

SELF STUDY REPORT
FOR
3rd CYCLE OF ACCREDITATION

SULLAMUSSALAM SCIENCE COLLEGE

**SULLAMUSSALAM SCIENCE COLLEGE UGRAPURAM(PO) AREEKODE
673639**

www.sscollege.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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Executive Summary

Introduction:

Sullamussalam Science College is a first grade aided college affiliated to the University of Calicut, approved by the UGC and accredited by the NAAC at the 'B+' level in 2005 and reaccredited at 'A' grade in 2014. The college is located in Perumparamba on the bank of the Chaliyar, 35 km away from Calicut Town.

The college is situated in the Malappuram District which has a lower Gross Enrolment Ratio in higher education than the national average. The college strives to improve the educational status of the rural marginalised by providing them with an atmosphere conducive for their overall development. The college aims to give girls from minority communities and other marginalised sections a platform to discover their potential.

The college is run by the Muslim Educational Association, an educational organization formed in 1994. Jamiyyathul Mujahideen, Areekode formed in 1944 is the parent body of MEA. The college was founded with the objective of imparting quality education to backward minority communities in rural areas of Malabar in general and of Malappuram district in particular. The organization has always cherished value-based education. The college is venturing into new avenues of higher education. The larger enrolment of girls and minority students authenticate the institutional commitment towards equity and inclusion.

The college began in 1995 with 72 students in 3 programmes - BSc Computer Science, BSc Mathematics and BA English Literature. In 1999, the government sanctioned BSc Physics. The college was sanctioned a postgraduate program in Computer Science in 2000. The college started the postgraduate programs in English, Physics, and Mathematics in the unaided sector in 2004. B. Com Programme with Computer Application was added in 2006 in the self-financing sector. Considering the local need for graduates in the commercial and business area, the college started M. Com in 2012 and B. A. Economics and B. A. Islamic Finance with computer application in 2013. The college started two courses- B. voc Software technologies and Broadcasting and Journalism - focussed on skill education in 2014. These two innovative programmes addressed the demand of the industry for employable graduates with technical skills.

Vision:

Educating the mind for the pursuit of truth

The college envisions to ignite the minds of the students with the spark of knowledge and creativity, to generate in them the keen desire to pursue knowledge to its fullest and to instill in them the genuine love of knowledge.

It aims to hone the intellect and sensibility of the students by providing a conducive learning environment.

It strives to produce a generation of young scholars who are intellectually competent, morally upright, and socially committed.

It seeks to promote and develop a humane outlook and a strong civic sense among the student community.

It impels them to think critically, to broaden their perspectives, to understand diverse viewpoints and to develop a liberal and secular social outlook.

It seeks to enable the students to realize their full potential, to transform their personalities, to cultivate a humanitarian outlook and to make them better human beings.

It seeks to illuminate the minds of the students with the torch of knowledge, to empower them through proper acquisition of knowledge, and to enable them to seek truth.

Mission:

To uplift the status of the rural and the socially marginalized through education and to help students embark on a journey of intellectual transformation with a global vision

The college seeks to effect a healthy balance between the three pronged aim of ensuring equity, access and quality in education. Located in a rural area, the college caters to the educational needs of students hailing from the socially marginalized sections of the society. The college has served as a beacon of excellence since its inception and has accommodated students from the most underprivileged categories. It seeks to provide state-of-the-art infrastructural and technological facilities, to create a sound academic ambience and a conducive teaching learning environment. It seeks to expose students to newer avenues of thought, to hone their skills, increase their knowledge level and prepare them for job. It seeks to mould the personalities of the students and equip them with the knowhow demanded by both the local and global market. It seeks to equip them with technology, linguistic skills and in depth knowledge in their respective areas. It also strives to promote an interdisciplinary approach to education and enable students to think beyond boundaries. In keeping with the global move towards interdisciplinarity and multidisciplinary, it equips students with the expertise to approach their discipline from an interdisciplinary perspective. It seeks to cultivate an ambient research culture and thereby generate new knowledge. It seeks the holistic development of the individual which includes the intellectual, physical, emotional and moral dimensions. It promotes a global vision and facilitates students to keep abreast of the latest trends and innovations in their respective fields and exposes students to newer vistas of learning. It strives to instill in the students ideals of liberalism and secularism and to mould the youth into committed and responsible citizens.

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Institutional Strength :

Academic Friendly Management: Academicians and visionaries in the management recognize the significance of education and its value among the students and support the teaching community in its ventures.

Research- Oriented Faculty: Majority of the teachers in the college are engaged in active research. Out of 24 permanent teaching faculty, eleven of them hold Ph. D. Teachers publish articles and monographs in refereed national and international journals. A new Research center under the department of computer science has started in 2019. Departments organize 'Research Workshops' exclusively for faculty members inviting eminent scholars from outside. The teachers are constantly involved in motivating the students, organizing workshops and developing innovative programs.

Student Enrichment Programs: We have evolved a wide variety of student enrichment programs. The foundation course (bridge course) at the beginning of the programme, aims to identify and develop the competence of fresh graduates. The syllabus and methodology are updated in tune with the latest studies and methods in the respective field. The tutorial sessions continue to engage students in programs that ensure academic excellence. Constant monitoring and motivating ascertain that the students' competence improves during the program. The 'Walk with a Scholar', 'Innovation and Entrepreneurship Development Cell', and 'Career Guidance Cell' contribute in improving career prospects of students. Activities of different clubs and forums also add to the career enrichment of students.

Holistic Education: The College envisages holistic development of the youth who pursue higher education. Apart from the curricular and co-curricular activities, the institute promotes extracurricular activities aimed at promoting moral education, social commitment, and environmental consciousness. 'A House A Year' program initiated by the college to help the homeless in the locality is a novel venture and great asset for the institute.

Technology on the Campus: The College office has adopted e-governance. Teaching-learning and the library are completely ICT enabled. The college is Wi-Fi- enabled for faculty and students.

Skill-based education: The institute initiated courses that enable society employable at the earliest. The skill-based courses provided by the college aims to build a framework that allow students to apply the knowledge they acquire to real-world situations.

Institutional Weakness :

The college has limited options in core science subject courses. Many graduate courses like graduate programs in Chemistry, Botany, and Zoology are anticipated.

The delay in Centralized Admission process of the University and University Exam schedule disturbs academic year plan.

We have limited academic flexibility in designing the curriculum which we compensate from time to time through the presence of our faculty members in the Board of Studies.

Around 50% of the faculty members are not permanent due to the delay in approval of teaching post from the Government. The college is running with many self- financing courses.

The corporate sector does not hold campus interviews in rural areas as frequently as it does in urban spaces.

Institutional Opportunity :

Career Prospects in Science: Being a science college, a strong basis in basic science improves the career prospects of our students in the field of science.

Popularizing Science and Technology: Programs organized by the Department of Computer Science, Mathematics and Physics to popularize science like basic computer training, star watching, workshops and seminars in mathematics help develop scientific temper among the students and the village community around the college.

Student Exchange Programs: The college in collaboration with selected institutes around the country exchanges selected students with the purpose of educational mobility. Such schemes allow students, generally at the graduation level, to study for a period of time in a different academic environment in a different state.

Social Outreach Programmes: Our social outreach programs can be extended to more areas in the neighborhood. Expertise from both the faculty members and students can be utilized for various programs (like Green Protocol, Bio farming) for the public.

Sharing Academic Expertise: Innovative English Language Teaching (ELT) techniques, Smart lab, and Production Wing for Audio- Video Editing and shooting works can be shared with the schools in the district, local bodies and with individuals attempting competitive exams.

Sports Training: Our College can provide a football training facility with the available infrastructure which is of national standards. It can start Badminton Academy for School Students.

Scope for a new Research Centre in Mathematics: A new research center can be started under the Department of Mathematics where all permanent faculty members are Ph.D. holders and actively involved in the research.

Disaster Management Studies: Skill-based and customized courses in Disaster Management, especially considering major natural threats in the locality can be started.

More skill- based courses: Girl student drops out ratio is a challenge in rural regions. Starting new skill-based courses can help to reduce this tendency because the courses can promise immediate employment. Online courses could also be included.

Institutional Challenge :

A few seats in some courses are left vacant because some students leave the college to join medical or engineering courses after the completion of admission procedures

Some of the courses are self-financing and therefore fail to attract economically challenged but intellectually competent students.

Girl student drop- out ratio is a challenge to empowering the girl students. Poor socio- economic background, running self-financing courses plays a major role in this drop- out.

Evaluation methodology adopted by the university is not meticulous.

A three-year science degree program covering five to six disciplines, including two languages, is not effective in strengthening the professional skills of the students.

The college finds difficulty in its endeavors due to the lack of proper time-bound mechanism of the University.

Many of the male students have taken up the financial responsibility of their families. This affects their academic performance.

Criteria wise Summary

Curricular Aspects :

In order to fulfil its Vision and Mission, Sullamussalam Science College offers 7 under-graduate and five post-graduate programmes. These diverse academic programmes are imbued with well-structured curricula which incorporate contemporary knowledge, interdisciplinary learning and thrust on finding solutions to real life problems. Despite the affiliated colleges have negligible role in design and development of curriculum, the College has a well-articulated policy in implementing the curriculum designed by the University of Calicut. Our teaching faculty, who are the members of various Board of Studies and the Academic Council of the University of Calicut, are actively engaged in the curriculum structuring and give their valuable inputs and feedbacks from time to time. There is a clear focus on the learning needs of the student community as defined in the learning outcomes of the programmes and courses. Through a well-planned strategy for the implementation of the curriculum, the College ensures that students are equipped with in-depth domain knowledge, competence, creativity and innovation, experimental learning and research aptitude. In order to enhance their employability, we make sure that our students have adequate Skill Sets and Graduate Attributes and offer Placement Support. The college strongly believes in inculcation of human values, gender equity, professional ethics, environmental conservation and sustainable development among students. Syllabi of various courses addresses these issues and the College organizes various events to make sure the student community perceive them in its right sense. Value Added and Add-on programmes and other Career Oriented courses are introduced by the college to enhance the learning experiences of the students. The Choice Based Credit Semester System (CBCSS) of the University of Calicut offers flexibility to students in

choosing courses. Open Course system is also introduced in the under-graduate curriculum providing a chance for inter-disciplinary studies. Curriculum feedbacks are collected from four stakeholders - students, teachers, parents and alumni. Their responses are summarized and the reports have been submitted to the IQAC for further actions. Steps have been taken by the college to implement the recommendations by the IQAC to resolve the issues raised by stake holders.

Teaching-learning and Evaluation :

The college has taken numerous steps in implementing innovative methods of teaching and learning for imparting quality higher education among the students of various disciplines. The college has 7 programmes under CUCBCS system and 5 programmes under CUCS system. In 2017-18, the college is having 1091 students and 59 full time teachers. The college has a high enrollment percentage of 94.61, with adequate representation to socially and economically weaker sections. The socio-economic, curricular and extracurricular aspects of each student enrolled in the institution are scrutinized by the respective departments. Advanced learners are given opportunity for presenting and publishing Research Papers in conferences and Journals and for visiting prestigious institutions. Special care is also given to advanced learners in the form of 'Walk with a Scholar' programme, online courses, Nurture Workshops and so on while slow learners are given remedial coaching in the form of 'Scholar Support Programme', peer teaching, Theatre in class room role play by students and **newspaper teaching**. Student feedback is collected annually and the necessary remedial measures are taken.

The institution promotes ICT enabled teaching through the learning systems facilitated by INFLIBNET, NPTEL, Digital Resources, Virtual Classroom sessions, Blogs, e-journals, Video Lectures, Power point presentations and so on. The institution has 52 mentors in the academic year 2017-18 and 22 mentees on an average for each mentor. There are 11 PhD holders in the college during the academic year 2017-18, two of them having Guide ships. Out of the 59 full time teachers in the academic year 2017-18, 9 of them are from other states. The college has a transparent and robust evaluation system. The performance of the students is continuously monitored and is discussed and analyzed by the tutors of the individual departments. The POs, PSOs and COs are properly communicated to the students and faculty members through the college website before the beginning of each course in a timely manner. On an average, 72% of students pass in the university examinations.

Research, Innovations and Extension :

The research culture of the institution has significantly improved in the post NAAC period. The institution has an innovative ecosystem to promote research culture among students and teachers. Innovation & Entrepreneurship Development cell (IEDC) of Kerala start-up mission and Entrepreneurship Development club of the college conducted various programmes to inculcate entrepreneurial skills among the students.

Teachers in the institution have undertaken five research projects funded by University Grant Commission and Kerala State Council for science, Technology and Environment.

An IPR cell was established in the college in 2013, for promoting seminars and workshops. The cell conducted 3 International, 12 National and 28 other major seminars in this period. Our teachers have published 46 books, multiple chapters in edited volumes/books, papers in national/international journals and conference proceedings in the last five years. Three of our faculty members are research guides.

The institution has entered into 14 Linkages. We have also signed two MOUs with reputed institutions, industries, educational institutions and other recognised bodies for student and faculty exchange and extension activities.

The Institution has various clubs and forums like NSS, Students Initiative in Palliative unit, Santhwanam, Kanivu, Eco club etc. to promote extension activities in the college for the benefit of the neighbourhood community. Every year, NSS volunteers organise a seven-day special camp in the locality in order to cater to the various needs of the community.

The role of the institution in the upliftment of the community has got recognition from various bodies. The college has got eight recognitions for extension activities. Forty extension and outreach Programmes were conducted in collaboration with Industry, Community and Non- Government Organizations by forums like NSS, SIP and Bhoomitrasena

56.09 % of students have participated in extension activities which were conducted in collaboration with Government and Non-Government Organisations during the last five years.

Various departments provide online classes by using modern ICT tools. Some departments created blogs for sharing knowledge with various stakeholders.

B. Voc Broadcasting & journalism department is well equipped to create and transfer the knowledge through Print, Visual and digital platforms.

Infrastructure and Learning Resources :

The Institution, Sullamussalam Science College, Areekode meets the requirement of quality infrastructure for the academic, extracurricular and administrative activities in consultation with IQAC, the heads of the departments and administrative staff. The college is situated in 3.4680 hectares of Land in a rural region. Out of the total 32 classrooms in the college, sixty percent of the classrooms are enabled for ICT enabled education. All the departments have one conference hall. Fully equipped seminar hall is available for the conduct of academic seminars and other programs. The college has sufficient lab facilities for physics UG and PG programs and four Computer labs and one Media lab. The entire college has Wi-Fi and high-speed internet connections. A Solar panel to meet a power requirement of 10 KVA has been installed on the campus. The college has adequate facilities and resources to conduct Outdoor and Indoor Games, cultural activities, and yoga practice like Outdoor stadium, Multi gym, Table Tennis Hall, Badminton Outdoor Court Multipurpose Court, Indoor Training Hall, Open Stage. College provides hostel facilities for girls students. Canteen facility we provided for the college community. The library is fully automated with BOOKMAGIC software. The Online Public Access Catalogue (Web OPAC) facility enables the user for remote access of the database. The registered user can access more than 6000 e-journals, e-books, e-journals, and other electronic recourses using N-List of INFLIBNET. The Network Resource Center, digital library, N-list (Inflibnet), the facilities of printer and scanner the question bank, Reprography Service, Surveillance Camera, a Safe drinking water facility are also available in the library for the users. The institution has a computer student ratio of 21:158. The Campus introduced Wi-fi by installing 6 access points spread over 4 buildings and Firewall hardware for internet sharing and security. The college follows a well-established system for the maintenance and utilization of its physical and academic facilities in order to ensure its sustainability. Around 35% of the fund is utilized for the maintenance of the campus. The biogas plant is installed on the campus. The college has appointed supporting staff to maintain solid waste management.

Student Support and Progression :

The institution is committed to provide students with outcome based education empowering them with the right skills, knowledge and self-discipline. More than seventy percentage of the Students are benefited by government fee concession and various other scholarships under several heads. The college provides freeships and scholarships to the deserved students identified by the departments to support their studies. The college has got different capability enhancement programmes like coaching for NET/ JAM exams. Every Department conducts Bridge course to the first year students at the beginning of the every academic year. The college has implemented state government programmes like Scholar Support Programme and Walk with Scholar to support weak and advanced learners. Around twelve percentage of the students are benefited by the Vocational courses. Twenty five percentage of the outgoing students of 2017-18 batch got admission in several reputed higher education institutions. The college has got a mechanism to provide career guidance to assist them to qualify various national/State government examinations. The students union of Sullamussalam Science College, Areekode is an energetic, enthusiastic and stimulating part of the governance of the college

whose presence is undeniably felt in all activities of this institution. It also plays a pivotal role in keeping the vibrancy of the campus. The Students Union is elected through the process of democratic election according to the guidelines laid down by the University of Calicut. The teaching faculty supports the students Union in all the activities. The Students Union takes initiatives to organize sports and cultural activities which help to create an intellectually stimulating campus. Different clubs like Kottaka, Women's Forum, and Travel Club support students to nurture various talents in them. The Members of the student Council actively participates in the community extension activities. The college also has a grievance redressal cell to enable a healthy environment for learning. The college also has powerful Alumni which is an integral part of the academic and developmental activities of the institution. Every Department has a remarkable number of alumni who work in various government and private establishments in India and abroad.

Governance, Leadership and Management :

Sullamussalam Science College was established in 1995 by Muslim Educational Association, a society registered in 1994, with a mission to impart quality education to backward rural and minority community. It has a clear vision and mission, and its Governance & Leadership are well defined to achieve human and academic excellence.

The governance of the college is democratic and inclusive, involving all the stakeholders in decision making for the quality improvement of the college. The College has a multi-tier system of leadership with the Managing Council of the Muslim Educational Association at the apex of the Governance. The Managing council elects the Director board members, Managing Director and the Chairman of the Managing Committee. The Managing Director, who represents the Manager, is in charge of decisions related to management at all levels of governance.

The recruitment/promotional policies adopted by college, composition of interview board, are in accordance with the UGC and University guidelines and are subject to the prior concurrence from state Government.

The Principal is responsible for managing the major administrative and academic tasks. The Staff Council assists the Principal for all major decisions regarding internal administration of the college.

The Manager, the Principal, the IQAC, and the College Council work together in creating policies and modus operandi of the programmes to ensure quality. As part of the quality initiative, the college adopted an E-governance policy by automating majority of the academic tasks. IQAC is instrumental in promoting teaching, learning and research culture among the faculty members. Online feedback system has been implemented for supplementing the IQAC initiatives to improve the quality of teaching and learning. Apart from the self-appraisal system, API introduced by the UGC in 2010 helps to monitor the performance.

Professional Development of faculty is a prime concern of the institution. and encourage the faculty members to participate in the FDP programmes conducted by the college and other institutions. Government funds are audited as per the Government norms and the Management funds are audited by an internal and external Auditor. The college relies on philanthropists, PTA, Alumni and the Government funding agencies for its infrastructure development

Institutional Values and Best Practices :

The college imparts value based quality education which is reflected in each of its practices. Along with creating a suitable ambience for academic and research activities, the college also gives equal importance to the promotion of universal values, national integrity and gender equity. Promotion of social justice and cultivation of a moral and ethical outlook among the student community are also given equal attention. Activities organized by various clubs and forums like N.S.S, Bhoomithra Sena, Women's Forum , Santhwanam, Kanivu, Pain and Palliative club, IEDC, Kottaka, and Safari Club play a pivotal role in the transaction of the above mentioned values. The college relies on non- renewable resources like Solar Panels to meet its energy requirement. The use of LED bulbs in classrooms is also aimed at judicious use of resources. College has a state of the art Bio- Gas plant for waste management. Green practices like fully

automated attendance system, plastic free campus, car-pooling and semi-paperless office are also very significant. The college has a constructive relationship with the local community and it organizes various programmes to educationally, culturally, and economically uplift the local community. The college provides girls on the campus various facilities like college hostel, wifi-enabled common room with automatic Sanitary Incinerator, separate bike parking space, separate toilet and prayer hall. Womens Forum in collaboration with various departments organize various events to promote girls on the campus. A Grievance Redressal cell, an Anti-ragging Cell, and an Anti-Harassment Cell function on the campus to ensure gender equity. Ours is a Differently-Abled friendly campus with facilities like ramps, Braille software and bathroom.

The best practices of the institution are **Bridge Course, Student Initiative in Palliative Care, and Promotion of Innovation and Entrepreneurship Skills**. The vision of education of the college is to produce a generation of young scholars who are intellectually competent, morally upright, and socially committed. In this section, we highlight the performance of the institution in the area of promoting and developing a humane outlook and a strong civic sense.

Profile

BASIC INFORMATION

Name and Address of the College	
Name	SULLAMUSSALAM SCIENCE COLLEGE
Address	Sullamussalam Science College Ugrapuram(PO) Areekode
City	AREEKODE
State	Kerala
Pin	673639
Website	www.sscollege.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	P. Muhamed Ilyas	0483-2850700	9946228676	0483-2854544	mail@ssccollege.ac.in
Associate Professor	C A Safeeque	0483-2851262	9847619616	0483-2850702	iqac4ssc@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes minority status.pdf
If Yes, Specify minority status	
Religious	Muslim
Linguistic	
Any Other	

Establishment Details	
Date of establishment of the college	05-04-1995

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Kerala	University Of Calicut	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	10-03-2000	View Document
12B of UGC	10-03-2000	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the	No
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UGC), on its affiliated colleges?				
Recognitions				
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?		No		
Is the College recognized for its performance by any other governmental agency?		No		
Location and Area of Campus				
Campus Type	Address	Location *	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Sullamussalam Science College Ugrapuram(PO) Areekode	Rural	10	7000

ACADEMIC INFORMATION

Details of Programs Offered by the College (Give Data for Current Academic year)						
Program Level	Name of Program/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,English	36	Plus Two or Equivalent	English	42	42
UG	BA,Economics	36	Plus Two or Equivalent	English	60	55
UG	BSc,Physics	36	Plus Two or Equivalent	English	48	46
UG	BSc,Mathematics	36	Plus Two or Equivalent	English	48	46
UG	BSc,Computer Science	36	Plus Two or Equivalent	English	39	39
UG	BVoc,Broadcasting And Journalism	36	Plus Two or Equivalent	English	50	0
UG	BCom,Commerce	36	Plus Two or Equivalent	English	62	62
PG	MA,English	24	Any Degree	English	20	18
PG	MSc,Physics	24	B.Sc Physics	English	12	12
PG	MSc,Mathematics	24	B.Sc Mathematics	English	20	20
PG	MSc,Computer Science	24	Any degree with Mathematics	English	12	12
PG	MCom,Commerce	24	Degree	English	20	20

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				6				18			
Recruited	0	0	0	0	6	0	0	6	10	8	0	18
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				30			
Recruited	0	0	0	0	0	0	0	0	19	11	0	30
Yet to Recruit	0				0				0			

Non-Teaching Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				9
Recruited	8	1	0	9
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	4	7	0	11
Yet to Recruit				0

Technical Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				1
Recruited	1	0	0	1
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				1
Recruited	1	0	0	1
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	4	0	0	4	2	0	10
M.Phil.	0	0	0	1	0	0	1	1	0	3
PG	0	0	0	1	0	0	5	5	0	11

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	1	0	4
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	17	8	0	25

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year						
Program	From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total	
UG	Male	334	1	5	0	340
	Female	578	1	9	0	588
	Others	0	0	0	0	0
PG	Male	34	0	0	0	34
	Female	128	1	0	0	129
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	8	6	12	7
	Female	16	16	17	23
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	1	2
	Others	0	0	0	0
OBC	Male	30	32	26	33

	Female	45	49	70	63
	Others	0	0	0	0
General	Male	27	47	49	79
	Female	166	164	176	141
	Others	0	0	0	0
Others	Male	55	50	58	60
	Female	25	33	38	36
	Others	0	0	0	0
Total		372	397	447	444

Provide the Following Details

Number of Programs	Self-financed Programs offered	New Programs introduced during the last five years
	4	3

Provide the Following Details

Unit Cost of Education	Including Salary Component	Excluding Salary Component
5643	6156244	3806500

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1. Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Answer:

Sullamussalam Science College, affiliated to the University of Calicut, runs all its programs according to the curriculum and the syllabi of courses outlined by the University of Calicut. Many teachers of the college are members of the board of studies and academic council of the university and actively participate in designing the curriculum and keep abreast of current syllabi for the courses. For the effective implementation of the curriculum, the college has a well-structured mechanism to ensure that the curriculum reaches the students smoothly.

Following are the major strategies enforced by the college for effective curriculum implementation.

- 1. Vision and Mission-** 'Educating the mind for the pursuit of truth' is the vision of the College and the college implement the curriculum in par with the vision
- 2. IQAC** functions as an apex body in curriculum implementation. It collects action plans of each academic year from all departments and formulates a strategy for curricular implementation at departmental levels. IQAC ensure the expansion of library resources on par with the modifications in the syllabus in consultation with the departments. To encourage the use of authentic textbooks and learning materials, the college maintains the availability of multiple copies of good quality textbooks of international standards suitable for every course. Students are motivated to utilize these

books through group learning assignments, seminar assignments, problem-solving tutorials, and project assignments.

3. The IQAC conducts Review meetings on **Action plans** submitted by the departments, finalizes the draft, and delegates it to the departments. Departments adopt necessary steps to implement the curricular action plan approved by the IQAC. The Department appoints tutors for each class and makes sure that the curriculum reaches the students without any hindrance.
4. **Academic schedule** of each year is prepared in tune with the university calendar and provided to students through the **college calendar** (Diary) at the beginning of each academic year. A tentative schedule of university examinations, internal examinations, seminars, assignments is made available to students in the calendar.
5. **Teacher's Diaries** are issued to all teachers to ensure the syllabi of courses are completed. Teachers mention their completion of syllabi from time to time through **lesson plans** contained in the teachers diaries. The Head of the Department ensure that the syllabi portions are completed by the end of the semester period.
6. **Co-curricular activities** like seminars and workshops are planned to supplement the syllabus content and bridge the gap between the curriculum and the emerging frontiers of knowledge. Most of the extension activities (like NSS, SIP, Kottaka, Eco Club, Bhoomithrasena) aim at enhancing the awareness of students on social, political, and environmental issues which comes as the main focus of the syllabus. Tentative schedules of such activities are planned in a manner not affecting the regular curricular activities.

File Description	Document
Any additional information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Answer: 1

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	1

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Answer: 25.97

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
1	7	0	0	8

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Answer: 60.88

1.2.1.1 How many new courses are introduced within the last five years

Answer: 386

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Answer: 100

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

Answer: 12

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Answer: 8.2

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
50	82	101	131	57

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

1.3 Curriculum Enrichment

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

Answer:

Since the college is affiliated to University of Calicut, it follows the curriculum stipulated by the university. College ensure that the students are well informed about the issues like Gender, environment, values and ethics etc through three methods. The College offers various programs incorporating cross-cutting issues. The College implemented three methods to ensure student awareness of these issues.

1. Courses in the Syllabi.
2. Through setting up Institutional level Clubs and forums to address these issues.
3. Events conducted by the college to educate students.

Courses in the Syllabi

More than 90 courses in the curriculum address issues relevant to Environment and Sustainability, Gender, Human values, and Professional ethics.

Out of these courses, 18 of the courses discuss Gender and Environmental issues.

35 courses focus on Environment and Sustainability.

37 courses concentrate on matters relevant to Human Values and Ethics. (Detailed list of Courses is attached as Proof)

Institutional level Clubs and forums to address Cross-cutting issues

To address issues related to Gender.

1. Women's Forum- This forum aims to support female students to deal with issues and problems they may face in the campus and in the society. It conducts different programs like premarital courses, self-defense program, skill development workshops, etc. Many of these programs are conducted in collaboration with minority welfare board of Kerala Government.

2. Women's Resource Centre- College has set up women's Resource Centre for the overall development of the girls with the help of Kerala state IT mission.

To address Environment and sustainability.

1. Eco club is a club formed by eco-conscious teachers and students of the college. It conducts various environmental-related activities and maintains an herbal garden inside the campus. Tree plantations and Plastic-free campus are its main priorities.

2. Safari Travel and Tourism Club: It aims to introduce a new culture through travel. It emphasizes on the need for preserving nature and exploiting all opportunities to serve the community by taking initiatives from students' community.

To address Human values and professional ethics.

1. **Pain and Palliative care Cell-** Student initiative in palliative care helps students serve the community and spread the awareness of Human values and ethics through Palliative care.
2. **Kanivu and Santhwanam-** These are charity initiatives from the students and staff of the college to help the needy. The beneficiaries include students within the campus and families in the neighborhood. It further serves students to understand the need for human values in everyone's life.

3. **Kottaka Visual media and photography Club-** By making use of the media like film, documentaries, and other art forms, Kottaka helps to infuse human values and ethics into students.
4. **School of Morality and Religious Thought (SMART)-** To imbibe moral values to the student community of the college.

Events conducted by the college

The college conducts various events on cross-cutting issues relevant to Gender, human values, professional ethics, and environment. The institution organizes various programs on days of national and international importance.

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Answer: 4

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Answer: 4

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document

1.3.3 Percentage of students undertaking field projects / internships

Answer: 33.18

1.3.3.1 Number of students undertaking field projects or internships

Answer: 362

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from

1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

Answer: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

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

Answer: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document

2. Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Answer: 1.07

2.1.1.1 Number of students from other states and countries year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
17	17	12	6	5

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average Enrollment percentage

(Average of last five years)

Answer: 94.61

2.1.2.1 Number of students admitted year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
372	397	447	444	347

2.1.2.2 Number of sanctioned seats year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
---------	---------	---------	---------	---------

376 406 481 481 381

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

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Answer: 36.89

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
99	103	126	128	96

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

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Answer:

The competencies of newly admitted students are evaluated through continuous interaction and classroom discussions. Details regarding the academic and extracurricular performance of the fresher are evaluated during the bridge courses that are conducted by all departments during the beginning of an academic year. The departments offer specific programs for advanced learners and slow learners after the evaluation through the Bridge Course.

College library offers an enormous collection of resource materials such as Bulletin-weekly, Employment News, General Knowledge Today, Year Books, and Books on NET, GATE, MAT, Civil Service etc. for the preparation of competitive examinations. Bridge Courses are conducted by all the departments during the beginning of an academic year to reduce the knowledge gap between slow learners and advanced learners.

Programs for Advanced Learners

Walk with a Scholar (WWS) is an initiative of the Kerala State Higher Education Council that has been successfully functioning in this college by providing proper guidance to undergraduate students having brilliant academic records.

Online Courses: Students are encouraged to enroll in various online courses in Information Technology. Many of our students have enrolled for such courses and secured different certifications from various online course providers including code.org, freecodecamp, sololearn, openignite, NPTEL.

Talent Examination: The college is one of the centers of Physics talent examinations conducted regularly by APT (at the state level) and IAPT (at the national level) for the appreciation and self-evaluation of the undergraduate Physics students providing practice tests for the national level competitive examinations.

Nurture Workshops conducted by the Department of Math and Physics give the enhanced practice of student-centered learning. While nurture programmes are handled by regional and national experts, workshops are anchored by international masters of the field.

Research Paper Presentation: Students from various departments are presenting and publishing research papers in their areas of study under the guidance and supervision of teaching faculty.

Tech Talks is a 20 minute presentation session on advanced topics in Information technology which is followed by detailed discussions and interactions.

Programs for Slow Learners

Scholar Support Programme (SSP) is an initiative of the Government of Kerala to uplift the under-achieved students to the mainstream by providing study materials and external mentoring.

Peer teaching method implemented by various departments helps the slow learners to be active in skill and knowledge acquisition.

Newspaper Teaching is a program initiated, aiming to teach English Language and Structure. The Department of English has been conducting this program for the benefit of slow learners.

Programmes organized by the departments include:

Academic counselling which provides educational guidance for students by determining appropriate education solutions.

In-House Media Production Wing to take up multimedia production works from the college and outside.

Meet the Masters to provide the students with an opportunity to interact with industry experts.

Institution visit and Internships which aims at motivating students in their career and effective learning.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio

Answer: 18.49

File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Answer: 0.37

2.2.3.1 Number of differently abled students on rolls

Answer: 4

File Description	Document
List of students(differently abled)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

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

Answer:

The College has deliberately made efforts to make the learning process more student-centric. The concept of engaged learning is practiced with genuine concern. Many of the teaching-learning methods at the institution are interactive, performance-based, and student-centric.

Interactive learning: Teaching methods are adopted as per the requirement of the prescribed curriculum. Interactive methods are used to discuss fundamental concepts, and students are encouraged to ask questions. Students are motivated to work on their own and prepare learning models, charts, and make presentations. Departments organize regular student seminars, conferences, and debates as part of the teaching-learning process. Students' are encouraged to participate in these seminars, conferences, debates etc. These seminars ingrain in the students the healthy practice of acquiring knowledge through presentations, queries and discussions. ICT enabled tools like LCD Projectors, screens, etc. are used by the teachers to generate student's interest and to broaden their learning.

Though the university allows main project work to be done in groups, some departments encourage individual projects to build confidence and self reliance among graduates and post graduates.

Independent learning: The institution has a central library facility with an extensive collection of books and journals which can be used effectively by the faculty and students to imbibe comprehensive information. The students are motivated to use the library, which can enhance their skills and knowledge. Apart from this, the college has established departmental libraries which are easily accessible to the students.

Science Expo: College conducts science expo titled 'SciZone' every year as part of science day celebrations in association with various departments. The science fair takes a great deal of time and effort for both the students and the teachers for the active participation in acquiring scientific temper.

Campus Channel and Newspaper: The department of B. Voc Broadcasting & Journalism is maintaining campus YouTube channel called SS Live to promote production works of students and to make their practical learning experience more interesting and visible. A Campus Newspaper "Communicator" and three Blogs (Thiruthu, Edge, Thettali) maintained by the students, help them to improve their writing skills. The Production Wing of B. Voc Department is instrumental in giving Multimedia support to the activities and events of departments, clubs, and forums on the campus.

Theatre in Class Room - Role play by Students: As part of the curriculum transaction, English teachers make the students' role-play of the prescribed works - novel and plays. Since the activity is learner-oriented it calls for the participation of all students.

Each department follows unique programs to enhance the learning experience of students which include

Walk with a scholar programme

Participation in Nurture Programmes and Competitions

Participation in DAE exposure programme

ICT used seminar presentation and assignments

Internships, Projects, Media Visits and Field trips

Participation in competitions like UNESCO-CEMCA

Group Discussions

Research paper presentation

Film Screenings

Special Lab Tutorial sessions

Idea Contests

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Answer: 89.83

2.3.2.1 Number of teachers using ICT

Answer: 53

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Answer: 20.98

2.3.3.1 Number of mentors

Answer: 52

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Answer:

The institution provides several opportunities for students, which promote critical thinking, creativity, and scientific temper amongst the students. Innovative teaching-learning methods like performance-based teaching are introduced. ICT tools, e-learning facilities, INFLIBNET, NPTEL, Digital Resources, etc. provided by the institution are effectively utilized by faculty and students. Training Programmes and Workshops organized in the college help to improve the quality of the teaching-learning process.

Bridge courses conducted for the beginners help them to make a bond to their subjects at a deeper level. The cultural events, sports events, and various departmental festivals provide a platform for students to bring out their leadership, managerial skills, creativity, and other talents. Students are actively involved in the science fair program as part of science day celebrations and other open house programs. These programs enhance their interpersonal and communication skills.

Project-Based Learning is an effective and enjoyable way to learn. PBL also develops deeper learning competencies required for success. It uses real-world scenarios, challenges, and problems to engage students in critical thinking, problem solving, teamwork, and self-management.

Some of the outstanding graduate projects in math and physics were received supports from Science Academy, KSCSTE and further extended to research level through a visit at IISc, Bangalore and STIC, Cusat.

Exhibitions: The College regularly organizes an annual exhibition titled 'SciZone' in connection with science day celebrations to boost up idea generated in young minds. It is a unique program of that kind in which students from various departments are engaged in practicing their ideas, preparing for an exhibition and demonstrating that in front of the student community in our college as well as the neighbouring institutions.

Nurture Workshops conducted by the Department of Math and Physics give the enhanced practice of student-centered learning. While nurture programs are handled by regional and national experts, workshops are anchored by international masters of the field. The Academic Counseling provide regular monitoring and support to the students applying for ATMs and AFS and summer internships supported by IISc, TIFR, IUAC, DAE, etc.

Theatre-in-education has been incorporated in the teaching-learning practices of the English department. It is a process that uses interactive theatre/drama practices to help the educational process.

Blogs: The Department of Commerce and B.Voc. (Broadcasting and Journalism) is maintaining blogs for uploading the study materials which can be downloaded by the students.

DAE Exposure: For last ten years, students from our college are selected for a 10 day orientation programme fully sponsored by Department of Atomic Energy (DAE). 37 students of our college were selected to the final stage of the national level All India Nuclear Energy essay contest and 10 day orientation programme organized by DAE at Bhaba Atomic Research Centre (BARC) in October every year. Out of 180 students selected by DAE at the national level during the last five years, 37 students belong to our college. We got 3 first prizes, 4 second prizes, 4 third prizes and 26 consolation prizes.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Answer: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Answer: 16.01

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	9	8	8

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Answer: 6.72

2.4.3.1 Total experience of full-time teachers

Answer: 396.67

File Description	Document
Any additional information	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Answer: 1.62

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	1	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Answer: 18.89

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
14	11	12	11	10

File Description	Document
List of full time teachers from other state and state from	View Document

which qualifying degree was obtained	
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Answer:

As per the guidelines of the newly introduced CUCBCSS, the college monitors the progress of the students through continuous summative and formative evaluation that consists of tests, seminars, assignments, projects, and attendance. The college implements the internal evaluation process effectively and in the centralized mode as per a pre-published schedule. The performance of the students is continuously monitored and is discussed and analyzed by the tutor in the general tutorial hours. Success tips are given to students based on their performance levels. The Department publishes the grades of the individual components of internal evaluation on the Department notice boards immediately on completion of the evaluation. The final grades in the internal evaluation are also put up on the notice board and grievances remedied before being forwarded to the university. The Departments coordinate Class PTA meetings at least once in a semester. Tutors of the respective classes discuss the performance of the students with their parents and suggest measures for improvement.

The institution observes the following practices to maintain the quality of CIE.

Academic Calendar:

The college prepares an Academic Calendar according to the University Calendar which is approved by the Staff Council. At the beginning of an academic year, the calendar is distributed among the students. The complete regulations regarding CIE including, examination pattern, and evaluation criteria are published in the Academic Calendar.

Internal Examination (IE) wing: The internal examination wing is responsible for the proper conduct of internal examinations in the college. Every semester has two internal assessments centrally controlled. IE wing is responsible for scheduling, collecting question papers, preparing a list of invigilators, and making seating arrangements. The coordinator prepares the schedule for the Internal Examination of each department. The schedule includes the expected date of examination and the date of submission of mark list. A department coordinator is also assigned for the smooth execution of the examinations.

Valuation & Feedback: The teachers evaluate the answer sheets within one week after the examinations. Evaluated scripts are discussed with students and suggestions are given for improvement.

Additional test: Students can appear for an additional examination (3rd test), in case they failed to appear in the first two examinations.

Assignment/Attendance: Attendance and assignments are evaluated for each student, and marks awarded as per University guidelines.

Seminars/Viva Voce: Seminars and viva voce are also considered in preparing internal marks for UG students.

Tutorial system (mentoring systems): The College takes a special interest in conducting tutorial sessions regularly, intending to mould the various aspects of student's personality. Students are classified under various tutors (mentors) who keep a record of all the important personal data of students. The Data include information such as family situation, extracurricular interests, attendance, timely academic performance, psychological strength and weaknesses and so on. All these information are thoroughly studied by the tutors with the objective of providing remedial instructions and other assistance.

Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Answer:

As part of the restructuring of the undergraduate curriculum, the university introduced the CUCBCSS with direct grading. The college evaluates the students on the basis of the various components stipulated by the university for internal assessment, such as tests, assignments, seminars and attendance. The college follows a common calendar for conducting and announcing the results of internal examinations.

In the beginning of the programme, students are briefed on the general programme outline such as programme duration, programme structure, courses of study, methods of continuous internal assessment and university evaluation. Students and the other members of the institution are provided with a printed copy of the comprehensive academic schedule in the form of a handbook detailing the evaluation methods, rules and guidelines of the affiliating university. The tentative schedules of the internal examinations are also included in the handbook. Additional information, if any, on examinations and other forms of evaluation, is furnished to the students on receiving intimations from the University.

CIE has different components such as internal examinations, assignments, attendance, seminar and viva voce, with fixed weightages to each component. 50% of the internal marks are awarded to two internal assessments. 15% is allocated to assignment, 10% is allocated to Seminar/Viva and 25% is allocated to attendance. Tutor level orientation is given to the students on the mechanism and guidelines of internal evaluation. Different measures are taken at various levels to ensure that internal assessment is transparent and robust in terms of frequency and variety.

Attendance report:

Student attendance management system sends SMS alerts to parents. The attendance report is published every month by respective class tutors.

Syllabus & Schedule:

The Syllabus of the exam is announced well in advance before the examination. Since detailed question papers are prepared in accordance with University exams, students get the chance to prepare thoroughly covering all the topics. The schedule of the examination is also prepared in advance and given to students. This gives students ample time to study for the examination.

Timely Valuation:

The valued answer scripts are returned individually to the students in one week time and the Students are getting chances to redress grievances if any.

Centrally Monitored Examination: The examinations are centrally monitored and coordinated by IE wing. This maximizes the credibility of internal evaluation system and reduces the chances for malpractices.

Additional examination: Students are given opportunity to appear for additional examination (3rd test) if they couldn't appear any one of the previous tests. Through this, students are also getting chances to take best two scores out of three.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Answer:

As per the guidelines of the newly introduced CUCBCSS, a two-level grievance redressal mechanism functions in the college. The complaints of the students related to internal and external examinations are addressed at two levels—College and University—depending upon the nature of the complaint. Complaints on the internal assessment are handled by the IE wing, while, complaints related to the external evaluation are forwarded to the University. A Grievance Redressal Committee comprising the course teacher and one senior teacher as members and the Head of the department as Chairman functions in each department. This committee addresses complaints, if any, relating to the internal assessment grades of the students within the department. Besides this department-level Committee, there is a college level Grievance Redressal Committee comprising the student adviser, two staff council members and two senior teachers as members and the Principal as chairman. The grievances that cannot be redressed at the department levels, if any, will be referred to the college level Grievance Redressal Committee for cordial settlement. The student may meet the IE wing of the College or the Principal directly on any dissatisfaction in the procedures taken by the Grievance Redressal Committee. Students with any grievance on the evaluation made by the committee are given adequate clarifications, thereby making grievance redressal on examinations transparent. As for the grievance related to University examinations, the time for addressing the issue taken depends on the policies of the University. The grievance redressal mechanism pertaining to examinations is efficient as all complaints are entertained without exception.

Internal examination-related complaints are redressed in the college itself, and the University examination-related complaints are communicated through Chief Superintendent of Examinations to the controller of Examinations, Calicut University.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Answer:

An efficient functioning system, comprising of the Staff council presided by the Principal, HODs and three elected members are maintained in the institution to ensure proper running of the Academic calendar. The staff council in consultation with the Internal Quality Assurance Cell is responsible for scheduling and planning the Academic calendar. Academic activities in the college are coordinated accordingly by the staff council along with the HODs of all departments.

An action plan for the academic year is prepared by the individual departments based on the Academic calendar. The Academic calendar will be implemented by the HODs, Tutors and Teachers of all departments and a teaching plan will be prepared by them. The curricular and extracurricular activities of the college are consolidated by the IQAC based on the action plan submitted by the individual departments. An internal examination wing is entrusted for the smooth conduct of centrally monitored internal examinations.

Academic Calendar: An Academic calendar and handbook, approved by the staff council and implemented by HODs is maintained by the college which is in agreement with the University calendar. Details regarding the university examinations are published in the Academic calendar and are distributed among the students in the beginning of the academic year. The college ensures that all the co-curricular and extracurricular activities conducted in the institution are in pact with the university calendar.

Internal Examination Wing (IE Wing): The Internal Examination wing ensures proper conduct of internal examinations in the college. Two internal examinations are held centrally in every semester. The internal examinations are conducted by the IE Wing such that the portions are covered completely before the commencement of University examinations.

Result Publishing: Results of the internal examinations are published within one week after the exam. The tutor consolidates the results and communicates them to the students. The parents are given awareness of the results through class PTAs. Grievance redressal cell of the college promptly addresses the grievances related to examination issues and makes sure that the marks are uploaded to University portal on time.

Timeline of academic activities is maintained to the best of our ability with the year plan in compliance with academic schedule and university academic calendar. With the intention of improving the teaching learning process, a teacher feedback is collected at the end of every academic year by the principal. The clubs and forums functioning in the institution take care that the co-curricular and extra-curricular activities carried out in the institution are efficient and time bound and are in accordance with the Academic calendar.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Answer:

Program Outcomes (POs) represent the knowledge, skills and attitudes the students should have attained at the end of a program. The Course Outcomes (COs) are the resultant knowledge skills the student acquires at the end of a course. It defines the cognitive processes a course provides. Program Specific Outcomes (PSOs) are statements that describe what the graduates of a specific program should be able to do.

In order to design the curriculum, the POs, PSOs and COs, are a basic and essential requirement. Calicut University has Board of studies for each programme with members comprising of academic experts from respective streams. The Board is responsible for defining the set of POs, PSOs and COs according to the revised syllabus.

College Website:

The POs, PSOs and COs are properly communicated to the students and faculty members through the college website before the beginning of each course in a timely manner. These details are also accessible to the public. This mechanism helps to maintain transparency in communication.

Public display in notice boards:

The POs, PSOs and COs are displayed on the notice boards of individual departments, labs and corridors of the college.

Bridge Course:

The syllabus, POS, PSOs, COs and scope of the programme/course is also communicated to the students during the bridge courses conducted by each department.

Department meetings:

At the beginning of each academic year, a detailed and comprehensive department meeting is held to allot subjects to individual teachers and to communicate POs, COs and PSOs to them.

Tutors:

The tutors are assigned the responsibility of communicating the POs, COs and PSOs to their respective wards and to clear the doubts that arise thereafter. Thus, the tutor should ensure that each student has a fair idea about the syllabus, POs, PSOs and COs.

Blogs:

POs , PSOs and COs are also shared in the department blogs.

Edmodo:

The LMS tool Edmodo is used by certain departments to display the respective POs , PSOs and COs.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Answer:

College initiates necessary steps to identify and evaluate whether the proposed program outcome is attained by each department and the college as a whole. The progress and performance of each student in the entire period of the program is monitored through an organized mechanism. The internal evaluation is done based on two centralized internal examinations, assignments, seminars and attendance. This strategy facilitates the continuous monitoring of students' progress. A Modified Matrix Method is used to evaluate the attainment of Course outcomes and programme specific outcomes

Level of attainment

72% of the enrolled students successfully completes the program.

About 26% of the outgoing students opts for higher education.

About 15% of the students gets employment.

Many of the failed students are able to obtain an employment after completing the program.

File Description	Document
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Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Answer: 72.99

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Answer: 273

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Answer: 374

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Answer: 2.94

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry, corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Answer: 3.95

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	.2	3.75	0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Answer: 3.39

3.1.2.1 Number of teachers recognised as research guides

Answer: 2

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Answer: 0.08

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Answer: 5

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Answer: 308

File Description	Document
Supporting document from Funding Agency	View Document
Any additional information	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Answer:

The Institution acknowledges the need to foster the creation and dissemination of knowledge among the faculty and the students. Departments take initiatives in organizing National and State level seminars to attract new research minds to the College. The students are also encouraged to present papers in the various seminars and workshops which will be preserved and circulated in the form of proceedings. Various departments encourage the students to conduct their seminars, with the assistance of PowerPoint slides, which are then collected and preserved in the departments concerned for further reference for students and teachers. College Magazines gives ample opportunities to share knowledge and skills of the students and teachers. The College has a lot of MOUs and Linkages with reputed industries and educational institutions.

The college has an Innovation and Entrepreneurship Development Cell (IEDC). Further, it has an Innovation Institution Cell (IIC) sponsored by MHRD, Govt. of India. IEDC is an initiative from the Kerala Government to promote innovation and entrepreneurship in young minds. The student volunteers of IEDC have participated in various technical events and workshops and bagged several prestigious prizes.

Physics department provides the facilities in the material science lab and computer-interfaced experimental platforms for the students to carry out their work on crystal growth and synthesis and characterization of materials. Physics Alumni Researcher's meet organized in the college was successful in providing exposure to frontier research areas and future research avenues to the students. It conducts workshops, seminars, and nurture programs to cultivate a research culture.

The department of mathematics conducts nurture programs and counselling to motivate students for higher learning institutions like ISI, IISE, and IISER, under the Math Club 'Infinity'. It also conducts virtual classes for math neighborhood of college.

English department solely maintains a department library for the students which serves research purpose along with their academics. It organizes Research programs for both teachers and students; Frontier Lectures for teachers, inviting eminent scholars from across the country; and Research forum for teachers and students. Research scholars from different colleges across India are invited to interact with our students on both their research expertise and research methodology.

The Media Lab functioning under the department of B.Voc Broadcasting & Journalism is well equipped to create and transfer of knowledge through Print, Video and Online platforms. It also brings out a campus newspaper at regular intervals. The Entrepreneurship Development Club functioning under the department of commerce conducted a number of programs to inculcate the spirit of entrepreneurship among the students. It conducts industrial visits to motivate, encourage, and promote entrepreneurial skill among the students. It also conducts various programs with successful entrepreneurs. It also created a blog (www.commercegk.blogspot.com) for sharing commerce and management related information. The Department of Economics conducts research methodology classes for the students to know recent trends in the field of research in social science.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Answer: 43

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
12	8	8	6	9

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Answer: Yes

File Description	Document
Institutional data in prescribed format	View Document

Any additional information	View Document
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3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Answer: No

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Answer: 0

3.3.3.1 How many Ph.Ds awarded within last five years

Answer: 0

3.3.3.2 Number of teachers recognized as guides during the last five years

Answer: 2

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Answer: 0.41

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
10	7	3	2	3

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Answer: 0.75

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
7	3	9	10	17

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Answer:

Sullamussalam Science College organizes various extension activities and participates in many programs with different agencies with an objective of sensitizing the students about various social issues. These activities would help and contribute to the community in several ways to address contemporary issues which would bridge the gap between community and institution in a holistic way.

College- Neighborhood-Community network is promoted mainly through the functioning of clubs and forums like NSS, Students Initiative in Palliative unit, Santhwanam, Kanivu, Eco club, etc. The national and international days are observed under the aegis of various clubs and forums.

Under the NSS unit, the social outreach programmes like A house a year project, Bio-farming, medical camp for the people in the neighborhood of the college, Eid and Onam Kit distribution, blood donation camps, Plantation campaign, Anti-drug and anti-tobacco campaigns, daycare, street plays and flash mobs on socially relevant issues, poster presentation, chart expo, awareness class for public, surveys etc, are organized in connection with various public bodies.

Every year NSS volunteers organize a seven day camp in the villages and tribal areas nearby the College as per the requirements of the local panchayat and the villagers. During the camp days, The volunteers clean the premises of the schools or Anganwadis in which they camp; construct roads to colonies, public pond cleaning, cleaning the sides of the panchayath road, cleaning the waste pit of school and waste management; and conduct surveys about tribal issues.

With the aim of empowering the differently abled, Students Initiative in Palliative unit of the college organized a cultural and games Zonal meet for psychiatric patients and visited blind old age home at Kizhuparamba. SIP conducts and co-ordinates home care and awareness and other programs for palliative patients.

Santhwanam, a club to help the needy in the neighborhood of the college, has organized various programs on the campus to make the students aware of the importance of charity works. It provides food grains to the people who are below the poverty line; it also gives medical assistance to the needy persons. It has reconstructed a lot of houses.

Kanivu, a charity fund, providing financial aid to the poor students of the college and the very needy people who approach the college for aid from time to time.

To mobilize students towards a scientific inquiry into the environmental problem and involve them in efforts to preserve the environment, Eco club conducts various activities like Herbal garden, Butterfly garden, Tree plantation, Bottle project, Plastic-free campus, bird watching and surveys in various places.

The travel club is another initiative installed on campus to inculcate values of education and life from a different angle. The aim of this gathering is to spread the slogan 'Travel is education'

The department of physical education conducted self-defense program for girls' students to ensure gender equity. It has also conducted yoga classes for the students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Answer: 0

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

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Answer: 30

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
3	18	4	2	3

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue,

etc. during the last five years

Answer: 55.55

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
459	1040	728	414	300

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Answer: 14

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	4	3	1

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Answer: 2

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	1	1	0

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document
Any additional information	View Document

4. Infrastructure and Learning Resources

4.1 Physical Facilities

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

Answer:

The College is situated at Areekode, Kerala, a picturesque campus on the banks of the river Chaliyar. The academic blocks are of beautiful eco-friendly architecture. The institution, Sullamussalam Science College meets the requirement of quality infrastructure for the academic and administrative activities in consultation with the IQAC committee, heads of departments and administrative staff. The college has adequate facilities for teaching-learning activities which include classrooms, seminar hall, libraries, laboratories, indoor stadium and ladies' hostel, to mention a few. Some of the facilities are given below

- The college has 31 classrooms for the 7 UG programmes and 5 PG programmes offered. Of these, seven class rooms are ICT enabled
- There are 3 science laboratories (Physics) for UG and PG programmes .
- The college has four well equipped Computer labs and one media lab .
- There is one research room for research scholars in the Research Dept of computer science
- Almost all the departments have separate library for UG and PG students apart from the central library .
- All the departments have ample facilities such as desktop and laptops, printers and LCD projectors .
- The entire college has Wi-Fi and high-speed internet connections.
- A Solar panel to meet the power requirement of 10KVA has been installed in the campus
- There are special rooms for NSS, career guidance cell and College alumni.
- The college has one boardroom for academic and administrative discussions
- A college store functions in the college which provides books, stationery items and Xerox facilities.
- An open air stage functions in the college to conduct various co-curricular activities.
- All the departments have spacious classrooms with LCD projectors which can be converted into department auditoriums .
- College has well preserved botanical garden with lot of rare varieties of plants.
- A canteen is setup in the campus.
- Biogas plant is installed in the campus
- Voice amplifier is provided to the teachers in classrooms with large strength
- The campus is made secure with CCTV and Security persons.
- We have well equipped IQAC Room
- There are two outdoor rest areas for students and one girls' rest room with adequate facilities including Sanitary Napkin Incinerator..
- College has separate toilets and washing areas for girls and boys
- College has one central seminar hall with fully digital facilities
- The central library in the campus has more than 20 thousands books.
- A separate section in the library has been arranged for career-related books.
- A good number of facilities are also provided for sports and games and recreations.
- The college is provided by a diesel powered generator of 100KVA capacity.
- All labs in the campus have back up power system through UPS which has two hours stand by time
- A Prayer hall is available to both staff and students.

- Successfully implemented rain water harvesting system.
- There are 4 fully equipped water purifiers in the campus .
- The college provides ample parking facility for faculties and students
- The college has one guest room with residential facilities
- Introduced Firewall hardware for internet sharing and security.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Answer:

The college campus has ample facilities for both outdoor and indoor sports and games and various cultural activities. Special care is given to develop and improve the cultural, arts and literature programmes by organizing co-curricular activities

Sports Infrastructural facilities available in the college

1-Outdoor stadium:The college has a full-fledged stadium at a size of 100mtrs x 64mtrs with extra space. It was finished in the year 2005.The multipurpose stadium is using for football athletic -200mtrs track facility, cricket and other field events The stadium has a 6 step gallery with a seating capacity of 5000. The well-established drainage system ensures its use in any weather condition

.2-Multi gym:The college has a multi gym since 2012.There are equipments like 4 station multi gym, Elliptical trainer, Ab coaster, Leg curl, Hip twister,Ab king,Weight plates, lifting rods,Dumb-bells,Treadmill etc.for the use of Physical fitness training.

3-Table Tennis Hall:The college has a table tennis board since 2010 placed in a 9x6 mtr size room.

4-Badminton Outdoor Court: A 15x8 mtrs size tiled badminton court is available in the college court yard since 2012. The students as well as teachers regularly utilize the court in the evenings.

5-Multipurpose Court: A multipurpose court is set up in 2005 at a size of 30x15mtrs. This court is used for games like Volleyball, Tennis,five-a side football and three- a side football etc.

6-Indoor Training Hall :Indoor training hall at a size of 36X28 mtrs is equipped with various facilities. It is constructed by the financial assistance of UGC.This indoor training hall has the multipurpose facility of 4 badminton courts, 1 basketball court and a volleyball court. It is also useful for conducting Yoga, Gymnastics Judo, Wushu and similar indoor games

.7-Open Stage: There is an open stage at a size of 60x30 mtrs is available since 2005 with approximate capacity of 1000 seating capacity for conducting for various cultural activities and public programmes.

Facilities Providing for Practical Yoga :On the eve of ‘International Yoga Day’, the proud moment of India, on 21st June 2015 , a practical class on Yoga for the final year students of open course in physical education was held. 30 students attended the programme.

Facilities for cultural activities:The college provides various platforms to students in order to develop their cultural and artistic talents. Many of our students participated in cultural activities and competitions conducted by the Universities and other agencies . There are some clubs and forums actively function in the college that provide opportunities for students to develop their various skills.The students' union conduct various programs with the purpose of enriching the students talents .Sargavedi of Malayalam

Department , Language Forum of English Department, *kottaka* ,Media club ,and Quiz club are providing to the students better orientations and conducting different aesthetic programmes .College provides infrastructure facilities for the upbringing of students' cultural talents.

File Description	Document
Any additional information	View Document

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

Answer: 25

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 8

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Answer: 47.54

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
4.7	14.25	21.40	15.55	38.05

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

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

Answer:

The library facilities in the college functions in a **two tier structure** , the Central Library and the libraries of the departments .The website link is <http://library.sscollge.ac.in/>

The Library of the college situates at the central part of the campus. The built up area 3929 Sq. ft which comprises reference section, stack room, general reading area, and a network resource center. The Advisory Committee (The Library Development Council) periodically review the functioning of the library, take into consideration the suggestions and opinions of the stakeholders, and give necessary

instructions to address them and find solutions. The library has good collections of books, Journals, periodicals and rare books .There is a separate area to display the latest additions. The Network Resource Center has six computers for accessing e-resources. The facilities of printer and scanner are available in the library for the users. The question bank, Reprography Service and a kindle corner are also available. There is a water purifier to ensure safe drinking water facility in the library.

The library is having a sizeable collection of previous question papers of university examinations as well as college internal examinations.

The college website provides information and all services available in the library (www.sscollge.ac.in) The Online Public Access Catalogue (OPAC) facility enable the users to search online and located books and other material available in the library. The library is fully automated with Meshil Logic Software namely as BOOKMAGIC. The software facilitates users to reserve, renew their library resources. In house/ and remote access to electronic database is provided to users creating a login ID and password. The registered user can access more than 6000 e-journals , e-books, e-journals and other electronic recourses using N-List of INFLIBNET.

The library conducts Orientation Classes to the fresher every year to make them aware of various services and e-resources available in institution. A Best Library User Award is constituted to encourage reading habits in students. The Government, the College Management, PTA, and the Well wishers are taking earnest efforts for the collection of books and maintain the college library in every meaning. The CGC Corner of the library is renovated by the Alumni Association of the College. The aim of the CGC Corner is to provide to the students quality reference books and periodicals to prepare for Tests and Competitive Examinations conducted by various educational and employment organizations.

- **Name of ILMS software:** The library is fully automated with Meshil Logic Software namely as BOOKMAGIC.
- **Nature of automation** (fully or partially) :fully automated
- Version :2000
- Year of Automation:2000

File Description	Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Answer:

	Book	Publisher	author
1	Puranik Encyclopedia	Current	Vettom Mani
2	On the Shoulders of Giants: the Great Works of Physics and Astronomy	Penguin	commentary by Stephen Hawking

3	Horthus Malabaricus (Modern Scientific Nomenclature) 12 Volumes	University of Kerala	Van Rheed
4	Origin of Species	Macmillan	Charles Darwin
5	Atomic Physics	S. Chand	J.B Rajamani
6	Electronic and Radio Engineering	Mc GrawHill	F.M Terman
7	Malabar Manual – (Vol1-2)	Asian Education services	William Logan
8	Bible, Qur`an and Science	Crescent	Maurice Bucaille
9	Religion of islam	Standard	Ahmed A. Galwash
10	Taj al- uroos (The Arab Heritage) (Vol 1-28)	Government of Kuwait	Husain Zabid
11	Hundred Years of Legislative Bodies in Kerala	Secretariat of The Kerala Legislature	Edited by R. Rajendra Babu
12	Nammude naadodikkathakalum aithiyangalum (Folklore-Kerala)	DC B	Retold by K.Sreekumar
13	Hindu speaks on Scientific Facts Vol. 1-2	Kasturi and Sons Chennai	Edited by N. Ravi
14	Hindu speaks on Management		
15	Hindu speaks on Information Technology		
16	Hindu speaks on Religious Values		
17	Current Trends in Sciences	Indian Academy of Sciences	Comp. by S. Ramaseshan
18	Al-bidayah wa-nnihayah (Vol 1-9)	Dar Abihayan	Hafidh Abulfidah
19	Mu`ajama mufiras: alfadhul qur`anil kareem	Dar -al fikr	Muhammed Fuad Abdul Bac
20	Ashtangahridayam	Devi	P.M Goavindhan Vaidhyar
21	Kavyameemamsa	State Institute of Languages	Sukumaran Pillai
22	Bharatheeya Chintha		K. Damodaran
23	Gita in Sankara`s own words chapters one to eight	Mathrubhumi	V. Panoli
24	G-yude notebook		G.Sankarakuruppu
25	Sreemad Bhagavad Gita		Translated by Rayiru Nair
26	Hasaisul kubra	Dar al kuthbil ilmiyyah	Suyuthi
27	New Arabic Grammar of the written language	Lund Humphries, London	J.A Haywood and H.M Nahr
28	Thafseerul Qur`anil Adheem (Vol 1-2)	Ihya Thuraathil arabi	Ibnu Kadheer
29	Adhyathma Ramayanam: kilippattu	Kerala Sahitya Akademi	Thunchath Ezhuthachan
30	Literary history of Arabs	Adam	R.A Nicholson
31	Gazetteer of India (Vol 1-2)	Govt. of India	Ed by P.N Chopra
32	Malayala Sahitya Sarvaswom	Kerala Sahitya Akademi	Chengarappalli Narayanan P
33	Munjid Fi- Lukhathi Wal- A`alam	Dar el-Machreq	Group of editors
34	Arab tourism encyclopedia	Dar-Siyad	Ali Abdullah Al-Jabir(Ed)
35	CRC Concise Encyclopedia of Mathematics	Chapman	Chapman E.W Wisstein

36	How to Solve It: a new aspect of Mathematical Method	PHI	G Polya
37	Course of Pure mathematics	UBS	GH Hardy
38	Universal History of Numbers Vol 1-3	Harvill	Georges Ifrah
39	C -Algebras	North-Holland	Constantinescu
40	Concise History of Sciences in India	UP	Ed by DM Bose
41	Calculus Wars	JS Bardi	Thunder's Mouth
42	Challenging mathematical Problems...	Dover	AM Yaglom
43	USSR Olympiad problem Book		D.O Shklarsky
44	Stanford mathematical problem book		George Polya
45	Berkeley problems in Mathematics	Springer	Polo Ney de Souza
46	Studies in the History of Indian Mathematics	HBA	CS Seshadri (Ed)

File Description	Document
Any additional information	View Document

4.2.3 Does the institution have the following:

1. *e-journals*
2. *e-ShodhSindhu*
3. *Shodhganga Membership*
4. *e-books*
5. *Databases*

Answer: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Answer: 0.87

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer:

2017-18 2016-17 2015-16 2014-15 2013-14
1.17 0.08 0.26 0.44 2.42

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.5 Availability of remote access to e-resources of the library

Answer: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Answer: 0

4.2.6.1 Average number of teachers and students using library per day over last one year

Answer: 0

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Answer:

The department of Computer science started functioning since the inception of the College in the year 1995 which is one of the biggest department in calicut University. IT facilities and infrastructure have been constantly updating on time to time. Presently there are 12 LCD projectors(Portable and Fixed) spread over 7 department. There are four computer labs. One exclusively for BVOC students, one for UG Degree, one for PG Degree and one for IEDC Cell of the college. There are 113 computers spread over the 4 labs. Mathematics and Physics department have separate computer labs. **We have a full-fledged, state of the art media lab with all the facilities** for the practical training of the students including DSLR and professional cameras. Tripods, Microphones, audio recorders mixer, digital audio workstation, MAC Editing Machine, teleprompter, audio booth and shooting floor.

IEDC Lab has 7 Arduino boards, chips sensors IR modules, bluetooth module, MAC mini system, potentio meters etc.

We also have Fully structured Networking including optical fiber connectivity with 100 Mbps speed. The campus is having wi-fi connectivity with campus own Wi-Fi and kerela govt. free Wi-Fi. All computers are connected to an IBM Server through a Cyberoam firewall.

The institution is equipped with 165 computers and 7 laptops. Power supply is ensured by 7 UPS with 5 KVA and 2 UPS with 3 KVA. One 10 KVA Solar power plant and 25KVA Generator also support the power supply. Server room has 36 U Rack, Dlink 24 port ,1Ghz switch. 12 switches connect the computers together. Peripheral devices like printers, photo copiers and scanners greatly help students, teachers and office staff in managing the e-resources. Licensed software owned by college include Microsoft. 33 campus surveillance cameras are installed in the campus. Ladies hostel has internet facility.

The college has also signed AMC (annual maintenance contract) with companies like Electro Controls and Corbiz Business Corporation which ensures proper installation, maintenance, periodic checking and the proper disposal of Computers, UPS and other electronic items.

There is a Public address system to communicate with the students.

Campus is automated with campus automation software TCS which facilitate automated student management, attendance, timetable, internal mark preparation, staff profiling and performance evaluation, parent portal, student portal and SMS alert.

Library is automated with Book Magic software. Access to e-journals and e-books are provided by N-LIST.

- Introduced Campus Wi-fi by installing 6 access points spread over 4 buildings.
- Introduced Firewall hardware for internet sharing and security.
- Introduced Kerala govt. free Wi-fi connection
- Purchased a new amazon fire TV stick for wireless video streaming.

File Description	Document
Any additional information	View Document

4.3.2 Student - Computer ratio

Answer: 7.52

File Description	Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Answer: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

Any additional information

[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Answer: 52.08

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
33.36	8.86	11.21	47.418	13.0

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

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

Answer:

General

The college follows a well-established system for the maintenance and utilization of its physical and academic facilities in order to ensure their sustainability so that the teaching/learning activities become both motivating and rewarding. This is primarily achieved through the monitoring of various committees like **IQAC, College Council, Building Committee, Purchase Committee, PTA** and with necessary support systems. These bodies give timely instructions and advice on the construction and renovation of buildings, procurement and maintenance of equipments and the proper upkeep of other facilities. The college gives added emphasis for maintaining all its assets properly for the prolonged use. For this, the college makes every one of its employees and stakeholders feel that they are the protectors and supervisors of all its properties. The college ensures transparency, efficiency and accountability with regard to the maintenance and utilization of its facilities. All the requirements are prioritized. The rules and regulations of library, labs and laboratories are displayed and given in the college academic handbooks. Every department has common procedures to collect complaints and directions from students and parents for proper maintenance. As the government does not permit the appointment of staff for maintenance and repair, the institution hires the service of external agencies for the purpose. The college management hires the service of local agencies for the maintenance of infrastructural resources. Annual maintenance contracts are given for all electronic and other laboratory pieces of equipment.

Laboratory

- The college has two science laboratories. The laboratories are set up by making use of fund provided by the various governmental and non-governmental agencies. All the students who have to do lab works are given separate hours supervised by the faculties and technical staff to ensure the desired output. The pieces of equipment in the lab are purchased with the intention of procuring quality products and ensuring the extended warranty. The college also makes sure the sufficient facilities for their safekeeping. The department keeps **complaints and maintenance register**. The periodic department meetings discuss the problems and they are timely reported. The complained items are repaired in time. The Labs are maintained by the lab assistants who are supervised by the faculties in the departments. A Solar panel and a diesel-powered generator of 100kVA capacity has been installed in the campus to meet the power requirement

- **Library**

Every academic year, the **library development committee** is formed under the supervision of IQAC, for the proper management and maintenance of academic development as well as infrastructure. Automating the library facilities using integrated library management software made the library more accessible. The collection of rare books, research theses and reports are handled with special care. IT infrastructure is improvised in the libraries. OPAC system for book search has been devised and regularly updated. Books and types of equipment are purchased from reputed firms. Proper stock verification is done regularly. Rules and regulations of the library are displayed in the notice board and are published in the college academic handbook in every year. On the completion of new admission, Library Orientation classes are conducted under the guidance of the librarian. The utilization of the library facilities per day both by teachers and students is recorded and their suggestions for library developments are systematically recorded. The library development committee meetings discuss the suggestions and take actions accordingly.

- **Physical Facilities**

The building maintenance is achieved through periodic monitoring by the building and space management committee. Suitable proposals are prepared for further action. College allocates adequate budget for annual maintenance of college infrastructure. There are provisions for the classroom maintenance, including furniture and electrical equipments regularly. Major pieces of equipment, ICT instruments and UPS are under AMC. Electricity-related problems are almost solved by the installation of a Solar panel of 100KVA, and to provide uninterrupted power, a diesel-powered generator of 100kVA is set up in the campus. six water coolers of campus are regularly serviced.

Waste Management

Waste Management is an unavoidable process in the smooth functioning of the Institution. Controlling the generation of waste and the proper disposal or recycling of the waste material is the paramount concern of the college. The College Management along with various clubs like NSS, Bhoomithrasena, Eco-club accomplish the mission of reducing the generation of waste material in the campus. The generated waste is separated to solid, liquid and e-waste and they are effectively disposed of by the college to make the campus clean and healthy. To preserve campus as a plastic-free zone, the institution effectively introduced **Green Protocol** and discourages the use of plastic. The plastic and non-plastic wastes are separately collected by placing different coloured waste bins with separate labels. The college and hostel canteens are equipped with Biogas plants and the collected food waste is deposited in the biogas plants.

IT Infrastructure maintenance and e-Waste management

- Electronic goods are used at their optimum level by proper use and maintenance. Since there is a Post-graduate Department of Computer Science with two computer labs, a technical Assistant and a lab assistants are appointed. They ensure the proper maintenance and functioning of computers in all the departments, administrative offices and Computer Labs. Apart from this, the college has signed AMC with companies like Electro Controls and Corbiz Business Corporation which ensures proper installation, maintenance, periodic checking and the proper disposal of non-working items. A stock register is maintained properly. All computers are connected to an IBM Server through a Cyberoam firewall for cyber security.
- **Sports Facilities**

Department of Physical Education monitors the maintenance of Sports Facilities. Regular maintenance of sports equipment and regular inspection of the sports fields are done. Protective guards are given to the players to ensure their physical security. Hiring professionals for special sports training and field maintenance are also done. The pieces of equipment in Gymnasium are regularly serviced and new ones are purchased whenever required. Stock and maintenance register being kept in the department.

File Description	Document
Any additional information	View Document

5.Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Answer: 73.45

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
964	829	837	682	511

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Any additional information	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Answer: 1.61

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
12	17	25	14	15

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab

6. Bridge courses**7. Yoga and meditation****8. Personal Counselling**

Answer: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Answer: 9.66

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
136	148	103	118	12

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Answer: 1.58

5.1.5.1 Number of students attending VET year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	37	45	0

File Description	Document
Details of the students benefited by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Answer: Yes

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

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Answer: 14.22

5.2.1.1 Number of outgoing students placed year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
31	39	35	57	53

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Answer: 25.44

5.2.2.1 Number of outgoing students progressing to higher education

Answer: 101

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Answer: 22.42

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
14	23	20	32	28

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
87	92	95	117	124

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Answer: 0

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

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Answer:

College Student Council

The college has a Student Council elected in parliamentary mode every year. The council comprises the Chairman, Vice Chairman, General Secretary, Joint Secretary, two University Union Councillors, Fine Arts Secretary, Student Editor, General Captain, the class representatives and association secretaries from major departments. The Vice Chairmanship and Joint Secretaryship are reserved for girl students. The Union functions under the guidance of a teacher, designated as Staff Advisor. The major activities of the Student Council include mobilizing students against various social practices through processions and demonstrations, observing days of national and international importance, preparations and publication of the college magazine, campus beautification, organizing arts and sports competitions, preparing the students for inter-collegiate, University level arts and sports events. The Union provides a platform for the

development of leadership qualities, organizing skills and creative talents of the students. The teaching faculty offer consistent support to the council, as the staff adviser, Fine arts adviser and staff Editor of the magazine.

After the formal oath-taking ceremony the Council starts functioning for the benefit of the students and for the general goodwill of the college. The union inauguration is the creative beginning of the activities of the Council, followed by the Annual Sports meet and Arts Festival. Both the programs help the students in preparing for the University level competitions. The council organizes a wide array of festivals and commemorations in the college to maintain its secular nature. The council works in tandem with NSS and different clubs and forums of the college. The council observes important days in association with the clubs of the college. The Kerala Piravi day, Onam celebrations, Eid celebrations, College Day and various other programmes are being organized under the auspices of the Union.

The important bodies of the college like Internal Quality Assurance Cell, Library Development Council, Anti-harassment Cell, Students Support Programme(S.S.P), Walk with a Scholar(WWS) have representatives of students. Representation in these bodies ensure the student participation in the curricular, co-curricular and extra-curricular activities of the institution. The opinions and suggestions of the student-members are being given due consideration which is helpful for the redressal of the grievances.

The different campaigns against gender discriminations, ecological exploitations and waste management highlight the vibrancy of the council. The council is prompt to address the problems faced by the students and works to facilitate a healthy environment for learning. The council coordinates the training of the students and prepares them for various competitions and events. The PTA supports the Council as and when needed. The Council also accepts voluntary donations for its activities. The College Day which marks the formal closure of the academic year is celebrated by the Council in full vigour.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Answer: 12.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
7	17	20	16	4

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Answer:

Alumni Association

The mission of the Alumni Association is to connect alumni to the College, to provide valued services to its members, and to support the mission of the institution. The Alumni Association is an active constituent of the college. The vibrant alumni act as an extension of the socio-political and cultural spheres. The alumni intervene creatively in the mechanism of the college. The alumni organization has a registered general committee and an International wing which is not officially registered. The association supports the college by contributing a substantial amount of money for the infrastructural facilities and student scholarship. Students who studied in this college have been working in various prestigious organizations in reputed positions such as Engineers, Research scholars, Media persons, Professors, Consultants, Doctors, Politicians, Scientists and Businessmen around the globe. Alumni Association of Sullamussalam Science College is dedicated to bring together the student community on a common platform to keep its members and friends involved in the institution's endeavours. The Alumni Association assists and encourages connections between alumni and students to build another channel of personal and professional support. Association conducts general body meeting once a year and makes plans to support the college in its growth. The Association organizes career oriented guidelines, higher educational assistance, guidelines about Industrial and academic opportunities. Many students are inspired by the activities of the alumni and currently pursuing their higher education in reputed institutions in India like IIT, IISc, IIM, NITs and Central universities. One of the highlight programs of the association is its merit-cum-means scholarship. Association provides financial assistance to poor students who prove excellence in their academic activities.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

Answer: ≥ 5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Answer: 18

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	4	2	10

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	View Document

6. 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*

Answer:

Sullamussalam Science College is an institution with minority status, holds a unique position in terms of its academic excellence, sport vibrancy, innovative systems and the humanitarian mission. The institution established in 1995 with a goal to form a centre of higher learning in basic sciences. Later humanities programmes and skill oriented programmes were also introduced. The college situates in rural picturesque hills of Areekode panchayath in Malappuram district.

Vision:

Educating the mind is a great venture we have undertaken in the name of the truth

Mission:

Improve the status of the rural and socially marginalized through education and to help students to embark on a journey of intellectual transformation with a global vision.

Sullamussalam Science College has set its vision and mission in tune with the fundamental principle of the National Policy on Education –“Education is a unique investment in the present and future”. As envisaged in the National Policy on Education, the college sets particular emphasis on the removal of social disparities by attending to the specific needs of the Muslim minority of the country, with distinctive reference to the womenfolk, who are educationally deprived and backward. Around 86% of the students admitted are from the educationally deprived Muslim community, 60%-70% of them being girls. As per the state government regulations, the college also set aside 20% of the total seats for the SC, ST communities.

Once admitted, the college pays special attention to the academic progress of every such student to help deficiency through various remedial programs like bridge program, remedial training, peer teaching, tutorial system and continuous evaluation and monitoring. The college conducts its academic programs and co-curricular and extracurricular activities aiming at the social and intellectual empowerment of the rural and economically underprivileged sections of Malappuram district, which form the bulk of the student population.

College follows fairness in the appointment of staff and admission of students. The college ensures that there is no discrimination among teachers and students on any basis.

The Management, Principal, Staff Council, PTA, IQAC, and faculty members, along with other stakeholders, cooperate to strengthen and achieve institutional Vision and Mission. The Managing Committee stands as an advising body to the Principal. Different academic and administrative body stands as supportive to the Principal for the functioning of the college. The Departments plans academic activities along with the guidelines of IQAC. The Head of the Department is responsible for the execution of all policy decisions in tandem with the vision and mission of the college. The teaching staffs of the respective departments stand as mentors for students in various co-curricular and extracurricular activities.

File Description	Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Answer:

The college follows a decentralized method of governance and promote participative management by involving various academic and administrative bodies in planning and execution of all activities on the campus. The Principal, Head of the Institution, takes important decisions in consultation with concerned departments and student representatives. Operational autonomy is allowed departments, clubs and associations to work towards decentralized governance.

Case: College Union Election

A Returning Officer, appointed by the Principal, notify the two-phase parliamentary electoral process. Returning Officer controls and executes all electoral processes related to the Union Election. In the first phase of the electoral procedure, representatives from each class (constituency) are elected by a team Presiding Officer appointed by the Returning Officer. The Presiding Officer is chosen from the teaching staff. The first phase election is performed in the presence of all students. Students elect their representative to the eight general posts in the second phase of the college election. The Returning Officer assigns the duties among all teaching and non- teaching staffs for the smooth functioning in the second phase.

Participative Management

The practice of participative management is exercised through different departments, forums and clubs. The different committees under Departments operate in full collaboration with other departments, the Staff Council and Student Bodies. These department operations include Internal Examination committee, Admission Committee, Research Committee, Discipline Committee, Anti- Ragging Cell, Anti- Harassment Cell and committees for Arts and Sports events.

The Principal appoints a teaching staff, the responsibility of controlling the Examination process along with non- teaching staff as support. The Internal examination coordinator notify examination date, consolidate the results. Every teacher in the department has duties in the execution of the examination. During the Arts and Sports events, all teaching staff is entrusted with duties in managing the competitions, from being appointing as judges of programs and games, event in- charges and as the medical team in emergency. The Admission Committee headed by the Admission Nodal Officer distributes the admission procedures between the teaching and non- teaching staff. The preparation and notification of selected students for admission, reporting to community quota and registration process are conducted with the help of the entire system of the college.

The Discipline Committee of the college with multiple cells within consist of all teaching staff. Anti- Ragging Cell, Anti-Harassment Cell work in collaboration with the Discipline Committee. The Discipline cell constitutes in college and Department level. Further, different student cells work parallel thus the college could develop a peaceful, co-existing culture in the college. The Discipline Committee along with other related cells prevents harassment, using narcotics, and alcohol, etc.

The faculty members and students are assigned the responsibility of the forums and clubs by which they coordinate the activities. Students frequently contribute to the regular activities of the college. These forums and club include NSS, ASAP, SSP, CGC, Quiz Club, Reader's Forum, Film Club.

File Description	Document
Any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Answer:

The institution is committed to impart **quality** value based higher education to achieve academic excellence through continual improvement of its scholastic ability. Our goal is to ensure the national and international competitiveness and professional acknowledgement of the Institution with reliable, high quality education, skill development programmes, research activities and other services.

Based on the recommendations of the 2nd cycle NAAC visit in February 2014 and the feedback from the college academic community a combined meeting of the IQAC and staff council was held on 08/08/2014 to prepare a strategic plan, with inputs from the Management. The meeting analyzed the recommendations of the NAAC report in detail and thrust areas were identified to transform the institution to *Centre of Excellence*. Seven broader areas identified, viz. Academics with emphasis on Skill based education, Digital and E-learning, Innovation, Research, Green initiatives, Community Service, Industry Collaboration and Infrastructure.

Long and short term plans in various identified areas were framed and implemented. One such area which was successfully implemented and institutionalized was Skill Based Education in tune with the mission and vision of the college.

Academics with emphasis on Skill based education

One of the main objectives of the strategic plan was to promote the programmes with skill components. The college has been running UGC aided Add-on programmes from the year 2011 onwards. When the UGC called for the first B.Voc programmes in 2014, IQAC took initiative to submit the proposal for **B.Voc Broadcast Journalism and Software Technologies**, two most demanded areas in job industry. Our college was one among the odd 95 colleges in the country, which has been sanctioned with B.Voc programmes in the first phase in the year 2014. Later in the 2018, we have been sanctioned two more programmes, 'Accounting & Taxation' and 'Instrumentation', which will be started in the year 2019-20. B.Voc programmes are designed as per the NSQF standards and multiple exits are possible such as Diploma/Advanced Diploma/Degree. MOUs are signed with various industries/institutions to Design the curriculum, Expert faculty exchange, Internship and Placement. Apart from the B.Voc programme, though not aligned with the NSQF, the college started UGC aided innovative programme '**BA Islamic Finance with Computer Application**' with an intake of 24 students.

To supplement the above skill based programmes, we have started several other projects and programmes. The College launched a project called 'Astra', with a view of helping women Skilling & Entrepreneurship in 2014. This was formally inaugurated by the then Chief minister of Kerala, Sri. Oommen Chandy. Another milestone was the sanction of Innovation and Entrepreneurship Development Cell (IEDC) to the college by the Startup Mission (KSUM), Government of Kerala. Student members of the IEDC have participated as many 10 programmes across the state during the period 2014-15 alone, and won many prizes and awards. They have also setup an Adrinuo lab for developing innovative products under IEDC.

The college also provided Additional Skill Acquisition Programme (**ASAP**) in 2016-17 with the financial support from the Kerala Government.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Answer:

The college was established in 1995 by Muslim Educational Association, a society registered in 1994. It has a clear vision and mission and its Governance & Leadership are well defined to achieve human and academic excellence. The institutional leadership has always been participatory.

College Managing Committee

The College has a multi-tier system of leadership with the Managing Council of the Muslim Educational Association at the apex of the Governance. The Managing council elects the Director board members, Managing Director and the Chairman of the Managing Committee. The Managing Director, who represents the Manager, is in charge of decisions related to management at all levels of governance. The Manager, the Principal, the IQAC, and the College Council work together in creating policies and modus operandi of the programmes to ensure quality.

All the activities of the college are in compliance with UGC regulations and directives of the Directorate of Collegiate Education, Govt. of Kerala and the Act and Statutes of the University of Calicut to which college is affiliated.

Principal

The Principal is in charge of all academic and administrative activities of the college. He, being the Ex-Officio member of the Director board executes the policies and programmes of the Management committee through various academic and administrative committees. He is responsible for managing the major administrative and academic tasks in consultation with the Staff Council.

Staff Council

The constitution of the Staff council is as per the regulation of the Department of Collegiate Education, Government of Kerala. The Staff Council assists the Principal for all major decisions regarding internal administration of the college. It is the apex body of decision making.

IQAC

The IQAC is constituted under the chairmanship of Principal as per the guidelines of the UGC and the NAAC to bring a quality culture in the institution. IQAC is a significant body to monitor both academic and non-academic activities and takes necessary steps to enhance the quality and implementation of such activities.

Department and Administrative Heads

Heads of each academic department take the responsibility regarding various academic/non-academic performances of the students. HoD monitors the academic progress and regularity of students through class tutors assigned for all classes.

Clubs, Forums & Cells

Various statutory cells such as Grievance Redressal also play a significant role in the administration and management of the college. Many clubs such as Eco club, Kottaka (Film Club) etc. functions very effectively in our campus. A three tier grievance redressal mechanism is in place to redress the student's grievances.

Service Rules:

Kerala Service Rules are applicable for leave, traveling allowance, pension and related matters. UGC regulations in force from time to time as notified by the Government of Kerala, are applicable for pay scales, promotions, and career advancement.

Recruitment/Promotional Procedure:

The Faculty appointment is based on merit and no capitation is taken by the management to ensure quality. The recruitment/promotional policies adopted by college are wholly in accordance with UGC and Kerala Government guidelines.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. *Planning and Development*
2. *Administration*
3. *Finance and Accounts*
4. *Student Admission and Support*
5. *Examination*

Answer: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Answer:

The Internal Quality Assurance Cell (IQAC) of the college makes it mandatory for the cells and bodies functioning in the college to take decisions by convening meetings and maintaining the minutes of the same. Each of the cells/bodies in the college – Parent Teacher Association, Staff Council, Grievance Redressal Cell, Anti-Ragging Committee and Purchase Committee, to mention a few- meticulously maintains the minutes of its meetings and implements its decisions effectively.

For example, the functioning of the Parent Teacher Association (PTA) shows how efficiently the association implements its resolutions taken in its meetings. PTA works with all dedication and interest for the welfare of the students and the institution. It enormously contributes to the infrastructure development of the college. It also extends financial support to the academic conferences, seminars and workshops conducted by the departments from time to time. Apart from these, PTA organises various programmes for students and parents. Thus it promotes all round development of the students by ensuring the participation of the parents.

PTA, keeping all round development of the students as its main objective, with and without collaboration of other associations, has been organizing various programmes over the years. Career Guidance

Programme, Awareness Programmes for Parents, Leadership Workshop for Student Union Members, Women Empowerment Programme, Reception to Student Achievers, Installation of Biogas Plant, Installation of Water Purifiers, Renovation of Canteen and Ladies Restroom are some of them.

An Example

In the year 2016, it became necessary for PTA to discuss the matter of drug abuse which had been reported in the neighborhood of the college. In the PTA executive meeting held on 18-02-2016, principal presented the matter before the members emphasizing the timely intervention from the association to stop its spread to the campus. Thus it was decided to hold a special general body meeting for the parents of boys and discuss the matter. It was also decided to organize an Anti-narcotics Awareness Class on the same day involving Saleem, co-ordinator of Vijayabheri (an educational project started in the academic year 2001-02 by the Malappuram District Panchayath) and resource person of Centre for Information and Guidance India (CIGI).

As per the decision taken in the executive meeting, both the meeting and the awareness class on anti-narcotics were organized on 01-03-2016. The resource person talked about the importance of giving more attention to the students during the adolescence period and asked the parents to be the friends of their wards so that their children share their anxieties and thus early identification of drug addiction, if any, could be done.

Minutes and Auditing

The secretary of the association prepares and maintains the minutes of the meetings and other relevant documents related to the functioning of the association and makes these available to authorities concerned for inspection. Auditing of PTA account is done every year and the office of the college keeps the record of the same.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

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

Answer:

The institution considers its entire teaching and non-teaching staff as part of one big family of the college. Hence, it is very keen on imparting various welfare programmes that create a healthy and conducive atmosphere for both teaching and non-teaching staff. Various welfare schemes provided by the college to the teaching and non-teaching are listed below.

1. Provident Fund and ESI coverage for all as per rules
2. Health Coverage – GIS (Group Insurance Scheme) for the whole staff and the premium is paid by the college
3. Organizing workshops and counseling sessions for the staff to keep them strong and grow holistically.
4. Duty leaves are granted for attending officially sanctioned seminars and workshops
5. Institution gives financial assistance to faculty members to take part in various academic programmes.

6. The institution grants maternity and paternity leave for the eligible members of the staff
7. Recreational room for the staff.
8. Special parking area is arranged on the campus for teaching and non-teaching staff.
9. Free WiFi facility provided for the staff.
10. Sports facility such as badminton court, Gym etc.
11. Staff tour and Staff get-together programmes.
12. Functional arrangement with the neighboring hospitals for medical facility.
13. Honoring of teachers acquiring higher academic qualifications by PTA and Management
14. Maternity leave for 6 months

A staff club has been formed in the college to protect and facilitate the common interest of the teaching and non-teaching staff without the hurting the common goal of the institution. All teaching and non-teaching staffs are the members of the club. The secretary of the club is elected in the annual general body meeting. The welfare measures of the staff club are-

1. To ensure the welfare of all of its members.
2. To maintain a general fund for the requirements of the staff and students.
3. Honouring of the Staff with gold coin at the time of retirement
4. Honouring of teachers acquiring higher academic qualifications.
5. Conducting staff tour and family get-together.
6. Interest free loan for the needy members.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Answer: 0

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document

Details of teachers provided with financial support to attend conferences, workshops etc during the last five years

[View Document](#)

6.3.3 Average number of professional development / administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Answer: 4.2

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
4	5	5	4	3

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Answer: 32.71

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
19	23	18	16	24

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Answer:

The institution holds an effective appraisal system for rating the performance of both teaching and non-teaching staff. The system aims to analyze the performance of faculty members and non-teaching staff and also further enhancement can be done on the basis of the appraisal system implemented. For assessing performance related to teaching, the evaluation indicators are academic excellence gained by the students, learning outcome of the students and the API scores of the faculty. For non-teaching staff, the indicators are efficiency and time bound completion of tasks assigned to them.

The college assesses the performance of its staff by considering the self-assessment analysis of the staff and assessment made by the beneficiaries. Students and parents are major sources of feedback. The self-assessment of the staff is taken periodically and evaluated.

Student evaluation on teachers: A computerized teacher assessment of students is implemented by IQAC to evaluate the performance. After reviewing the feedback of the staff given by the students, the Principal provides counsel to the faculty members confidentially. The students are also asked to give their feedback on the experience gained on the respective programmes they have chosen and they are assured of their anonymity while giving the feedback.

Parent evaluation on curriculum: The internal quality assurance cell (IQAC) of the college is collecting feedback from the guardians of the students based on curriculum for enhancing intellectual aptitude, personality development, higher education, employability and solving social and personal problems of their wards. On the basis of this survey, adequate and timely suggestions are provided by the Principal to the concerned faculty and departments to improve their performance of curriculum delivery. The preferred suggestions are discussed at the staff council and recommended for implementation.

Self-Appraisal Form for teachers: Every teacher is required to submit self-assessment form in the required PBAS format based on the API scores thus gained, as and when indicated by the UGC. The Self-assessment forms are critically assessed and the teachers are encouraged to better their performance levels.

Self-Appraisal for non-teaching staff: Self-appraisal forms of Non-teaching staff is collected and the Principal reviews their performance.

Academic Monitoring System: The completion of the syllabus is ensured by the Principal using the academic monitoring system which is verified by the Heads of the Departments. The head of the department ensures the time bound completion of the academic schedule by evaluating the teachers' diary maintained by all faculty members.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Answer:

The college, being a government aided college, receives funds from agencies like UGC and RUSA, and also from the Management, PTA, Alumni; and grants and scholarships from State and Central government. The Institution has a transparent and well planned financial management system and the Principal and the purchase committee supervise and ensure that all financial transactions are done after due care and as per rules. The internal and external financial audits of grants and funds sanctioned by Government/UGC and funds received from other sources are conducted separately.

Audit of Funds received from UGC and other government sources

The government procedures prescribed in the Kerala financial code must be followed for all grants and funds received from state and central governments and agencies like UGC. A three level audit is performed in these cases.

Chartered Accountant- As per the sanction letter for such grants/funds, the income and expenditure statement are initially submitted to an external registered Chartered Accountant. The audit report issued by the auditor with utilization certificate and all necessary ratified accounts are submitted to the concerned sanctioned authorities.

Directorate of Collegiate Education-At the time of annual audits by the Directorate of Collegiate Education, the audit team verifies all the financial documents related to the public funds utilized by College. After hearing the clarifications and corrections, the final accounts are settled.

Accountant General, Kerala-The Accountant General, Kerala also conducts their periodic verification of all the accounts sanctioned by the Government. Their suggestions and directions are also incorporated in the further utilization of the funds.

Audit of funds received from sources other than Government.

The funds received from the management are audited internally as well as externally on regular basis. All the financial transactions initially be approved by the Principal and the Manager. One of the Director board members, with experience in auditing, audits the management accounts immediately after the completion of an academic year and finish auditing within a months' time. The audited report is then presented before the Board of Directors and then audited externally by a registered Chartered Accountant.

PTA funds are internally audited by a team of members constituted by the PTA. A chartered accountant audits and certifies PTA funds and will be placed in the general body meeting of PTA and gets its approved.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Answer: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

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

Answer:

The institution has clear and systematic approach for sending proposals in fetching grants from various funding agencies, including the UGC. Moreover, the 'A' Grade of the college on the basis of assessment and accreditation by the NAAC during 2nd Cycle, helped the college for fetching grants from the UGC and from the RUSA, for various schemes to attain and sustain quality in teaching and learning. Some of the grants received from funding agencies by submitting the proposals from the college are detailed below.

1. Grant-in-Aid - A major portion of committed and regular funds are provided by the Government of Kerala in the form of Salary of the employees (Grant-in-Aid).
2. Infrastructure grants from the UGC-The College has received grants from the UGC for many infrastructure developments such as ladies hostel, Indoor stadium, IT infrastructure, Library development etc.
3. Infrastructure grants from the RUSA- RUSA grant of Rs. Two Crores for physical infrastructure development, Renovation and purchase of equipment.

4. Grants for Seminars and Conferences- The institution also received grants from the UGC, KSHEC, and Science Academy for organizing various international and national conferences
5. Travel Grants- Foreign travel grants have also been received from the UGC.
6. Science Day Celebrations - Dept. of Science and Technology, Kerala, provides funds for celebrating Science day annually.
7. Scholarships- Grants under various scholarship schemes, viz. E-grants Scheme of Harijan Welfare, Government of Kerala, Single Girl Child scholarship by UGC, Post-Matric Scholarships to the SC, OBC students, Minority girls' scholarships etc. have also been mobilized
8. Research projects- 3 Minor Research Projects under UGC grant has been completed
9. General Development Assistance by the UGC
10. Remedial, NET coaching and Entry into Service Classes - To promote inclusivity and equality, funds are solicited to ensure upliftment of those belonging to reserved categories like SC, ST and OBC. This is done through systematic institutional strategies like Remedial Coaching Classes, free- coaching for NET and Entry into Services and other competitive exams.
11. The College receives fund from the State Government for the special programmes like Additional Skill Acquisition Programme, IEDC, Walk With Scholar, Scholar Support Programme, Bhoomithra Sena, Agriculture department and it is utilized for the same purpose in the best possible way
12. Central/State Government funding for NSS
13. Income from Self Financing Courses is also used for College development

Apart from the funding agencies, Local MPs, PTA and Alumni Association also contribute both in kind and in cash towards students' welfare. To ensure proper utilization of resources, scrutiny is done at management and college level. The IQAC of the college also suggests ways and means for systematic utilization of funds both for academic and co-curricular purposes. The funds are properly utilized in time bound manner and utilization certificates are sent to the concerned agencies.

File Description	Document
Link for Additional Information	View Document

6.5 Internal Quality Assurance System

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

Answer:

The IQAC has institutionalized several practices as part of internal quality sustenance and enhancement in academic, administrative, and extension activities of the college. It furnished guidelines in Preparatory workshops for the freshers, House-a-year, Students initiatives in palliative care, class PTA workshops, maintaining internal quality records and a wide variety of student enrichment programs like the activities of WWS and IEDC. The following practices introduced by IQAC aims towards ensuring the overall growth of the institution, focussing on academic matters.

Bridge Courses

The orientation programs for the fresh batches of all undergraduate programs at the commencement of the program is an IQAC initiative began in 2007. The one- week program conducted every year during the

beginning of the degree program consists of interactive sessions focussed on the stuff and style of the respective subjects with the following objectives.

- To create an atmosphere that minimizes anxiety promotes positive attitudes and stimulates excitement for learning.
- To introduce relevant skills and methods for learning
- To bridge the gap between +2 and degree programs.
- To assess learning levels of the new batch of students.
- To introduce effective learning techniques.

The program components involve commencement talk by an eminent scholar, conceptual discussions, and group learning activities, familiarization of standard learning resources, reading sessions, and web-assisted learning.

Feedback collected from the students reveals that the programs were successful in motivating the students. They could realize the need for a paradigm shift in their approach towards learning. The candidates for Walk-with-a-Scholar (WWS) and Scholar Support Program (SSP) – two college level schemes for advanced learners and slow learners - are identified through this Orientation Program. Thus the Orientation Program is highly successful in channelizing and concentrating our students in meaningful learning experiences.

Class PTA Workshops

Besides general body and executive meetings of PTA, combined sessions involving parents, students and teachers are conducted at the commencement of each academic year. These class PTA workshops highlight the relevance of the quality enhancement focussing on the overall learning experience of the students. Unlike ordinary PTA meetings, these workshops are usually conducted on holiday to ensure maximum participation of parents. Parents show much interest in these workshops as they help them to evaluate the present academic status of their children. The programs consist of talks and discussions on the overall learning experience of the students. Teachers present the progress report of the students in their respective courses and suggest solutions to overcome common difficulties experienced by the students in learning. Awareness talks on online courses, future avenues for higher studies, and green practices on the campus are also part of the workshops. Parents participating in the discussions express their views and suggestions for the betterment of students' academic performance. Discussions focussing on the performance of the students help them prioritize their matters and motivate them in learning. The active involvement of parents throughout the programs and positive changes found in students afterward prove the efficiency of these workshops.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Answer:

The IQAC is in charge of reviewing its teaching learning processes, structures and methodologies for identifying operating matrices and obtaining learning outcomes. To review the teaching learning process, IQAC has implemented several initiatives like Academic audit, Parents meeting, Result analysis, Faculty seminars etc. in the College. In digital era, there is a paradigm shift in the teaching-learning methods with the ICT tools. We, therefore, have also adopted ICT enabled teaching learning process and followed it rigorously.

Three examples of institutional reviews and implementation of teaching learning reforms are:

IT infrastructure & ICT tools into the teaching and learning process.

The college has been making consistent and sincere efforts to improve its existing IT infrastructure as per the need of the hour and requirements. ICT tools are being used all over the world for teaching learning process than ever before. This involves online digital learning, digital presentations, digital content creation etc. The utilization of ICT tools and available e-resources in the college has helped in making the teaching and learning more effective and student-centric. The students are encouraged to make use of ICT as much as possible. The Online resources like Inflibnet, ACM digital library help them an easy access to the learning resources. The college website also makes available the information regarding its faculty members and department to facilitate accountability and transparency. The following facilities are provided

- To avail all the ICT facilities without hindrance, college the campus is made Wi-Fi enabled.
- All the computer labs have been upgraded with latest hardware and software. Central announcement system is installed on the campus.
- Central Library is fully automated and Barcode enabled, with Online OPAC (WebOPAC)
- Digital library corner has been arranged in the library, for accessing e-resources in the digital library 'Green Stone'
- The Administrative offices have also been provided improved hardware and software
- Enhanced connectivity with Optical Fiber Connection having 100Mbps speed.
- Installed Hardware Firewall 'Cyber Dom' for online safety and security.
- Implemented ERP for College Academic and Administrative Management.

Academic Audit

A three level audit process is conducted to reviews it's teaching learning process regularly through the structures formulated by the institution. Self-audit report prepared by the faculty members at the end of every academic year is evaluated by the IQAC academic audit team. IQAC plays a key role in the process at the level of Institution, Department and Faculty member. After the completion of the audit, the audit report and comments are submitted to the College IQAC which in turn hands it over to the respective Departments to take necessary measures for improvement, if any.

Feedback system

A feedback system is in place in the institution from the first NAAC visit onwards. Initially manual feedback is taken and later in 2015 college implemented online feedback system on teaching learning. Students give their feedback online which only the Principal will have access to viewing. The final feedback report is generated and mailed to respective teachers by Principal, thus making the details of the students who offered feedback anonymous and confidential. This is carried out every year for almost all courses

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Answer: 11.6

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer:

2017-18 2016-17 2015-16 2014-15 2013-14
13 12 11 11 11

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2. Academic Administrative Audit (AAA) and initiation of follow up action**
- 3. Participation in NIRF**
- 4. ISO Certification**
- 5. NBA or any other quality audit**

Answer: C. Any 2 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document
Annual reports of institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle)

Post accreditation quality initiatives (second and subsequent cycles)

Answer:

Post accreditation quality initiatives and significant achievements

Curricular

- Started new B.Voc Programs in Broadcasting and Journalism and Software Technology
- took initiative to increase representation of Teachers in Board of Studies and Academic Council, and participation in curriculum designing
- Applied UGC approval for B.Voc program in Accounting & Taxation and Instrumentation. The program got approved
- Offered 'BA Islamic Finance with Computer Application' from the year 2013 for three years with the aid of UGC.
- Continued Add-on courses in Computer Hardware & Networking and Accounting Practices with the financial support of UGC.

Teaching and Learning

- Organizing Bridge courses for the newcomers with necessary modifications from year to year
- Enhanced classrooms with ICT-based learning, tech- talks and theatre-in-education
- Ensures the conduct of internal examinations within the time constraints of semester schedules

- Established Walk With a Scholar (WWS), a program with specialized mentoring for advanced learners
- Initiated Scholar Support Program (SSP) to provide timely assistance in terms of tutorials, additional lectures, interactive sessions, and distribution of study materials for slow learners.
- Organized International Colloquium on "Creative Teaching and Learning in Higher Education", an Erudite program, a Colloquium on "Gravitational waves", Science Academic Lecture Cum workshop on "Harmonic analysis" and National conference on "Higher Education" to enrich student learning experiences.
- continued mentoring system with necessary reforms
- Ensure participation in various student enrichment programs organized by reputed institutions. (Out of 180 students selected by DAE at the national level during the last five years, 44 students belong to our college. These students won various prizes in All India Nuclear Energy essay contests organized at Bhaba Atomic Research Centre. Mumbai)
- Increased the enrolment of online courses from different institutions across the world.
- Implemented "Virtual Teacher" a collection of video lessons by our faculty members
- Started Media Lab for developing e-contents
- launched A Campus YouTube channel called SS Live and a Campus Newspaper "Communicator" and three Blogs (Thiruthu, Edge, Thettali) are maintained by the students

Research and Extension

- Three international seminars, twelve national seminars and more than 20 other major seminars and workshops were organised
- IEDC for the promotion of innovative thinking among students
- Face - to - Face programme between the students and successful entrepreneur
- 11 out of 24 permanent faculty members with PhD
- Computer Science department became a research department
- MoU with various industries and organisations to promote On the Job training, internships and entrepreneurship culture
- Constructed two houses under 'A House A Year' programme and the construction of the third one is in progress
- Students Initiative in Palliative Care organised a cultural and games zonal meet for psychiatric patients, co-ordinates homecare for paraplegia patients
- Kanivu, a charity fund, providing financial aid to the poor students of the college
- Eco Club conducts various activities like Herbal Garden, Butterfly Garden, Tree Plantation, Bottle Project, Plastic Free Campus, Bird Watching and surveys in various places
- Travel Club initiative with the slogan "Travel is Education"
- KOTTAKA, the visual media and photography club conducted many programmes to enable the students to critically evaluate and appreciate different art form like films, photography, painting etc.

Infrastructure

- upgraded Library resources with 6398 new books.
- Implemented Digital attendance in the library for staff and students.
- installed Web OPAC module in the Library
- Renovated Materials Science Division of Physics Laboratory
- Introduced a new computer lab for B.Voc Software Technology
- established Smart Lab
- Created two new departmental seminar halls with ICT facilities
- installed and upgraded Wi-Fi
- increased Internet bandwidth to 100Mbps.
- installed a Solar panel to meet a power requirement of 10KVA in the campus
- **introduced Indoor Training Hall for sports facilities**
- installed CCTV (surveillance camera) in the campus
- established Media Lab for production / e-content preparation
- Renovated Canteen with more dining facility and modern stainless steel kitchen equipment in 2014.
- Established Academic North annexe block with 5 classrooms, a guest room and a toilet.
- Renovated Open Air Theatre.

Student Support and Progression

- More than 70 percentages of students benefitted from scholarships and freeships.
- Implemented Additional Skill Acquisition Programme (ASAP) with the financial support of the Government of Kerala to acquire additional skills for the students
- strengthened Career Guidance Cell activities with programs like coaching for competitive examinations
- started 'Astra', a project to develop the skills in Computing for girl students

Governance and Management

- implemented Online ERP system
- Established Online Feedback
- Organized training programs for Faculty empowerment
- Organized Moodle workshop
- Implemented a system of keeping Internal Quality Records for various departments, clubs and forums
- Established M-governance, through the Mobile App of the ERP system that can be used by the Principal for monitoring, Teachers for academic management and Parents for student information.

Innovations and best practices

- Initiated Innovative Bridge Course to mold the students,
- Established Pain and Palliative, Santhwanam and Kaniv to reach out to society,
- Initiated IEDC cell to promote innovative thinking and entrepreneurship skills.
- Signed MoU with BIO ENVIRON TECH for plastic & e-waste disposal
- Utilized Solar Panel, LED bulbs to minimize the use of power
- Biogas, Incinerators, separate tanks for waste management
- Started Self-defense training for girl students to ensure gender equity
- Renovated herbal garden, massive plantation drive, setting up of poly house, rooftop vegetable cultivation to promote eco-friendly living.

File Description	Document
Any additional information	View Document

7. Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Answer: 12

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
1	4	4	1	2

File Description	Document
Report of the event	View Document

List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security

2. Counselling

3. Common Room

Answer:

Considering the majority of the students and faculty members are women, the college gives high thrust to gender equity by providing facilities for women in the campus. The admissions to the programmes offered by the College are open to all irrespective of gender and special focus. Women Forum functions in the college to serve the needs of female students. The forum conducts programs on women empowerment and gender equality. Department level programmes are also organised. The Institution provides Hostel facility for girls students and teachers for ensuring safe, secure and homely environment. The hostel has all security measures like round the clock security guard services. Shuttle Court functions within the Hostel, which is being utilised exclusively by the hostel inmates. College hostel provides an Automatic Sanitary Incinerator that offers safe, clean and hygienic disposal of sanitary towels, sanitary napkin pads and various small medical dressings. To ensure their safety and convenience, the institution provides separate bike parking space, toilet and prayer hall for girls inside the campus. The college offers girls exclusive access to college gymnasium. The martial arts training facility is provided in the college hostel. The institution promotes female students in all Industrial Visits and Study tours with sufficient female teachers accompany them as guardians.

Astra is a project launched by the institution with the help of Kerala Startup Mission and College Alumni for Women and Social Empowerment. The aim of the project is to redefine the service to the women students of the college by supporting them for their livelihood, even after they left the college. It provides them a technology workspace for IT and ITES in the college premises with the optimum use of college infrastructure. The project was inaugurated by the then Hon. Chief Minister Sri. Oommen Chandy on 20th September 2014.

Apart from the above-mentioned facilities, the institution makes sure that the female students are given psychological and moral support by giving them counselling session led by professional counsellor whose service is available every month. The college has a fully furnished counselling room. To offer assistance in fostering students with a healthy mindset, the counselling cell provides expert counselling on personal and academic matters. Counselling is open to all in need. The class teachers/mentors are assigned with the task of identifying the students who need counselling and he/she is directed to the counsellor at the earliest.

The college provides a separate, fully furnished common room with Wi-Fi connectivity for girls. There is an automated incinerator for the safety disposal of sanitary towels and pads. Separate wash rooms and toilet facility are also available for girls. A new separate building for girls titled A Room of Her Own is under construction.

The institution ran a Skill Enhancement Computer Training and Women Resource Centre in the college with the support of Kerala State IT Mission women empowerment. The objective of the course was to enrich computer operational skills, personality development, communication skills and behavioural skills of the female students in the college. The centre has 21 computers with internet facilities, printer and scanner. Female students from various departments of the college successfully completed the course with certificates form Kerala State IT Mission.

Employees and students are advised to report to Anti-harassment cell any form of physical or verbal harassments. College Union Council constitutes a minimum of two lady representatives. Representation

of girls in all the clubs and committees functioning in the college is ensured. Programs on legal options for women, domestic violence and personal health and hygiene are organised. There is an Anti Harassment cell functioning in the college for the safety and security of female students and faculty. Surveillance cameras are placed at various vantage points to ensure safety of whole students in general and female students in particular. The college has also round the clock security facility to ensure the safety of girls on the campus. Under the guidance of Physical education department, Self Defence Training is organised in the college hostel which helps girl students to build self confidence to defend against any type of physical assault. A Grievance Redressal, Anti-ragging Cell, Anti-Harassment Cell function on the campus as mechanisms for addressing the grievances of its stakeholders. To ensure the privacy of students, they are encouraged to leave their complaints in the drop box placed outside all the departments. These platforms ensure gender equity and justice for both the sexes..

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Answer: 50

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Answer: 14400

7.1.3.2 Total annual power requirement (in KWH)

Answer: 28800

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Answer: 36

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Answer: 2977

7.1.4.2 Annual lighting power requirement (in KWH)

Answer: 8269

File Description	Document
Details of lighting power requirements met through LED	View Document

bulbs	
Any additional information	View Document

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Answer:

Response:

Management of waste is an unavoidable process in the smooth functioning of the Institution. Controlling the generation of waste and the proper disposal or recycling of the waste material is the paramount concern of the College. The College Management along with various clubs like Bhoomithrasena, NSS, Eco-club accomplish the mission of reducing the generation of waste material in the campus. The generated waste is separated to Solid, Liquid and E-Waste and they are effectively disposed by the college to make the campus clean and healthy. There are different ways adopted by the college to manage these wastes. They include:

Solid waste:

In order to maintain cleanliness and eco-balance the institution always takes various steps to reduce the waste through reuse and recycling. Initiative for paperless office through office automation, consistent efforts to reduce the plastic carry bags, use of public addressing system and public notice boards help to reduce various forms of solid waste in the campus. All the teachers strictly maintain a software called TCS (Total Campus solution) which remarkably helps to avoid other paper works like keeping students' attendance, internal marks, student profiles, etc. An accounting software Tally is also installed in college office systems which systematically calculate and avoid piling of paper in the office. To preserve campus as a plastic-free zone the institution effectively introduced Green Protocol and discourages the use of plastic and flex boards in various programs.

Food waste, plastic and papers are the major solid waste materials generated in the college. Under the proper instructions of Eco-club student members, the plastic and non-plastic wastes are separately collected by placing different coloured waste bins with separate labels at various locations on the campus. The college and hostel canteens are equipped with Biogas plants and the collected food waste is deposited in the biogas plants. The gas produced from the Biogas plants is used for cooking purposes.

College hostel provides an Automatic Sanitary Incinerator that offers safe, clean and hygienic disposal of sanitary towels, sanitary napkin pads and various small medical dressings. There is also a one more Napkin Killer installed in the common room for girls.

As part of Green Protocol, the College insists the students bringing their lunch in lunch boxes and water in steel bottles so that the piling up of waste paper and plastic can be controlled. PTA of the college sponsored around two hundred steel glasses for the reduction of the generation of waste in the form of disposable plastic glasses. In order to reduce the generation of paper waste, the departments promote the submission of assignments online. Wastes like plastic and paper are also sold to scrap dealers.

Liquid Waste:

Effluents from toilet, washbasin and canteen are the major liquid waste in the campus. These are collected in the separate septic pits and allowed to settle into the soil. Since the effluent pits are not located near the water bodies and the college is situated in the soily area, the effluent water gets naturally filtered. The biogas plant is also used for the proper disposal of wastewater. Waste water is also used to water the plants in the garden on the campus.

e-Waste:

Electronic goods are used at its optimum level by proper use and maintenance. Since there is a Post-graduate Department of Computer Science with two computer labs, the institution has a non teaching staff called Technical Assistant whose duty is to ensure the proper maintenance and functioning of computers in all the departments, Offices and Computer Labs. Apart from this, the college also has signed AMC (annual maintenance contract) with companies like Electro Controls and Corbiz Business Corporation which ensures proper installation, maintenance, periodic checking and the proper disposal of non-working electronic items. This periodic checking ensures that non-working or old electronic pieces of equipment are filtered out and disposed-off properly. This contract is renewed every year with proper guidelines. The institution gives much importance to give proper guidelines to students which helps us to keep our electronic goods from damaging.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Answer:

Response:

The institution is situated by the side of Chaliyar river which is one of the main sources of water in the locality. Hence water is available throughout the year and college never underwent water scarcity in the last five years. The college has instituted several mechanisms to harvest water as part of our mission of sustaining natural resources for future generations. Rainwater harvesting is the major water conservation activity adopted by the institution. The college management has taken several measures to ensure proper and productive use of rain water. The institution successfully implemented rainwater harvesting system on the back of East Block which systematically refills the storage tank adjacent to the block. The same system is functioning in the college hostel to replenish water in the well which is the primary source of drinking water available to students and teachers. To purify the water that is harvested we have installed a series of water purifying systems on the campus.

The water that is stored in the 1 lakh litre storage tank is used to meet the other water requirement on the campus. The state of the art water purifying systems installed along with the tank ensures the quality of the water stored in the tank. This body of water functions as a perpetual source of water for the number of toilets and all other facilities on the campus. In addition to all these facilities available, the institution has installed a well-maintained water purifying system inside the college canteen.

Even in the first building on the campus has structures to collect the run-off water from roof tops. The collected rain water in gutters are channelled into down spouts. The water pits aid the percolation of the rainwater which replenishes the depleting groundwater. The same method of water harvesting is followed in the college hostel as well. The design of the canteen is conducive for the collection of rainwater from the roof-top in the middle of the canteen building. The water is allowed to percolate which replenishes the groundwater

The playground of the institution is specially designed to preserve rainwater which regularly recharges the well beside the Ladies Hostel. The student members of Bhoomithrasena have dug many rainwater pits adjacent to the compound wall and systematically maintained to preserve rainwater which is the reason why the soil of the campus is wet and fertile throughout the year. Instead of concreting, the main courtyard of the campus is spread out with bricks and gaps between bricks ensure the proper flowing of water down to the ground. Above all, various clubs and forums like Eco-club, Bhoomithrasena and Kottaka conduct many programmes and seminars to create awareness about the importance of judicious use of water among students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- *Students, staff using*
 - a) *Bicycles*
 - b) *Public Transport*
 - c) *Pedestrian friendly roads*
- *Plastic-free campus*
- *Paperless office*
- *Green landscaping with trees and plants*

Answer:

Public Transport:

Since the college is situated in a hilly area using bicycle is not feasible. Therefore, the students are encouraged to use public transportation system and more than 80 % of the students and teachers use public transport facility for their journey to and from the college. The teaching and non-teaching staffs also adopt car-pooling system which immensely helps in the reduction of emission of hazardous gases that negatively affect the environment. A significant number of students from neighbouring villages come to College on foot also helps to reduce Carbon Foot Print.

Pedestrian Friendly Campus:

Students' vehicles are parked in a special parking facility beside the campus . So, the campus remains pedestrian friendly which is monitored by the 24 hours security service at the entrance. The institution ensures this environment by providing a separate parking facility for students' vehicle outside the campus which helps to avoid parking their vehicles by the side of the road. The College has pedestrian friendly footpaths inside the campus connecting every building and department.

Plastic-free campus:

With the implementation of Green Protocol, the campus is declared as a Plastic-free campus. As part of Green Protocol, the College insists the students and teachers to bring their lunch in lunch boxes and water in steel bottles so that the piling up of waste plastic can be controlled. To keep this fact in mind the college PTA contributed around 200 steel glasses to the office which have been systematically used in all the programmes conducted inside the campus. Both the college and hostel canteens use Steel and glass wares which reduces the plastic waste in the campus. Teachers along with various clubs and forums like Bhoomithrasena and Eco-club take all the necessary monitoring to keep the campus a zero plastic zone.

Semi-Paperless Office:

With the introduction of a software called TCS (Total Campus Solutions) in 2014 the office is partially declared as 'paperless office'. This was an effective step towards office automation which carries all the student and teacher related records and reports paper free. The college library is computerised with OPAC system and E-resources like INFLIBNET. Most of the communication to staff and students are made through Emails and other digital methods. Public Notice Board at the administrative block, announcement through Public Addressing system are the other initiatives towards paperless office.

Green landscaping with trees and plants:

Though the college is situated in a rocky place, the students and teachers made this campus turned this campus to green by planting a good number of trees and plants. The College has a beautiful garden with

yellow flowers and rich variety of plants which have been well-maintained by college gardener. Herbal garden in the College campus has more than 80 medicinal plants which have been regularly used by neighbouring villagers.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Answer: 4.52

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
.046	.15	1.04	11.20237	.4347

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Answer: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Answer: 58

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
6	21	17	10	4

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Answer: 55

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
11	11	13	12	8

File Description	Document
Report of the event	View Document
Any additional information	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal / Officials and support staff

Answer: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Answer: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional

obligations**Answer:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics**Answer:** Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**Answer:** Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**Answer:** 32

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
4	20	3	4	1

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**Answer:****GANDHI JAYANTHI CELEBRATIONS**

Gandhi Jayanti is being celebrated in the campus with various activities, lectures and cleaning programmes in order to remember our father of nation, as well as to promote the values he promoted, among the student community. The day is observed with an aim of making students aware of the messages given by our father of nation. Various activities are conducted in collaboration with different clubs and forums in the campus, led by NSS Unit of the college. Activities such as making waste pits, and cleaning the campus are done on the day.

TEACHERS' DAY

The Teachers' Day is celebrated in the campus by NSS Unit conducting various programmes on the day. A teaching competition was organized as part of the observation of the day to find out the best teacher among the students. It could help the students community to realize value of teaching as a profession, and also to celebrate their studentship.

CHILDREN'S DAY

Children's day is celebrated in the campus by adopting an neighbourhood Anganawadi in order to help students interact with children. They could mingle with them for one day and entertain them with various games and learning activities. The time helped students also to take a break from the hectic subject modules and to return to their childhood memories being with kids around. The celebration also give the students an awareness of the people who led us before, like Jawahar Lal Nehru on this day.

INDEPENDENCE DAY

Sullamussalam Science College celebrates Independence Day every year with great national spirit and patriotic fervor with NSS units. Teachers and students gather in the court yard and the Principal hoists the National Flag after which the Independence Day message is delivered. Sweets are distributed on the same day and the competitions such as Independence Day Quiz and patriotic song competitions are organized in commemoration of those who strove and sacrificed their lives for the Nation.

REPUBLIC DAY

Republic Day is being celebrated in the campus in order to ensure the national integrity and awareness among the students in the campus. Flag hoisting and other competitions are held in the campus. The NSS Unit of the campus takes initiative to conduct various competitions such as debate, elocution, quiz, essay writing and poster making in order to ensure student participation on the day, and also to create awareness on national identities among students. Republic day is sometimes also celebrated outside the campus by NSS Volunteers.

NATIONAL INTEGRATION DAY

The NSS Unit of the college has taken initiative to observe Rashtriya Ektha Diwas (National Integration Day) by conducting an awareness class and pledge taking. The NSS Unit also ensures the participation of all NSS volunteers in the programmes as the National Integrity is the motto of NSS activities. The day is observed with lectures on the topic by resource persons outside the campus.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Answer:

Transparency in Financial Functions:

The funding and financial sources are made fully transparent by having separate accounts for various funds such as UGC, PD Accounts, NSS Students' caution deposit, Special Fee, PTA, Scholarships, other financial sources from state government initiatives such as ASAP, WWS, SSP and management funds. These accounts are kept separately with different bank branches, and frequent audits are conducted.

Period financial auditing is also undertaken by Auditing Wing of the Directorate of Collegiate Education, Govt. of Kerala. Financial auditing is done regularly by external agencies like Charter Accountants as well.

Transparency in Academic Functions:

Since the primary concern of academic transparency is regarding the grading and evaluation, everything contributes to the evaluation criteria are made under an online platform - Total Campus Solution (TCS) which is used to consolidate the attendance, internal marks and other academic activities so that each student can log on to their account and confirm their marks given.

In addition to this, from the University's side, the results of the semester examinations are published in the website of University of Calicut.

The internal marks of the students are prepared based on their performance in academic activities and the different criteria stipulated by the Board of Studies in the University concerned.

At the commencement of every academic year, each department formulates an academic calendar based on the university academic calendar.

Administrative functions

The institution is working as per the Acts, statutes and ordinances of University of Calicut, the affiliating University and the directives from the Directorate of Collegiate Education, Govt. of Kerala. Admission to various UG and PG programmes of the institution is done through Calicut University Common Admission Procedure. The University allocates students to various departments based upon their marks in the qualifying examination to general merit quota and various reservation categories from which the students are then admitted to various Programmes of study by the College.

The infrastructural construction activities of the institution and other general purchasing is done by inviting public tender which will be published in the College website and newspapers. At the commencement of every academic year, each department formulates a non-academic calendar based on the university schedule, which is strictly adhered to.

Each department conducts class PTA every semester for students, which creates a platform for interaction between faculty members and parents wherein details regarding internal marks, attendance report, and other academic related information are shared.

Transparency in Auxiliary Functions

Auxiliary functions like conducting of workshops, training programmes, seminars, FDPs, conferences, invited lectures, etc. are conducted following the systematic procedure, under the supervision of Principal, or the coordinators of various bodies in concerned. From the approval of the programme till the submission of report, everything is monitored and transparency is ensured by the head of the institution.

The complete record of the entire process is made available in the department concerned, as well as the reports of the events on the website

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Answer:

Best Practice 1

1. Title of the Practice

BRIDGE COURSE: EXPANDING HORIZONS; FORMING PERSPECTIVES IN HIGHER EDUCATION

2. Objectives of the Practice

- To create a bridge between school curriculums and the college curriculum.
- To generate interest in students in their own specific disciplines.
- To generate research interest among the students
- To introduce the new resources available in their field
- To create an atmosphere that minimize anxiety so as to promote positive attitude and to create an environment conducive for learning.
- To assess learning levels of the new batch of students, and to design teaching strategy accordingly.

3. The Context

Sullamussalam Science College is situated in a remote village Areekod which is part of the educationally backward district Malappuram. Many students who enroll for UG courses faced difficulties in their studies because of the knowledge and skill gap. Many students who came from rural backgrounds were also not well aware of the career and research opportunities. IQAC of the college appointed a committee to overcome these challenges, and in the light of their findings, the college decided to offer a Bridge course at the beginning of the first semester for students in all the UG batches. Special sessions are also arranged during the semester breaks when a new area is introduced.

4. The Practice

Bridge course is offered for first year UG students on the first week of the first semester. On the first day, different tests are conducted to assess the knowledge level of the students. Through teacher- student interactive sessions, the teacher will identify the strength and weakness of every student. Bridge course schedules and activities are designed in the light of the feedback report prepared after student- teacher interaction.

Although the structure of the programme varies every year, the following components are common in the programme schedule of all years.

1. Talk by an eminent scholar.

One Eminent researcher or teacher either from a reputed institution or from the parent institution is invited to deliver the commencement talk for the orientation programme. The aim of this session is to generate interests in the students in their disciplines.

2. Presentations on the overview of the Discipline with focus on the UG curriculum.

The students are given an opportunity to understand the fundamentals of their subjects and they will be encouraged to explore the frontiers of their disciplines. There will be one or more lectures and tutorials on the core topics connecting school level to College level.

3. Group learning Tutorials

This session aims at generating awareness about problem solving and interaction skills among students. Different intermediate level problems are assigned to different student groups with 5 or 6 students in a group. Each group discusses various aspects of the given problem among the group members and arrives at a solution through analytical and numerical problem-solving strategies. Finally each group presents the strategies they adopted to arrive at the solution and shares the insight they gained through the group discussion.

4. Conceptual Discussions

This session is planned to simulate cross-cutting discussions on various popular concepts in their disciplines.

5. Reading Session

Different journal articles are given to various student groups as a reading assignment at the beginning of the orientation Programme. Each group works under the guidance of a teacher. Each student has to read and analyse the article in two or three days. Then there will group level discussions on the individual impressions on the article after reading in presence of the supervising Teacher and he conducts a group viva to assess performance level of the students. Finally there will be a combined Session of all groups to share fascinating facts experienced by reading.

6. Lectures and Tutorials on the Campus- Industry Linkages

Students are made aware of the application part of the topics under study.

7. Experimental approaches and Experimental Tools- an Introduction

Experimental facilities are demonstrated using videos. Hands on training sessions are also organized.

8. Familiarization of Learning Resources

This session aims at promoting the use of authentic books of international standards among the students which will enhance not only their learning potential but their communication skills as well. Moreover, Magazines Journals and web-sites highlighting the contemporary status of their disciplines are introduced.

9. Web-Assisted learning

This session introduces important websites, various types of mobile apps useful for learning and research.

10. Evaluation sessions and Feedback

Future sessions are arranged in the light of the students' feedback.

5. Evidence of Success

The Bridge courses conducted in the last five years had many positive impacts as revealed through increased involvement of our students in various national level science and arts enrichment programmes and performance in various post graduate entrance exams. The candidates for Walk-with-a-Scholar (WWS) and Scholar Support Programme (SSP) – two college level schemes for advanced learners and slow learners - are identified through this Orientation Programme. As a continuation of the bridge course, many Student enrichment programmes like Nurture Programme series, JAM coaching, Study circles , bridge courses and interaction with active researchers are organised . Our students have also won prizes in the national essay competition conducted by Bhabha Atomic Research Centre. Thus the Orientation Programme is highly successful in channelizing the potential of students .

Feedback collected from the students reveals that they are strongly motivated by the programme. They could realize the need of a paradigm shift in their approach towards learning. They could practice the interactive involvement in a class room.

6. Problems Encountered and Resources Required

It is difficult to meet all the objectives of the bridge course because of the constraints of time. In certain years, the university admission process gets delayed, and the bridge courses have to be rescheduled. Since the student intake in most of the courses is high, at times, it is difficult to give individual attention to each student throughout the course.

The bridge course is funded by the management. Financial assistance from external agencies will defiantly help us to organize more activities.

7. Notes

Bridge course prepares the young learner for further studies and research. When found necessary, separate sessions are arranged during semesters and semester breaks. This practice helps the students to develop better conceptual understanding, and a deeper knowledge in their disciplines.

Best Practice- 2.

1. Title of the Practice

THE STUDENTS INITIATIVE IN PALLIATIVE CARE (SIPC)

The Students Initiative in Palliative Care, which is an offshoot of Institute of Palliative Medicine (IPM) has been functioning successfully in the Sullamussalam Science college.

2. Objectives of the Practice

The objectives of the SIPC wing at Sullamussalam Science college is to offer medical and palliative care, and financial assistance to the weak, the elderly, and those suffering from chronic diseases like cancer. The SIP offers psychological, social, spiritual support to the needy in the neighborhood of the college.

Another aim of this forum is to encourage students to reach out to the society, which will help mould them as ideal citizens who will be an asset to the nation. Palliative care unit is aimed at inculcating the values of love, mercy, willingness to work for the poor among the students through social services

3. The Context

Malappuram, being one of the most backward district in Kerala has a huge number of population belonging to backward classes who cannot afford advanced medical and health care facilities.

Areekod, a village in Malappuram where the college is situated is surrounded by colonies of labourers who belong to the socially and economically backward classes. Because of pollution from neighboring industrial factories, like the Mavoor Gwalior Rions, The percentage of people suffering from cancer in the vicinity of the college was very high.

It was in this context, the college decided to employ students to offer voluntary care and assistance to deprived population in our neighborhood.

Students in Palliative Care (SIPC), an offshoot of Institute of Palliative Medicine (IPM) is a platform for our students to reach out to the needy and weak in the neighboring community. It is an excellent forum for students to bond with the community in and around the institution. The palliative care unit in the college began its activities in collaboration with the palliative care clinic at Areekode in 2009. In 2011, an independent unit was set up. This unit was known as students' initiative in palliative care. There is a consistent dialogue between the clinic at Areacode and the palliative unit in the college

4. The practice

Structured sensitisation in colleges and training programs for enrolled student volunteers are conducted in the beginning of every academic year.

In association with the Palliative Care branch in Areekode, the volunteers from SIPC unit engage in home care. The SIPC unit members make visits to the houses of bedridden patients on a regular basis.

SIPC members, in collaboration with Santhwanam , distribute food in various hospitals, asylums, orphanages and homes for the destitute by collecting money from the well-wishers. The SIPC volunteers receive expert training in disability management, health care, hygiene, and counseling.

The SIPC members organize *Pariraksha* Camps in the college.

The students along with the institution conduct arts fest for the palliative patients.

The college also gives conducts vocational training sessions to make the bed-ridden patients financially stable.

Teachers and staff members annually contribute an amount of forty thousand rupees to meet the expense of the palliative care. A particular amount is deducted from the salary of faculty members every month. Students also conduct fund raising drives every year.

5. Evidence of Success

- The college is recognized as one of the best SIPs in the neighborhood.
- There is a healthy relationship between the college and the community.
- Many of former volunteers are currently engaged in palliative activities in collaboration with palliative clinics in their respective localities.

6. Problems Encountered and Resources Required

The SIPC unit finds it difficult to manage the monetary aid to sustain and continue its voluntary activities.

7. Notes

This great initiative serves the greater purpose of making a student an ideal citizen who contributes to the society. It prepares him to use his knowledge for the sake of humanity.

It can also develop the interpersonal skills, leadership skills, and problem solving skills of all stake holders.

Best Practice- 3

1. Title of the Practice

PROMOTION OF INNOVATION AND ENTREPRENEURSHIP SKILLS

The college has set up an **Innovation and Entrepreneurship Development Cell** for the promotion of innovative thinking among students which will make the successful Entrepreneurs. The club has been functioning successfully in the campus since 2015. The IEDC Cell was the first of its kind in an Arts and Science college in Kerala.

2. Objectives of the Practice

- To organise Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes, and Skill Development Programmes in the institution.
- To guide and assist prospective entrepreneurs on various aspects.
- To arrange interaction with entrepreneurs and create a mentorship scheme for student entrepreneurs.

3. The Context

Since Sullamussalam Science College is situated in a village in a socially and educationally backward district, Malappuram, many of our students did not get adequate opportunities to develop their innovative skills. It was in this context, the college set up an IEDC cell to kindle the innovative spirit in the student community to make them employable and potential entrepreneurs.

IEDC has developed an institutional mechanism to create entrepreneurial culture in academic institutions. The mission of the IEDCs is to "develop institutional mechanism to create entrepreneurial culture in academic institutions to foster growth of innovation and entrepreneurship amongst the faculty and students".

Many research findings about have pointed out the lack of employability skills of gradates in India. There was a gulf between curriculum and the demands of the market. In this context, it became imperative to set up a cell which focused exclusively on promoting entrepreneurship skills along with developing their innovative ideas.

In the context of a village like Areekod where students may get no other platform to develop such skills, the college set up this cell to promote these skills among the students coming from rural marginalized sections.

4. The practice

An awareness programme about the importance of being an Entrepreneur rather than an employee is conducted at the beginning of the academic year.

The cell arranges interaction with entrepreneurs and creates a mentorship scheme for student entrepreneurs.

Organization of Idea Contests to promote critical thinking, and to create an ecosystem for innovative practices.

The cell helps students to participate in competitions and conferences in related areas organized by various eminent institutions like IITs.

The cell organises workshops and hands on training sessions on “Entrepreneurial opportunities”.

The cell regularly organizes industrial visits to give students an opportunity to experience the innovative ecosystem

The cell organizes Tech Talks- It is a 20 minute presentation by students on any of the advanced topics in Information technology

5. The Evidence of Success

- IEDC cell in the college is recognized as one of the best in an Arts and Science college in Kerala.
- Members of the IEDC cell are invited to conduct workshops on hands on training sessions in the neighboring institutions.
- The activities of the cell has created in the institution an atmosphere conducive for innovation.

6. Problems Encountered and Resources Required

The IEDC is facing it difficult to implement many new projects due to shortage of funds. Government aid and support from the institution are not enough to meet its expenses. Financial constraints make organizations of international events difficult.

The locality in which the college is situated is not an industrially developed area. Hence, students have to travel to distant cities for meeting industrialists and businessmen.

The college is looking for external aid to set up a state of the art innovation hub and Fab lab on the campus.

7. Notes

This intuitional platform for innovative thinking develops the innate potential of students. They are encouraged to come with technological solutions for the problems that their community faces.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Answer:

Healing and Building: Nurturing Civic Sense

The vision of education of the Sullamussalam Science College is to produce a generation of young scholars who are intellectually competent, morally upright, and socially committed. Educating the mind is great venture we have undertaken in the name truth. The institution strives to improve the status of rural marginalized through education, to mould the personality and develop the career of young generation and to help to develop a humane and a strong civic sense. The college aims to make an earnest effort in creating a youth force, genuinely committed to society, its people and the environment. The core values of college are academic excellence and integrity, outstanding teaching and service, scholarly research and professional leadership, integration of teaching, research, and service, individual and collective excellence, diversity, equity, and social justice, education of individuals across the life span, and collegiality and collaboration.

In this section, we highlight the performance of the institution in the area of promoting and developing a humane outlook and a strong civic sense. The Institution acknowledges its commitment to society through various initiatives like *Santhwanam*, *House a Year*, *Kaniv*, *Pain and Palliative forum* and our green project *Green Campus, Greener Earth*.

Santhwanam, a club to help the needy in the neighborhood of the college came into existence in the year 2008. Since the inception, the club has organized various programs on the campus to make the students aware of the importance of charity works. The objectives of the forum are to eradicate starvation and hunger from the neighborhood of the college, to provide medical assistance to the needy people of the neighborhood of the college, and to inculcate the values of love, mercy, willingness to work for the poor among the students through social services. All the degree students are members of the club. Two students are selected from each class as the representatives and they form the executive body of the club. The club Secretary collects the requirements of the needy people and prepares a list of requirements to purchase the food materials. The club in the last five years has spent rupees **135336 (One lakh, thirty five thousand, three hundred and thirty six rupees)** for uplifting the community in the neighborhood of the college.

Another unique venture taken up by the college is ***House a Year***. There are many poor homeless people in the neighborhood of the college. The institution as a whole decided to build as many homes as it can to realize its dream of house for all in Areekode. So far seven houses have been built by the institution with help from management, principal, teachers, students, and parents. The construction of the next house is in progress. Objectives of this scheme are to eradicate poverty from the neighborhood of the institution, to inculcate positive values in the students, to bring together the college and community, and to ensure all round development of the students. Students plaster the walls, build walls, do the slab work, and paint the house.

The students and teachers reach out to the patients through its **Palliative Care** unit. The palliative care unit in the college began its activities in collaboration with the palliative care clinic at Areekode in 2009. In 2011, an independent unit was set up. **Students Initiative in Palliative Care (SIPC)** Volunteers have undertaken projects like Home care, Fund raising, and creation of awareness among the students and general public about palliative care. Student volunteers from Sullamussalam Science College, Areekode visit the houses of bedridden patients every week so as to provide palliative care and to distribute medicine. They organize activities to uplift the bed-ridden patients by organizing cultural events. They also work closely with the 'Pariraksha' Project. They organize blood donation camps in the college. Students and teachers make regular contribution to this forum.

Kaniv (Student Aid Fund) is a platform to help the students who come from poor families. Books, study aids are given free of cost to the needy students. Financial assistance is given to help the needy to pay their course and examination fees. The objectives of *Kaniv* are to bring equity on the campus, to reduce rich-poor divide, and to inculcate the values of love, mercy, and care. Money is raised from students every week. Staff members also contribute to the fund. Principal, with the help of the staff members find out the needy and reach out to them. So far *Kaniv* has spent 365214 (Three lakh, sixty five thousand, two hundred and fourteen rupees only).

The college is also committed to planet earth. The college organizes many activities to create ***A Green Campus and a Greener Earth***. The college was initially set up in a barren, hilly, rocky region. It was converted to an oasis of green through many activities. The Ecoclub and NSS Units have taken up initiatives like building **Herbal Garden** which has a rich collection of medicinal plants, **Butterfly**

Garden which is created to attract and retain the butterflies at the campus, and **Plantation campagne** . They have planted trees in and around the college. The campus is free from plastic products.

To conclude the college organizes many programs which are related to its vision.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

Extended Profile

Program

Number of courses offered by the institution across all programs during the last five years

Answer: 634

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	14	14	12

Students*Number of students year-wise during the last five years***Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
1091	1121	1116	985	842

File Description	Document
Institutional Data in Prescribed Format	View Document

*Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years***Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
320	349	345	287	224

File Description	Document
Institutional data in prescribed format	View Document

*Number of outgoing / final year students year-wise during the last five years***Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
397	381	331	255	263

File Description	Document
Institutional Data in Prescribed Format	View Document

Teachers*Number of full time teachers year-wise during the last five years***Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
59	60	69	61	59

File Description	Document
Institutional Data in Prescribed Format	View Document

*Number of sanctioned posts year-wise during the last five years***Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
59	60	69	61	59

File Description	Document
Institutional data in prescribed format	View Document

Institution

Total number of classrooms and seminar halls

Answer: 32

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
38.06	23.11	32.61	52.96	51.05

Number of computers

Answer: 145

Conclusion

Additional Information :

Within this short span of time, our alumni have made their marks in key positions in administrative, academics, research, management, technology and service sectors in India and abroad.

The College has a healthy and vibrant academic ambience conducive to learning, research and extension with zero tolerance to unethical practices.

Last year, the College has entered into new vistas of extension activities through #SS United – a collective effort of students, staff and alumni - to help the people in distress during the Kerala Floods, and SMILE (Sullamussalam-Manthan Integrated Learning Exchange) Programme in remote villages of Rajasthan.

Our students excel regularly in national and international competitions such as UNESCO-CEMCA Radio Video Challenge and All India Nuclear Energy Essay Contest by Dept. of Atomic Energy.

The College has achieved almost all the objectives envisaged in the Strategic Plan prepared by IQAC incorporating the recommendations of the last NAAC Peer Team.

Concluding Remarks:

Sullamussalam Science College, Areekode, has successfully incorporated its values in all its endeavours. The college has been successful in meeting the demands of all the stakeholders including those of the job market. The significant percentage of students pursuing higher studies and research bears testimony to the institution's success in creating an atmosphere conducive to learning and research.

Keeping in mind the need for skill based education, we would be continuing our efforts to add more skill based programmes and starting value added/add-on courses in all the departments.

Creating linkages and collaborations with prominent national and international educational institutions and industry partners to promote knowledge sharing and skill based education will be another important concern. Academic Exchange Programmes will be made an integral part of teaching and learning process.

In an attempt to exploit the potentials of girl students, including alumni, our next focus will be on taking initiatives like 'Astra' to the next level by creating an exclusive job facility centre on the campus. A unique

idea to tap the other-wise unutilized skill sets and talents of majority of girls due to various social constraints, this will create an innovative ecosystem to empower women community by generating employment opportunities.

Apart from strengthening regular academic and research activities on the campus, promoting inter-disciplinary research activities in Mathematics and Computer Science departments will be another prime area of focus.

The process of preparing such an exhaustive and comprehensive report like SSR was a learning experience; an opportunity to introspect and discover ourselves. Our aim is to become a Centre of Academic Excellence which gives equal weightage to academic, research and extension activities.

EXCLUDED METRICES

List of Excluded Metrics

3 Research, Innovations and Extension : Weightage (120)

3.1 Resource Mobilization for Research : Weightage (10)

Ref No	Details of Metric	weightage	Metric Performance
3.1.3	Number of research projects per teacher funded, by government and non-government agencies, during the last five year (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value)	4	0.08

3.3 Research Publications and Awards : Weightage (20)

Ref No	Details of Metric	weightage	Metric Performance
3.3.1	The institution has a stated Code of Ethics to check malpractices and plagiarism in Research (Metric Type : Direct , Question Type : QN , Evaluation : By DVV , Nature : Y/N)	1	Yes
3.3.2	The institution provides incentives to teachers who receive state, national and international recognition/awards (Metric Type : Direct , Question Type : QN , Evaluation : By DVV , Nature : Y/N)	1	No
3.3.3	Number of Ph.D.s awarded per teacher during the last five years (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value)	4	0

3.5 Collaboration : Weightage (20)

Ref No	Details of Metric	weightage	Metric Performance
3.5.2	Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered) (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value)	10	2

4 Infrastructure and Learning Resources : Weightage (100)

4.2 Library as a Learning Resource : Weightage (20)

Ref No	Details of Metric	weightage	Metric Performance
4.2.5	Availability of remote access to e-resources of the library (Metric Type : Direct , Question Type : QN , Evaluation : By DVV , Nature : Y/N)	1	Yes

5 Student Support and Progression : Weightage (142)

5.3 Student Participation and Activities : Weightage (25)

Ref No	Details of Metric	weightage	Metric Performance
5.3.1	Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years. (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value)	15	0

6 Governance, Leadership and Management : Weightage (100)

6.3 Faculty Empowerment Strategies : Weightage (30)

Ref No	Details of Metric	weightage	Metric Performance
6.3.2	Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value)	6	0

6.4 Financial Management and Resource Mobilization : Weightage (20)

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Ref No	Details of Metric	weightage	Metric Performance
6.4.2	Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs) (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value)	8	0

ANNEXURE

1. Metrics Level Deviations

Metric ID Sub Questions and Answers before and after DVV Verification

Number of certificate/diploma program introduced during the last five years

1.1.2.1. Number of certificate/diploma programs introduced year-wise during the last five years

Answer before DVV Verification:

1.1.2

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	2	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	1

Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

Answer before DVV Verification:

1.1.3

2017-18	2016-17	2015-16	2014-15	2013-14
8	7	7	8	9

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	7	0	0	8

2.1.2 Average Enrollment percentage

(Average of last five years)

2.1.2.1. Number of students admitted year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
372	397	447	444	347

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
372	397	447	444	347

2.1.2.2. Number of sanctioned seats year-wise during the last five years

Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

Answer before DVV Verification:

2.4.4

2017-18	2016-17	2015-16	2014-15	2013-14
9	7	8	9	7

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	1	0

Average percentage of full time teachers from other States against sanctioned posts during the last five years

2.4.5.1. Number of full time teachers from other states year-wise during the last five years

Answer before DVV Verification:

2.4.5

2017-18	2016-17	2015-16	2014-15	2013-14
12	11	12	11	10

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
14	11	12	11	10

2.6.3 Average pass percentage of Students

2.6.3.1. Total number of final year students who passed the examination conducted by Institution.

Answer before DVV Verification : 272

Answer after DVV Verification: 273

2.6.3.2. Total number of final year students who appeared for the examination conducted by the institution

Answer before DVV Verification : 374

Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

3.4.2

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	1	1	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

3.4.3

2017-18	2016-17	2015-16	2014-15	2013-14
5	20	6	3	6

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	18	4	2	3

3.4.4

Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
459	1040	758	414	300

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
459	1040	728	414	300

Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

3.5.1.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer before DVV Verification:

3.5.1

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	4	4	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	4	3	1

Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

4.2.4

2017-18	2016-17	2015-16	2014-15	2013-14
1.172	0.087	0.264	0.445	2.76

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1.17	0.08	0.26	0.44	2.42

Remark : Revised as per certified supporting document

Percentage per day usage of library by teachers and students

4.2.6

4.2.6.1. Average number of teachers and students using library per day over last one year

Answer before DVV Verification : 154

Answer after DVV Verification: 0

Remark : Unauthorised excel without copy of log book or register not accepted

5.1.5

Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

5.1.5.1. Number of students attending VET year-wise during the last five years
Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
50	108	191	228	57

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	37	45	0

Remark : Revised as per corrected document uploaded

Average number of sports and cultural activities/ competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

5.3.3

2017-18	2016-17	2015-16	2014-15	2013-14
19	41	39	36	14

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
7	17	20	16	4

Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

7.1.1

2017-18	2016-17	2015-16	2014-15	2013-14
1	6	6	1	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	4	4	1	2

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift

3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Answer before DVV Verification : B. At least 6 of the above
 Answer After DVV Verification: C. At least 4 of the above

2.Extended Profile Deviations

ID Extended Questions

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
38.065	23.539	32.6111	62.968	51.059

1.2

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
38.06	23.11	32.61	52.96	51.05