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

1.3 - Curriculum Enrichment

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

Although the primary mode of communication is English, faculty members and technical assistants are imparting the knowledge and clearing doubts by communicating in regional languages like Marathi and Hindi, to the students of rural part. Institute has provision of various committee activities which contribute to sensitizing students to cross-cutting issues like Gender, Environmental Sustainability, Human Values and Professional Ethics for development of creative and divergent competencies. Various audit courses as per the curriculum of Savitribai Phule Pune University are offered in order to inculcate sense of national integration, culture and civic sense among the student community.

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

`14`

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

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

205

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<u>View File</u>

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	<u>https://www.lgnscoe.sapkalknowledgehub.org/document/1.4.1StakeholderFeedback.pdf</u>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	C. Feedback collected and analyzed

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://www.lgnscoe.sapkalknowledgehub.org/document/1.4.1StakeholderFeedback.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

117

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

72

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

The institute recognizes students with different intellectual abilities. Keeping this in mind, each department head at the beginning of the semester, conducts meetings to chalk out the

programmes and activities to be conducted during the semester. Analysis of HSC score, DTE merit list, communication and soft skills, theory and practical attendance, and performance in the unit test/in-sem. exam/practice session, as well as previous semester's exam results, etc. can be used to identify students as slow or advanced learners.

Support for Slow Learners:

Identify reasons behind the learner's weak performance, assign extra tasks for practice, provide regular follow-up and guidance, provide special learning resources, maintain their cumulative record, and develop healthy relationships to boost their confidence through empowering words. The institute arranges remedial lectures for slow learners in critical courses, faculty members discuss and cover difficult topics.

Activities for Advanced Learners:

- Encouragement for Participation in Seminars/Conferences/Technical Events
- Assignment based on Model making/building
- Guidance for career planning
- Discussion or seminar on the advanced topics
- Guiding and encouraging to write research papers for journals
- Tutoring students for GATE/competitive exams
- Training programmes for gaining advanced technical know-how.
- Encouragement to participate in various symposiums like quizzes, poster presentations, intercollege competitions, etc.

File Description	Documents
Paste link for additional information	Nil
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
1242	92

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

LGNS College of Engineering has adopted different learning methodologies under the following categories:

Experiential Learning: Mini Project work in the curriculum enables the self-learning ability of students. Major projects for final year students are open ended and generally defined as a problem for which student groups are required to come up with a solution and present it at the end of the semester. The college has provided various infrastructural facilities like a digital library, computer lab, workshop, and project lab for the same. Hands on workshops, internships, and industrial visits are arranged by all the departments to improve the overall experience of experiential learning. Poster and project competitions are arranged to enhance the presentation skills of the students.

Participative Learning

- Faculty members motivate students to organize group discussions on technical/non-technical topics, current affairs in the field of science/technology.
- Every department has its own student association, through which students organise various participatory activities like technical quizzes, poster competitions, etc.
- Student councils play an important role in organising co-curricular and extracurricular activities.
- Most of the curriculum involves concepts learned through lab work,which involves active experimentation with lab journal preparation and assessment.

Problem solving methodologies

- Students are encouraged to undertake interdisciplinary projects, case studies, industry sponsored projects, etc.
- Tutorial and extra sessions for analytical subjects.
- Add-on/certification programmes to increase competency.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	Nil

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

LGNS COE follows ICT enabled teaching in addition to traditional classroom education. All departments have a sufficient number of ICT-enabled classrooms and labs with projectors installed, and the campus has a high-speed wifi connection.Teachers have also been encouraged to use ICT tools for communication and course material sharing.The institute also motivates the faculties to use many interactive methods for effective teaching, such as PPT with animations, video clippings, use of online resources from NPTEL, Coursera, YouTube links, simulation tools, virtual labs , online assessment tools like Mentimeter - Quiz.com, and various cloud portals, etc. WhatsApp groups are used as platforms to communicate, make announcements, address queries, and share information. Our faculty and students can access research journals and ebooks through our online library.

Preparing the academic calendar, allocating courses, preparing course files, motivating faculty to use ICT tools, and updating individual ERP profiles are all part of the teaching and learning process.

ICT tools and resources available

ICT Tools: ERP, Google Classroom, WhatsApp Group, Google Classroom, Blog, Personal Webpage

Resources:Computer or laptop, LCD projector, speakers, Wi-Fi, USB, presentation clicker

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

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

2.3.3.1 - Number of mentors

44

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

92

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

05

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

6

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.

A defined internal assessment system is one of the fortresses of the institute. The performance criteria have been properly defined, and appropriate weightage have been assigned to each definition. The institute also ensures that students are aware of the assessment schedule as well as the method used for assessment in various areas such as class tests, assignments, laboratory work, and seminar and project work.

The academic calendar prepared by each department is communicated well in advance to students about the schedule of internal evaluation and performance. In the case of a class test, the evaluated answer scripts are shown to the students so they can take stock of their performance with term submission and lab work to avoid unnecessary delay in the internal assessment.

The project work of final year students is evaluated as per the schedule with input from the students, such as their weaknesses

and scope for improvement. Each project group maintains a log book of their weekly activities, which is checked by the project guide on a regular basis. To maintain transparency, the assessment results are discussed with students, posted on the departmental notice board, and parents are kept up to date on their academic progress.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The institute has a dedicated administrative section called 'Examination Section' to deal with all examination work such as, filling examination form, examination fees charges, conduction of online examinations, In-semester examination, End semester examination, assessment of in-semester answer books, uploading of term-work, oral, practical and in-semester examination marks, mark sheet distribution, verification and revaluation of marks and convocation. The institute has appointed a 'College Examination Officer' in compliance with the guidelines of the affiliating university, who monitors all the activities. The college examination officer assesses the nature of the grievance to identify whether it can be addressed at the departmental, institute, or university level. If the grievances are of a specific nature, such as missing examination numbers in the exam timetable, batch change during a practical examination, unavailability of a hall ticket, and so on, the head of department guarantees that the grievance will be resolved on the same day. The principal forwards the grievances related to university level to the university authorities. The examination section keeps track of the grievances and tries to resolve them as early as possible. In order to maintain transparency in the redressal mechanism, the institute has involved authorities like College college examination officer, Head of Department and Principal in the process.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) of various academic programs are displayed on the Institute website so as to reach all stakeholder groups. The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are displayed in the department for the awareness of all the students. Apart from this, they are also projected at various platforms, like: alumni meetings of alumni chapters, parents' meet, Department Advisory Board (DAB) meetings, printed material (Lab. Journals, Course files and News Bulletin), published in institute prospectuses, admission brochures, institute magazine and journals, seminar and workshop leaflets, as well as conference proceedings. All faculties communicate the COs of their respective courses through their lectures on regular basis.

The college adopts outcome-based education rather than an input-oriented bell-shaped curve of learning.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The institute has established advisory boards for each department to mentor them in defining academic and research goals for the holistic development of the students. The board members are also expected to guide the department in developing its assets, thereby enhancing its abilities to meet defined goals. Accordingly, each department has defined its short- and long-term goals in terms of its mission and vision. Each department has also set quality benchmarks (by defining their program educational objectives, program outcomes, program specific outcomes, and course outcomes) to achieve the mission

and vision.

Method for measuring attainment: The attainment of POs, PSOs and COs can be well measured using direct and indirect methods. The direct methods are internal and external evaluations carried out by the institute in terms of examinations or observations of students' knowledge/ skill / attitude against measurable learning outcomes. The indirect method of measurement includes the collection of data or evidence through reported perceptions (feedback) by various stakeholders. The institute has thus constituted a 'Survey Collection Centre' to collect and analyse feedback from various stake holders. Rubrics / feedback forms have been developed to collect feedback data from students, parents, employers, faculty members, and alumni.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	[Nil](#)

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

268

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	No File Uploaded
Paste link for the annual report	https://www.lgnscoe.sapkalknowledgehub.org/document/2.6.3NAACcriteriaII21-22ResultanalysisENGG.pdf

2.7 - Student Satisfaction Survey

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

https://www.lgnscoe.sapkalknowledgehub.org/document/STUDENT_SATISFACTION_SURVEY_OVERALL_INSTITUTIONAL_PERFORMANCE.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)

Nil

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

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

3.1.2.1 - Number of teachers recognized as research guides

02

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

00

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	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

An innovation eco-system prevails in the institute through the presence of the Innovation Center (IC), Research Advisory Committee (RAC), the Institute-Industry and Institute-Institute Interaction Cell (I5C), and the Entrepreneurship Development Cell (EDC). This ecosystem works in the following three stages:

1. Creation of knowledge: This is the first stage of the ecosystem where individuals are motivated to think differently and independently to come up with innovative ideas. The innovative mindset is further cultivated by industry experts and through training sessions. The institute has a rich library, which serves as a source of knowledge. The RAC is committed to developing aresearch culture amongst these young innovators.

2. Transfer of knowledge: In second stage, a platform is provided for the exchange of innovative ideas. The students are encouraged to participate in various technical events, internships, andproject exhibitions. As a result, more than 150 students completed internships in collaboration with industry.In addition, under an agreement with the government ITI, faculty shared practical knowledge of hydraulics and pneumatics with ITI students.Faculty attends various FDPs, workshops, seminars, and conferences in their research areas. As an outcome, five research papers and one chapter were published in reputed journals by the faculties.

3. Incubation: This is the third stage of the ecosystem, where individuals with innovative ideas are well complemented with technical advice and expertise. They undergo incubation sessions

where industry experts brief them on market scenarios and business tactics. The students are also encouraged to take up industry-sponsored projects.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	<u>Nil</u>

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

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

05

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

3.3 - Research Publications and Awards

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

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

03

File Description	Documents
URL to the research page on HEI website	https://www.lgnscoe.sapkalknowledgehub.org/document/PROF.DR.SBBAGALPh.D.REASEARCHGUIDE.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

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

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

03

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

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

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

01

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

3.4 - Extension Activities

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

The institute takes efforts to cultivate the values of a good human being and a responsible citizen among students. The institute has a NSS Unit, which serves to develop the personalities of students through community activities. In the regular activities, volunteers participated in the Govt. of Maharashtra initiated activities of the COVID-19 Vaccination Drive, Mission Yuva Swasthya, and Mazi Vasundhara's Tree Plantation Activity. The NSS Unit also performed activities liketree plantation awareness rallies, wall paintings, and street plays for awareness on social issues, etc. in the seven day residential camp at Pegalwadi village. Students also performed yoga, daily exercise, debate, various cultural activities, and games to improve memory. In the camp, students conducted a health survey of the villagers to prepare for the required medical camp. Students participated in the Swachh Bharat Abhiyan scheme by cleaning the campus of the Swami Vivekanand Educational Institute, which is run by an NGO, as well as cleaning activities at Bramhagiri and Durg Bhandar Fort. Students made the villagers aware of various government schemes like, Pradhanmatri Bima Yojna, Sukanya Samrudhhi Yojna, etc. and helped them open accounts in the nearby bank. Volunteers did cleaning activities for the water reservoirs in the village. Volunteers also participated in the awareness rally in the village on the subjects of Swachh Bharat, girl child education, gender equality, and de-addiction. More than 100 villagers took advantage of an eye check-up camp held in Pegalwadi village. Students planted 50 trees in the village at different places.

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

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

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

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**

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

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

11

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 during the year (Data Template)	[View File](#)

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

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

595

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](#)

3.5 - Collaboration

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

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

05

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

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

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

06

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute has ensured the availability of adequate

facilities like classrooms, laboratories, and computing facilities as prescribed by the affiliating university and AICTE, New Delhi. By providing excellent services, the Institute meets all of the statutory bodies' requirements for land, instruction, administration, and amenities.A sufficient number of classrooms and laboratories are equipped with ICT facilities for disseminating data, videos, demonstrations, and simulations. The college has computing facilities along with a computer centre for students. In addition, the college has campus wide Wi-Fi access for students and staff. The laboratories are fully equipped with the latest equipment and software/simulation tools to give hands-on experience to satisfy industry needs. The details are attached with this:

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[Nil](#)

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

Response: From the day of its establishment, the institute has made available to the students various facilities for the conduct of sports and cultural events. The details of the available facilities, as well as their user rates, are attached.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.lgnscoe.sapkalknowledgehub.org/document/4.1.2_Extracurricular_activities_facilities_photos.pdf](#)

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart

class, LMS, etc.

13

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.lgnscoe.sapkalknowledgehub.org/document/4.1.3classroomsandseminarhalls withICTenbledfacilitiesphotomasterTT.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)

12.79

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)

LGNSCOE has a well-stocked library with a collection of books, national and international print journals, and E-Resource. The library maintains a separate reference collection of encyclopedias, dictionaries, PhD thesis, and handbooks. Books are classified according to the Dewey Decimal Classification Scheme. The library is automated using Autolib software, barcode technology for circulation and patron entry, upgraded software 'Autolib NG' and provides access to the collection through Web

OPAC. It has a digital library facility where remote students can access e-resources like DELNET.

The library is functioning using various modules:

Cataloguing and Acquisition System: This module is used to add catalogue entries, view monthly accession register entries, browse by title, author, subject, classification number, etc.

Circulation System: This module is used for daily transactions like book issue, return, and reserve. Barcode technology is used for issue and return. The lending policy for the book bank facility for students is different, and it is maintained through the circulation module. Barcodes and spine labels are generated through this module, making library work effective.

Serial Control System: This module is used to maintain the record of print journals to trace subscribed issues in the library.

Web OPAC: The library collection can be searched through OPAC.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	[Nil](#)

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

A. Any 4 or more of the above

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

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

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

1.42673

File Description	Documents
Any additional information	View File
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

25

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

The institute has made available a number of IT facilities like computers, printers, software (both legal and application), internet connectivity in classrooms and laboratories through wired and wireless connectivity. The institute also has dedicated manpower. There is a server room, and the institute uses a firewall to prevent unethical internet usage. The systems are protected from virus attacks by legal antivirus software. The description of IT facilities with details of installation and updates is mentioned in the attached file.

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

4.3.2 - Number of Computers

460

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	[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)

192.46421

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.

Response :

The infrastructure of the institute has been developed in an area allotted as per AICTE norms on a campus of more than 110

acres. For the maintenance of such a large campus, the Kalyani Charitable Trust has established a maintenance team such as electricians, telephone linemen, plumbers, carpenters, painters, housekeepers, gardeners, a system administrator, a transport coordinator, and a motor mechanic. The institute also has its own maintenance cell, which is composed of members from all departments and sections of the institute.

1. Physical facilities:

As per the requirement, the physical facilities are made available, like, boys' and girls' hostels, the guest house, etc., under the supervision of the rector. The entire physical infrastructure is cleaned by housekeeping and gardening staff. In cases of civil repair work, the concerned staff reports to the maintenance cell of the institute.

2. Academic Facilities:

The laboratory equipment and computers are made available for the students with a generator and UPS backup. The library and reading room are open for staff and students during working hours. For the maintenance of laboratory equipment, electrical wiring, etc., a requisition is placed with the institute maintenance cell. Critical maintenance issues are outsourced to concerned external agencies for servicing, maintenance, and repair as per defined procedures.

3. Support facilities:

The indoor and outdoor sports complexes are used by the students for physical recreation and practise sessions under the supervision of the physical director. For maintenance, the physical director forwards a requisition to the campus maintenance team through the principal.

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

1096

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

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

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

643

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**C. 2 of the above**

File Description	Documents
Link to Institutional website	https://www.lgnscoe.sapkalknowledgehub.org/document/5.1.3_skill%20Enhancement_1.pdf
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

00

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

00

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	C. Any 2 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	**No File Uploaded**

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

36

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

10

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

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

government examinations)

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

`00`

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

5.3 - Student Participation and Activities

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

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

`01`

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	**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)	View File

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

Response:

The college has an active 'College Students Council' since 2012, which is constituted every year as per the affiliating university act. This council organises extracurricular activities such as the Annual Cultural Festival (ASTITVA), the National Level Technical Symposium (TECHNOFEST), and the National Service Scheme (NSS). In all of these events, the students are involved in activities like preparing promotional material, promoting the event to their peers from other technical institutes, and planning and preparing activities like individual personality assessments, debates, sports and cultural events, funfairs, art gallery, paper presentations, quizzes, project exhibitions, and various technical competitions. The students also represent the administrative and academic committees such as the National Service Scheme, Training and Placement Cell, Alumni Cell, Anti-Ragging Committee, Student Development Cell, Sports Center, Student Grievances Cell, Internal Complaints Committee, and SKH Art Club.

File Description	Documents
Paste link for additional information	Nil
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

05

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
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 college initiated the activity of establishing the alumni association. For this, the principal has constituted a committee, which consists of a president, a working president, a vice president, a secretary, a joint secretary, a treasurer, the dean of alumni affairs, and alumni members. The alumni association was later registered with the Charity Commissioner of Nasik under the Registration of Societies Act and now has legal standing (Reg. No. F16759 date 08/11/2016). The alumni association promotes and fosters mutually beneficial interaction between the alumni and the institute. The heads of various departments, faculties, and staff are in constant touch with the alumni through email and social media. The alumni association is contributing to the long-lasting interest and development of the institute as below:

Industrial visit: For many programs, industrial visits are part of the curriculum. So as to give students exposure to industrial environments and meet curriculum requirements, the institute seeks the help of working alumni in various industries.

Support for project work: Alumni help the existing students with the selection and sponsorship of their final year industrial project.

Evaluation of student projects: The institute encourages the practise of involving alumni in the evaluation of student projects.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) | **E. <1Lakhs** |

File Description	Documents
Upload any additional information	View File

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

Institute vision:

To become globally recognized engineering institute through innovation, research and quality education.

Institute Mission:

To become a leading technical institution by achieving excellence in teaching-learning process and providing an environment helpful for nurturing innovation, creativity, team spirit, moral ethics and leadership for the welfare of the society.

The institute follows a collective model of governance, with various stakeholders participating in the decision-making process for achieving the institute's vision and mission. Such a model ensures transparency and accountability due to the participation of stakeholders in the decision-making process.

In order to achieve the institute's vision and mission, the principal, in consultation with the management, has formulated a perspective as well as strategic plans.

Following are the perspective plans:

- To ensure effective curriculum planning and implementation and upgrade faculty and staff competence
- To inculcate social and ethical values
- To implement green initiatives on campus
- To improve training and placement activities
- To strengthen research, innovations, and extension services

File Description	Documents
Paste link for additional information	Nil
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.

The institute has established a simple yet robust organisational structure for the decentralisation of its daily decisions and operations. The management creates the organisational structure, which is supported by the governing body and the local management/college development committee in finalising policies, strategies, and decisions.The responsibility for the implementation of policies, strategies, and decisions lies with the principal, who is also a member of the governing body and local management committee. The authority for the implementation of policy and strategy-based decisions is delegated by the principal to various deans, department heads, and section heads. These authorities also empower the cell / committee / body coordinators to carry out policy and strategy-based decisions.

The organisation of 'TECHNOFEST', a 'National Level Technical Symposium',in the institute can be well used to demonstrate the institutional practice of decentralisation of authority and participation of employees and students. This mega technical event, collectively hosted by all departments, attracts more than 1000 participants and integrates all levels of employees as well as students to work as a team, demonstrating decentralisation and participative management.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute's vision and mission statements well convey its objectives and directions. The following strategic plans and action plans are designed in such a manner that the institute's vision and mission are driven and deployed during every process.

- To ensure effective curriculum planning and implementation and upgrade faculty competence.

1. Developing a course plan as per the academic calendar and its effective implementation
2. Continuous assessment and evaluation to measure outcomes
3. Developing a proper feedback system and its analysis for further improvements
4. Motivating and sponsoring faculty members to participate in STTPs, FDPs, and conferences
5. Encouraging faculty members for research and publications in reputed journals

- To inculcate social and ethical values

1. Organizing various social programmes and activities through this NSS cell

2. Establishing community and ethically value-based cells and organising awareness programmes

- To implement green initiatives on campus

1. Promoting a plastic-free campus by counselling
2. Plantation, rainwater harvesting, and green cover
3. Encouraging the students to use the college/public transportation system

- To improve training and placement activities

1. Conducting sessions on aptitude, group discussion, and interview techniques for final year students

2. Regular placement assistance through a full time training and placement office

3. Strengthening industry-institute relations

- To strengthen research, consultancy, and extension services

1. Encouraging the faculty for research publications

2. Forming MoUs with industries and other institutes

3. Faculties are being motivated to undertake consultancy

work

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
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 organisational structure of the Late G. N. Sapkal College of Engineering, like most other higher educational institutes, is a vertical one with power emanating from the top down.

The Board of Trustees, also called management, is at the top of the structure. The management is assisted in decision making of various academic and administrative requirements by the governing body and college development committee, which are formed in accordance with the rules set by statutory regulatory authorities.The Trustees and Principal are members of the Governing Body and College Development Committee. The principal acts as a bridge between the management and the employees and is assisted by a core team, which consists of deans, heads of various departments, and the IQAC coordinator, in implementing and monitoring the perspective and strategic plans to achieve the institute's vision and mission. The Deans are assigned the responsibility of mentoring various cells, bodies, and committees, which comprise the teaching staff, non-teaching staff, and students as needed.

The institute has established various cells like the Internal Complaints Committee (ICC), the Committee for SC /ST (Reservation), the Minority cell, OBC cell, Staff Grievances Cell, and the Student Grievances Cell.

The stakeholders have been made aware of the grievance redressal mechanism.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.lgnscoe.sapkalknowledgehub.org/document/Organogram.pdf
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	**B. Any 3 of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
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

Academic welfare measures

1. In accordance with university regulations, the institute offers amenities including casual leave, medical leave, earn leave, and vacations to all eligible workers.

2. The institute sends faculty members to workshops and conferences.

3. The institute organises a variety of administrative training and professional development programmes for both teaching and non-teaching employees.

4. By providing the required assistance, the institute promotes teaching faculty to pursue higher education.

Financial welfare measures

1. The institute covers the cost of membership in professional organisations as well as travel expenses to conferences and workshops.

2. The institute provides free housing available on campus for Class-IV staff.

3. The institute provides free transportation facility to all non-residential employees and uniform to all employees.

4. The institute deducts provident fund (PF) of all eligible employees and also contributes equal amount in their PF account.

Health welfare measures

1. The institute provides Maternity Leave as per norms to all eligible employees.

2. The institute organises health camp for all the employees.

3. The institute provides immediate fund to employees in case of medical emergency.

File Description	Documents
Paste link for additional information	Nil
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

Nil

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	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

16

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

Our institute uses performance appraisal, which is regarded as one of the most crucial methods for human resource management. By recording employees' performances, this appraisal system aims to encourage accountability and improvement in them. This information is used to support decisions about salary, promotions, and occasionally disciplinary actions. The institutional appraisal framework evaluates faculty members according to their academic engagement and results in terms of test scores, student comments, research contributions, involvement in university work, participation in institute activities, participation in professional activities, and self-improvement initiatives.

The technical non-teaching staff is evaluated on how well they fulfil their duties, which include supervising student laboratory work and taking part in administrative tasks at the institute and university levels. Also, their efforts towards professional and self-improvement endeavours are evaluated.

At the end of the academic year, i.e., in the months of May and June, all employees submit their self-appraisals to their respective section or department heads. The section or department head reviews the self-appraisal sheet of the individual employee and forwards it to the principal. The principal evaluates the employee's performance and recommends it to management for final approval.

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 Institute follows the "accounting standards" established by the Institute of Charted Accountants of India while preparing its financial statements, namely the "Income and Spending Account" and "Balance Sheet." The deficit or surplus arising from the operations carried out by the institute throughout a financial year is shown in this revenue and expenditure account, which is prepared from the "Receipts and Payments Account." The balance sheet shows the assets and liabilities as of the balance sheet's date. A depreciable asset's cost is calculated by the institution over the course of the asset's useful life, and depreciation is then appropriately charged to the income and expense accounts.

Every six months, the institute conducts an internal audit to assess its operations and monitor risk management, reporting, and control. The institute also carries out an external audit on an annual basis (from the beginning of April to the end of March of the subsequent year) to ensure compliance with all applicable revenue rules, catch small problems before they become serious, provide more credibility to the institute's financial statements, and critique the institute's internal processes.

Objections were discovered to have been raised in both audit cases. The institute has a mechanism for settling such audit objections.

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

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

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

Nil

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

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

The college makes sure that finances are available and that they are used efficiently and effectively for development, administration, and academic needs. Other sources of funding include grants from organisations like the AICTE, DST, and affiliated universities, among others. The Kalyani Charitable Trust or a bank loan are used to manage the remaining sum. The institute has a straightforward yet reliable mechanism, which is outlined below, to assure optimal resource utilisation:

- Each department prepares the budget for the upcoming year well in advance in accordance with its demands, such as the acquisition of new machinery, computers, consumables, semi-consumables, etc., and submits it to the principal for approval.
- The accounts department then creates the institute's budget, taking both pay and non-salary expenditures into consideration, such as maintenance, cleaning, and promotional costs.
- The institute's budget is then submitted to the management for review and approval.
- Based on the priorities of the institute and various departments, the funds are made available by the management.
- The institute keeps fund availability and utilisation statements for day-to-day monitoring and control of cash.

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 internal quality assurance cell (IQAC) was created with the goals of enhancing the institute's academic and administrative performance and promoting strategies for enhancing and ensuring quality through the institutionalisation of best practises and the internalisation of quality culture.

It has been regularly carrying out the following duties:

1. Improving instruction quality through continuous input from all parties concerned andbased on feedback from students

2. Contributing to best practises

3. Offering feedback for academic and administrative audits, as well as outcomes analysis for areas that need improvement.

The IQAC has now formalised the following activities that the institute first introduced as quality control measures:

NPTEL Online Courses and Certification: The institute has established a local NPTEL chapter with the objective of promoting self-assessment among faculty and students through NPTEL online courses. The participant is engaged in learning the course through video lectures. It helps the students to develop a better understanding of the courses under study and improvement of their performance in the university examinations.

File Description	Documents
Paste link for additional information	Nil
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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The academic calendar is prepared in advance, displayed and circulated in the institute, and followed. The institute has set up an academic monitoring committee to continuously monitor the conduct of lectures and practicals. All newly admitted students have to compulsory attend the induction programme, in which they are made aware of the philosophy, the teaching and learning process, the system of continuous evaluation, various cocurricular activities, the discipline, and the culture of the institute. Students are apprised of the timetable, programme structure, and syllabi of the courses before the semester commences.

After the establishment of the IQAC, a review of the teaching-learning process was done based on two aspects: a review of the activities performed by facultiesin accordance with their responsibilities, and a review of the methods by which faculties, departments, and the institute work to continuously improve teaching quality. Despite consciously working to improve performance indicators such as enrolment, faculty number, deputation of faculty for FDPs, STTPs, and so on, the IQAC proposed a couple of teaching-learning reforms that aligned with the assessment and accreditation processes.

One such initiative is the establishment of 'Teaching Learning Development Cell (TLDC)' with the purpose of adopting the best teaching-learning practises with the help of various types of feedback. Another initiative by the IQAC is the establishment of 'Survey Collection Centre' for the collection and analysis of feedback from all the stakeholders.

File Description	Documents
Paste link for additional information	Nil
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 international agencies (ISO Certification, NBA)	C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
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

a. Safety and security: Safety and security have always been a top priority in our institute, with specific care paid to the safety of women. The institute has recognised this element ever since it was founded in the following ways:

1. Staff and student security is provided by dedicated personnel.

2. CCTV cameras for monitoring and campus security.

3. Committee for Internal Complaints (formerly Women Grievances Cell)

4. Disciplinarymonitoring cells, Anti-ragging squad and committe, student welfare committee, hostel monitoring committee and student grievanceredressal cell.

5. A full time matron in the girl's and boy's hostel.

b. Counseling: The institute has a teacher-guardian programme in place to help students with both academic and non-academic problems.The institute has appointed a lady counselor who helps them in addressing the psychological and physical issues of students. Even a full-time doctor and nurse have been hired by the institute to provide for their medical needs. In addition to addressing individual issues, the institute holds gender equity sessions to educate both staff and students about gender issues and the negative social, moral, and legal consequences of gender discrimination.

c.Common Room: The common room is a gathering place for students that is essential for friendly interaction and healthy enjoyment. According to the need, the institute has created separate common areas for boys and girls. The common room provides access to locker facilities and recreational amenities. Staff members have been proposed by the principal to oversee the communal areas.

File Description	Documents
Annual gender sensitization action plan	https://www.lgnscoe.sapkalknowledgehub.org/document/7.1.1.2021-22.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

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

- **Solid waste management: The solid waste before disposal is categorized into degradable and non-degradable waste. The waste like remains of plants and kitchen waste are disposed by means of composting. Non-degradable waste like, plastic wrappers, sheets, etc., are collected at source by placing trash bins at suitable locations. This plastic waste is then disposed safely through a plastic recycling agency.**
- **Liquid waste management: Although being situated in the hilly terrain with no support from the local government authorities, the institute disposes its liquid waste into the environment safely. A septic tank has been built to separate solid waste. The liquid waste is then discharged into a leach field where the dissolved solids are absorbed by soil and clear water then moves by gravity deep into the earth to rejuvenate the ground water level.**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	[View File](#)
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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).

The institution is taking several efforts and initiatives in providing an inclusive environment. The initiatives are to promote better education, tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other

diversities.

To build a nation of youth who are noble in their attitude and morally responsible, the college organizesseveral activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. Organization of National and International Days, Events in the campus with the initiative and support of the management as well as to develop the emotional and religious feelings among the students and the faculty for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

The institute has taken many extra efforts to provide a very inclusive environment for the students and faculties as well. This initiative was taken to exhibit towards technical and cultural events. Students of various departments participate in different technical events to show their talents. The institution organizes world water day, world earthday, national girl child day, world book day, national science day and international women's day, birth anniversary of national and international leaders & socialist.

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

At LGNSCOE, we believe in giving holistic all round education to the students & sensitizing students on our constitutional rights, values, duties and responsibilities. Sensitization of students and employees of the Institution to the constitutional obligations is done through curricular as well as through extra-curricular activities. As per university syllabus honors, minorsubjects and audit courses are available for students such as cyber security & internet of things. In this subject students study various concepts related to cybercrime, cyberspace, Indian IT act etc. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc.

In addition to this, institute organizes programs to educate girl's students/ women about their rights. Also seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizens. Institute organizes road safety week, world health day, constitution day, human rights day, world cancer day and national safety day etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	D. Any 1 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

The institution organizes national festivals and birth / death anniversaries of the great Indian personalities. National festivals like Republic Day (26th January), Independence Day (15th August) are celebrated every year with great pomp and vigor. The tricolor flag is hoisted and is followed by cultural events. Other festivals like Teachers day, Engineers day, Gurupournima are also celebrated. The students are briefed about the significance of these events in their personal lives and its need for the society. Birth anniversaries of national leaders like Chatrapati Shri Shivaji Maharaj, Rajamata Jijabai Bhosale, Father of nation Mahatma Gandhi, youth icon Shri Swami Vivekanand, Sardar Valabhbhai Patel (National Unity Day), etc., are also celebrated in the institute. The institute also observes Yoga day, Constitution Day, JalDin, Environment day and their importance are briefed to the staff and students.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	<u>View File</u>
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 Practice – I

Title - Student counseling and Teacher-Guardian scheme

BestPractice – II

Title - Departmental Students Association

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File Description	Documents
Best practices in the Institutional website	https://www.lgnscoe.sapkalknowledgehub.org/document/7.2.1.2021-22.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The field of engineering is dynamic and it is anticipated from engineers to develop themselves to work across various disciplines, with others, and continually adapt to new challenges. The budding engineers thus need to develop a number of qualities and skills to become an effective engineer with employability traits. The major concerns of most of the employers is finding good engineers and training them. The difference between the skills needed on the job and those possessed by applicants is called skills-gap, and is of real concern for all educational institutes and industries looking to hire competent engineers. The institute has thus developed a practice to bridge the skill gap that exists within its students as follows:

• At under graduate level, the university has introduced courses like skills development, industrial management, Construction management etc. for grooming students in technical aptitude, soft skills, interviews, group discussions and career counseling. For these courses, the institute has appointed professional trainers from industry and experience faculty.

• In addition to this, the institute regularly organizes expert talks, seminars and workshop on subject like time management, risk management, skill development and motivational talks.

• The institute has constituted the 'Institute-Industry and Institute-Institute Interaction Cell'. This cell has collaborated with a number of industries in the form of MOUs and linkages.

• The institute motivates students to undertake internship and the final year project work in industry so that they become familiar with the industry culture and also enhance their

employability probability.

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

7.3.2 - Plan of action for the next academic year

Response:

- **Standardization of Feedback System from all the stake holders such as students, Alumni, Parents, Emloyers and Faculties.**
- **Expert talks on Quality Awareness.**
- **Improve industry interaction by signing of MOU's, establishment of industry linkages, arranging industrial visits and expert talks of industry persons.**
- **Increase the students participation in various programs organized for inculcating value system among students.**
- **Arrange trainings, technical events& skill develpment programs to improve skills sets of students.**
- **Arrange internship program,career guidance programs & seminar to makeplacement more efficient.**
- **To motivate UG student regarding competitive, GATE and other examinations.**
- **Purchasing books required for UG student for various Competitive Exams.**
- **Organizing and motivating faculties to participate in FDPs andregistering for NPTEL courses to update faculty members.**