



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION
• Name of the Head of the institution		R.Nagaraj
• Designation		Vice Chancellor
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		04563289042
• Mobile no		9994107579
• Registered e-mail		officear@klu.ac.in
• Alternate e-mail address		kluvc@klu.ac.in
• City/Town		Anand Nagar, Krishnankoil
• State/UT		Tamil Nadu
• Pin Code		626126
2.Institutional status		
• University		Deemed
• Type of Institution		Co-education
• Location		Rural

• Name of the IQAC Co-ordinator/Director	Dr. C. Sivapragasam				
• Phone no./Alternate phone no	04563289042				
• Mobile	9894028635				
• IQAC e-mail address	iqac@klu.ac.in				
• Alternate Email address	kluvc@klu.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://kalasalingam.ac.in/wp-content/uploads/2021/07/NAAC-AOAR-2019-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://kalasalingam.ac.in/academic-calendar/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.81	2010	28/03/2010	27/03/2015
Cycle 2	A	3.11	2015	16/11/2015	15/11/2020
6.Date of Establishment of IQAC			26/06/2010		
7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
DSIR	SIRO	DSIR	2020	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			4		
• The minutes of IQAC meeting and compliance to the decisions have been			Yes		

<p>uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</p>	
<ul style="list-style-type: none"> (Please upload, minutes of meetings and action taken report) 	<p>View File</p>
<p>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</p>	<p>No</p>
<ul style="list-style-type: none"> If yes, mention the amount 	
<p>11. Significant contributions made by IQAC during the current year (maximum five bullets)</p>	
<p>1. Use of Digital Pedagogy- All the faculty members has been given effective training on the usage of various digital tools used for the teaching learning process. In addition, training provided in usage of various online platforms such as google, zoom, Microsoft etc., 2. Online Class Monitoring- During the pandemic period to engage the students more effectively in online classes throughout the university Google Meet used as the single platform with single user link for all the courses handled by the individual faculty member. Effective monitoring done by the department level team as well as central team. 3. Proctored Exam - For P.G./Ph. D level Courses, the Sessional Examination-II conducted in descriptive examination pattern through fully online proctored mode in Eklavvya Platform. The Office of CoE conducted two mock tests before the commencement of the Sessional Examination - II, to train the students in this new platform. Proctoring of the examinations was entirely done by the concerned course teachers and class coordinators. 4. Faculty participation in NITTTR mentor program during the month June-July 2021- 5 senior faculty members attended the training program and qualified as mentors 5. Faculty participation in Universal Human Values workshop during the month July 2021- 18 faculty members across all over the departments participated in the workshop Events organized 1. Webinar on "National Education Policy 2020" held on 22nd April 2021. The Resource Person for this programme was Col. B. Venkat, Director (Faculty Development Cell), AICTE, New Delhi. 2. One Week Faculty Development Programme on "Engineering Education" held from 19th to 23 January 2021. The Resource Person for this programme was Dr. Claire Komives, Professor, San Josh State University, USA. 3. Webinar on "Motivating Students for Online Learning" held on 2nd</p>	

November 2020. The Resource Person for this programme was Dr. Prathiba Nagabhushan, Professor, Australian Catholic University, Australia and IUCEE Membership Relation Coordinator for KARE.

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
IKSC formation and promotion	This chapter was opened with 850+ student registration. The chapter is completely managed by the students for its functioning. They are actively participated more events which is organized by IUCEE.
To organize a webinar on EIA 2020.	Organized jointly by the Office of CLT and Department of Civil Engineering on 10.10.2020
Preparation of e-content for all the core courses offered by the departments	e-content preparation completed for all core courses
Quality of the MCQ pattern online examination	Quality of MCQ is ensured by means of internal auditing involving the module coordinator, Course coordinator and Program coordinator
Enhance online e-resources through central library	Lot of initiatives taken from the library section towards the improvement of same

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Board of Management	10/12/2021

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes

15. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	12/04/2022

16. Multidisciplinary / interdisciplinary

Kalasalingam Academy of Research and Education (Deemed to be University) formerly Arulmigu Kalasalingam College of Engineering was established in 1984 by Kalvivallal Thiru T. Kalasalingam, Founder Chairman who was a freedom fighter and Philanthropist. Kalasalingam is Located at the pristine foothills of scenic Western Ghats of southern Tamil Nadu. The college obtained the Deemed to be University status in 2006. Since then, the institution is offering a wide range of programs with specializations. The courses offered are multidisciplinary and interdisciplinary in nature. Apart from the program core courses, elective courses are offered in all the programs. The elective courses are categorized into two as program elective and university/open elective. Program elective courses are taken within the program of study, and it is represented as interdisciplinary whereas the latter is taken across the institution and is multidisciplinary in nature. During the academic year, 58 programs are offered, and all the programs are choice-based credit system. Through the multidisciplinary/interdisciplinary approach of study program, essential skills and employability are the added benefit for the student community. Mandatory courses are offered as per the guidelines issued by the AICTE. Programme electives shall cover the depth and breadth to further strengthen the programme specific knowledge and if chosen by a student in a particular subject area shall lead to specialisation in that area. University electives are the courses offered across the schools to enhance the breadth and professional competency of the students. The student is expected to take courses in engineering (offered by schools other than the program of study), liberal arts, sciences, and mathematics.

17. Academic bank of credits (ABC):

Academic bank of credit is based on the digital storage of credits earned by a learner across India at any recognized institution. In a proactive manner, we have adopted and started to use the same for the effective usage of lifelong learning. At present in the process of uploading the credit information for the students studied.

18. Skill development:

To enhance the employability and industry ready, the students are equipped with various skills like value-added courses, one-credit courses, etc. The courses offered at the institution are grouped as CGPA and NON-CGPA. NON-CGPA courses directly relate to skill development in all aspects like co-curricular, extracurricular, sports, technical communication. Experiential core courses shall provide project experiences to enhance technical competence and creativity through reflective problem-solving with multiple potential avenues of inquiry. Apart from Capstone Design course (conceive, design, build, and test prototypes), students shall have two other courses (three credits each) with project experiences from Design-Build and Design-Build-Operate during the program. Experiential elective courses shall provide the scope to transform learning into action to achieve the unique goals of the students. The courses may include competitions to drive solution-oriented and critical thinking, internships with dynamic companies, community-focused project/activity and research-oriented project. The BoS may design any other course with similar outcome and fix the credits appropriately. The Board of Studies approved list of competitions with credits (based on the level and competitiveness) shall be maintained and continuously updated in department. A two-week internship with industry be awarded one credit. The student can do multiple courses of same nature (e.g. Two different competitions, internship for 6 weeks, two community-focused projects). The courses offered under this category are to complement the knowledge, skill and attitude acquired through the regular curricular courses through co-curricular and extra-curricular activities. No credits shall be awarded for the courses under this category.

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

The mandatory courses prescribed by commission or council. The mandatory courses don't carry any credit, however, student shall successfully pass the end semester examination. The list of mandatory courses is.

1. Essence of Indian Tradition Knowledge
2. Environmental sciences, and
3. Indian Constitution

The students are encouraged to do the courses from MOOC platforms such as NPTEL, Swayam, Coursera and edX to improve their self-learning ability and to enhance their breadth/depth. The students can choose the course from the list of courses approved by the respective Board of Studies, or they can also propose to respective

Board of Studies to consider the course for including in the list before start of the semester. The courses from the MOOC platforms will be considered under Program Elective Courses and University Elective courses categories. The students can choose up-to 20% of total credits required for the program.

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

As a Deemed to be University, Kalasalingam Academy of Research & Education (KARE) is entrusted with the responsibility of designing and deploying the Curriculum in tune with the national goals, National Education Policy (NEP), SDGs, Vision, and Mission of the Institution. Based on the domain demands and stakeholders' aspirations, the curriculum/syllabi are periodically revised:

? In relevance to the guidelines of statutory, accreditation and regulatory bodies for all the programmes offered in various fields.

? Incorporating the feedback received from stakeholders:

? Through the attainment process at course/program level through Programme Educational Outcomes (PEOs)/ Programme Specific Outcomes (PSOs) / Course Outcomes (COs) that are gradually attained at the end of the program.

Eleven programs of the institution are accredited by ABET and all eligible programs are NBA accredited. Therefore, the curricula developed and implemented have relevance to the local, national, regional, and global developmental needs which are reflected in the Programme outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) of all the 58 Programmes offered by the University.

Learning Outcomes (LO) indicates clearly what students can do or what they can demonstrate when they effectively participate in the course or successfully complete the program. LO are observable, measurable, and demonstrable that the student had gained from the course or program. The intended LO should inform both the learning experience and guide the assessment process. They should be written in a way that is readily understandable to students. LO can be broadly categorized in three namely:

1) Program Outcomes (POs),

2) Program Specific Outcomes (PSOs),

3) Course Outcomes (COs).

The POs and COs framed must be in line with the Institution Vision and Mission and the same must be an effective reflection from the NBA POs, ABET SOs and any national / international accreditation boards/council for the respective course/program. POs can be statements of 10 to 12. COs of 03 to 06. When the POs and COs are mapped/correlated with the necessary measurable tools then the student can do or demonstrate their learnings/experiences. The mapping keywords to be correlated with the Bloom's Taxonomy.

Learning outcomes provide only signposts to the main areas of learning that the programme team, or programme committee intend. They cannot, and should not, hope to cover all that a student may get out of a course. Students are likely to have many other outcomes from their learning experience (such as increased confidence, personal satisfaction, new insights, improved skills, better job prospects and so on) which may not necessarily be on the list of 'intended' learning outcomes.

21.Distance education/online education:

Kalasalingam Academy of Research and Education (KARE), has always adapted to the changing times and has leveraged technology to enhance the learning effectiveness for its students. The teaching in the classroom has long moved from a teacher-centric, black-board focussed approach, to the use of multiple audio-visual tools and the teacher becoming more of a learning facilitator. Almost all our classrooms now have been enabled by tools from IMPARTUS, to capture and store live classroom lectures, that can be accessed by students anytime later too.

At KARE, we started digitising our own library resources, as well as acquiring the access to globally well-known content. Some of such resources are listed below:

1. Membership of National Digital Library of India (NDLI), an all-digital library that stores information about different types of digital content.
2. All the online courses of NPTEL (National Programme on Technology Enhanced Learning) are available on a local server, for easy access through our Intranet.
3. All the e-books published by Springer and ProQuest are available to our students.

4. A setup is established as A-V room to enable upto 250 students to attend the lectures being broadcast through SWAYAM PRABHA (DTH channels) (<https://www.swayamprabha.gov.in>).
5. We are one of the scanning partners for the Universal Digital Library of Carnegie Mellon University (USA).
6. Subscription of a large number of online journals and magazines of National and International repute.

Since May 2020, we have been effectively conducting online lectures, using Google Meet, to deal with the restrictions imposed in the wake of Covid pandemic. Internally, we conducted many training sessions to help our faculty members smoothly transition to the new mode of teaching.

In parallel, we created our own MOOC (<http://moo.c.kalasalingam.ac.in/>), which helps us in:

1. Storing and assigning all our learning resources (reading material, audio-video content);
2. Facilitating a discussion between the faculty and the students through a Discussion Forum;
3. Storing self-assessment questions (MCQs as well as those requiring descriptive answers);
4. Giving assignments and evaluating them.

To help create the video content, we established a recording studio, with technicians to assist with the recording.

Now, we plan to use all of the above resources to offer formal UG and PG Degree programs to working professionals, from the comfort of their homes. Some of these will be offered as Online learning programs, while some will be offered in the Open Distance Education mode, with the latter having some classroom sessions on the weekends. We have already received regulatory approval for the following programs:

Online Learning: BBA, B.Com., B.C.A, M.C.A, MA (English), MCA, M.Sc. (Data Science)

Distance Education: BBA, B.Com., BCA, BA (English), MA (English), MBA, MCA, MSW.

Going forward, we would also explore the possibility of offering a select number of courses, in an online mode, to our regular students studying on our campus.

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	58
1.2 Number of departments offering academic programmes	28
2.Student	
2.1 Number of students during the year	6466
2.2 Number of outgoing / final year students during the year:	1678
2.3 Number of students appeared in the University examination during the year	6336
2.4 Number of revaluation applications during the year	0
3.Academic	
3.1 Number of courses in all Programmes during the year	2652
3.2 Number of full time teachers during the year	517
3.3 Number of sanctioned posts during the year	517
4.Institution	
4.1 Number of eligible applications received for admissions to all the	66765

Programmes during the year	
4.2	1313
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
4.3	222
Total number of classrooms and seminar halls	
4.4	2274
Total number of computers in the campus for academic purpose	
4.5	14062.5
Total expenditure excluding salary during the year (INR in lakhs)	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The KARE curriculum updation policy provides a framework for curriculum development and revision throughout a program's lifecycle that is purposeful and intentional and is student-centred regardless of the mode of delivery. Clearly drafted program and course learning outcomes support this student-centred curriculum. Curriculum development is accomplished in accordance with:

- Academic, industry, and/or community needs-based changes
- Pedagogy or instructional methodology-based changes
- Student's needs-based changes
- Regional, national, and international needs-based changes
- Professional bodies recommended changes
- Regulatory authorities (AICTE/UGC/CoA) imposing changes

Curriculum accommodates diversity within our communities and evolves consistently to deliver a respectful learning environment.

KARE will ensure that the curriculum:

1. Has consistency with the vision and mission of the institute.

2. Has student-centred learning environment.
3. Has outcomes-based right from course content, learning resources, learning activities, assessment, and evaluation, and have all the factors aligned with the program and course outcomes.
4. Has compiled the policies and standards of statutory and regulatory bodies.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

58

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

386

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

386

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

58

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

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

The curricula structure of the programs offered at KARE has its roots emerging/emanating out of cross-cutting issues such as gender equality, human values recognition, work, and professional ethics to be adopted and maintenance and preservation of the environment, and to have sustainability. The institution addresses the issues through Credit courses, complementary courses (mandatory, audit) mechanisms in the curriculum, and other activities.

The curriculum and regulation of the institution address the issues above in one of the following categories like Humanities & Social Sciences (HSS), Humanities Elective (HE), Mandatory Courses (MC), Internship/Industrial Training (IIT), Professional Elective (PE), and Open Elective (OE) & through complementary courses.

The issues are addressed through various extension activities in the form of clubs like Nature Club, Fine Arts Club, Photography Club, Green Army Club, National Service Scheme (NSS), National Cadet Corps (NCC), Youth Red Cross (YRC), and Women Empowerment Cell (WEC).

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

150

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above**1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year**

5074

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

4936

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System**1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni**

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

2652

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

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

1313

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

A. Strategies for Advanced Learners

- Advanced learners are given the opportunity to enroll in one credit courses that are outside of the conventional curricular syllabus. The course content is tailored to the demands of the industrial sector, and the lectures are provided by an industry expert.
- The Training and Placement Office provides students with soft skill and technical skill placement training and invites companies to recruit students on campus. Students can also apply for

internships at the companies where they are placed at the end of the seventh semester.

- Students are encouraged to enrol in NPTEL SWAYAM online courses and transfer their credits to elective courses.

B. Slow learners

- Slow learners are assessed by their performance on internal and external exams. After-class remedial sessions are set up to cater to students individually, with course lecturers spending additional time with them to improve their academic performance.

- Slow learners are offered the option to take bridge courses to assist them master basic ideas before the semester begins.

- Slow learners are given a specially created question bank and animated videos to assist in their understanding throughout exams.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://ssrnaac2022.kalasalingam.ac.in/index.php/s/a68m2XyXxrwnf4r

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
6466	517

File Description	Documents
Upload relevant supporting document	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

Kalasalingam Academy of Research and Education greatly emphasizes on the quality of teaching learning process by adopting various methodologies. The main objective of student centric methods in teaching and learning process is to facilitate both the learners and

teachers to compete professionally by understanding the essence of the learning concepts. The figure below depicts the student centric teaching- learning methods which are adopted in KARE.

- KARE follows OBE for all the programs offered by the university. To emphasize experiential learning, laboratory courses, theory with practical courses, and integrated courses are offered along with theory courses.
- KARE has state-of-the-art laboratories that are used by students to get their theoretical concepts experienced through practice. Laboratory experience enhances practical knowledge and strengthens learnings. Students are given time slots to perform additional experimental work.
- Autonomy in teaching and evaluation is given to select-faculty members to bring in more practical skills and experiential learning. This initiative has received very encouraging response from students and faculty.
- Complex laboratory experiments, report writings workshops, debates, and theme-oriented enacting programs are arranged to motivate students.

Interactive teaching tools like Edmodo, Kahoot, and Google Classroom are extensively used.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

KARE ascribes a great importance to quality enhancement in teaching-learning process which is ensured by the Teaching and Learning Policy. The Teaching and learning environment in KARE is augmented with ICT enabled teaching methodologies which are widely adopted by 100% of faculty members in all the courses.

- Information & Communications Technology (ICT) enabled teaching methodologies using cutting-edge technology are being followed by the faculty members in classrooms and seminar halls.
- Multimedia teaching aids like Impartus video recording facilities, flipped classrooms, LCD projectors, classrooms with internet-enabled computer/laptops/tablet systems are used

in all the classrooms. Almost, 85% of the courses were captured through Impartus platform which are also available for reusability.

- The faculty members effectively utilize Audio-Visual aids to demonstrate the concepts to the students using the resources from the National Programme on Technology Enhanced Learning (NPTEL) to enhance the learning experience.
- Video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library.

Students are given the same opportunity through another avenue mentored by faculty members through online webinars, assignments and exercises to train them in the sustainable development goals.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

475

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

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

517

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

263

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

33

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

5.5

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

0

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The evaluation process and reforms are intense and ensures a transparent automated flow system with step-by-step practices. The office of Controller of Examinations has set Standard Operating Procedures for each process and enables timely completion of activities and the system to be user friendly.

KARE employs digital platforms such as Student Information System (SIS) and EDU-KARE as IT integration and reforms for the evaluation process on day to day basis. All process related to examinations such as timetable, seating details, question paper generation, mark and grade entries, result publication and issuing of certificates are processed digitally.

The unique features of KARE are as follows:

- 1) Approval / auditing of internal question papers by the programme coordinator (senior faculty),
- 2) Setting of end semester question paper(s) by external faculties,
- 3) Conduction of examinations on slot-wise basis to ensure free-flow of strength between batches,
- 4) Evaluation of answer scripts by external faculties,
- 5) Absolute and relative grading patterns are practiced based on the mode and type of course

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual	A. 100% automation of entire division & implementation of Examination Management System (EMS)
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
2.6 - Student Performance and Learning Outcomes	
2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents	
<ul style="list-style-type: none"> • KARE adopted Outcome Based Education (OBE) for the programs offered at the undergraduate level by defining the learning outcomes focusing on the graduate attributes stated by the NBA from 2014. Six B.Tech programs are accredited by NBA and the remaining programs have adopted OBE and are in the process of getting accredited. Eleven programs are accredited by ABET. • The Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are drafted in line with the University Vision and Mission. The steps towards how a student achieves the outcomes are shown below. The mappings of COs with POs and PSOs are shown in the course plan, laboratory manual and Community Service Project reports of the students to materialize the outcomes which are integrated with the Department and KARE vision and mission. • A series of workshops were arranged to orient faculty members on OBE, Blooms Taxonomy verbs, Graduate Attributes and formation of POs, PSOs and COs. External Experts from reputed institutions shared their expertise during the sessions. <p>Various assessment tools (such as examinations, quizzes and assignments) are used to evaluate and map the student performance to the respective COs.</p>	
File Description	Documents
Upload relevant supporting document	View File
2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are	

evaluated by the institution during the year

Assessment of Course Outcomes (COs):

- Course outcome attainment is calculated from all Course related assessments
- The assessment process uses both direct (80%) and indirect (20%) measures to measure the attainment of each outcome.

Direct Assessment (Theory Courses):

- **Sessional Examinations:** The assessment tool is initiated during the sessional examination which is held twice in a semester. Each and every sessional examination will focus on attainment of each course outcome during the semester. If the COs are found to be not attained in the sessional examination, then, corresponding actions for improvement of the particular COs will be taken in order to improve the attainment of CO in the subsequent end semester.
- **End Semester Examination:** End semester examination is a metric for assessing the attainment of COs for a particular course at the end of the semester. End Semester questions are framed to consider all COs for assessment.

Assignments: An assignment is a qualitative performance assessment tool designed to assess the student's knowledge on engineering practices. It is a metric used to assess student's analytical and problem-solving abilities. Assignments should cover higher order Blooms Taxonomy cognition levels.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

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

1582

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 web link)

<https://kalasalingam.ac.in/wp-content/uploads/2022/09/NAAC-SSS-2020-21.pdf>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Promotion of Research and Facilities**

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Over the years, the KARE has created a conducive research environment through a well-defined Research Promotion Policy (RPP) tenured every 3-years in line with the Institute's vision of long-term research growth. The RPP is to effectively strategize planning, implementation, and impact analysis to stimulate research and innovation among the stakeholders. KARE has been continuously upgrading the research infrastructure with the support of the Atal Innovation Mission and achieving funding projects. KARE also provides research incentives, and travel supports to encourage faculty members to contribute to peer-reviewed publications and patents. Moreover, KARE supports Post-Doctoral research, training, workshops, and conferences. The seed money proposal scheme of KARE has been remarkably growing, where the proposal of state-of-the-art technology or facility is contested for financial assistance by any of the faculty/research groups. The proposals received every semester through a Standard Operating Procedure (SOP) are reviewed by the Seed Money Grant Approval Committee and University Research Board (URB) for subsequent approval of the Board of Management. With the effective execution of the methods above, KARE has accomplished exponential growth in research publications, as evidenced by an institute h-index of -79 (Scopus database) and an overall field-weighted citation impact of 1.07, according to SciVal Overview.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

140.33

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

109

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

87

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research
Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court
Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

313.45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

376.30

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

KARE has Innovation and Entrepreneurship Development Centre since

2014, in association with NSTEDB, Department of Science and Technology, to systematize an entrepreneurial culture in Technopreneurship. IEDC& IIC encourages pre-incubation specialities for student projects through orientation and awareness camps starting from the first to the subsequent year. The primary tools to support our efforts are education on business plans, government & private funding, grants, skill- development, industry training, and real-time case studies. In the third year of grooming, students submit their business proposals where KARE supports training for project models and submit them for funding in both government and private agencies. IEDC has organized 50+ events, including camps, FDPs, Technology & Skill Development Programs, Hackathons, ideation programmes, Demo Day, domain-specific seminars and visits to several entrepreneurship centres. KARE-IEDC through IPR Cell has resulted in 57 patents in the assessment year.

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

81

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

81

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

54

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
- 3. Plagiarism check**
- 4. Research Advisory Committee**

A. All of the above

File Description	Documents
Upload relevant supporting document	View File

**3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards
Commendation and monetary incentive at a University function
Commendation and medal at a University function
Certificate of honor
Announcement in the Newsletter / website**

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

57

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

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

153

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

D. Any 2 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
6587	5490

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
78	70

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

KARE supports dynamic revolution through sustainable industrial bonding through its Policy. Accordingly, KARE encourages the faculty members to undertake consultancy services to solve industrial problems and facilitate the resources with defined terms and protocols. In general, KARE faculty members can take up to 35 days for consultancy in an academic year; however, the period is extendable based the mutual interest. The agreements with clients are honored and acknowledged prior under the directorate of consultancy. The revenue sharing is a predefined proportion

indicated in the Policy. KARE promotes the faculty expertise in the brochures and website and renders its sophisticated instruments for consultancy projects. Cutting-edge technologies, including 3D printing, abrasive water jet, electron-discharge machining, and CNC are available at KARE for product development. Furthermore, KARE facilitates Industry-institute interactions through training and seminars to adjoin industry experts and faculty members. Recent technology transfers, such as wastewater management, AI, ML, EV, and biotechnology research, are growing fields at KARE in industrial consultancy. KARE has rendered consultancy in energy auditing for industries and government sectors with the facilities available in the CO2 Sequestration Research Lab. KARE's startup and IPR policies support these activities.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

586.93

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The KARE has been committed to serving society for over 3 decades, impacting social development. Following a defined policy of Extension and Outreach, KARE has contributed to nearby schools and communities in line with the national welfare policies & priorities. The NSS, NCC, Green Army, Youth Red Cross, and the clubs are functioning to sensitize our students' social commitment and holistic development. The KARE's curriculum includes community service projects and non-CGPA credit scores for NSS and NCC participation to inspire and nurture the students' capability of skillful implementation of National Missions and schemes. Several

initiatives have been taken in outreach in nearby villages such as Malli, Mullikkulam, Pillaiyarnatham, Vadugapatti Viluppanur, etc, in community awareness on health & hygiene, cleanliness, farming innovation, voting, digital payments, and several other components of sustainable growth. The 16 programs were organized by KARE during the assessment period, including each activity detail and the impact on students & the community.

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1495

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

91

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

11

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

KARE spans over a sprawling 163 acres campus with a built-up area of 26,25,435 sq. feet. KARE has 211 classrooms for UG and PG programs. All the classrooms are equipped with LCD projectors, Wi-Fi connectivity and a Green Board/Whiteboard. 30% of the classrooms are facilitated with lecture capturing systems. All the classrooms

follow the standards of UGC, AICTE and the Council of Architecture. Each floor on the academic blocks has notice boards, toilets for men, women and differently-abled. Ramps are available at all academic and administrative buildings to facilitate differently-abled persons. Lifts are also available at all academic buildings with more than 3 storeys. 11 Seminar halls are available to conduct various events such as seminars, conferences, guest lectures, cultural activities, etc. All the seminar halls are equipped with audio, projection facility, LAN, Wi-Fi Facility and sufficient power back with Generator and UPS. KARE has 145 well-established laboratories for hands-on training to UG and PG students. In addition, an International Research Centre (IRC) with state-of-the-art facilities. KARE has 2 GBPS Internet bandwidth and over 649 Wi-Fi access points. In total, 2833 computer systems are available and out of which 2274 are exclusively earmarked for use by the students.

File Description	Documents
Upload relevant supporting document	View File

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

The K. S. Krishnan auditorium in the institution is well-structured, with a large seating capacity of more than 1000. It provides the right ambiance and environment for presentations and conducting various events such as workshops, conferences, seminars, symposiums, guest lectures, etc. The indoor stadium was established in 2000 with multipurpose wooden floorings and floodlights where games like Badminton, Volleyball, and Kabaddi are played. Sports like Taekwondo, Wrestling, and Judo are practiced on the ground floor of the indoor stadium. The outdoor sports arena has a 400 Mts standard track with 8 lanes raised border for athletics events. Basketball, Tennis and Volleyball courts to conduct various state-level events. In addition, a Ball Badminton court, Cricket, football field, handball court, Hockey field, Kabaddi court, Kho-Kho court, and throw ball court are available on the campus for conducting tournaments. KARE has a standard swimming pool established in 2013 with 50M x 25M dimensions with 8 lanes and starting blocks. A swimming pool is well maintained with a modern filtration plant and chlorination facility. Yoga practice is given to students at "Kalvi Vallal" Thiru. T. Kalasalingam memorial hall with 11500 square feet with the capacity of 75 students to do yoga at a time.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

KARE has State-of-the-art 24x7 Wi-Fi enabled campus caters to the needs of the students and the staff. The hostels are well-equipped, spacious, and impeccably maintained, serving multi-cuisine food with a dining capacity of 3000. There are four boys' hostels with 1220 rooms and three girls' hostels with 698 rooms can provide accommodation for 4500 students. A well-furnished guest house, catering to the needs of visiting guests and parents is available. 30 out of 38 rooms have an A/C facility and are provided with amenities such as television, wi-fi, etc. 6 Staff quarters are available to provide residential facilities for the teaching and the supporting staff. Water supply is maintained 24x7 throughout the campus. KARE also have facilities such as health care centre with ambulance service, mineral water plant, sewage treatment plant with 800KLD capacity, Transport facility with AC and Non-AC buses, E - Vehicles and Bicycles for in campus mobility, power backup with generator and UPS, banking, postal services, hairdressing, beauty parlour, tailoring shop, laundry service, multi-cuisine food court, ice-cream parlour, stationery shop, Agri farm and vegetable shop. KARE has solar power generation capacity of 791.22kW, in addition to it 152 Solar streetlights brighten the campus conserving energy.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4640

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The library services have been automated using KOHA, a full-featured Open-Source Integrated Library System (ILS). It is browser-based, interactive, user-friendly software, designed to meet the users' needs.

KOHA Facilitates:

- Acquisition
- Cataloguing (WebOPAC - Accessing the availability of books, renewing and submitting purchase suggestions online)
- Circulation
- Serial control
- Integrated with student's login page SIS
- Multiuser support.

- Basic and advanced search
- Alert services for new arrivals of books and journal issues.
- Online reservation and renewal.

Digitization

- The Library is equipped with a high-speed scanner (up to 25ppm/10ipm (300 dpi)) for document scanning.
- The library has 65 computers, internet, scanning, and reprographic facilities to search, download and print documents.
- An Institutional Repository has been created using Open-Source software 'DSpace' to provide online access to the scholarly contents.
- Library provides online access to the subscribed e-journals, e-books, e-databases, and RAXter research discovery tool.
- DELNET and NDL membership facilitates members to access the resource from other libraries.
- More than 30,000 hours of video courses developed under NPTEL have been procured and online access is provided.
- The digital versions of the Ph.D. theses submitted to the institution have been uploaded to the Shodhganga repository.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular

A. Any 4 or all of the above

subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

File Description	Documents
Upload relevant supporting document	View File

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

160.72

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

2186

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

222

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

KARE maintains a well formularized IT policy for all its stake holders functioning under Academics, Research and Administration. The scope of the policy covers internet and network access, data storage and retrieval, maintaining login credentials, disaster

management, power-backup, in-house software development, considering the safety and security of information.

The IT policy covers all the IT infrastructure in Campus, Network and Security. This includes, 2 GBPS internet connectivity from Jio and BSNL, high speed internet connectivity with all administrative, academic blocks and hostels through fibre optic cables, wireless internet connectivity, access to video lectures stored in Impartus Lecture Capturing System which are created through the devices installed in various classrooms, CCTV surveillance cameras that are installed across the campus to ensure the safety and security of inmates, Cyberoam 2500iNG-XP (Next Generation Firewall), desktop Virtualization facility, the data centre hosting many servers which act as a backbone of IT operations inside the campus, servers available in the campus for various purposes include ERP, Biometric, Accreditation and Ranking, COE office management.

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
6466	2274

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year**

72,07,75,000

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	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.

Physical facilities such as air conditioning systems, biogas plant, electrical, solar panel, Sewage treatment plant, Reverse osmosis plant, gardening, plumbing, carpentry work, rainwater harvesting areas, HACCP of our institution are maintained through the Estate Office. This office comprises of a team of civil engineers, electrical engineers, plumbers and carpenters gardeners and other workers. Housekeeping services of academic, administrative and other areas are undertaken by a team headed by the Sanitary Inspector. The laboratory assistant takes care of the maintenance and minor repair works of his / her laboratory equipment. All the complaints are registered through an E ticketing system KAlasalingam Facilities and Complaints Addressing System (KAFKA) or eo@klu.ac.in. Minor repair and maintenance works are carried out in house while major repair works are outsourced. Major facilities are maintained through annual maintenance contract. The networking department takes care of the maintenance of ICT and the wi-fi facility of the entire campus. Physical Director and his team takes care of the periodical maintenance of the sports arena, utilities and gym. Librarian and his team do continuous monitoring and verification of the stock, display of new arrivals on the display racks and arrangement of the books in the proper racks.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Total number of students benefited by scholarships and free ships provided by the**

institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

6007

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

10908

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation 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

• All of the above

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

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

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

546

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

1498

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

150

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

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

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

KARE has a Student Council which is represented by the selected group of students. It is the student body which promotes the participation of the students in most of the decision making bodies. KARE strongly believes in participative management and gives the opportunity to students to voice their opinion in the curricular, co-curricular and extracurricular activities. The council also helps in honing the administrative skills and leadership qualities amongst students. The council meets usually twice during every academic year. The Student Council comprises student members from various departments.

The Student Council is to manage and governing student needs at different levels of the institution. It is essential to advising the students on the progress of academic programs and student-learning experiences to express their opinion to the administrative bodies of the Institution. Student Council has to ensure pleasurable impression for smooth conduction of academic activities in the Institute premises and actively take part in the activities like Technical and skills development programs, assessments, Group Discussions and Mock Interviews. In addition to the Student Council, students also represent various committees for smooth functioning of KARE.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

The Alumni Association has been registered as a society under section 10 of Tamil Nadu Act 27 of 1975 having registration number 63/2008 with 24,000+ members. The Alumni Association supports/coordinates various events organized by the university every year where the alumni serve as resource persons for guest lectures, training programs, one-credit courses, faculty development programs, and conferences. The Alumni also serve as the member of BoS, program advisory committee member and also coordinate the placement activities. In addition, the Alumni also render financial support for infrastructure development, modernization of seminar halls, class rooms and lab equipment's. The Alumni also Serve as role models for students through distinguished services in different fields of service and facilitate in organizing Alumni Reunion events. The Alumni Association provides a platform for interaction between alumni, present students, faculties and administration.

File Description	Documents
Upload relevant supporting document	View File

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

A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision: "To be a Center of Excellence of International Repute in Education and Research".

Mission: "To Produce Technically Competent, Socially Committed Technocrats and Administrators through Quality Education and Research".

- Curricula are developed for the holistic development of students to gain the information, skills, solve societal problems and uphold national and global standards.
- KARE has received DST grants to establish the National Center for Advance Research in Discrete Mathematics.
- IQAC monitors internally the quality of education through various committees.
- KARE has signed MoU with National and International Institutions and Industries.
- The administrative organogram of the university depicts the role and responsibility of each of the functional head. School is headed by the Dean who is responsible to administer the functions of the departments attached to his/her school. Deans report to the Vice-Chancellor who is the Chairman of the Board of Management which is highest decision-making body.
- Each school is granted operational autonomy for Academics, planning of Extra/Co-curricular activities, Budget allocation and operation, etc. The Program Advisory Board of each department provides timely advice and suggestions in ensuring seamless functioning of the department.

All the statutory bodies of KARE function according to well-defined policies and procedures

File Description	Documents
Upload relevant supporting document	View File

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

- KARE developed a 10-year Strategic Plan (Vision-2026). Annual Strategic Perspective Plan is prepared by the office of IQAC every year based on the feedback received from the various sections of the Stakeholders. IQAC will review the progress of this Plan.
- KARE follows a decentralized and participative management in decision making.
- A bottom-up approach is adopted including all stakeholders in planning and execution of various Policies.

- ERP software modules developed in-house like Exam Administrative System (EASY), Parents Corner (PACO), Attendance Information and Maintenance System (AIMS), Staff Attendance and Leave Tracking (SALT) and Student Information System (SIS), helps the university in extending the autonomy.
- Class committee comprising student members and faculty helps the department in efficient deployment and utilization of its resources and time.
- Various statutory and non-statutory committees such as Board of studies, Anti-ragging, Grievance redressal, Gender equity cell, Library committee, Women empowerment cell, Alumni cell, and Hostel committee contribute towards framing of policies and SoPs as prescribed by AICTE/UGC.

Board of Management, Academic Council, Planning and Monitoring Board and Finance Committee comprises of members drawn out from various stakeholders and these committees take active role in nurturing the growth of the university.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The Strategic Plan contains various key performance indicators which cover the entire academic, Research and administration of the university. Key performance indicators (KPI) included in the Strategic Plan focused towards:

1. Strengthening of Teaching Learning
2. Impetus to Research, Development and Consultancy
3. Patents and Entrepreneurship
4. Infrastructure
5. Accreditations and Rankings
6. Green Campus
7. Outreach Activities

The university has taken utmost care in achieving the prescribed KPIs to the fullest extent. On the Academic front the university overhauled its course-curriculum adopting the principles of lifelong learning and creation of global employees. Implementation of CBCS across all the programs offered by the university resulted in

flexible curriculum.

A well-thought-out research promotion policy helped the university in achieving excellence in Research Publications, increase in number of funded research projects, both by Government and private sector. As an outcome of the same university made progress in creation of IPR and patents.

Learning infrastructure included procurement of campus wide MATLAB, upgradation and augmentation of laboratory infrastructure and ICT facilities. Sustained efforts towards achieving the goals prescribed in the strategic plan resulted in greater NAAC scores and better NIRF rankings.

File Description	Documents
Upload relevant supporting document	View File

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

The Board of Management Meeting is conducted once in every three months. It is effective by approving the Action taken Report in every successive meeting.

KARE has active Academic Council along with External experts from Industries. The Meeting conducted thrice in a year. Board of Studies have the practice of getting the feedback from each section of stakeholders for revision of curriculum and member from Industry to ensure the curriculum as per the industry needs.

The Planning and Monitoring Board and Finance committee also effective by conducting the meetings as per the Regulations.

KARE has following Non- Statutory Bodies:

1. Internal Quality Assurance Cell
2. Anti Ragging Committee,
3. Anti-Ragging Squad,
4. Student Grievance and Redressal committee,
5. Internal Complaints Committee,
6. Anti-Discrimination Committee,
7. Women Empowerment cell.

In addition to Memorandum of Association (MoA), KARE has created Service rule book of the Institution, Powers and Duties of officers

and faculty, e-Governance Policy, Admission Policy, Research Policy, IT Policy IPR Policy, e-Waste Policy, Energy Policy, Faculty Appraisal and Promotion Policy etc., for effective and efficient functioning of the University. Each faculty appointed in the institution should comply with Service Rules of the Institution.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

KARE has well defined Policy on Career Advancement Scheme (CAS) for Appraisal and Promotions.

A faculty submits his/her self-appraisal to the HoD. The HoD verifies the faculty contribution and forwards his/her recommendation to the School Dean. The Dean offers his/her recommendation after conducting the discussion with the faculty members and submits to the IQAC office. The IQAC submits the analysis to the Vice-Chancellor for approval.

KARE follows a transparent performance-based system for promotion. The Vice Chancellor's office invites promotion application from faculty members once in a year. The committee constituted by Vice Chancellor scrutinizes the applications based on the CAS Policy and recommends the shortlisted candidates to the Vice-Chancellor for final decision.

The below are the welfare measures for teaching and non teaching staff:

Professional development allowance

Rewards and 'out of term' promotions

Sponsorship for seminars, workshops, conferences, FDPs

Support for self-development

Revenue share in consultancy projects

Well-furnished quarters

Free Medical Treatment

Guest House Accommodation for senior faculty

Individual cabins

Sabbatical leave

Sponsored patent filing

Advanced grant

Incentive for incubation initiatives

Reduced work load for faculty involving research

Organization of sensitization program on gender issue by ICC cell

File Description	Documents
Upload relevant supporting document	View File

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

317

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

83

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total 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)

416

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

KARE has well- defined policy on Resource Mobilization and Optimum Utilization of Resources. The main purpose of Resource Mobilization and Optimum Utilization of Resource Policy is to ensure the Accountability and Transparency.

The main goal of the strategy for mobilization of funds is to ensure adequate funds flow for maintenance and development expenses for growth and expansion as per KARE -Strategic Plan (Vision plan)- 2026.

The revenues are from tuition fees, interest on the corpus fund, philanthropic support including industry and alumni contributions, consultancy, non-Government funds and research grantsservice revenue such as housing and dining, Infrastructure rent such as Usage of

Auditorium, Swimming pool and sports facilities by the nearby community and government organizations. The core expenses include salaries and benefits for the staff, academic and administrative support, operation and maintenance existing infrastructure, expenses towards new infrastructure and facilities, and student services including financial aid and scholarships.

KARE plans its utilization of financial resources through the Annual Budget. The Annual Budget is prepared based on the actual expenditure of the previous year and proposed academic and administrative development. This budget is ratified by the Finance Committee and approved by the Board of Management.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

30.84

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

38.5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

KARE has well defined Audit policy in terms of conducting Internal and Statutory Auditing. The Institution maintains the Financial Accounting every financial year starting from April to March.

The Main purpose of conducting Internal Auditing is to ensure

continuous critical appraisal of the functioning of each departments of the Institution and to suggest improvements thereto and strengthen the overall governance of the Institution. Internal Auditing is done once in every quarter. The Audit Schedule is prepared to conduct Internal Audit. The prior notification will be sent to every office of the University before the auditing Process. The Audit team thoroughly checks all transactions initiated under various departments of the University. The action taken report and observations during the auditing will be submitted to the Finance Committee and the same will be approved by the Board of Management.

KARE invites external auditor to conduct annual statutory audit in terms of, transaction audit, compliance audit and submit their reports annually.

The External auditor scrutinizes the bank accounts, financial statements and ledgers of the institution with reference to its transactions. A Compliance report will be prepared based on the Objections and Comments given by the External Auditors.

File Description	Documents
Upload relevant supporting document	View File

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

IQAC has taken several initiatives to ensure quality in all aspects,

I. Design and Implementation of Quality Metrics

II. Detailed Rubrics for Academic Audit

III. Rubrics for Administrative Audit

IV.AAA

V. Stakeholder Feedback Analysis on curriculum and other dimensions

VI. Online Data Collection and Documentation of activities

VII. Enriched API system

VIII. Instituting IQAC awards for Departments, Faculty and Students.

IX. Autonomy based Course

X. Student mentoring

XI. Advanced slow learners initiatives

IQAC- KARE has contributed a lot in the academic and administrative growth aspect. IQAC has categorized all the activities of faculty members and students into 4 major categories as faculty member participation, students' participation, research and consultancy and events organized. These parameters are measured both quantitatively and qualitatively. The auditing process adopted by the IQAC has dual purpose viz., to audit the process as well as to train the faculty to meet the compliance. IQAC obtains feedback from Students (on Teaching-Learning-Evaluation and Placement training programme), Alumni and Recruiters. AAA audit also performed yearly by the IQAC. With reference to UGC API, the IQAC office has developed its own customized enriched version of API system which is in implementation for the past 2 academic years.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 4 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

Development of Quality Parameter Metrics:

After the last NAAC accreditation, IQAC has refined the existing quality parameter metrics. A healthy competitive spirit was created among the departments by a quantitative assessment of the quality parameters.

Quality Initiatives in Administrative Aspects:

IQAC has come up with parameters for the performance evaluation of the central administrative offices..

Promoting ICT usage:

The Impartus video capture facility is installed in classrooms and the faculty who are actively engaged in using the Impartus are recognized during the annual IQAC day function.

Online Data Collection and Automation of Processes:

IQAC developed in-house software for online collection of data. Online system is implemented in a full-fledged way for conducting entrance examination, payment of all fee, course registration, mark and attendance details, hostel & transport booking, grievance registering, faculty and student data collection system, sanction of leaves etc.

Quality of Student Projects:

Project auditing and recognizing both the students and faculty guides during the IQAC day function is one of the initiatives which has contributed to the quality enhancement.

Training and Creating Leadership:

IQAC instituted the concept of mentor-mentee system wherein a faculty mentors a couple of other faculty members in teaching, research and administrative functions.

File Description	Documents
Upload relevant supporting document	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

The institution values gender equity and parity, and has promulgated the necessary policies for the same guiding the female gender to transit right from education to employment. Rightful opportunities are given to female faculty members in Academia and Research, and female students are highly motivated to take part in co-curricular and extra-curricular events. Women Empowerment Cell at the varsity renders an effective functionary in the uplift of women community.

Academic and Research Initiatives

- Scholarships to female candidates during Admission excelling academic- and sports-wise.
- Courses Related to Gender sensitization across various programs
- Equal Research opportunities
- Appointment of Faculty Members and staff in various portfolios

Co-curricular and Extra-curricular activities

- NSS and NCC activities participation by female students. 40% of NSS volunteers are female students.
- Availability of Female Physical Director.
- Periodic organization of gender sensitization programs for faculty members and students.

Facilities

The institution provides the following facilities for women:

- Safety and Security round the clock
- Counselling sessions through experts
- Common room facilities for women across the campus
- Day-care centre for faculty members and staff
- Shower Rooms and Lockers at swimming pool

Impact of the Initiatives

- Fellowship and Awards earned by the faculty members
- Successful female Entrepreneurs
- Women Alumni exceling in career

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	KARE is dedicated to offer equal opportunities to all its stakeholders and ensures gender equality. The institution prioritizes sharing/dissemination of certain values and principles, such as gender equality, sensitization, inclusion, respect for human dignity, fairness and recognizes the support for a diversity of talent, morality and justice for everyone along with academic activities. The list of programmes in conjunction to the aforesaid that are being planned for the academic year 2020-21 is presented here. 1. Forms of Gender Discrimination in a Contemporary Society 2. Gender Equity- On-Going Challenges in India 3. Understanding Equal Opportunity - Concepts and Practice 4. Gender Equity and rights of men and women 5. Gender Equality, Identity and Diversity
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	CCTV surveillance Common room Counselling room Day care centre Shower rooms in swimming pool Lockers Women Security Guards Heal Centre Women Doctors and Nurses Ladies Hostels

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

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

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

Hazardous chemicals and radioactive waste management

KARE has a systematic waste management plan with the principle of Reduce, Recycle and Reuse to maintain a clean and hygienic ambience. Appropriate facilities are available to manage all categories of wastes.

Generated wastes are collected separately. Vermicomposting is practiced to convert food and agricultural wastes into manure and the compost is sold at nominal cost. Wastes of coconut sheath fibers are used for door panel manufacturing. Wood ash is processed for the production of biofertilizers. Eco-friendly construction products such as concrete bricks and paver blocks are manufactured from the construction wastes. Kitchen wastes are fed to Biogas plants and the biogas produced is used for cooking. Sericulture cocoon waste is used for making aesthetic arts; its pupae used as animal feed. KARE partners with Well-being Out of Waste by contributing 21,110 kg of paper waste for recycling, thereby saving 464 trees, annually. Sanitary napkin incinerators are affixed at girls' common washrooms for eco-friendly disposal. A robust Sewage Treatment Plants have been erected to process 800 KLD input loads, and a RO with 3000 l/h capacity. KARE has an MoU with an authenticated third party for the disposal of biomedical wastes, and E-waste disposal taken care by the certified vendor.

File Description	Documents
Upload relevant supporting document	View File

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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles

A. Any 4 or All of the above

- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	View File

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

7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy 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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

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

The faculty and students of the institution are from diverse cultural, linguistic, regional and socioeconomic environment.

The institution also offers courses on various foreign languages such as German, Mandarin, Korean, Romanian, French and National Languages such as Hindi, Malayalam, Telugu. The institution has also established a Korean and Taiwan Language Centers in collaboration with Soongsil University and Taipei Economic & Cultural Centre respectively. Korean and Mandarin courses are offered through these centers. This provides an opportunity for the students to understand and appreciate the other cultures.

To promote the inclusivity without showing the difference in terms of gender/ socio economic/ caste/ religion, the institution celebrates various festivals related to the cultural, religious and linguistic harmony. Students from various regions are allowed to participate in these celebrations thereby have a chance to understand and appreciate other cultures and their festivities. Several cultural fests organized in the institution provide niche for social interaction. Department of Catering Science and Hotel Management organize food festivals of various regions. This provides an opportunity for the campus community to appreciate and enjoy specialty foods served in other regions.

Courses like Cultural Diversity, India's Diversity and Business, Cross Cultural HRM, Mass Media, Culture & Society and Regional Cuisine offered as electives. This will provide an opportunity for the students to appreciate the diverse culture of our country.

The institution aims to create an inclusive environment to foster social integration through various training programmes to students, farmers and underprivileged community.

File Description	Documents
Upload relevant supporting document	View File

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

The HEI conducts various programs to create awareness and sensitize the students, faculty and staff about their constitutional

obligations as citizens of India. Mandatory non-credit courses on 'Indian Constitution' and 'Environmental Science' are offered to UG students.

KARE's curriculum includes a variety of courses aimed at seeding civic obligations in students.

The other programs conducted at department level in relevance are:

Voter awareness: To bring in awareness among the students and the public through a diaspora for the exercise of their votes.

Youth Parliament: To impart the feeling of nationalism, secularism and integrity in the young minds considered to be the pillars of India.

The checks and balances made during the pandemic to keep the teaching-learning processes in upswing, encouragement of students to register in NPTEL and NAD, and payment of tuition, hostel and bus fees, course registration etc., are the outlines of the institution participation in Digital India Movement.

The participation of the institution in IUCEE Annual Leadership and IECEE-EWB Student Leadership Course 2020 has funneled the ideologies towards SDG implementation and achievement. This course emphasized on the importance of developing 21st century skills including leadership skills which focuses on UN Sustainable Development Goals.

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 Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	View File

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

KARE celebrates National and International Commemorative Days, by organizing various events, to foster/spread/promote tolerance, communal harmony sprit of patriotism, international brotherhood and inclusivity amongst the students.

National Commemorative Days Celebrated

KARE celebrated the Independence Day on 15th August, Republic Day on 26th January to commemorate the enactment of Indian constitution, Teachers' Day on September 5th to mark the birth anniversary of Dr. Sarvopalli Radhakrisnan, Engineer's Day on September 15th, to commemorate the birth anniversary of Mokshagundam Visvesvaraya, National Unity Day on 30th October to commemorate the birth anniversary of Sri Sardar Valla Bhai Patel, National Youth Day on 12th January to mark the birth anniversary of Swami Vivekananda, National Service Scheme Day on September 24th and the Birth Day of Bipin Chandra Pal on November 07th. Gandhi Jayanti was celebrated on 2nd October to mark the birth anniversary of Gandhiji, Father of our nation.

International Commemorative Days Celebrated

KARE celebrated World Students' Day on October 15th to commemorate the birth anniversary of Dr A. P. J. Abdul Kalam, International Yoga Day on 21st June, World Water Day on March 22, International Yoga Day on 21st June and International Women's Day on March 08th.

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title: Upliftment of rural youth by offering comprehensive and holistic education

2. Objectives of the Practice

The primary objective of this practice is to offer holistic education that provides technical skills, critical thinking, social-awareness and instill self-confidence.

3. The Context

Developing socially conscious technocrats is the need of India. Keeping this in mind, our UG curriculum offers various opportunities including: innovative ecosystem, physical training and experiential learning with a societal relevance.

4. The Practice

The institution has developed a unique system of education which provides ample opportunity for students to develop critical thinking and to promote innovation. Various programs organized and the facilities created helps students to work on real-world problems. UG engineering students mandatorily complete Community Service Project. Student participation in co- and extra- curricular activities helps in over-all development.

5. Evidence of Success

Based on the opportunities provided, students have developed many innovative solutions resulting in patented processes/ products. Students driven projects resulted in companies established by the students.

6. Problems Encountered and Resources Required

Implementation of new initiatives is a challenging task. Though opportunity is provided not all students are enrolled in these programs. Motivation would help in bringing all the students in to the fold.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

KARE for the past few years has been fostering Innovation and Entrepreneurship among the students and faculty. The institute has established the IEDC at KARE in the academic year 2014-2015. Every year IEDC provides financial support of up to one lakh rupees for each innovative idea by the students to develop their innovative idea into products. Apart from financial support, it also provides mentoring and Infrastructural support for these projects. IEDC constantly arranges programs and camps to promote technology-based innovation and entrepreneurship among the students. This centre also

conducts various entrepreneurship events for the students that facilitate in transforming a student in to an entrepreneur.

Nine companies were started with the funding from NSTEDB as start-up grant. Two of the companies, Raj Bioelectronics and Intelligent Pvt. Ltd. and Minniayal Pvt. Ltd. are successfully operating as commercial ventures.

Kalasalingam Innovation Foundation (ACIC-KIF) started with the support of Atal Innovation Mission is arranging training programs, ideation competitions, provides laboratory facilities for product development and also helps in securing funding from investors.

7.3.2 - Plan of action for the next academic year

- Creation of Key Performance Indicators (KPI) for the quality performance analysis of various departments, central offices.
- IUCEE activities in partnership with KARE- The implementation of IUCEE Mission NEP Pilot with a Batch of First-Year students: IUCEE international experts to offer the six mini courses to a pilot batch of first year students on the following topics:
 - Leadership and Sustainability
 - Clean and Green Campus
 - Artificial Intelligence for All:
 - Introduction to Entrepreneurial Thinking
 - Design Thinking and Community-Based Design
 - Social Emotional Learning
- To include NEP components in the revised curriculum 2021 of all courses.
- Conduction of webinar/workshop on students online training themes.
- To establish KARE Taiwan Education center
- Conduction of AICTE sponsored National level competition through IEDC cell
- The importance to inculcate the NEP based practices in the university
- To sign MoU with reputed industries for augmenting more instrumentation facilities

in the campus

- To establish Center of Excellence in collaboration with Virtusa.
- To be among the top 50 institute under engineering, university and overall category in the NIRF 2022 rankings.

NAAC