



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE
• Name of the Head of the institution	Dr. M. Jagapathi Raju
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08816223332
• Alternate phone No.	9848381818
• Mobile No. (Principal)	9848773515
• Registered e-mail ID (Principal)	principalsrkrec@gmail.com
• Address	China Amiram
• City/Town	Bhimavaram
• State/UT	Andhra Pradesh
• Pin Code	534204
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	06/06/2016
• Type of Institution	Co-education
• Location	Rural

• Financial Status	UGC 2f and 12(B)				
• Name of the IQAC Co-ordinator/Director	Dr. Venu Reddy				
• Phone No.	08816222748				
• Mobile No:	7794898627				
• IQAC e-mail ID	rvenu8@srkrec.ac.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://www.srkrec.edu.in/files/mandates/AQAR_Report_2020_21.pdf				
4. Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://srkrec.edu.in/academic_calendar.php				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.42	2022	20/12/2022	19/12/2027
Cycle 1	A	3.60	2016	19/02/2016	31/12/2022
6. Date of Establishment of IQAC			02/02/2010		
7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
S.R.K.R. Engineering College	AICTE IDEA LAB	AICTE	17/06/2021	1,12,81,000	
8. Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				

9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1. National Institutional Ranking Framework (NIRF): The IQAC has initiated the following steps for improving the NIRF ranking of Institution. a. Number of Ph.D Faculty increased b. Improve the perception of the Institution 2. Atal Ranking of Institutions on Innovation Achievements (ARIIA): The IQAC has initiated the following steps for improving the ARIIA ranking of Institution. a. Establish the incubation centers with industry & government partnership. b. Organize workshops/seminars on the theme of IPR and Entrepreneurship. 3. International organization for standardization (ISO): The IQAC has conducted the Quality Audit with the standards of ISO 9001:2015. 4. e - content: In view of Students benefit, the IQAC has decided to develop the e-content in all programs. By the directions of IQAC, all the faculty are prepared the e - content for all the courses. 5. Five-Year Strategic Plan (2021-25): The IQAC prepared a Strategic plan considering the Six major goals. 1. Academic Planning, 2. Research and Innovation, 3. Infrastructure Development, 4. Examination Reforms, 5. Administrative Reforms, 6. Student Placements</p>		
12.Plan of action chalked out by IQAC at 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				
External Academic and Administrative Audit	Conducted the external Department wise Academic and Administrative Audit				
Conduct awareness IPR programs	Conducted the IPR Awareness Program with the support of NIPAM, Intellectual Property India (GoI)				
Training Program on NAAC Application	Conducted the Sensitization Programme for NAAC - Tips for cracking A++ Grade				
13. Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Governing Body</td> <td>19/07/2023</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Governing Body	19/07/2023
Name of the statutory body	Date of meeting(s)				
Governing Body	19/07/2023				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2022</td> <td>29/12/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2022	29/12/2022
Year	Date of Submission				
2022	29/12/2022				
15. Multidisciplinary / interdisciplinary					
<p>The vision of the college is to provide high-quality technical education to generate resourceful engineers and serve the nation to the best. It readily adapts itself to any system for the betterment of its various academic and social commitments. Heeding to the clarion call of the AICTE regarding the approaches envisaged by the New Education Policy (NEP-2020), SRKR Engineering College organised various webinars and expert lectures disseminating awareness among the faculty and the students. To promote the holistic academic environment, the college offers a range of multi disciplinary/interdisciplinary courses as open electives and</p>					

mandatory courses that enable the students to choose their preferred options. The institution has already initiated Minor and Honours programs. However, being an affiliated college, it adheres to the parent university for all the pedagogical transaction in terms of course structure and the content designed as per the AICTE and State Higher Education guidelines.

16.Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) is a significant provision in NEP which facilitates multiple entries and exists in the academic programs. It not only enhances the flexibility but also provides room for passion and preferred learning style. Hence, the students are allowed to take courses as per their vocational, professional, or intellectual requirements. And the academic credits earned by the students are digitally stored in ABC. Erasing the rigidity of the prescribed degree or courses offered by a university or an autonomous college, students can avail the courses of their interest. Enthused with the provisions of NEP, the students of SRKR Engineering College are earning credits through National schemes like SWAYAM, NPTEL, MOOCS, etc. Since the college is affiliated to JNTUK, the academic bank of credit concept is yet to be realised. Once the parent university paves a path for effective integration of ABC in the academic programs, SRKR Engineering College welcomes the implementation of ABC in its full spirit.

17.Skill development:

Believing that knowledge alone cannot help students face the world, focus on overall development of the students is omnipresent in the academic endeavours of SRKREC right from the inception. Without personality development and guidance in basic life skills and social abilities, students may not be able to stand out, express themselves, or face several issues in their future. Knowledge without the confidence to express opinions or make it through a job interview is of no use. Hence, students of SRKREC are groomed to communicate better, be empathetic, handle stress, and achieve professional success. Moving forward, the institution carefully gauges the requirements of both the public sector and private sector and enhances the desired skill-set making the students industry ready. In harmony with the NEP, the parent university introduced skill-oriented courses in all the programs. In addition to that, SRKREC introduced a few other skill-oriented courses in each engineering discipline keeping in view the future prospects of the students. The growing pace of innovation, both in terms of products and business models, is likely to make the job of an engineer quite challenging. With enhanced global connectivity, the

knowledge-based world reinforces the need for new sets of engineering competencies and professional skills to take on the challenges in a sustainable manner. The well-equipped laboratories in various departments of the institution significantly play a key role in providing a hands-on experience to the students. There are also special training programs and Student Development Programs (SDPs) conducted regularly to build the required technical competence in the students. On the other hand, the faculty are encouraged to actively take part in Faculty Development Programs (FDPs) and Train the Trainer programs for gaining and enriching their knowledge on advanced technologies.

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

Established in the rural backdrop, the institution, communing with the local lore, reflects the ethos of the rural environment culture and tradition in all its forms and manifestations of its academic fabric. In order to promote and integrate the local language, the indigenous art and the culture, various activities such as literary, linguistic and art-related themes are well contemplated through discussions, interactions, symposiums, etc. in local language as well, which would get the students a better societal orientation. It is this integration of local language and culture which promotes Indian Knowledge System. These subtle interactions will go a long way for students to excel in employability opportunities while the teachers and subject experts of the local language and other professionals also find their due share in building a harmonious society. The college houses a Gosaala, which sensitises students to the ancient Indian agricultural repertoire of knowledge that extols the practice of fertilising the land through cows. The institution holds the pride of having a Yagasaala, a quintessential divine place of offer in the Arsha Dharma to the mother nature. Srujana Vaatika, a centre where the students get connected to the ancient Indian art, artifacts and culinary methods, is a platform for the students of SRKR Engineering College to dwell on the ancient Indian streams of knowledge. The institution regularly conducts seminars and various events to promote the cultural and traditional stance of the region. Though the medium of instruction of all the programs in the institution is English, the faculty do switch to the local language whenever necessary to explain the concepts in order for students to understand better.

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

The institution practices Outcome Based Education (OBE) for all its programs which are designed reflecting on the regional and global

requirements. The learning outcomes are defined at the Programme level (POs/PSOs) as well as Course level (COs), and appropriate learning experiences are assessed in order to facilitate the attainment of the stated learning outcomes. All courses are designed with outcomes centered on the cognitive abilities as per Bloom's Taxonomy namely Remembering, Understanding, Applying, Analysing, Evaluating, and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsibility and ethics, as well as entrepreneurial skills so that the students contribute proactively to the economic, environmental, and social well-being of the nation. A number of seminars are conducted on OBE in the college to bring awareness among the faculty.

20.Distance education/online education:

During the Covid pandemic, SRKR Engineering college simply glided to online mode of teaching. The online classes were conducted very effectively on a Learning Management System (LMS) platform, My College Learning (MCL), developed by SRKREC students under the mentorship of the faculty. All faculty explored this facility to the best. Alongside the teaching-learning process, the evaluation procedure is also done online. Both teachers and students quickly adapted to the online mode and bettered themselves based on their experience. The institution readily finetunes itself to any progressive initiative for the collective goodness. Accordingly, various digital platforms are used effectively for engaging the classes and conducting conferences/webinars/FDPs/workshops and meetings. Despite the disadvantage of lack of face-to-face interaction, online education excelled breaking the geographical barriers creating interaction of experts and students from distant geographies. The students of SRKREC, besides offline classes, proactively take courses on SWAYAM, NPTEL, MOOCs etc., and are relentless in their academic pursuits. Post pandemic, the hybrid mode of education called 'PHYGITAL,' a combination of both online and offline resources became a new normal. SRKREC synchronizing with the NEP, easily adapted to this new normal and continuing its journey of excellence. There is also a reservoir of e-content designed by the institution for all the courses of different programs which might be of immense help for the upcoming online education facility. Once the consent is given by the parent university, JNTUK, SRKREC readily offers programs in distance mode.

Extended Profile

1.Programme

1.1

16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 6892

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 1318

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 6738

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 652

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 399

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	16
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	6892
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	1318
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	6738
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	652
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	399

Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	399	
Number of sanctioned posts for the year:		
4.Institution		
4.1	723	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	106	
Total number of Classrooms and Seminar halls		
4.3	2197	
Total number of computers on campus for academic purposes		
4.4	1803.65	
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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution implemented outcome-based education and carefully designed various OBE elements such as Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for the academic programs and courses offered in accordance with the local/regional/national/global developmental needs.

The college offers 10UG Programs and 6 PG Programs in the domain of engineering and technology. The curriculum of SRKREC is need-

based, society-driven and industry-relevant. The college adopts curricula which have direct pertinence to the developmental needs of the region, the state, the nation and the international. Keeping in view the initiatives of the Government of India, the college has rightly introduced new academic programs such as Artificial Intelligence and Machine Learning as well as Computer Science and Design during the 2021-2022 year. The college goes on par with the institutions of repute in introducing courses like Internet of Things and its applications in Electrical Engineering, CMOS Digital IC design, AI & Machine Learning, Ad-hoc and Sensor Networks, DevOps, Application Development using FULLSTACK, etc. which empower student populace in tackling the issues of current and future needs.

The institute follows the guidelines of AICTE and the affiliating university in the process of curriculum development. The professional courses can help students create awareness on cutting edge technologies, changing trends in technologies and dynamics of profession.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://srkrec.edu.in/syllabus.php

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

592

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

181

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

All programs offered in the institution have courses as part of

their curriculum that integrate the mainstream cross-cutting issues relevant to Gender, Environment & Sustainability, Human Values and Professional Ethics. For the fact that the cross cutting issues have become an even greater part of one's success on professional front, the institution offers the following courses to both UG and PG students:

1. Professional Ethics and Human Values: To integrate the intricacies of professional norms and human values for realizing a sense of completeness in the life process.

2. Essence of Indian Traditional Knowledge: To orient the young generation to the cornucopia of the scientific, philosophical, and spiritual treasure the country possesses.

3. Environmental Science: To educate students on the harmonious structure of the nature, and the impending environmental hazards the younger generation may have to encounter.

4. The Constitution of India: To educate the student community on the core construct of constitution in order for them to conduct themselves with Indian ethos.

5. Personality Development through Life Enlightenment Skills: To properly channelize the spirits of the students in terms of behavioural mores and societal morals for a greater humanistic global culture.

6. Gender: On par with an academic course on gender sensitization, the SRKREC Women Empowerment Cell conducts several gender related programs

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

6364

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

3275

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.srkrec.edu.in/files/mandates/nac/feedbacks/2021-22.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.srkrec.edu.in/files/mandates/nac/feedbacks/2021-22.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1990

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

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

723

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The teachers identify slow and fast learners based on students' academic performance based on their performance in Internal exams/semester end exams (SEE). The students who have not shown good performance in Internal exams/SEE are treated as slow learners. The students who have shown good performance in Internal

exams/SEE are treated as fast learners slow learners. To help Slow learners, a series of special and additional classes are conducted in the name of remedial classes which are dealt by the faculty of the subject concerned. In addition, every student has a faculty mentor who assesses the problems and provides the required assistance to improve the academic performance. This system has profound impact on enhancing the learning abilities of students.

Hence, the fast learners are encouraged to participate in Project based learning/Research projects/internships /Technical Symposiums such as Spardha, Supernova, Nipuna, Sanketa etc., explore advanced topics beyond the syllabus, interact with industry experts / seniors through various student bodies like IETE, CSI, ISTE etc., take self-learning classes on NPTEL/SWAYAM/IIT BOMBAY platform, learn a foreign language of their choice, engage in campus recruitment training (CRT) programs/competitive examination guidance (GATE, GRE, TOEFL, etc.). Thus, the institution holds a systematic approach for determining the learning levels and attitudes of first year students, and motivate them to perform well on the academics along with all other activities on the campus for sculpting them into promising engineers.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://srkrec.edu.in/tech.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	6892	399

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Experiential Learning:

The faculty of SRKREC strongly believe that the experiential learning plays a vital role in the improvement of student knowledge. The students are encouraged to participate in Industrial and field visits. Further, the students are encouraged to do case study works.

Participative Learning:

In addition to the talk and chalk method, the faculty include practical sessions, hands-on training, and workshops, seminars in their pedagogy. The SRKREC is also provides the self-learning classes on NPTEL/SWAYAM/IIT BOMBAY platforms. Engineering is an experimental and dynamic discipline requiring integration and application of knowledge. Hence, 30% of the curriculum involves practical sessions for better understanding of theoretical concepts. Further, every programme includes skill-based courses to provide hands-on experience to the students and fortify the skills. Besides, students engage in soft skills training, role plays, exhibitions, Hackathons etc. which fine tune their abilities to express better.

Problem Solving Methodologies:

Problem Solving methodologies followed in the institution include approaches such as project-based learning, journal review, projects, portfolio development etc. These approaches have been instrumental in promoting innovation on the campus and in fostering critical and analytical thinking among students. The project work is mandatory for all the final year students of UG and PG, which paves way to gain experience in research.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The faculty of SRKREC leverage the resources like YouTube lectures to make concepts more understandable and relevant. The departments take to the use of different digital platforms to conduct online tests to the students. Participation in webinars and online FDPs is a common practice for the faculty. Realizing the impact of ICT

tools, the college has upgraded some of the regular classrooms to ICT classrooms in every department. The library facilitates access to some of the most used online journal databases such as Elsevier, Springer, IEEE, Science Direct, ASCE, Mc Graw Hill, DELNET, J-Gate etc. This is of invaluable help to all the researchers on campus.

Some of the tools used in teaching/learning process are: Online Presentations like Google slides, Prezi, Microsoft Teams, Google Classroom and SRKREC Video Lectures

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://srkrec.edu.in/ict_tools.php
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

399

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The college prepares its own academic calendar every year before the commencement of classwork. The Dean of Academics prepares the academic calendar every year for both UG and PG programmes. This academic calendar is intended to help the teachers and the students in planning their academic activities. All the details like number of working days in a semester, number of holidays in a month with dates, the schedule of the commencement of internal and semester-end examinations, and vacation periods are provided in the academic calendar for all planning purposes. The office of the Principal ensures that the copy of the calendar reaches all the departments for further circulation and the same is displayed on

the college website.

The head of the department (HoD) prepares the work-load for each semester and allocates the work to the respective course faculty. According to the academic calendar, every faculty prepares the teaching plan in detail specifying the tasks to accomplish and the goals to achieve. The faculty execute their work in such a way that the syllabus is completed before the scheduled date of the semester[1]end examination. The teaching plan ensures that the anticipated outcomes are met in the most effective manner possible. The HoD monitors the progress of the syllabus completion. Assessment to check students' understanding is carried out at regular intervals through assignments and internal examinations. Thus, the academic calendar is crucial for the smooth conduct of the academic events of the year.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

399

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

96

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

3500

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

15.5

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Processes integrating with IT: The college brings about the required changes in the examination process by duly integrating with IT systems. The pre-examination and post-examination procedures are computerized through i-campus software. Student registration, payment of examination fee, generation of hall tickets, nominal rolls and D-forms are performed by this system in addition to the result declaration, preparation of grade sheets and provisional certificates. The answer script consists of Bar Code and Optical Mark Reader (OMR) sheet for accurate data entry. The grade sheets and provisional certificates are embedded with security features. Students can access the details of examination process such as exam notifications, time-tables and results through the online portal (www.srkrexams.in).

Continuous internal assessment system: For theory subjects: In a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective type examination is for 10 marks and descriptive type for 15 marks with the total examination duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive). The remaining 5 marks are allotted for assignments. Internal marks can be calculated with 80% weightage for the better of the two mid-term examinations and 20% weightage for other mid-term examination. For practical subjects: The internal 15 marks are distributed as follows: day to day work - 5 marks, Lab record -5 marks and 5 marks for the internal laboratory test. Viva voce is also included for practical courses, seminars and project works to enhance the presentation skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.srkrexams.in

2.6 - Student Performance and Learning Outcomes

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

In the true spirit of Outcome-Based Education (OBE) system, Sagi Rama Krishnam Raju Engineering College (SRKREC) began implementing OBE in 2016. OBE focuses on every student's accomplishment at the end of his or her graduation. The OBE system takes Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) into consideration during the process of assessment.

Mechanism of Communication:

The POs and PSOs of the programme are disseminated to all the stakeholders of the programme through:

- Display on the College website Display in HoD/staff rooms
- Display in Class rooms and Laboratories
- Display in Department notice boards
- Circulation in the stakeholders' meetings
- Circulation in Student Induction Programs

All the COs of the programmes are displayed on the college website. Further, COs are circulated to the students through the lesson plans prepared by the respective faculty

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of each programme in SRKREC is made using two methods:

1. Attainment of Course Outcomes (COs)
2. Overall attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs)

Attainment of Course Outcomes (COs)

The college adopts Direct and Indirect assessment methods to calculate the attainment of COs.

Direct Assessment Methods: COs are assessed through Sessional & Assignment Examinations, Home Assignments and Lab records. The COs are mapped against each question and CO analysis is carried out by faculty for each course and is documented. The contribution of COs is assessed at high, moderate and low levels, towards the attainment of POs/PSOs. **Semester-end Theory Examinations:** The questions in semester-end examinations are tested keeping in view all the COs as per the Blooms Taxonomy Levels. **Laboratory Courses:** Both continuous and semester-end examinations are conducted to test the attainment of CO.

Indirect Assessment Methods: The Course Survey is carried out on the students after the completion of their course.

Overall attainment of POs and PSOs

The overall attainment includes the calculation of average of POs/PSOs for all courses in a programme and student exit survey with weightage of 80 % and 20 %, respectively.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1607

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://drive.google.com/file/d/1TsSZZu0Fgf2DSxDyhVbZ_bqLINbmbkJv/view?usp=sharing

2.7 - Student Satisfaction Survey

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

http://www.srkrec.edu.in/files/mandates/naac/Student_Satisfaction_Survey_2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research being one of the mandates of higher education, Sagi Rama Krishnam Raju Engineering College (SRKREC) focuses on research through all possible means. The UG & PG programs have project work as a research component wherein students are encouraged to embark on research activities. Further, the college has 09 recognized research centres duly approved by the affiliating university, Jawaharlal Nehru Technological University, Kakinada. The college has 17 Centres of Excellence focusing on frontier areas of science and technology such as Centre for Bioinformatics, Nanotechnology Research Centre, Technology Centre, Water and Environment Technology Research Centre, Geospatial Information Centre etc. The college frequently updates its facilities for research.

The college has well defined policy for promotion of research which encourages teachers to undertake various research activities. Consequently, 3 funded research projects are undertaken by the faculty during the 2021-22 year. 45 research aspirants enrolled for PhD program in various research centers of SRKREC. There are 45 research supervisors available on the campus. The college has Plagiarism iThenticate (turnitin) software to check plagiarism.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.srkrec.edu.in/files/RND/Research_Promotion_Policy.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3.60

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

121.81

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

02

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

45

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

02

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://srkrec.edu.in/research_projects.php
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution created an eco-system for innovation, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, and incubation. The I-Hub, Incubation Centre and AICTE IDEA LAB contribute to the progress of the students by rendering skill development in the emerging technologies and encouraging the students to involve in designing and generating new ideas. The centre aims to promote and support the untapped creativity of students and assist them to become technology-based entrepreneurs. It also seeks to promote networking and forging of linkages with other constituents of the innovation chain for commercialization. It also provides support and training to the students who are interested in converting their ideas into startups. A financial grant of Rs.14,90,000 for 09 startups is sanctioned by AICTE under SAMRIDDHI scheme. Startups are incubated in the institution till it grows and reaches the commercialization stage. Nearly 50 students are involved in hands-on training to develop projects under the SAMRIDDHI Scheme. The alumni of SRKREC incubated six in-house startups in the I-Hub. The institution received Elon Motors startup grant from the International Centre for Entrepreneurship and Technology, Ahmedabad. This grant is for product development through the Nidhi Prayas Government scheme and Technology Entrepreneurship Cell existing from Dec. 2018 to the present

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.srkrec.edu.in/idealab.php

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

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

09

File Description	Documents
URL to the research page on HEI website	https://www.srkrec.edu.in/phds_enrolled.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

139

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

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

1

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/15ltD1sDIkVGvHbXgaesXoHoC88Di-Ikk/edit

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

3.4.5.1 - Total number of Citations in Scopus during the year

707

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

30

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

17.274

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

2.074

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Through the extension activities aiming at addressing social issues that lay a hindrance to harmonious societal relations, the students are trained and sensitized to deal with practical issues of various kinds in the neighbourhood community with an emphasis on decision making and volunteering skills.

Sagi Rama Krishnam Raju Engineering College (SRKREC) organizes community activities through the NSS, People Associations for Inner Engineering (PAIE), Women Empowerment Cell (WEC), Unnat Bharat Abhiyan (UBA), and Departments.

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

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

14

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

58

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

6443

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

71

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

08

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution, replete with lush green coconut trees, spans a plot area of 30 acres with about 64000 sq.mt built up area. The college has 06 departments for Engineering programmes and the supporting departments such as Mathematics and Humanities, Physics and Chemistry. Each department is highly equipped with adequate facilities and amenities for effective teaching and learning process. It has 98classrooms, 77 laboratories, 08seminar halls, 05 drawing halls, 02 auditoriums, 07 workshops, 03 computer centers and 17 centers of excellence. The campus has Wi-Fi networks with a range that covers the whole campus area which promotes the e-learning in the campus. All laboratories are fully equipped with the latest equipment as per requirements of curriculum and research.

The college is enriched with elegant and capacious buildings, smart classrooms, impressive and the state-of-the-art laboratories, seminar halls, tutorial rooms, and computer Labs as per the guidelines of various statutory bodies such as UGC, AICTE and the affiliating university (JNTU Kakinada) in addition to the conducive environment for efficacious pedagogical practices.

To facilitate the differently abled students there are ramps/lifts for buildings and separate rest rooms with western toilets. In order to promote an effective teaching leaning process (TLP) on the campus, the institution provides adequate computing facilities to its faculty and students. The college is also in possession of adequate IT facilities: 2197Computers, 95Printers, 12 Legal System Software and 31 Legal Application Software, over 300Mbps of Internet Bandwidth, 63secured WiFi connectivity access points and

12 servers.

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

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

In addition to academics, the SRKREC provides adequate facilities and encourages the students to participate in sports/games and cultural activities, which is a regular practice since its inception.

Cultural Facilities The open terrace on the top of CSE building is specially allotted for practicing and performing various cultural activities. In addition to those students use the two auditoriums (indoor and outdoor) for the cultural programs.

Yoga Facilities Yoga is a great way to balance the mental and physical health. People Association for Inner Engineering Cell (PAIE) is established in the year 2016 to organize and monitor the yoga activities for the wellbeing of the students and the faculty. The auditorium and other convenient open places accommodate daily yoga practice sessions.

Sports and Games (indoor and outdoor) Facilities The open play ground of 29546.48 sq.mt is utilized for conducting the games such as Football, Kabaddi, Handball, Tennis Courts, Basketball, and Cricket.

The gymnasium Keeping in view the health & fitness of the staff and the students, the college has set up 2 Gymnasiums. Out of which, one is exclusively for the girl students and women faculty. They are equipped with all required exercise equipment.

SRKR Engineering College is providing two types of auditoriums namely, Open Auditorium and Air Conditioned Auditorium.

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

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

106

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

682.18

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

There are four types of library facilities on the campus namely, Central Library, Digital Library, Digital Learning Centre, and Departmental Library.

Central Library In SRKREC, the central library has a carpet area of 10329Sq.feet with all modern facilities. The e-journals and print journals are available in the library. It encompasses with a reading room, a prodigious book bank, a reference section with

reprographic and scanning facility.

Digital Library: In SRKREC, the Digital Library is equipped with the state-of-the-art computing facilities to complement classroom pedagogy. It aims at improving the educational experience of the students, faculty and the staff by supporting the Research and Academic Activities. In addition, it also provides automation support to the college for day-to-day administration, research activities, courses, and assignments. The following are the list of e-journals which can be accessed from campus LAN:

- IEEE : <http://ieeexplore.ieee.org/>
- Science Direct (Elsevier) : <http://sciencedirect.com/>
- ASCE : <http://ascelibrary.org>
- Springer: <http://link.springer.com/>
- Mc Graw Hill
- J Gate

Digital Learning Centre: The Digital Learning Centre is established with an aim to promote self-learning capabilities and techniques among faculty and students of SRKREC. The following are the courses and facilities that the Digital Learning Centre offers.

- E-learning
- Swayam Courses
- IITM - NPTEL online and offline video Lectures
- IIT Bombay - Spoken Tutorials online lectures

Departmental Libraries: They contain over 28000 volumes

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://srkrec.edu.in/library.php

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

44.60

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

743

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Sagi Rama Krishnam Raju Engineering College has a well-drawn IT policy that covers the IT facilities and strives constantly to update and satisfy the demands of students and staff. The IT budget allocation is done through the funds from the management and the funds received from various grants.

Cyber Security Sonic wall 4500 gateway firewall is installed on the campus and configured with LAN and WAN settings for network

security.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
6892	2197

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: A. All four of the above
Facilities available for e-content development
Media Centre
Audio-Visual Centre
Lecture Capturing System (LCS)
Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

1069.39

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institute has strengthened itself with well-defined system for its physical, academic, and supportive facilities like laboratories, library, sports, playground, computer systems, classrooms etc. The team belonging to the construction section on the campus looks after the maintenance of overall infrastructure.

Classrooms: The Classrooms are always kept neat and hygienic regularly. Some of them are smart classrooms and are well monitored by the class teachers.

Laboratories: All the laboratories on the campus are well equipped with the required facilities as per the norms of AICTE and JNTUK. The technicians of the laboratories keep an eye on the equipment, instruments, and machinery in the labs on a regular basis and make sure they are in working condition.

IT Infrastructure: The General Computer Centre (GCC) takes care of the upkeep of computers, the LAN network, installation, and upgrades. The technicians attend to the problems of the computer, both software and hardware, and rectify the problems.

Sports: The Dept. of Physical Education keeps the playgrounds, courts, and indoor stadium in condition.

Library: The Central Library offers a conducive reading environment on the campus.

Transport Facility: The college provides bus conveyance to the nonlocal students and is looked after by an experienced staff with a properly chalked out schedule. The drivers are all licensed and well experienced professionals and are punctual.

Electrical Maintenance: The college maintenance section takes care of power supply, generators, and electrical repairs.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

4639

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

5

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	http://www.srkrec.edu.in/placements_activities.php
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

2614

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1113

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

5.2.2 - Number of outgoing students progressing to higher education

47

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - 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

90

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institution strongly believes that the students should not be limited to classroom activities, rather, they should be encouraged to take part actively in various academic, administrative bodies of the institution which help not only the college authorities and the faculty in the smooth functioning of college affairs but also the students in building leadership skills. Hence, the institution maximizes the participation of the students in the following committees.

1. Student Council
2. Internal Quality Assurance Cell (IQAC)
3. Board of Studies
4. Sports Committee
5. Hostel Committee
6. Extra-Curricular Activities Committee
7. Library Committee
8. Student Grievance Redressal Committee
9. Anti-Ragging Committee
10. Minority Committee
11. OBC Committee/Cell
12. Differently Abled Committee/Cell
13. Anti-Sexual Harassment Committee
14. Code of Conduct monitoring Committee

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

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

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

SRKR Engineering College (SRKREC) nurtures many young men and women to be the world-class engineers since its establishment in the year 1980. The renowned alumni of SRKREC are now spread across the world, contributing to the society as Engineers, Teachers, Scientists and Entrepreneurs. The alumni are making SRKREC proud of its hard work in shaping these talented brains by winning laurels at national and international levels. We are proud to say that our alumni are at the helm of several organizations globally. Today SRKREC alumni have a significant presence in USA, Europe, Middle East, and Asia. SRKREC Alumni Association was registered under the Society Registration Act XXXV of 2001. The association has brought all the earlier alumni groups together and is the only recognized Alumni Association by the college.

The alumni of SRKR conduct meets in different parts of the world every year in which the alumni give their valuable suggestions for the betterment of the institution. They show enormous interest and absolute commitment to improve the standards of the campus and to empower the students of SRKREC greatly so that they can withstand the competition and live up to the expectations of the industry. Some of them constituted annual merit scholarships, and even sponsor for poor and meritorious students and for department technical events as well. The alumni association extended helping hand in the distribution of food.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.srkrec.edu.in/alumni.php

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Institute's primary ideology and focus are expressed in its Vision, Mission, and Quality Policy, as indicated below:

Vision:

To emerge as a world-class technical institution that strives for the socio-ecological well-being of the society.

Mission:

- To upgrade teaching-learning environment with state-of-the-art infrastructure to accelerate employability and entrepreneurship.
- To promote inter-disciplinary research and innovation through institute -industry partnership.
- To nurture ethical and ecological consciousness to sustain the holistic social well-being

Academic leadership and a well-informed Governing Body (GB) work together to propel the success of any academic institution. Accordingly, the Governing Body of SRKR Engineering College, established in accordance with the UGC's recommendations, is dedicated to aligning the institution's vision and strategy with societal requirements besides the priorities of the institution. Principal, who is the academic head of the institution, is assisted by Deans, Heads of the Departments, Finance Officers, Section Heads, and Coordinators of other institute-level Committees/Cells. The various Committees/Cells that direct the day-to-day functioning of the institute include: Four Statutory Committees (Governing Body, Finance Committee, Academic Council and Boards of Studies) and Thirty Nine Non-Statutory Committees/Cells.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.srkrec.edu.in/vision_mission.php

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

The institution functions in a decentralized manner with transparent mechanism in all its activities and decisions. Well-defined policies and procedures are in place to ensure transparency in various activities of academic, research and administration. Academic related decisions are taken in the Board of Studies and Academic Council meetings. The financial decisions are made by the finance committee. The Governing Body takes policy decisions, formulates/amends rules and regulations, strategy planning, delegation of powers and responsibilities.

The Principal ensures the smooth functioning of the institution with the support of Deans and Heads of the departments. The examination related activities are planned, executed, and monitored by Controller of Examinations and Dean Examinations. At the department level, the Heads of the Departments for the smooth functioning of all academic activities. Class teachers ensure the conduct of the classes. Lab incharges take decisions for the conduct of laboratories. In addition to the regular academic activities, other co-curricular, extra-curricular, research and extension activities are planned and executed by various cells / administrative set-ups like IQAC, Library Committee, Hostel committee, Sports committee etc.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://srkrec.edu.in/organogram.php

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The IQAC has articulated Strategic plan considering with the Six major goals such as:

1. Academic Planning: Develop a comprehensive, industry aligned curriculum, implement experiential learning methods, adopt an outcome-based education framework, and foster a research oriented culture to enhance employability and academic excellence.

2. Research and Innovation: Establish research centers, innovation hubs, and industry partnerships to foster a culture of research excellence, promote entrepreneurship, and facilitate collaboration between academia and industry for mutual growth and knowledge exchange.

3. Infrastructure Development: Enhance infrastructure and create state-of-the-art facilities to support innovation, research, and effective teaching-learning practices, fostering an environment that nurtures creativity, collaboration, and academic excellence.

4. Examination Reforms: Implement effective examination reforms to ensure fair, comprehensive, and continuous assessment of students' progress, fostering critical thinking, problem solving skills, and alignment with learning outcomes, while incorporating feedback and expertise from stakeholders for continuous improvement

5. Administrative Reforms: Enhance administrative efficiency and effectiveness by streamlining processes, establishing research support systems, implementing robust communication and information management systems, and ensuring regular policy review and updates for seamless functioning of academic affairs and administrative functions.

6. Student Placements: Foster strong industry-academia collaborations, establish a dedicated training and placement cell, promote industry interactions and visits, and develop a robust alumni network to enhance placement opportunities and career prospects for students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://srkrec.edu.in/strategic_plan.php
Upload any additional information	No File Uploaded

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

The Principal as the Head of the Institution is the prime authority and takes all the decisions pertaining to the academic matters of the institution. The next level of hierarchy is the Deans, various Heads of the Departments, and the faculty members. Apart from this, the institution has the Governing Body, the Academic Council, the Board of Studies, and the Finance Committee constituted as per the UGC Autonomous guidelines. A few statutory and non-statutory committees also assist in the functioning of the institution. All administrative, academic, and financial activities are reviewed by the Governing Body to ensure administrative and academic accountability of the institution through IQAC. The resources of the college, both intellectual and infrastructural, are readily made available to the Deans, the Heads of the Departments, and the faculty concerned to carry out the programme successfully.

The concerned documents on the above are made available on the college website. Also, they are circulated to all the concerned.

File Description	Documents
Paste link to Organogram on the institution webpage	https://srkrec.edu.in/organogram.php
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

S. R. K. R. Engineering College offers various schemes to all the employees with the intention to promote efficiency and efficacy. Welfare measures for teaching and non-teaching members are not only for the development of staff but also for the organization's development.

Following are the welfare measures provided for personal and professional growth to staff by the institution:

- Employees Provident Fund
- Group Insurance for staff member
- Group Health policy
- ESI
- Employees Deposit linked insurance
- Staff Quota for Children admission
- Extension of Superannuation to staff
- Encashment of earned leaves
- Maternity Leave Encashment of Earned Leaves
- Support to staff for higher education/research
- Support to staff for attending FDP / workshops /conferences

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

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

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

587

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established a mechanism for conducting internal and external audits on financial transactions every year to ensure effective and efficient use of financial resources. Internal audit is conducted by the Internal Audit Committee of the institution. The committee thoroughly verifies the income and

expenditure details, and the compliance report of internal audit is submitted to the Management of the institution through the office of the Principal. The external audit is conducted once in every year by an external statutory auditor.

Process of the internal audit:

An Internal Finance Committee audits all vouchers on half yearly basis. The expenses incurred and revenue generated under different bills / heads like Ledgers, Cash Books, Bank Accounts, Registers, Bills, Transport Fee, Tuition Fee, Miscellaneous Fee, Library, etc., are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Principal. The same process is being followed for the last five years.

Process of the external audit:

The accounts of the college are audited by chartered accountant regularly as per the applicable acts. The auditor ensures that all payments are duly authorized and after the audit, the report is sent to the Management for review. All the queries in the process of the audit are cleared immediately along with the supporting documents within the prescribed time limits. The institution did not come across any major audit objection during the preceding years.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://srkrec.edu.in/audit.php

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilisation of Funds:

The major revenue mobilisation for the institution is through the tuition fee paid by the students. The tuition fee is payable either directly by the students or through the education loan from the banks. The students also receive scholarship, backward community scholarship, SC/ST scholarship. This revenue is usually generated in the beginning of the academic year. The students pay the examination fee for the semester-end examinations and all examination related expenditures like honorarium for question paper setting, invigilation, evaluation, result declaring board and scrutiny are met from this revenue collected. The scholarships from the government are received from time to time. The institution being a self-financed category there are no government grants other than the grants which are sanctioned based on the proposals submitted to the government funding agencies. Such grants received are spent for the exclusive purpose for which it was approved and sanctioned like infrastructure, research, skill development, innovation, start-up etc.

Utilisation of funds:

The Heads of the Departments submit the annual budget for every academic year under different heads - capital purchase, consumables, research, extension activities, innovations, etc. The department requirements are consolidated along with the other budget provisions - salary, statutory requirements such as PF, gratuity, electricity, building maintenance, electrical maintenance, laboratory equipment, maintenance, housekeeping, student welfare activities etc. The total revenue generated, and the total expenditure are arrived at and presented to the finance committee and the Governing Body.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://srkrec.edu.in/audit.php

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC is the most vibrant and highly active team in the institution whose motto is to maintain the quality culture. The IQAC team efficiently drives the institution to achieve the highest grade in its first cycle of assessment by setting up a very high benchmark. The team of IQAC comprises the Chairperson, Coordinators and the Representatives from the Management, faculty, administration, students, alumni, local society, and employers/industrialists/stakeholders.

The IQAC has implemented the following post accreditation activities during the 2021-2022 year:

1. The IQAC has initiated the following steps for improving the NIRF ranking of Institution:

- Improve the faculty number on the campus
- Improve the perception of the Institution

2. The IQAC has initiated the following steps for improving the ARIIA ranking of Institution.

- Establish the incubation centers with industry & government partnership
- Organize workshops/seminars on the theme of IPR and Entrepreneurship.

3. The IQAC has conducted the Quality Audit with the standards of ISO 9001:2015.

4. The IQAC has prepared a Strategic plan for next five years (2021-25) with Six major goals such as:

1. Academic Planning,
2. Research and Innovation,
3. Infrastructure Development,
4. Examination Reforms,
5. Administrative Reforms,
6. Student Placements

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://srkrec.edu.in/tech.php

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC at Sagi Rama Krishnam Raju Engineering College (SRKREC) has major focus on nurturing academic environment through sustenance and enhancement of teaching-learning process. Institution has well developed Teaching learning methodologies in place and are practiced persistently. From the inputs of Statuary bodies, the IQAC setup norms in periodically to review the teaching-learning process on the campus. The IQAC regularly monitors the following activities to strengthen the teaching - learning process on the campus.

1. Annual Academic audits
2. Annual Student Satisfaction Survey (SSS)
3. Annual Stakeholder Surveys
4. On OBE Process

SRKREC adopted the Outcome Based Education System (OBE) in 2016 to improve the student learning system. In this system, the teaching-learning process is reviewed by the departments. The review is done by the respective course instructors and the Programme coordinators/Heads of the Departments through proper evaluation of different outcomes like Course Outcomes (CO), Program Outcomes (PO) and Program Specific Outcomes (PSO). This review is performed through marks scored in internal examination, semester-end examinations and course-end survey collected at the end of every semester. This process helps in improving the course content, content delivery procedures and curriculum. The IQAC prepared the OBE manual with the support of Programme Assessment and Quality

Improvement Committees (PAQIC) in each department.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://srkrec.edu.in/iqac.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

As per the Constitution of 108th Amendment Bill (33% reservation for women) the girls' admissions in the engineering colleges drastically improved. In tune to this, SRKREC identified the necessity of women empowerment and established Women Empowerment Cell (WEC). The prime role and responsibility of WEC is to enhance the awareness of gender sensitization and to create an atmosphere free from any form of ragging, sexual discrimination, and sexual harassment.

Constitution of the WEC

- A senior female faculty - an In-charge
- At least one lady staff from each department as coordinator

On Campus, Facilities for Women

1. Safety and security

The campus has 24/7 security services and CCTV surveillance. The CCTVs are installed at all the gates as well as placed at strategic locations in the campus.

2. Counselling

The faculty members mentor the students. The students are encouraged to meet their mentor periodically to share their problems and come up with possible solutions.

3. Common Room

The common room is provided for girls and boys on the campus. Besides the common room, there are waiting halls in the core departments for both boys and girls separately.

4. Child Care Center

The institution has a Child Care Center for the children of SRKREC faculty to be taken care during the working hours.

5. Other facilities

In addition to the above facilities, a separate hostel with gym facility is provided to the girls. One warden, two deputy wardens and seven caretakers are working in the girls' hostel.

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas

A. Any 4 or All of the above

plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The solid waste generated on the campus is collected into Dry (non-degradable) and Wet wastes (Degradable) through the twin bin system. The bins of different colors are placed at various points in the college for collecting the Dry and Wet wastes. The Dry waste in each block of the college is collected every day and the same is transported to the places concerned. The Wet waste, especially leaf litter, generated in large quantities is collected and sent to Aerobic Composting Unit for the purpose of generating organic manure. The harvested compost (fertilizer) is utilized for the plants on the campus on regular basis. The cow dung from the Gosala of the college and the vegetable waste from the cafeteria are sent to the biogas production. The sanitary napkin vending machine and the incinerators (napkin destroyer) are placed near the wash rooms of girls' waiting hall for the purpose of hygienic disposal of sanitary pads. The campus imposes a blanket ban on single use plastic to lower the use of plastic.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

7.1.6 - Quality audits on environment and energy 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:

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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

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
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

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

Evidently, students at SRKR Engineering College are international, interstate, and regional flourishing amiably despite the economic, social, cultural, and linguistic differences. In regular classes, the students are passionate in their disinterested pursuit of knowledge, and they debate, discuss, and argue on many academic, scientific, technological and research issues without ever missing

the element of harmony and solidarity. The faculty never spares any effort to help students who come from economically, culturally, and linguistically disadvantaged backgrounds. By setting a pragmatic teaching-learning environment where education is an instrument for social, economic, and cultural change, the institution fine-tunes all aspects of the students for their better career and future. The college organizes 'Annual Day Celebrations' regularly as part of which there is 'Cultural Celebrations' where students make performances of various art forms. The various regional festivals are also organized to maintain inclusive environment campus such as Sankranti and Christmas. Further, linguistic activities are also organized to bring the all language students into single platform. The SC/ST, OBC and Minority committees are also functional on the campus to sustain an inclusive environment on the campus.

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

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

To integrate the intricacies of professional norms and morals and personal conduct for realizing a sense of completeness in the life process, the institution offers a course titled 'Professional Ethics and Human Values' to the second year students of the B.Tech. programme. Also, to educate the student community on the core construct of constitution, the course titled 'The Constitution of India' is offered in the M.tech programmes. The SRKREC also conducts some special programs on constitutional obligations such as:

- Guest Lecture on Character Building by Prof. K. Viswanada Sharma, Rastriya Sanskrit Vidyapeeth, Tirupathi
- Guest Lecture Speech on Professional Ethics by Prof. KVSG Murali Krishna, JNTUK, Kakinada
- Guest Lecture on Professional Ethics by Dr. N. Sudershna Rao, Cine Actor, Hyderabad
- Guest Lecture on Value of Voting by Sri Ramana rao, Mandal Revenue Office, Bhimavaram
- Guest Lecture on Human Values by R. Subba Rao, Professor, SRKREC

- Organized "No Tobacco" program

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized

A. All of the above

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

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

The institution celebrates all national festivals and birth anniversaries of great Indian personalities.

Some of the events are listed below:

The Republic Day

The Engineer's Day

The International Women's Day

The World Environmental Day

Holi Celebrations

Sankranthi Sambaralu

Ganesh Nimajjana

Chritamas Celebrations

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

http://srkrec.edu.in/files/docs/BEST_PRACTICES.pdf

File Description	Documents
Best practices in the Institutional website	http://srkrec.edu.in/files/docs/BEST_PRACTICES.pdf
Any other relevant information	Nil

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)

THE INSTITUTION'S DISTINCTIVE ENGAGEMENT WITH EMPOWERING RURAL STUDENTS

SRKREC is the reflection of its visionary founders who envisaged rural development through technical education. Their selflessness and collective efforts brought considerable transformation and impacted the communities around.

Research, Innovation & Entrepreneurship:

Technology Centre of SRKREC is the citadel of incubation, innovation and research paving a way for startups and centres of excellence that cater to the integrated needs of the students. It predominantly focuses on FDPs, workshops, certification programs, bootcamps, startups, hackathons, research, training, consultancy, etc. The efforts of the Centre significantly culminated in the college getting selected for the establishment of AICTE IDEA LAB.

Outreach Programs:

The Kolleru Information Centre, set up in the college, monitors, collects the desired scientific data regarding the Kolleru Lake eco system, and facilitates the decision/policy makers with necessary datasets about the economic benefits of conserving or restoring and sustainably managing the lake as opposed to its degradation and reclamation.

Value for culture & environment:

The 'Srujana Vaatika' on the campus is a platform where students explore the rich repertoire of ancient Indian knowledge and broach a philosophical discourse on a wide range of topics. It dwells on indigenous technology - generating power from earthen pots -, making handicrafts, methods to preserve ancient Indian art and knowledge system, and cultural aspects.

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution implemented outcome-based education and carefully designed various OBE elements such as Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for the academic programs and courses offered in accordance with the local/regional/national/global developmental needs.

The college offers 10UG Programs and 6 PG Programs in the domain of engineering and technology. The curriculum of SRKREC is need-based, society-driven and industry-relevant. The college adopts curricula which have direct pertinence to the developmental needs of the region, the state, the nation and the international. Keeping in view the initiatives of the Government of India, the college has rightly introduced new academic programs such as Artificial Intelligence and Machine Learning as well as Computer Science and Design during the 2021-2022 year. The college goes on par with the institutions of repute in introducing courses like Internet of Things and its applications in Electrical Engineering, CMOS Digital IC design, AI & Machine Learning, Ad-hoc and Sensor Networks, DevOps, Application Development using FULLSTACK, etc. which empower student populace in tackling the issues of current and future needs.

The institute follows the guidelines of AICTE and the affiliating university in the process of curriculum development. The professional courses can help students create awareness on cutting edge technologies, changing trends in technologies and dynamics of profession.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://srkrec.edu.in/syllabus.php

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

592

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

181

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

All programs offered in the institution have courses as part of their curriculum that integrate the mainstream cross-cutting issues relevant to Gender, Environment & Sustainability, Human Values and Professional Ethics. For the fact that the cross cutting issues have become an even greater part of one's success on professional front, the institution offers the following courses to both UG and PG students:

1. Professional Ethics and Human Values: To integrate the intricacies of professional norms and human values for realizing a sense of completeness in the life process.

2. Essence of Indian Traditional Knowledge: To orient the young generation to the cornucopia of the scientific, philosophical, and spiritual treasure the country possesses.

3. Environmental Science: To educate students on the harmonious structure of the nature, and the impending environmental hazards the younger generation may have to encounter.

4. The Constitution of India: To educate the student community on the core construct of constitution in order for them to conduct themselves with Indian ethos.

5. Personality Development through Life Enlightenment Skills: To properly channelize the spirits of the students in terms of behavioural mores and societal morals for a greater humanistic global culture.

6. Gender: On par with an academic course on gender sensitization, the SRKREC Women Empowerment Cell conducts

several gender related programs

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year**12**

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**6364**

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**3275**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System	
1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.srkrec.edu.in/files/mandates/nac/feedbacks/2021-22.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded
1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
File Description	Documents
Provide URL for stakeholders' feedback report	http://www.srkrec.edu.in/files/mandates/nac/feedbacks/2021-22.pdf
Any additional information	No File Uploaded
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
1990	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	

723

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The teachers identify slow and fast learners based on students' academic performance based on their performance in Internal exams/semester end exams (SEE). The students who have not shown good performance in Internal exams/SEE are treated as slow learners. The students who have shown good performance in Internal exams/SEE are treated as fast learners. To help slow learners, a series of special and additional classes are conducted in the name of remedial classes which are dealt by the faculty of the subject concerned. In addition, every student has a faculty mentor who assesses the problems and provides the required assistance to improve the academic performance. This system has profound impact on enhancing the learning abilities of students.

Hence, the fast learners are encouraged to participate in Project based learning/Research projects/internships /Technical Symposiums such as Spardha, Supernova, Nipuna, Sanketa etc., explore advanced topics beyond the syllabus, interact with industry experts / seniors through various student bodies like IETE, CSI, ISTE etc., take self-learning classes on NPTEL/SWAYAM/IIT BOMBAY platform, learn a foreign language of their choice, engage in campus recruitment training (CRT) programs/competitive examination guidance (GATE, GRE, TOEFL, etc.). Thus, the institution holds a systematic approach for determining the learning levels and attitudes of first year students, and motivate them to perform well on the academics along with all other activities on the campus for sculpting them into promising engineers.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://srkrec.edu.in/tech.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	6892	399

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Experiential Learning:

The faculty of SRKREC strongly believe that the experiential learning plays a vital role in the improvement of student knowledge. The students are encouraged to participate in Industrial and field visits. Further, the students are encouraged to do case study works.

Participative Learning:

In addition to the talk and chalk method, the faculty include practical sessions, hands-on training, and workshops, seminars in their pedagogy. The SRKREC is also provides the self-learning classes on NPTEL/SWAYAM/IIT BOMBAY platforms. Engineering is an experimental and dynamic discipline requiring integration and application of knowledge. Hence, 30% of the curriculum involves practical sessions for better understanding of theoretical concepts. Further, every programme includes skill-based courses to provide hands-on experience to the students and fortify the skills. Besides, students engage in soft skills training, role plays, exhibitions, Hackathons etc. which fine tune their abilities to express better.

Problem Solving Methodologies:

Problem Solving methodologies followed in the institution include approaches such as project-based learning, journal review, projects, portfolio development etc. These approaches have been instrumental in promoting innovation on the campus and in fostering critical and analytical thinking among students. The project work is mandatory for all the final year students of UG and PG, which paves way to gain experience in research.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The faculty of SRKREC leverage the resources like YouTube lectures to make concepts more understandable and relevant. The departments take to the use of different digital platforms to conduct online tests to the students. Participation in webinars and online FDPs is a common practice for the faculty. Realizing the impact of ICT tools, the college has upgraded some of the regular classrooms to ICT classrooms in every department. The library facilitates access to some of the most used online journal databases such as Elsevier, Springer, IEEE, Science Direct, ASCE, Mc Graw Hill, DELNET, J-Gate etc. This is of invaluable help to all the researchers on campus.

Some of the tools used in teaching/learning process are: Online Presentations like Google slides, Prezi, Microsoft Teams, Google Classroom and SRKREC Video Lectures

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://srkrec.edu.in/ict_tools.php
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

399

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The college prepares its own academic calendar every year before the commencement of classwork. The Dean of Academics prepares the academic calendar every year for both UG and PG programmes. This academic calendar is intended to help the teachers and the students in planning their academic activities. All the details like number of working days in a semester, number of holidays in a month with dates, the schedule of the commencement of internal and semester-end examinations, and vacation periods are provided in the academic calendar for all planning purposes. The office of the Principal ensures that the copy of the calendar reaches all the departments for further circulation and the same is displayed on the college website.

The head of the department (HoD) prepares the work-load for each semester and allocates the work to the respective course faculty. According to the academic calendar, every faculty prepares the teaching plan in detail specifying the tasks to accomplish and the goals to achieve. The faculty execute their work in such a way that the syllabus is completed before the scheduled date of the semester[1]end examination. The teaching plan ensures that the anticipated outcomes are met in the most effective manner possible. The HoD monitors the progress of the syllabus completion. Assessment to check students' understanding is carried out at regular intervals through assignments and internal examinations. Thus, the academic calendar is crucial for the smooth conduct of the academic events of the year.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

399

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

96

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

3500

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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**

15.5

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Processes integrating with IT: The college brings about the required changes in the examination process by duly integrating with IT systems. The pre-examination and post-examination procedures are computerized through i-campus software. Student registration, payment of examination fee, generation of hall tickets, nominal rolls and D-forms are performed by this system in addition to the result declaration, preparation of grade sheets and provisional certificates. The answer script consists of Bar Code and Optical Mark Reader (OMR) sheet for accurate data entry. The grade sheets and provisional certificates are embedded with security features. Students can access the details of examination process such as exam notifications, time-tables and results through the online portal (www.srkrexams.in).

Continuous internal assessment system: For theory subjects: In a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective type examination is for 10 marks and descriptive type for 15 marks with the total examination duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive). The remaining 5 marks are allotted for assignments. Internal marks can be calculated with 80% weightage for the better of the two mid-term examinations and 20% weightage for other mid-term examination. For practical subjects: The internal 15 marks are distributed as follows: day to day work - 5 marks, Lab record -5 marks and 5 marks for the internal laboratory test. Viva voce is also included for practical courses, seminars and project works to enhance the presentation skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.srkrexams.in

2.6 - Student Performance and Learning Outcomes

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

In the true spirit of Outcome-Based Education (OBE) system, Sagi Rama Krishnam Raju Engineering College (SRKREC) began implementing OBE in 2016. OBE focuses on every student's accomplishment at the end of his or her graduation. The OBE system takes Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) into consideration during the process of assessment.

Mechanism of Communication:

The POs and PSOs of the programme are disseminated to all the stakeholders of the programme through:

- Display on the College website Display in HoD/staff rooms
- Display in Class rooms and Laboratories
- Display in Department notice boards
- Circulation in the stakeholders' meetings
- Circulation in Student Induction Programs

All the COs of the programmes are displayed on the college website. Further, COs are circulated to the students through the lesson plans prepared by the respective faculty

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of each programme in SRKREC is made using two methods:

1. Attainment of Course Outcomes (COs)
2. Overall attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs)

Attainment of Course Outcomes (COs)

The college adopts Direct and Indirect assessment methods to calculate the attainment of COs.

Direct Assessment Methods: COs are assessed through Sessional & Assignment Examinations, Home Assignments and Lab records. The COs are mapped against each question and CO analysis is carried out by faculty for each course and is documented. The contribution of COs is assessed at high, moderate and low levels, towards the attainment of POs/PSOs. **Semester-end Theory Examinations:** The questions in semester-end examinations are tested keeping in view all the COs as per the Blooms Taxonomy Levels. **Laboratory Courses:** Both continuous and semester-end examinations are conducted to test the attainment of CO.

Indirect Assessment Methods: The Course Survey is carried out on the students after the completion of their course.

Overall attainment of POs and PSOs

The overall attainment includes the calculation of average of POs/PSOs for all courses in a programme and student exit survey

with weightage of 80 % and 20 %, respectively.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1607

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://drive.google.com/file/d/1TsSZZu0Fqf2DSxDyhVbZ_bq1INbmbkJv/view?usp=sharing

2.7 - Student Satisfaction Survey

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

http://www.srkrec.edu.in/files/mandates/naac/Student_Satisfaction_Survey_2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research being one of the mandates of higher education, Sagi Rama Krishnam Raju Engineering College (SRKREC) focuses on research through all possible means. The UG & PG programs have project work as a research component wherein students are encouraged to embark on research activities. Further, the

college has 09 recognized research centres duly approved by the affiliating university, Jawaharlal Nehru Technological University, Kakinada. The college has 17 Centres of Excellence focusing on frontier areas of science and technology such as Centre for Bioinformatics, Nanotechnology Research Centre, Technology Centre, Water and Environment Technology Research Centre, Geospatial Information Centre etc. The college frequently updates its facilities for research.

The college has well defined policy for promotion of research which encourages teachers to undertake various research activities. Consequently, 3 funded research projects are undertaken by the faculty during the 2021-22 year. 45 research aspirants enrolled for PhD program in various research centers of SRKREC. There are 45 research supervisors available on the campus. The college has Plagiarism iThenticate (turnitin) software to check plagiarism.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.srkrec.edu.in/files/RND/Research_Promotion_Policy.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3.60

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

121.81

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

02

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

45

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

02

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://srkrec.edu.in/research_projects.p hp
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution created an eco-system for innovation, creation and transfer of knowledge supported by dedicated centers for

research, entrepreneurship, community orientation, and incubation. The I-Hub, Incubation Centre and AICTE IDEA LAB contribute to the progress of the students by rendering skill development in the emerging technologies and encouraging the students to involve in designing and generating new ideas. The centre aims to promote and support the untapped creativity of students and assist them to become technology-based entrepreneurs. It also seeks to promote networking and forging of linkages with other constituents of the innovation chain for commercialization. It also provides support and training to the students who are interested in converting their ideas into startups. A financial grant of Rs.14,90,000 for 09 startups is sanctioned by AICTE under SAMRIDDI scheme. Startups are incubated in the institution till it grows and reaches the commercialization stage. Nearly 50 students are involved in hands-on training to develop projects under the SAMRIDDI Scheme. The alumni of SRKREC incubated six in-house startups in the I-Hub. The institution received Elon Motors startup grant from the International Centre for Entrepreneurship and Technology, Ahmedabad. This grant is for product development through the Nidhi Prayas Government scheme and Technology Entrepreneurship Cell existing from Dec. 2018 to the present

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.srkrec.edu.in/idealab.php

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

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for

A. All of the above

Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

09

File Description	Documents
URL to the research page on HEI website	https://www.srkrec.edu.in/phds_enrolled.p hp
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

139

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

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

1

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/15ltD1sDIkVGVhbXgaesXoHoC88Di-Ikk/edit

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

3.4.5.1 - Total number of Citations in Scopus during the year

707

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

30

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****17.274**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**2.074**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Through the extension activities aiming at addressing social issues that lay a hindrance to harmonious societal relations, the students are trained and sensitized to deal with practical issues of various kinds in the neighbourhood community with an

emphasis on decision making and volunteering skills.

Sagi Rama Krishnam Raju Engineering College (SRKREC) organizes community activities through the NSS, People Associations for Inner Engineering (PAIE), Women Empowerment Cell (WEC), Unnat Bharat Abhiyan (UBA), and Departments.

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

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

14

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

58

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

6443

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

71

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

08

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution, replete with lush green coconut trees, spans a plot area of 30 acres with about 64000 sq.mt built up area. The college has 06 departments for Engineering programmes and the supporting departments such as Mathematics and Humanities, Physics and Chemistry. Each department is highly equipped with adequate facilities and amenities for effective teaching and

learning process. It has 98 classrooms, 77 laboratories, 08 seminar halls, 05 drawing halls, 02 auditoriums, 07 workshops, 03 computer centers and 17 centers of excellence. The campus has Wi-Fi networks with a range that covers the whole campus area which promotes the e-learning in the campus. All laboratories are fully equipped with the latest equipment as per requirements of curriculum and research.

The college is enriched with elegant and capacious buildings, smart classrooms, impressive and the state-of-the-art laboratories, seminar halls, tutorial rooms, and computer Labs as per the guidelines of various statutory bodies such as UGC, AICTE and the affiliating university (JNTU Kakinada) in addition to the conducive environment for efficacious pedagogical practices.

To facilitate the differently abled students there are ramps/lifts for buildings and separate rest rooms with western toilets. In order to promote an effective teaching learning process (TLP) on the campus, the institution provides adequate computing facilities to its faculty and students. The college is also in possession of adequate IT facilities: 2197 Computers, 95 Printers, 12 Legal System Software and 31 Legal Application Software, over 300Mbps of Internet Bandwidth, 63 secured WiFi connectivity access points and 12 servers.

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

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

In addition to academics, the SRKREC provides adequate facilities and encourages the students to participate in sports/games and cultural activities, which is a regular practice since its inception.

Cultural Facilities The open terrace on the top of CSE building is specially allotted for practicing and performing various cultural activities. In addition to those students use the two auditoriums (indoor and outdoor) for the cultural programs.

Yoga Facilities Yoga is a great way to balance the mental and physical health. People Association for Inner Engineering Cell (PAIE) is established in the year 2016 to organize and monitor the yoga activities for the wellbeing of the students and the faculty. The auditorium and other convenient open places accommodate daily yoga practice sessions.

Sports and Games (indoor and outdoor) Facilities The open play ground of 29546.48 sq.mt is utilized for conducting the games such as Football, Kabaddi, Handball, Tennis Courts, Basketball, and Cricket.

The gymnasium Keeping in view the health & fitness of the staff and the students, the college has set up 2 Gymnasiums. Out of which, one is exclusively for the girl students and women faculty. They are equipped with all required exercise equipment.

SRKR Engineering College is providing two types of auditoriums namely, Open Auditorium and Air Conditioned Auditorium.

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

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

106

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

682.18

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

There are four types of library facilities on the campus namely, Central Library, Digital Library, Digital Learning Centre, and Departmental Library.

Central Library In SRKREC, the central library has a carpet area of 10329Sq.feet with all modern facilities. The e-journals and print journals are available in the library. It encompasses with a reading room, a prodigious book bank, a reference section with reprographic and scanning facility.

Digital Library: In SRKREC, the Digital Library is equipped with the state-of-the-art computing facilities to complement classroom pedagogy. It aims at improving the educational experience of the students, faculty and the staff by supporting the Research and Academic Activities. In addition, it also provides automation support to the college for day-to-day administration, research activities, courses, and assignments. The following are the list of e-journals which can be accessed from campus LAN:

- IEEE : <http://ieeexplore.ieee.org/>
- Science Direct (Elsevier) : <http://sciencedirect.com/>
- ASCE : <http://ascelibrary.org>
- Springer: <http://link.springer.com/>
- Mc Graw Hill
- J Gate

Digital Learning Centre: The Digital Learning Centre is established with an aim to promote self-learning capabilities and techniques among faculty and students of SRKREC. The following are the courses and facilities that the Digital Learning Centre offers.

- **E-learning**
- **Swayam Courses**
- **IITM - NPTEL online and offline video Lectures**
- **IIT Bombay - Spoken Tutorials online lectures**

Departmental Libraries: They contain over 28000volumes

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://srkrec.edu.in/library.php

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

44.60

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

743

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Sagi Rama Krishnam Raju Engineering College has a well-drawn IT policy that covers the IT facilities and strives constantly to update and satisfy the demands of students and staff. The IT budget allocation is done through the funds from the management and the funds received from various grants.

Cyber Security Sonic wall 4500 gateway firewall is installed on the campus and configured with LAN and WAN settings for network security.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
6892	2197

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

1069.39

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institute has strengthened itself with well-defined system for its physical, academic, and supportive facilities like laboratories, library, sports, playground, computer systems, classrooms etc. The team belonging to the construction section on the campus looks after the maintenance of overall infrastructure.

Classrooms: The Classrooms are always kept neat and hygienic regularly. Some of them are smart classrooms and are well monitored by the class teachers.

Laboratories: All the laboratories on the campus are well equipped with the required facilities as per the norms of AICTE and JNTUK. The technicians of the laboratories keep an eye on the equipment, instruments, and machinery in the labs on a regular basis and make sure they are in working condition.

IT Infrastructure: The General Computer Centre (GCC) takes care of the upkeep of computers, the LAN network, installation, and upgrades. The technicians attend to the problems of the computer, both software and hardware, and rectify the problems.

Sports: The Dept. of Physical Education keeps the playgrounds, courts, and indoor stadium in condition.

Library: The Central Library offers a conducive reading environment on the campus.

Transport Facility: The college provides bus conveyance to the nonlocal students and is looked after by an experienced staff with a properly chalked out schedule. The drivers are all licensed and well experienced professionals and are punctual.

Electrical Maintenance: The college maintenance section takes care of power supply, generators, and electrical repairs.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

4639

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

5

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	http://www.srkrec.edu.in/placements_activities.php
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

2614

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1113

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

5.2.2 - Number of outgoing students progressing to higher education

47

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - 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

90

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institution strongly believes that the students should not be limited to classroom activities, rather, they should be encouraged to take part actively in various academic, administrative bodies of the institution which help not only the college authorities and the faculty in the smooth functioning

of college affairs but also the students in building leadership skills. Hence, the institution maximizes the participation of the students in the following committees.

1. Student Council
2. Internal Quality Assurance Cell (IQAC)
3. Board of Studies
4. Sports Committee
5. Hostel Committee
6. Extra-Curricular Activities Committee
7. Library Committee
8. Student Grievance Redressal Committee
9. Anti-Ragging Committee
10. Minority Committee
11. OBC Committee/Cell
12. Differently Abled Committee/Cell
13. Anti-Sexual Harassment Committee
14. Code of Conduct monitoring Committee

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

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

23

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

SRKR Engineering College (SRKREC) nurtures many young men and women to be the world-class engineers since its establishment in the year 1980. The renowned alumni of SRKREC are now spread

across the world, contributing to the society as Engineers, Teachers, Scientists and Entrepreneurs. The alumni are making SRKREC proud of its hard work in shaping these talented brains by winning laurels at national and international levels. We are proud to say that our alumni are at the helm of several organizations globally. Today SRKREC alumni have a significant presence in USA, Europe, Middle East, and Asia. SRKREC Alumni Association was registered under the Society Registration Act XXXV of 2001. The association has brought all the earlier alumni groups together and is the only recognized Alumni Association by the college.

The alumni of SRKR conduct meets in different parts of the world every year in which the alumni give their valuable suggestions for the betterment of the institution. They show enormous interest and absolute commitment to improve the standards of the campus and to empower the students of SRKREC greatly so that they can withstand the competition and live up to the expectations of the industry. Some of them constituted annual merit scholarships, and even sponsor for poor and meritorious students and for department technical events as well. The alumni association extended helping hand in the distribution of food.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.srkrec.edu.in/alumni.php

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs
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File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Institute's primary ideology and focus are expressed in its Vision, Mission, and Quality Policy, as indicated below:

Vision:

To emerge as a world-class technical institution that strives for the socio-ecological well-being of the society.

Mission:

- To upgrade teaching-learning environment with state-of-the-art infrastructure to accelerate employability and entrepreneurship.
- To promote inter-disciplinary research and innovation through institute -industry partnership.
- To nurture ethical and ecological consciousness to sustain the holistic social well-being

Academic leadership and a well-informed Governing Body (GB) work together to propel the success of any academic institution. Accordingly, the Governing Body of SRKR Engineering College, established in accordance with the UGC's recommendations, is dedicated to aligning the institution's vision and strategy with societal requirements besides the priorities of the institution. Principal, who is the academic head of the institution, is assisted by Deans, Heads of the Departments, Finance Officers, Section Heads, and Coordinators of other institute-level Committees/Cells. The various Committees/Cells that direct the day-to-day functioning of the institute include: Four Statutory Committees (Governing Body, Finance Committee, Academic Council and Boards of Studies) and Thirty Nine Non-Statutory Committees/Cells.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.srkrec.edu.in/vision_mission.p hp

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

The institution functions in a decentralized manner with transparent mechanism in all its activities and decisions. Well-defined policies and procedures are in place to ensure transparency in various activities of academic, research and administration. Academic related decisions are taken in the

Board of Studies and Academic Council meetings. The financial decisions are made by the finance committee. The Governing Body takes policy decisions, formulates/amends rules and regulations, strategy planning, delegation of powers and responsibilities.

The Principal ensures the smooth functioning of the institution with the support of Deans and Heads of the departments. The examination related activities are planned, executed, and monitored by Controller of Examinations and Dean Examinations. At the department level, the Heads of the Departments for the smooth functioning of all academic activities. Class teachers ensure the conduct of the classes. Lab incharges take decisions for the conduct of laboratories. In addition to the regular academic activities, other co-curricular, extra-curricular, research and extension activities are planned and executed by various cells / administrative set-ups like IQAC, Library Committee, Hostel committee, Sports committee etc.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://srkrec.edu.in/organogram.php

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The IQAC has articulated Strategic plan considering with the Six major goals such as:

1. Academic Planning: Develop a comprehensive, industry aligned curriculum, implement experiential learning methods, adopt an outcome-based education framework, and foster a research oriented culture to enhance employability and academic excellence.

2. Research and Innovation: Establish research centers, innovation hubs, and industry partnerships to foster a culture of research excellence, promote entrepreneurship, and

facilitate collaboration between academia and industry for mutual growth and knowledge exchange.

3. Infrastructure Development: Enhance infrastructure and create state-of-the-art facilities to support innovation, research, and effective teaching-learning practices, fostering an environment that nurtures creativity, collaboration, and academic excellence.

4. Examination Reforms: Implement effective examination reforms to ensure fair, comprehensive, and continuous assessment of students' progress, fostering critical thinking, problem solving skills, and alignment with learning outcomes, while incorporating feedback and expertise from stakeholders for continuous improvement

5. Administrative Reforms: Enhance administrative efficiency and effectiveness by streamlining processes, establishing research support systems, implementing robust communication and information management systems, and ensuring regular policy review and updates for seamless functioning of academic affairs and administrative functions.

6. Student Placements: Foster strong industry-academia collaborations, establish a dedicated training and placement cell, promote industry interactions and visits, and develop a robust alumni network to enhance placement opportunities and career prospects for students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://srkrec.edu.in/strategic_plan.php
Upload any additional information	No File Uploaded

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

The Principal as the Head of the Institution is the prime authority and takes all the decisions pertaining to the academic matters of the institution. The next level of hierarchy is the Deans, various Heads of the Departments, and the faculty members. Apart from this, the institution has the

Governing Body, the Academic Council, the Board of Studies, and the Finance Committee constituted as per the UGC Autonomous guidelines. A few statutory and non-statutory committees also assist in the functioning of the institution. All administrative, academic, and financial activities are reviewed by the Governing Body to ensure administrative and academic accountability of the institution through IQAC. The resources of the college, both intellectual and infrastructural, are readily made available to the Deans, the Heads of the Departments, and the faculty concerned to carry out the programme successfully.

The concerned documents on the above are made available on the college website. Also, they are circulated to all the concerned.

File Description	Documents
Paste link to Organogram on the institution webpage	https://srkrec.edu.in/organogram.php
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

S. R. K. R. Engineering College offers various schemes to all the employees with the intention to promote efficiency and efficacy. Welfare measures for teaching and non-teaching members are not only for the development of staff but also for the organization's development.

Following are the welfare measures provided for personal and professional growth to staff by the institution:

- Employees Provident Fund
- Group Insurance for staff member
- Group Health policy
- ESI
- Employees Deposit linked insurance
- Staff Quota for Children admission
- Extension of Superannuation to staff
- Encashment of earned leaves
- Maternity Leave Encashment of Earned Leaves
- Support to staff for higher education/research
- Support to staff for attending FDP / workshops /conferences

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

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

4

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

587

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established a mechanism for conducting internal and external audits on financial transactions every year to ensure effective and efficient use of financial resources. Internal audit is conducted by the Internal Audit Committee of the institution. The committee thoroughly verifies the income and expenditure details, and the compliance report of internal audit is submitted to the Management of the institution through the office of the Principal. The external audit is conducted once in every year by an external statutory auditor.

Process of the internal audit:

An Internal Finance Committee audits all vouchers on half yearly basis. The expenses incurred and revenue generated under different bills / heads like Ledgers, Cash Books, Bank

Accounts, Registers, Bills, Transport Fee, Tuition Fee, Miscellaneous Fee, Library, etc., are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Principal. The same process is being followed for the last five years.

Process of the external audit:

The accounts of the college are audited by chartered accountant regularly as per the applicable acts. The auditor ensures that all payments are duly authorized and after the audit, the report is sent to the Management for review. All the queries in the process of the audit are cleared immediately along with the supporting documents within the prescribed time limits. The institution did not come across any major audit objection during the preceding years.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://srkrec.edu.in/audit.php

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilisation of Funds:

The major revenue mobilisation for the institution is through the tuition fee paid by the students. The tuition fee is payable either directly by the students or through the education loan from the banks. The students also receive

scholarship, backward community scholarship, SC/ST scholarship. This revenue is usually generated in the beginning of the academic year. The students pay the examination fee for the semester-end examinations and all examination related expenditures like honorarium for question paper setting, invigilation, evaluation, result declaring board and scrutiny are met from this revenue collected. The scholarships from the government are received from time to time. The institution being a self-financed category there are no government grants other than the grants which are sanctioned based on the proposals submitted to the government funding agencies. Such grants received are spent for the exclusive purpose for which it was approved and sanctioned like infrastructure, research, skill development, innovation, start-up etc.

Utilisation of funds:

The Heads of the Departments submit the annual budget for every academic year under different heads - capital purchase, consumables, research, extension activities, innovations, etc. The department requirements are consolidated along with the other budget provisions - salary, statutory requirements such as PF, gratuity, electricity, building maintenance, electrical maintenance, laboratory equipment, maintenance, housekeeping, student welfare activities etc. The total revenue generated, and the total expenditure are arrived at and presented to the finance committee and the Governing Body.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://srkrec.edu.in/audit.php

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC is the most vibrant and highly active team in the institution whose motto is to maintain the quality culture. The IQAC team efficiently drives the institution to achieve the highest grade in its first cycle of assessment by setting up a

very high benchmark. The team of IQAC comprises the Chairperson, Coordinators and the Representatives from the Management, faculty, administration, students, alumni, local society, and employers/industrialists/stakeholders.

The IQAC has implemented the following post accreditation activities during the 2021-2022 year:

1. The IQAC has initiated the following steps for improving the NIRF ranking of Institution:

- Improve the faculty number on the campus
- Improve the perception of the Institution

2. The IQAC has initiated the following steps for improving the ARIIA ranking of Institution.

- Establish the incubation centers with industry & government partnership
- Organize workshops/seminars on the theme of IPR and Entrepreneurship.

3. The IQAC has conducted the Quality Audit with the standards of ISO 9001:2015.

4. The IQAC has prepared a Strategic plan for next five years (2021-25) with Six major goals such as:

1. Academic Planning,
2. Research and Innovation,
3. Infrastructure Development,
4. Examination Reforms,
5. Administrative Reforms,
6. Student Placements

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://srkrec.edu.in/tech.php

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC at Sagi Rama Krishnam Raju Engineering College (SRKREC) has major focus on nurturing academic environment through sustenance and enhancement of teaching-learning process. Institution has well developed Teaching learning methodologies in place and are practiced persistently. From the inputs of Statuary bodies, the IQAC setup norms in periodically to review the teaching-learning process on the campus. The IQAC regularly monitors the following activities to strengthen the teaching - learning process on the campus.

1. Annual Academic audits
2. Annual Student Satisfaction Survey (SSS)
3. Annual Stakeholder Surveys
4. On OBE Process

SRKREC adopted the Outcome Based Education System (OBE) in 2016 to improve the student learning system. In this system, the teaching-learning process is reviewed by the departments. The review is done by the respective course instructors and the Programme coordinators/Heads of the Departments through proper evaluation of different outcomes like Course Outcomes (CO), Program Outcomes (PO) and Program Specific Outcomes (PSO). This review is performed through marks scored in internal examination, semester-end examinations and course-end survey collected at the end of every semester. This process helps in improving the course content, content delivery procedures and curriculum. The IQAC prepared the OBE manual with the support of Programme Assessment and Quality Improvement Committees (PAQIC) in each department.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://srkrec.edu.in/igac.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

As per the Constitution of 108th Amendment Bill (33% reservation for women) the girls' admissions in the engineering colleges drastically improved. In tune to this, SRKREC identified the necessity of women empowerment and established Women Empowerment Cell (WEC). The prime role and responsibility of WEC is to enhance the awareness of gender sensitization and to create an atmosphere free from any form of ragging, sexual discrimination, and sexual harassment.

Constitution of the WEC

- A senior female faculty - an In-charge
- At least one lady staff from each department as coordinator

On Campus, Facilities for Women

1. Safety and security

The campus has 24/7 security services and CCTV surveillance. The CCTVs are installed at all the gates as well as placed at strategic locations in the campus.

2. Counselling

The faculty members mentor the students. The students are encouraged to meet their mentor periodically to share their problems and come up with possible solutions.

3. Common Room

The common room is provided for girls and boys on the campus. Besides the common room, there are waiting halls in the core departments for both boys and girls separately.

4. Child Care Center

The institution has a Child Care Center for the children of SRKREC faculty to be taken care during the working hours.

5. Other facilities

In addition to the above facilities, a separate hostel with gym facility is provided to the girls. One warden, two deputy wardens and seven caretakers are working in the girls' hostel.

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

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
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The solid waste generated on the campus is collected into Dry (non-degradable) and Wet wastes (Degradable) through the twin bin system. The bins of different colors are placed at various points in the college for collecting the Dry and Wet wastes. The Dry waste in each block of the college is collected every day and the same is transported to the places concerned. The Wet waste, especially leaf litter, generated in large

quantities is collected and sent to Aerobic Composting Unit for the purpose of generating organic manure. The harvested compost (fertilizer) is utilized for the plants on the campus on regular basis. The cow dung from the Gosala of the college and the vegetable waste from the cafeteria are sent to the biogas production. The sanitary napkin vending machine and the incinerators (napkin destroyer) are placed near the wash rooms of girls' waiting hall for the purpose of hygienic disposal of sanitary pads. The campus imposes a blanket ban on single use plastic to lower the use of plastic.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

7.1.6 - Quality audits on environment and energy 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
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

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:

A. Any 4 or all of the above

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

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

Evidently, students at SRKR Engineering College are international, interstate, and regional flourishing amiably despite the economic, social, cultural, and linguistic differences. In regular classes, the students are passionate in their disinterested pursuit of knowledge, and they debate, discuss, and argue on many academic, scientific, technological and research issues without ever missing the element of harmony and solidarity. The faculty never spares any effort to help students who come from economically, culturally, and linguistically disadvantaged backgrounds. By setting a pragmatic teaching-learning environment where education is an instrument for social, economic, and cultural change, the institution fine-tunes all aspects of the students for their better career and future. The college organizes 'Annual Day Celebrations' regularly as part of which there is 'Cultural Celebrations' where students make performances of various art forms. The various regional festivals are also organized to maintain inclusive environment campus such as Sankranti and Christmas. Further, linguistic activities are also organized to bring the all language students into single platform. The SC/ST, OBC and Minority committees are also functional on the campus to sustain an inclusive environment on the campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:	
<p>To integrate the intricacies of professional norms and morals and personal conduct for realizing a sense of completeness in the life process, the institution offers a course titled 'Professional Ethics and Human Values' to the second year students of the B.Tech. programme. Also, to educate the student community on the core construct of constitution, the course titled 'The Constitution of India' is offered in the M.tech programmes. The SRKREC also conducts some special programs on constitutional obligations such as:</p> <ul style="list-style-type: none"> • Guest Lecture on Character Building by Prof. K. Viswanada Sharma, Rastriya Sanskrit Vidyapeeth, Tirupathi • Guest Lecture Speech on Professional Ethics by Prof. KVSG Murali Krishna, JNTUK, Kakinada • Guest Lecture on Professional Ethics by Dr. N. Sudershna Rao, Cine Actor, Hyderabad • Guest Lecture on Value of Voting by Sri Ramana rao, Mandal Revenue Office, Bhimavaram • Guest Lecture on Human Values by R. Subba Rao, Professor, SRKREC • Organized "No Tobacco" program 	
File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded
7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization	A. All of the above

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 the Code of Conduct are organized

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

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

The institution celebrates all national festivals and birth anniversaries of great Indian personalities.

Some of the events are listed below:

The Republic Day

The Engineer's Day

The International Women's Day

The World Environmental Day

Holi Celebrations

Sankranti Sambaralu

Ganesh Nimajjana

Chritamas Celebrations

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

http://srkrec.edu.in/files/docs/BEST_PRACTICES.pdf

File Description	Documents
Best practices in the Institutional website	http://srkrec.edu.in/files/docs/BEST_PRACTICES.pdf
Any other relevant information	Nil

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)

THE INSTITUTION'S DISTINCTIVE ENGAGEMENT WITH EMPOWERING RURAL STUDENTS

SRKREC is the reflection of its visionary founders who envisaged rural development through technical education. Their selflessness and collective efforts brought considerable transformation and impacted the communities around.

Research, Innovation & Entrepreneurship:

Technology Centre of SRKREC is the citadel of incubation, innovation and research paving a way for startups and centres of excellence that cater to the integrated needs of the students. It predominantly focuses on FDPs, workshops, certification programs, bootcamps, startups, hackathons, research, training, consultancy, etc. The efforts of the Centre significantly culminated in the college getting selected for

the establishment of AICTE IDEA LAB.

Outreach Programs:

The Kolleru Information Centre, set up in the college, monitors, collects the desired scientific data regarding the Kolleru Lake eco system, and facilitates the decision/policy makers with necessary datasets about the economic benefits of conserving or restoring and sustainably managing the lake as opposed to its degradation and reclamation.

Value for culture & environment:

The 'Srujana Vaatika' on the campus is a platform where students explore the rich repertoire of ancient Indian knowledge and broach a philosophical discourse on a wide range of topics. It dwells on indigenous technology - generating power from earthen pots -, making handicrafts, methods to preserve ancient Indian art and knowledge system, and cultural aspects.

File Description	Documents
Appropriate link in the institutional website	http://srkrec.edu.in/files/docs/DISTINCTV_ENESS_WEBSITE.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Submit the Application for NBA Accreditation
2. Conduct the surveillance audit for ISO certification
3. Introduce the Gender sensitization course in the curriculum
4. Efforts made to increase the Funding for idea developments/startups
5. Efforts made to enhance the Ph.D faculty on the campus.