



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SAHYADRI SCIENCE COLLEGE, SHIMOGA
Name of the head of the Institution	Prof. Shakunthala G. Prof. Chandramouli G. S. Prof. Shashirekha K. R.	
Designation	Principal	
Does the Institution function from own campus	Yes	
Phone no/Alternate Phone no.	08182240435	
Mobile no.	9448407129	
Registered Email	sahyadriscience@gmail.com	
Alternate Email	iqacssc21@gmail.com	
Address	B.H.ROAD, VIDYANAGARA,	
City/Town	SHIVAMOGGA	
State/UT	Karnataka	
Pincode	577203	

<b>2. Institutional Status</b>	
Affiliated / Constituent	Constituent
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	DR. H N RAMESHBABU
Phone no/Alternate Phone no.	08182240435
Mobile no.	9448407129
Registered Email	sahaydriscience@gmail.com
Alternate Email	iqacssc21@gmail.com

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.kussc.ac.in/AOAR.php">https://www.kussc.ac.in/AOAR.php</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://kussc.ac.in/academic_calendar.php">http://kussc.ac.in/academic_calendar.php</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	Three Star	65.70	2001	22-Mar-2001	21-Mar-2006
2	B++	80.40	2007	31-Mar-2007	30-Mar-2012
3	B	2.75	2014	05-May-2014	04-May-2019

<b>6. Date of Establishment of IQAC</b>	10-Nov-2003
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<b>7. Internal Quality Assurance System</b>
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Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Summer workshop and Alumni Meet	02-Jun-2017 10	150
Blood Donation Camp	04-Jan-2018 1	150
Seminar on Mobile communication, sensors and its applications	04-Apr-2017 1	70
International Yoga Day	21-Jun-2017 1	150
International Anti-Narcotics Day	29-Jun-2017 1	81
Seed Exhibition	31-Jan-2018 1	720
World Water Day	22-Mar-2017 1	110
Opening Ceremony of Pure Drinking Water	27-Mar-2018 1	35
Seed Ball Preparation	23-Feb-2018 1	82
<a href="#">View File</a>		

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Faculty	Major Project	DBT	2015 1825	5.24
Faculty	Major Project	VGST	2014 2555	10
Faculty	Major Project	UGC	2015 1095	2.15
<a href="#">View File</a>				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
Seed exhibition/seed day celebration for students and public	
A talk on anti-superstitious beliefs	
Seed ball preparation and dissemination	
Student Feedback on curriculum and on Teachers	
International Yoga day celebration	

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<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>
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Plan of Action	Achivements/Outcomes
Orientation Programme for freshers	Orientation Programme was conducted through virtual mode to educate freshers about the college facilities, units and functioning
Student admissions based on merit and roaster	The admission process was carried out as per merit-roaster seat matrix
Prathibha Puraskara programme	Prathibha Puraskara programme Recognitlion and honouring of meritoriuos students by college teaching, nonteaching and retired teachers and alumni of the college.
Platinum Jubilee celebration	In commemmoration of the 75th year of the college establishment, a platinum Jubilee celebration was organized in which a variety of events were arranged.
Seed ball preparation and dissemination	About 1500 seed balls of various seed varieties were prpeared in the campus with the assistance of NCC and NSS students. They were shade dried and the students have disseminated the seed balls to the barren lands and nearby forest area of the campus during the rainy season

Special Lectures/Seminars by various departments	Special Lectures/seminars were organized				
Continous assessment of the students	Students were assessed continously by providing Internal Assessment tests as per schedule.				
Eigth Annual Graduation day programme	Eigth Annual Graduation day programme was organized				
<a href="#">View File</a>					
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">IQAC advisory Board</td> <td style="text-align: center;">17-Feb-2022</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	IQAC advisory Board	17-Feb-2022
Name of Statutory Body	Meeting Date				
IQAC advisory Board	17-Feb-2022				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2018				
Date of Submission	01-Mar-2018				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	<p>Our college has the following Management Information System to assist and speed up the academic and administrative activities. Website: the college has an official website <a href="http://www.sahyadrisciencecollege.org">www.sahyadrisciencecollege.org</a> which presents a comprehensive overview of the college: various programmes, teaching and nonteaching staff details, student facilities, details on cocurricular and extracurricular activities, quality initiative details, notices, photogallery etc. Dedicated tabs on admission and examination are provided. Specific links to examination software Logisys is provided, through which the entire examination process (internal and term end) is managed. email: The college has its own email <a href="mailto:Sahyadriscience@gmail.com">Sahyadriscience@gmail.com</a> for quick dissemination of information and official correspondence. Other</p>				

electronic means such as WhatsApp are used by college fraternity for quick exchange of information among themselves and with students via respective WhatsApp groups. The partially automated office, examination and library service are other components of MIS that have a positive impact on the overall functioning of the college.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Being a constituent college of Kuvempu university, the college follows the curriculum prescribed by the University. However, each Department works out details for effectively implementing the curricula. • Time table committee prepares the time table for all the departments taking into view the infrastructure and laboratory needs. College communicates the approved timetable to the students. Apart from this departmental time table is also prepared. • Each department convenes a meeting to decide on the breakup of the syllabus. The syllabus is divided and allotted to each teacher based on the competency, interest, specialization and expertise. • At the beginning of each semester, a staff meeting chaired by the Principal is held to draft out the semester schedule/Academic calendar. Various co curricular and extracurricular activities to be conducted during the course of the semester with tentative dates are decided for the year. • The smooth conduct of the programmes scheduled by each department is ensured by the IQAC. • The college organizes orientation programme to fresher's, to welcome the students and introduce them to the college culture, examinations, syllabus, attendance monitoring are introduced. Students get the opportunity of interact with the Librarian, Sports director, Coordinators of various cells like anti-ragging, grievance redressal, women-empowerment and units such as NCC, NSS, Rangers & Rovers and Pathways. Also, College introduces the academic calendar and instructs students to be punctual. • Teachers make lesson plans so that adequate time is allotted to cover the details in the syllabus. • Class teachers and mentors are nominated for the academic year to identify and manage student related issues for e.g., Identifying the slow learners to provide the needed assistance. • Meetings at regular intervals are held to review the progress of action plan both by the respective Departments and the Principal. • Innovative teaching methods are incorporated wherever possible. • Extra classes are conducted when the syllabus is not completed on schedule. • Students are guided to use on- line sites to get relevant information. • A Complaint Box is kept outside the Principal's office and the box is opened periodically by the principal to ensure to solve the students grievances. • Current affairs, statistics, human interest, stories, news paper and magazine clippings, presentations, assignments, seminars, field trips and even class tests help in the effective implementation of the curriculum.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
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Nil

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**1.2 – Academic Flexibility**

## 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
No file uploaded.		

## 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	0	Nil

## 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

**1.3 – Curriculum Enrichment**

## 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
00	Nil	0
No file uploaded.		

## 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Comp.Science	37
BSc	Electronics	41
BSc	Environmental Science	12
BSc	Geology	18
BSc	Physics	108
BSc	Zoology	8
BCA	Comp.Science	10
MSc	Chemistry	6
Integrated(PG)	Chemistry	13
MSc	Industrial Chemistry	19
<a href="#">View File</a>		

**1.4 – Feedback System**

## 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

Feedback form/formats are designed for the stakeholders. This includes faculty feedback, alumina feedback, student feedback, course exit survey, etc. Faculty feedback from the students for the respective course is taken once in a year on various teaching/learning aspects and it is analysed by the HODs and corrective measures if any, are informed to the respective faculties for further improvements. Course exit feedback and program exit feedbacks are taken to analyse the understanding capability of the students. The feedback so obtained is analysed for further improvement. Feedbacks from the parents are taken by interacting with them during Parent - Teacher Meet. Feedback is taken from alumni for suggestions or improvements in the curriculum. Feedback from the final year students are taken for their suggestions in improving the curriculum and infrastructural facilities. Further, it is conveyed to the Chairman, BOS of the respective programmes of University. Feedback from faculties are also taken for their suggestions in syllabus revision. We have also installed a suggestion box which is accessible to all the stake holders so that they can give their feedback/ suggestions for improvements, if any. Our expert team conducts the exercise of student feedback every year. The feedback which includes parameters like Subject knowledge, Expression, Teaching aids used, methodology etc. which is analysed by our expert team for taking appropriate decisions for improving the infrastructure and also quality of teachers. The alumni feedback and exit feedbacks are taken from all students. From these forms we are able to make out whether the proper teaching learning process is in place. Also, this process enables the institute to improve in the areas where ever necessary. Every year junior faculties evaluation is processed by senior faculties, subject experts and inform to the faculties for enhancing their skills. The feedback is key tool which triggers in continuous improvement in the quality of education. The feedback is taken from students in order to analyse and implement as per their needs. Also, feedback is taken from experts and external examiners on quality of our students. Based on the faculty feedback the probationers and regular faculty are counselled for the lacunae and suggestions received, we take corrective actions to complete the loop.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	PCM, CBZ, PMCs, PME,	1762	3622	1762
BCA	BCA	208	416	208
Integrated(UG)	CHEMISTRY	20	46	20
Integrated(PG)	CHEMISTRY	56	113	56
BBA	BBA/MTA	46	78	46
MSc	CHEMISTRY	70	86	70
MSc	INDUSTRIAL CHEMISTRY	55	132	55
MSc	BIOTECHNOLOGY	54	111	54



[View File](#)

## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	2092	179	112	14	3

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
103	45	10	8	2	15

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In our institution, mentoring system has been introduced for establishing a better and effective relationship between student and teacher and also continuously monitor, council and guide students in educational and personal matter. All teachers work as mentors for students allotted to them. The students must feel to confide in their mentors. This is a continuous process till the end of academic career of student. The aim of student mentorship is 1. To enhance teacher –student relationship. 2. To enhance student's academic performance and attendance. 3. To minimize student's dropout ratio. 4. To monitor the student's regularity and discipline. 5. To enable the parents to know about the performance of regularity of wards. The IQAC had taken the initiative of implementing the mentoring of students. Students are based on the streams of studies and also according to their core subjects. They are divided into groups of 20-25 students. Mentors maintain and update the mentoring format after collecting all necessary information. Mentors are expected to offer guidance and counselling as and when they required. It is the practice of mentors to meet students individually or in groups. In isolated cases parents are called for counselling and their special meeting with the principal at the suggestion of the mentor. If a student is identified as having weakness in particular subject, it is the duty of mentor to apprise the concerned subject teacher. At least 3 to 4 meetings are arranged by mentors for their mentee in each semester. This system has been useful in identifying slow and advanced learner through a careful examination of each mentors report. HOD will meet all mentors of his/her department at least once in a month to review proper implementation of system. Advice mentors wherever necessary. Type of mentoring done in our institution are- 1. Professional Guidance – Regarding professional goals, selection of career and higher education. 2. Career Advancements – Regarding self-employment, entrepreneurship development, opportunities, morale, honesty, integrity required for career growth. 3. Coursework Specific – Regarding attendance and performance in present semester and overall performance in the previous semester. 4. Lab Specific – Regarding Do's and Dont's in the lab. Outcomes of the system a) The attendance percentage of the students has increase to greater extend. b) The number of detainment of students has decreased consistently. c) Due to direct communication between mentor and the student, there was good improvement in student-teacher relationship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2271	129	1:18

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
140	129	11	76	35

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	Nil	Nil	Nil
No file uploaded.			

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	BSC	VI	08/05/2018	24/05/2018
BCA	BCA	VI	05/05/2018	24/05/2018
BBA	BBA	VI	08/05/2018	24/05/2018
Integrated(PG)	MSCH	IV	21/05/2018	30/05/2018
Integrated(UG)	BSCH	VI	08/05/2018	24/05/2018
MSc	CHEMISTRY	IV	12/06/2018	16/07/2018
MSc	INDUSTRIAL CHEMISTRY	IV	12/06/2018	16/07/2018
MSc	BIOTECHNOLOGY	IV	12/06/2018	16/07/2018
<a href="#">View File</a>				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Yes. The Institution adheres to the academic calendar including for conducting the continuous evaluation of the students by providing internal assessment tests, projects, assignments and seminars. The college has framed significant reforms in Continuous Internal Evaluation System to improve the academic performance of students. Students are made aware of the evaluation process during the orientation programmes conducted prior to the commencement of their course. Academic Calendar with tentative CIA. Exam dates will be given to the students at the beginning of every academic year. Each department announces the syllabus for IA tests well-before and also informs about the question paper pattern. After every examination, the answer scripts are valued and the corrections are personally explained to each student. All the departments maintain Progress Reports of the students after the internal exam and valuation. The parents will also be made aware of the performance of their wards whenever necessary. The class Mentor shall recommend the visit of the parent to the college for a discussion about the attendance and academic progress of the students. Absentees and the students who participate in Sports, NSS activities and Placement Interviews during the test dates are provided with

third internal assessment test. External examinations of three hours duration will be conducted at the end of every semester for all the theory papers and practical papers. Centralized evaluation is undertaken and results are declared. The subject-wise performance of the students is analysed by the Principal and the necessary feedback is given to the concerned department faculty members in review meetings. Students should satisfy the eligibility criteria of 75 percent attendance in each semester to appear for University Examination.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Yes. The Institution adheres to the academic calendar including for conducting the continuous evaluation of the students by providing internal assessment tests, projects, assignments and seminars. The college has framed significant reforms in Continuous Internal Evaluation System to improve the academic performance of students. Students are made aware of the evaluation process during the orientation programmes conducted prior to the commencement of their course. Academic Calendar with tentative CIA. Exam dates will be given to the students at the beginning of every academic year. Each department announces the syllabus for IA tests well-before and also informs about the question paper pattern. After every examination, the answer scripts are valued and the corrections are personally explained to each student. All the departments maintain Progress Reports of the students after the internal exam and valuation. The parents will also be made aware of the performance of their wards whenever necessary. The class Mentor shall recommend the visit of the parent to the college for a discussion about the attendance and academic progress of the students. Absentees and the students who participate in Sports, NSS activities and Placement Interviews during the test dates are provided with third internal assessment test. External examinations of three hours duration will be conducted at the end of every semester for all the theory papers and practical papers. Centralized evaluation is undertaken and results are declared. The subject-wise performance of the students is analysed by the Principal and the necessary feedback is given to the concerned department faculty members in review meetings. Students should satisfy the eligibility criteria of 75 percent attendance in each semester to appear for University Examination.

## 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 in website of the institution (to provide the weblink)

<http://www.kussc.ac.in/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BSc	BSc	PCM, CBZ, CBBt, CZBt, PMCs, EMCs,	416	396	84.43
BCA	BCA	BCA	73	71	97.26
IMC	Integrated (UG)	CHEMISTRY	11	4	36.36
IMC	Integrated	CHEMISTRY	12	12	100

	(PG)				
BTTM	BBA	BBA(T and T)	19	17	89.47
MSc	MSc	GENERAL CHEMISTRY	37	31	83.78
MSc	MSc	INDUSTRIAL CHEMISTRY	31	29	93.5
MSc	MSc	BIOTECHNOLOGY	16	16	100
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.kussc.ac.in/index.php>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	UGC	12.58	2.15
Major Projects	1825	VGST	30	10
Major Projects	1825	DBT	25	5.24
<a href="#">View File</a>				

### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
<b>No Data Entered/Not Applicable !!!</b>		

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nil	Nil
No file uploaded.				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
00	00	00	00	00	Nil
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### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Biotechnology	2
Botany	2
Chemistry	1
Microbiology	2

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Biochemistry	1	2
International	Biotechnology	10	6
International	Botany	24	2
International	Chemistry	21	5
International	Microbiology	1	2
International	Environmental Science	1	2
International	Zoology	4	2

[View File](#)

### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mathematics	1
Kannada	14
Computer Science	1
Biotechnology	1

[View File](#)

### 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
The Novel 4-Phenyl-2-Phenoxyacetamide Thiadiazoles modulates the tumor hypoxia leading to	Mohammed YHE, Malojirao VH, Thirusangu P, Al-Ghorbani M, Prabhakar BT, Khanum SA	European Journal of Medicinal Chemistry	2018	16	Sahyadri Science College	13

the crackdown of neoangiogenesis and evoking the cell death						
The anti-invasive role of novel synthesized pyridazine hydrazide appended phenoxy acetic acid against neoplastic development targeting matrix metallo proteases	Eissa Mohammed YH, Thirusangu P, Zabiulla, V V, B T Prabhakar, Khanum SA	Biomedicine and Pharmacotherapy	2017	14	Sahyadri Science College	11
Synthesis of novel morpholine conjugated benzophenone analogues and evaluation of antagonistic role against neoplastic development	Al-Ghorbani M, Thirusangu P, Gurupadaswamy HD, Vigneshwaran V, Mohammed YH, Prabhakar BT, Khanum SA	Bioorganic Chemistry	2017	8	Sahyadri Science College	7
Design and synthesis of conjugated azo-hydrazone analogues using nano BF <sub>3</sub> ·SiO <sub>2</sub> targeting ROS homeostasis in oncogenic	Zabiulla, Vigneshwaran V, Bushra AB, Pavankumar GS, Prabhakar BT, Khanum SA.	Biomedicine and Pharmacotherapy	2017	4	Sahyadri Science College	3

and vascular p rogression					
<a href="#">View File</a>					

### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
00	00	00	Nil	0	0	00
No file uploaded.						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	34	8	4
<a href="#">View File</a>				

## 3.4 – Extension Activities

### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Special talk on miracle-faith	Red Cross, Sahyadri science college	40	980
District level NSS camp	NSS, Kuvempu University	8	130
Village Camp	NSS, Sahyadri science college	4	100
Blood Donation	NCC, NSS, Red Cross, Rangers Rovers	4	96
Yoga Day	NCC, Sahyadri science college	6	200
<a href="#">View File</a>			

### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
00	00	00	0
No file uploaded.			

### 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
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Red Cross	Red Cross, Sahyadri science college	Special talk on miracle-faith	40	980
NSS	NSS, Kuvempu University	District level NSS camp	8	130
NSS	NSS, Sahyadri science college	Village Camp	4	100
Red Cross	NCC, NSS, Red Cross, Rangers Rovers	Blood Donation	4	96
Yoga day celebration	NCC, Sahyadri science college	Yoga Day	6	200
<a href="#">View File</a>				

### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
00	00	00	00
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Project Work	Impact of microbial inoculants on growth and yield of sorghum	Organic farming research centre, UAHS, Shimoga	05/06/2017	15/08/2017	Syed Misbah Fathima
<a href="#">View File</a>					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
00	Nil	00	0
No file uploaded.			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
7	6.55



#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Existing
Class rooms	Existing
Seminar halls with ICT facilities	Existing
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

#### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
e-Lib Library software	Partially	16.2	2012

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2046	2555795	775	480177	2821	3035972
Journals	50	68439	0	180107	50	248546
<a href="#">View File</a>						

#### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
00	00	00	Null
No file uploaded.			

### 4.3 – IT Infrastructure

#### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	100	35	20	15	5	10	25	30	0
Added	0	0	0	0	0	0	0	0	0
Total	100	35	20	15	5	10	25	30	0

#### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

30 MBPS/ GBPS
---------------

#### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
00	<a href="#">00</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
102.92	102.25	24.1	21.1

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The College has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities. Classroom management: Classroom being the most primary and important work space, it is managed with proper systems and procedures as recommended by the college administration and parent University. It is followed keeping in mind the modern teaching learning environment. The classrooms are equipped with Green board, a podium and adequate number of benches. Cleaning and maintenance are done on a regular basis. Reporting system about repairs and replacements are in place for proper classroom management. Laboratory As the College with twelve science departments, the Laboratory policy forms the core in the working of the institution. The Laboratories have several instruments and equipment, the purchase and maintenance of the same is managed through the university laboratory grants and other developmental grants as and when sanctioned. General Instructions to students regarding the safe and secure usage while in the laboratory are given at the beginning of a semester. Library: For overall smooth functioning of the library, it is divided into following main sections and each section has its unique identity and with defined standard procedures the library works effectively and serves its patrons for information requirements. 1. Acquisition/ Processing Section 2. Circulation Section 3. Books Section 4. Reference Section 5. Journal Section. 6. Newspaper and Magazine section. 7. Internet browsing section. The library of the college undertakes purchases based on the recommendations submitted by individual departments, and it makes such purchases using the university grants allotted for such purpose. Withdrawal of books and other reading material which is not useful for current references is done on a regular basis. Sports: College Sports committee looks after maintaining the sports ground and sports equipment. Committee organizes various indoor and outdoor sports competitions for students at intra and inter collegiate level. For holistic development, students are encouraged to participate in the competitions. The celebration of the International Yoga Day has become a regular affair and many students and staff participate in the same. The IQAC defines policies related to workshops/seminars/conferences for students and staff across faculties. Computers and other tools- Maintenance of computers (Hardware and Software), updating software related to admission, examination and overall maintenance of campus infrastructure is done by the Principal with the assistance of respective department/unit in charges. Maintenance contracts for computers, copier machines, software, CCTV, Fire extinguisher, garden, security are in place. Policy is developed to maintain a balanced student and computer ratio, so that all students will be benefited for academic purposes. Others: An external housekeeping service looks after cleanliness on the campus. Website is maintained and updated with the help of university appointed professionals. Safety of girls is specially supervised and appropriate measures are taken to make the campus safe for students.

<http://www.kussc.ac.in/>

**CRITERION V – STUDENT SUPPORT AND PROGRESSION****5.1 – Student Support**

## 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	00	0	0
Financial Support from Other Sources			
a) National	1.Vidyasiri 2.SC/ST Refund3.Purasabe 4. Jindal	1164	5755889
b)International	0	0	0
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## 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft Skill Development	20/09/2017	57	Dept. of Linguistics
Soft skill development	20/10/2017	54	SAAC Shimoga
Soft skill development	22/12/2017	64	Freelance, Bangalore
Yoga	22/07/2017	53	Yoga centre, Bangalore
Language	09/08/2017	100	SSC Shivamogga
Language	12/10/2017	112	SSC Shivamogga
Language	31/01/2018	72	SSC Shivamogga
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## 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	Guidance for Competitive Examinations and Career Counselling	123	64	8	3
2018	Guidance for Competitive	62	15	2	1

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	4

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
00	0	0	1. Xchanging 2. IHS Markit, Bangalore, 3. DC office, Chitradurga 4. Sister Concern of Chaitanya Geo Lynx 5. Civil Police at Bangalore 6. Aranis BSP PVT LTD 7. Medicare Ltd Bangalore 8. Govt. FGC Gokak	43	16

[View File](#)

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	10	SSC Shivamogga	Biological Science	Kuvempu University	M Sc Botany
2018	13	SSC Shivamogga	Biological Science	Kuvempu University	MSc Zoology
2018	6	SSC Shivamogga	Biological Science	Kuvempu University	MSc Microbiology
2018	12	SSC Shivamogga	Physical Science	Kuvempu University	M.Sc Applied Geology

2018	2	SSC Shivamogga	Physics	Srm Institute of Science And Management	Ph D
2018	15	SSC Shivamogga	Life Science	Kuvempu University	MSc(Biotec hnology)
2018	5	SSC Shivamogga	Computer Science	Kuvempu University	MSC Computer Science
2018	1	SSC Shivamogga	BCA	Kuvempu University	MCA
2018	8	SSC Shivamogga	Physical Science	Kuvempu University	M Sc Mathematics
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
SLET	10
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
SKIT	UNIVERSITY	78
CARROM	COLLEGE	60
CHESS	COLLEGE	22
SHUTTLE BADMITON	COLLEGE	60
ESSAY COMPETITION	UNIVERSITY	150
Pick and Speech	Intra College	45
Debate	Intra College	63
VIJANA PARISHTH INAUGURATION	COLLEGE	632
VIJANA PARISHTH VALEDICTORY	COLLEGE	728
MIMICRY	COLLEGE	35
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### 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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	SECOND PRIZE	National	0	1	00	Jeevitha T A
2018	SECOND	National	0	4	00	RUCHITH

	PRIZE					KUMAR
2018	THIRD PRIZE	National	0	1	00	CHETAN T C
2018	THIRD PRIZE	National	0	1	00	KUSUMA H P

[View File](#)

**5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)**

The various Student Committees comprise of representatives from all groups of students and are led by senior faculty of the Institute. The main purpose of these Committees is to ensure harmony across an ample, vibrant, and continuous range of campus events and activities in the course of an academic year. Working on these committees instills leadership and management skills among students. The prominent committees involving students are as follows. 1. Class Representatives Committee - All representatives of different classes constitute a committee known as class representative committee. This committee involves to review the academic activities, progress and improvement plans of all subjects of all semesters. The committee consists of HOD, Class Mentor and the representatives. The committee will discuss the academic related issues including conduction of classes and students grievances etc.. 2. Magazine Committee - Students representatives who are nominated in the editorial board help to collect articles, poems, drawings etc from talented students. They compose, edit and take initiative in printing the magazine called as Jnanatunga. Student editors also involve in preparing the conference proceedings (National Conference/International), souvenir of student conventions conducted in the Departments. 3. Cultural Committee - The institution conducts annual Inter college cultural competitions known as SANIHA. Also an intra college Ethnic day called as Traditional day. This cultural committee monitor all the cultural events happening in the college followed by organising cultural events in the college under the supervision of faculty members. 4. NCC Committee - Students contribution to the society is significant and our college students always show their concern in this regard. There is a NCC unit in the institution and volunteers of this committee will organize programs like National festivals, NCC camps, Swatchtha Andholana, Blood donation camps etc. 5. NSS Committee- NSS committee seeks to integrate social responsibility with personality development. These committees are active in organizing several extension activities like Tree Plantations, Blood Donation camps, Swachcha Bharat campaign etc. 6. Sports Committee - Every year college organises several events with special reference to sports meet. Student volunteers will help physical Education Director in organizing the events. 7. Anti ragging Committee - Student representatives will play a major role in informing ragging cases, helping to create harmony and to curb ragging. 8. Anti sexual harassment Committee - Girl students and Lady Faculty Members will be the members of this Committee. The student members of the committee will report about any harassment issues to the concerned Committee coordinator for further action. 9. Grievances and Redressal Committee - Any type of Grievances regarding common facilities or academic related issues will be brought to the notice of the concerned by the student members of this Committee. Regular interactions are scheduled through meetings. If any grievances are reported, then faculty member who is the Coordinator of this committee will bring it to the notice of higher authorities. Further, the matter will be resolved soon through follow ups.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

800

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

03

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Faculty members are given representation in various committees/cells nominated by the Principal and Teachers council, in the Governing body, in the IQAC and other committees. Every year, the composition of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. Following are the different sub-committees which have been nominated by Principal and Teachers' Council : 1. IQAC 2. NAAC 3. Sahyadri Vijnana Parishat 4. Discipline committee 5. RUSA committee 6. Examination committee 7. IA committee 8. Sexual harassment committee 9. NCC committee 10. NSS committee 11. Rangers and Rovers committee 12. Redcross committee 13. Student grievances and Redressal committee 14. Sports committee 15. College prospectus committee 16. College magazine committee 17. Admission committee 18. Cultural committee 19. Women empowerment cell 20. SC-ST cell 21. Student feedback committee 22. Teachers evaluation committee 23. Pathways committee 24. Prathibha Puraskara committee 25. Graduation day committee 26. Student alumni committee 27. Teachers association list 28. Academic council members list 29. Governing body members list 30. Finance committee 31. Research committee 32. Website committee 33. Garden maintenance committee 34. Class teachers / mentors list 35. Time table committee 36. Exam invigilator allotment committee 37. Exam squad members list 38. IMF committee 39. Student counselling committee 40. Career and placement cell 41. Remedial coaching cell 42. NET/SLET coaching cell 43. Student orientation committee 44. Student uniform committee 45. Canteen committee 46. Library committee 47. Boys hostel committee 48. Ladies hostel committee 49. Anti raging committee

Response: Vision Sahyadri Science College (Autonomous) shall strive to become a centre of excellence in teaching and promoting Research in basic and Applied Sciences to provide high quality value based Under-graduate and Post Graduate education to meet the regional and global challenges Mission Sahyadri Science College (Autonomous) is committed to:

- Foster Creativity in Teaching, Learning and Research of Basic and Applied Sciences to build A Knowledge base and promote quality initiatives
- To make Science education attractive and accessible
- Develop scientific knowledge to meet the societal needs

Both the vision and the mission statement reflect the quality of education imparted in this College. The College has grown from strength to strength in the past six years. It has been striving to encourage creativity in learning and research of basic and applied sciences. Sahyadri College is one of the oldest institutes in the heart of the Malnad region as a part of Sahyadri Ranges of Southern India. Our RastraKavi Kuvempu, who was the Vice-Chancellor of the University of Mysore and hails from this region, named the college Sahyadri in the year 1962. The Mission Statement reflects the basic characteristics of the College. The mission of the College

is to make science education attractive and accessible and develop scientific knowledge to meet the societal needs through encouragement to creativity in teaching, learning and research in applied sciences. In the present era of education, students are more inclined towards technical education and hence the need to promote basic/ applied sciences is the increasingly

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	<p>Visiting research centers, laboratories of other institutes and having interaction with scientists and subject experts. Visiting agri-farm, botanical garden, industries, mines and herbal centers under study tour programme. Each department has its own extension activities like giving awareness programmes to the students.</p>
Teaching and Learning	<p>It Is a combined process where a teacher assesses understanding needs, establishes particular learning objectives, formulates teaching and memorizing strategies, enforces a plan of work and assesses the outcomes of the instruction. The faculty members identify the advanced learners. Promising students are encouraged to participate in a wide range of academic events, organized by the College and other institutions. The details on the academic performance of the students is collected through attendance and class tests are analyzed. Students Remedial System is followed for giving special coaching to slow learners.</p> <p>Intercollegiate competitions and seminars are arranged for the students to make them understand the recent trends in their field of study.</p> <p>Teachers attend Orientation and refresher course for enriching their capabilities. Awareness programmes are conducted by various departments and cells.</p>
Examination and Evaluation	<p>The internal test carries 20 marks for all the subjects. Internal marks for practical are 40. Two internal tests are conducted. Internal tests are centralized. Assignments, seminars, projects and practicals are conducted. Internal tests facilitate continuous assessment of the student's progress. Other class tests such as re-test and</p>



unit test are also conducted. For practical assessments, the student is assessed by considering the attendance, observation report, record note books. New intimation from the university regarding revaluation of papers, introduction of new question patterns are informed to the students through circulars.

Research and Development

Students are encouraged to develop a research interest at the under graduate and post graduate level. Regarding this Students Innovative Research Programme (SIRP) is initiated. Regular meetings of Research committee are organized for promoting Research climate in the Institution. Teachers are actively participates in Research Workshops, Training programmes and Motivating teachers for Paper presentations and participations in National/International, State level Conferences and Seminars. Books are published by the teachers with ISBN nos. Papers are presented and published by the teachers in Peer Review Journals, Non Peer Review Journals and conference proceedings both at International, National and State level Seminars and Conferences. Library Resources are provided to Research Scholars, Students and Ex-students opting for research work. Maximum permanent teachers are Guiding Ph.D students also Teachers are working many Major and Minor Research Projects.

Library, ICT and Physical Infrastructure / Instrumentation

There is Library Advisory Committee which looks after overall development of Library and its other resources. There is collection of Text books, Reference Books, E-books. E-journals are taken from INFLIBNET. Library Resources are provided to the students, teacher, Ex-students and Research scholars opting for Ph.D. work and other competitive examinations. The institution has purchased computers, Printers, Projector, TFT's and CCTV Cameras. ICT based library resources and LAN facility are provided through INFLIBNET, Computers with internet access. A compact gymnasium with treadmill, gym cycle, gym ball etc which enable the students to have a thorough work out. A modern language laboratory and computer lab is established. Yoga training is provided

as a regular activity to the interested staff members and students for enriching their physical, mental and social health.

Human Resource Management

Human Resource Management is the strategic approach to the effective and efficient management of teachers in our institute. At the end of every academic year, the HRMS checks the vacancies and appoints staff. Recreation programmes were also organized for teaching, Non-teaching and supportive staff. Every department and IQAC conducts seminars/training programmes/conferences by inviting eminent persons from different places. Also administrative staff are highly motivated to attend seminars/ workshops to ensure holistic development of the college and staff body.

Admission of Students

The Admission committee along with administrative staff review the admission process every year. As soon as the higher secondary results are published institution gives advertisement for admission in the local paper. Faculty members of each department assist in guiding the candidates and their parents during the admission. The College website and prospectus also gives details of eligibility norms for admission. It is given to the applicants along with the application form. After receiving the applications, students are admitted following merit and Government reservation policy.

Curriculum Development

The Institution develops action plans for effective implementation of the curriculum. The teachers are allocated subjects based on their specialization and experience. Heads of the Department keep track of the progress by holding department level meetings periodically. University rules and regulations are strictly followed. The efficient functioning of the remedial coaching system encourages the students to perform well in their studies. Every teacher constantly participating in various bodies of the Institution. Additionally, an iterative curriculum development process gives educators a structure to make improvement to the course after evaluating student performance and receiving end of semester feedback.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	Integrated College Management System
Examination	Logisys #2549, Anugraha, 17th Main, 28th Cross, Banashankari, 2nd Stage, Bangalore-560070
Planning and Development	All meeting minutes of planning and monitoring board, Directors and Deans meeting, Academic Council, Board of Management and IQAC meeting are kept in digital form so that they are retrieved easily for effective monitoring. All the plans of building, approval details etc. are digitalized thereby planning for space is done in a systematic manner.
Administration	Details of students, faculty and staff all are under an integrated. More than 90 of paper correspondence has been eliminated. Entire library system is automated.
Finance and Accounts	Human Resource Management System

**6.3 – Faculty Empowerment Strategies**

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	NA	NA	NA	0
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	00	00	Nill	Nill	Nill	Nill
No file uploaded.						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher	1	02/02/2018	21/02/2018	19

Course				
Orientation Course	1	12/01/2018	08/02/2018	29
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
3	76	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
NPS, Medical Allowance, RO drinking water, Security in the campus, Sanitation facility, Hygienic canteen,	NPS, Medical Allowance, RO drinking water, Security in the campus, Sanitation facility, Hygienic canteen	Scholarships, TA/DA Facility for the participants of sports and Cultural activities, Medical, Redressal Mechanism, Orientation, Library, RO drinking water, Security in the campus, Sanitation facility, Hygienic canteen

**6.4 – Financial Management and Resource Mobilization**

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The accounts of the college are audited regularly. The college has its Internal Audit Wing in the Finance Department. Department heads prepare the budget proposal based on their requirements and submit the same to the Principal every year. Finance committee reviews the budget proposals and approves accordingly. The purchase will be made strictly according to the given budget proposal. If any expenditure not mentioned in the budget is needed, the concerned HOD has to address the issue and give justification so that, subsequently the same will be approved. Therefore, unnecessary purchases are avoided and the available funds are effectively utilized. It also conducts periodical audit of different Departments, units, hostels to watch the compliance of financial rules and effectiveness of expenditure incurred. Internal Audit Report is issued to the Head of the Departments with the approval of the Treasurer. External Audit of the college is conducted by the Auditor General of India through the office of the university. External audit consists of certifications of annual accounts of the college. Action is taken on the observations contained in the audit report and reported to the Director General of Audit (Central Expenditure).

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
00	0	00
No file uploaded.		

6.4.3 – Total corpus fund generated

00
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## 6.5 – Internal Quality Assurance System

### 6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	KUVEMPU UNIVERSITY	Yes	SAHYADRI SCIENCE COLLEGE
Administrative	Yes	KUVEMPU UNIVERSITY	Yes	SAHYADRI SCIENCE COLLEGE

### 6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Each department conducted Parent- Teacher- Student meetings after every semester. This helps to understand the problems faced by the students that hinder them in studying. 2. Departments hold regular meetings with Parents, to provide them feedback about the progress and shortfalls of their wards. 3. Prathibha puraskara and Scholarships are given by the Teacher which helps to generate a healthy competition among the students and inspire them to excel in studies. 4. Suggestions regarding academic and administrative reforms are heartily welcomed and implemented 5. Parents are always extent their supportive hands 6. Special attention given to slow learners by interacting with their parents.

### 6.5.3 – Development programmes for support staff (at least three)

To nurture and retain talent the college authority support the staff in following ways- 1. Refresher course and orientation course 2. Research orientated publication and seminar 3. Personality development programs 4. Soft Skills Development programme

### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Faculty are motivated and advised to submit Research Project Proposals to Funding Agencies and achieved more than 5 major and minor projects put together targets 2. Teachers are encouraged to engaged them selves in various research oriented activities. 3. College canteen renovated 4. Conducted Green audit 5. Various seminars and workshops were organized for boosting the academic outlook of faculty and students in various aspects

### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	World Water Day celebration	22/03/2018	22/03/2018	22/03/2018	150
2018	A talk on Anti superstitious belief by Hulikal	20/02/2018	20/02/2018	20/02/2018	1000

	Nataraj				
2018	Blood Donation Camp	04/01/2018	04/01/2018	04/01/2018	150
2017	International Yoga Day	21/06/2017	21/06/2017	21/06/2017	150
2017	International Anti-Narcotic day	29/06/2017	29/06/2017	29/06/2017	81
2018	Seed Exhibition	31/01/2018	31/01/2018	31/01/2018	720
2018	Opening ceremony of Pure Drinking Water	27/03/2018	27/03/2018	27/03/2018	35
2018	Seed Ball Preparation	23/02/2018	23/02/2018	23/02/2018	82
2018	Seminar on Mobile communications, Sensors and its Applications	04/04/2017	04/04/2017	04/04/2017	70
<a href="#">View File</a>					

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Women's Day	08/03/2018	08/03/2018	259	50
Anticorruption and Humanity	21/03/2018	21/03/2018	298	79
Safety and Effectiveness of Ayurvedic Medicine	17/09/2017	17/09/2017	214	64

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0

Rest Rooms	Yes	0
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#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	Nil	1	01/08/2017	1	Swachhata Pakkada	cleanness and hygiene	168
2017	Nil	25	18/01/2017	7	NSS village Camp	Cleanness and hygiene, Health awareness programmes, Health check ups, construction of road bunds and water recharge pits, plantation, etc	100
2018	Nil	1	26/01/2018	01	Republic day	Importance of Republic day celebration with present day context	200
2017	Nil	1	15/08/2017	01	Independence day celebration	Remember martyres and awakening patriotism	200

[View File](#)

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of ethics and conduct for the support	19/06/2017	1. Make efforts to enhance administrative

<p>staff</p>		<p>efficiency. 2. Remain familiar with and adhere to college policies relevant to his responsibilities. 3. Take necessary and appropriate action to ensure constituents' safety and wellbeing in and around the college community. 4. Provide students, faculty, other staff, and administration with the tools and assistance they require to perform effectively. 5. Act promptly to remedy deficiencies, such as equipment failures, or classroom problems. 6. Prepare all reports, vouchers, bills, invoices, records, and other important documents accurately and honestly. 7. Safeguard any confidential information.</p>
<p>Code of ethics and Conduct for the Students</p>	<p>19/06/2017</p>	<p>1. He/she shall be regular and must complete his/her studies in the College. 2. All students must uphold academic respect to all persons and their rights and property and safety of others etc. 3. He/she must carry the identity card, issued by the college. 4. he/she should not Park a vehicle in a no parking zone 5. He/she is forbidden for Smoking on the campus of the college. 6. He/she should not indulge in any act of discrimination (physical or verbal conduct) based on an individual's gender, caste, race, religion or religious beliefs, colour, region, language, disability, marital or family status, physical or mental disability, gender identity, etc. 7. He/she should not misbehave at the time of student body</p>



		<p>elections or during any activity of the college.</p> <p>8. He/she should not indulge in any disruptive activity in a class room or in an event sponsored by the college.</p> <p>9. Cheating and Copying during examinations are forbidden.</p> <p>10. All the students are informed that Ragging is a crime. So They should not involve in any act of ragging such as use of spoken /written word or any act which has the effect of teasing, treating or handling with rudeness any student.</p> <p>11. All the students are informed that they should not involve in act of sexual harassment which encompasses a range of conduct, including sexual assault, unwanted touching or persistent unwelcome comments, emails, or pictures of an insulting or degrading sexual nature etc.</p> <p>12. Any student of the college aggrieved by any acts of sexual harassment or ragging can approach the Student Grievance Redressal cell at the college.</p>
<p>Code of ethics and conduct for the faculty</p>	<p>19/06/2017</p>	<p>1. Always be punctual in attending to duties in the college.</p> <p>2. Treat all students with respect and dignity and be just and impartial to all irrespective of caste, creed, sex, status, religion, language and place of birth</p> <p>3. Acknowledge and respect the uniqueness, individuality and specific needs of pupils/students and promote their holistic development</p> <p>4. Refrain from accepting remuneration for coaching</p>

or tutoring his/her own students except for remedial teaching under an approved scheme 5. Seek to establish and maintain cordial relations with parents/guardians. 6. Work in a collaborative manner with students, guardians, management, other members of staff, relevant professionals and the wider school community, as appropriate, in seeking to effectively meet the needs of students. 7. Faculty should exhibit intellectual honesty and integrity in all their scholarly endeavours. 8. Faculty should refrain from lodging unsubstantiated allegations against colleagues or higher authorities 9. Faculty should participate in programmes of professional growth like in-service education and training, seminars, symposia workshops, conferences, self-study etc . 10. Faculty should avoid conflict between their professional work and private interests which could reasonably be deemed to impact negatively on pupils/students 11. recognize the management as the prime source of his sustainable development and develop mutual respect and trust through his professional activities and outputs.

Code of ethics and conduct for the administrators

19/06/2017

1. Encourage outstanding teaching, research, and other professional activities. 2. Maintain a safe and clean environment for student learning and faculty research. 3. Act

as an advocate for faculty, staff, and students of the College. 4. Treat faculty, staff, and students fairly and impartially. 5. Refrain from engaging in behavior on the college premises that is inconsistent with their role as College leaders. 6. Strive to ensure the availability of resources required to accomplish goals and objectives.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Sardar Vallabha bhai Patel	28/10/2017	28/10/2017	79
District Level Special Camp	12/12/2017	12/12/2017	130
Blood donation camp	05/01/2017	05/01/2017	120
Dr. B.R.Ambedkar Jayanthi	14/04/2018	14/04/2018	69
Independence day	15/08/2017	15/08/2017	190
NSS Day	24/09/2017	24/09/2017	264
Sports day	29/09/2017	29/09/2017	200
Jatha	01/10/2017	01/10/2017	80
Gandhi Jayanthi	02/10/2017	02/10/2017	162

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Fire Extinguisher • Fire Extinguisher is very essential where student's gatherings are large. Labs are the places where a large number of students work with equipment's carrying a considerable amount of current and high voltages. • To avoid damage to the equipment and to the furniture, fire fighting equipment's should be placed at all the places where large gatherings are expected. • Fire extinguishers are regularly serviced to ensure they remain in good working order and function correctly should they be needed. • The Instructions regarding how to use the extinguisher is clearly mentioned in steps and displayed. • The installed fire Extinguishers are inspected, refilled and certified by professionals. • The department is provided with First aid boxes in all the laboratories. The medical aid facility is also provided on the campus

Plastic free campus 1. During first year admission students are instructed not to bring "use and throw" plastic materials inside the campus failing which fine is imposed. 2. Environmental Science is offered for I UG students. 3. Awareness programme about environment pollution and how to protect environment is conducted by students to the public. 4. The students and faculties in our campus avoid using plastics. 5. NSS students are divided into groups to monitor the dining hall, wash area, canteen and other common places to keep a watch on

use of plastics. 6. Students are advised to use paper plates, jute materials etc...

Restricted use of Automobiles • Entry of the automobiles in the campus is restricted to minimize pollution. Specific parking area is allotted for faculty and students Care is taken to restrict public, staff and student's vehicle entry into the campus and specific parking area is allotted for faculty and students • The institution has pedestrian friendly path Ban on the use of plastics • Student volunteers of NSS conducted clean and green programme in the college campus in order to generate awareness about green and peaceful earth.

The college restricts the usage of plastic bags in the campus. Special awareness programmes were organized on plastic free environment in and around the campus. Sufficient dustbins are placed in the appropriate places and Swachh Bharath slogans are also displayed. Landscaping with trees and plants • The college campus has trees and plants that make the environment carbon dioxide free. Plantation programmes have been taken up by the NSS unit for increasing the green cover in the campus. Swachh Bharath slogans are displayed. Other than these following initiatives are adopted.

Energy conservation 1. The glass windows of the class rooms facilitate the maximal utilization of natural light. 2. The traditional lighting systems are replaced with LED lighting system 3. Switching off the electrical equipment when not in use

Efforts for carbon neutrality 1. The college has made adequate arrangements for the parking of vehicles . 2. Cigarettes and tobacco products are strictly banned within 100 meters of the campus

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**Pathways** In order to carry a positive action one must develop a positive vision, with one such vision Sahyadri College shared its campus to the new program called The Pathways. Pathways is the program originally sponsored by Ford foundation of US in the year 2002-2003 as a part of global project. In India, it was initiated through Foundation for Academic Excellence and Access (FAEA). The main goal of Pathways is to provide a global outlook with regional focus, commitment to equality and social justice, and to develop the holistic view to students from the marginalized sections of society. The financial support from Ford stopped in the year 2009. But realizing benefits of programme, Kuvempu University took decisions to continue the activity with its own budgetary provision. In order to provide life skills and empower the students to become self dependent role models of the country. Selection of students to the Pathways is done on basis of class 12th marks and performance in entrance test conducted at the first year of the degree level. Forty five students are selected every year from arts, commerce, and science streams and trained continuously for 3 year till they complete their degrees. The training goes along side the regular course. This includes Afternoon daily club activities, Saturdays Expert's session, Ten days winter and summer workshops, IAS/KAS and Competitive Exams Workshop, Field Visits, Mini-workshops, Celebration of National Days,.. Etc. The primary aim to understand the interconnections exist between professionalism and knowledge systems. In order to achieve these objectives, various theme-based talks by experts, academics and professional experts and students' projects and programs are conducted during the workshops. Moreover, the core focus of this workshops are intended to trigger multiple aptitudes among students towards multidisciplinary approaches. Each student is provided an opportunity to demonstrate her/his talent in numerous ways at one hand. On the other hand, student participants are expected to inculcate qualities like focus, leadership, and action to implement the objectives of pathways in general and the workshop in particular. However, the

volunteers of pathways are from different streams of bachelor degrees (i.e. B.Sc.) of Sahyadri Science college. This particular composition of students always possess challenges in conducting programs on a single theme or topic. Therefore we in pathways conduct activities related to various disciplines to accomplish the aspirations of our students. Pathways handpicks the resource persons from different walks of life like academics, Science and technology, spiritualism, art and culture etc. They share their vision and experience with the young students. The present academic calendar in the higher educational institutions hardly provides time for non-academic learning, which is also equally important in the shaping of the personality of the children. Pathways is doing its best to fill this void by utilizing the winter and summer vacations for workshops. The gain is invaluable in terms of exposure, enlightenment and experience. Objectives 1. To train the students to meet global competition. 2. To organise both Professional Skill and Life Skill Development programmes 3. To establish networking with various employment agencies. 4. To undertake socio-economic innovative projects. 5. To take up such other programmes to bridge the gap between Academic Skills and Professional Skills Activities in Pathways 1. Regular Activities-Week days and Saturdays. 2. Vacation Workshop-10 days workshop during winter and summer vacation. 3. Special Activities-National Festivals Celebration. -Special Workshops. 1. Foundation Course-For UPSC and other competitive exams. Saturday Activities: Session by Resource Persons 1. HR Activities 2. Computer Activities 3. Communication Skill 4. Right to Information Act 5. Social Responsibilities 6. Presentation Skills 7. Preparing for Competitive Exams 8. Group Discussion 9. Film Appreciation 10. Team Building 11. Personality Styles 12. Self-Assertiveness 13. Self and Conflict Management 14. Social Etiquette 15. Book Presentation 16. Leadership and Management Skills National Festival Celebration: 1. Independence Day 2. Gandhi Jayanthi 3. Republic day BEST PRACTICES - DEPARTMENT OF BOTANY 1. Title of the Practice: Documentation of People's Biodiversity Register 2. Goal: Documentation and conservation of flora and fauna, Identification of nati vaidyas and the ethnobotanical usage by using biological resources, promotion of sustainable use and equitable sharing of biodiversity resources such as habitats, domesticated plants, Indian breeds, etc at the level of Gram Panchayats. 3. Context: The Technical Support Group consist of a Co-ordinator (Dr. Syed Abrar) three students of Sahyadri Science College, Shivamogga from B.Sc. of CBZ combination. The Technical Support Group will provide technical inputs and advice to the Biodiversity Management Committee (BMC) on identification of plants and animals, identify and document nativaidyas, monitor the PBR exercise, and maintain a database of local flora and fauna. 4. Practice: 1. Framing of Biodiversity Management Committee (seven members) in each gram panchayat. 2. The main function of the BMC and technical group is to prepare People's Biodiversity Register in consultation with the local people. The Register shall contain comprehensive information on availability and knowledge of local biological resources, their medicinal or any other use or any other 3. To maintain data about the local vaidyas and practitioners using the biological resources. 4. The Authority shall take steps to maintain the electronic database. 5. The technical support group shall provide guidance to the Biodiversity Management Committees for maintaining People's Biodiversity Registers. 6. The People's Biodiversity Registers shall be by the Biodiversity Management Committees. 5. Evidence and Success: A total 20 PBRs were prepared in sagara taluk of Shivamogga district. The Gram Panchayats were Aralagodu, baruru, Bhanukuli, Bheemanakone, Bheemneri, Hirabilagunji, Hirenelluru, Hosuru, Kanle, Khandika, Kudruru, Malve, Marthuru, Naadakalasi, Padavgodu, Shirivante, Syduru, Thalavata, Thyagarthi and Yadajigalemane 6. Problems encountered and resources required: The vicinity of the Gram Panchayats will be very much high in terms of acres. It was difficult to cover the different landscapes in some days and the interior places were not procured with the roadways, which made technical support group to reach the

places by walk. There were some nait vaidyas who were not willing to disclose the ethnobotanical aspects for documentation.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.kussc.ac.in>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Sahyadri Science College is the only institution adapted Innovations, advancement and best practices in the key areas of knowledge incubation, social immersion, governance and infrastructure have ensured our continuous growth towards excellence. The past 81 years have seen thousands of young boys/girls from far off regions enroll for higher education. The institution provides a secure haven for boys/girl students by providing a positive atmosphere to develop their innate strengths. SSC is also dedicated to nurturing socially responsible future leaders. Institutional Social Responsibility towards the underprivileged is one distinctive feature of SSC. This is in keeping with the vision of the college which is "Communion, Excellence, Service, Relevance" and its mission to turn out intellectually enlightened, morally upright, spiritually oriented, socially committed and emotionally balanced young men/women. Institutional Social Responsibility is achieved through two fundamental processes: at the management level and at the student level. SSC has always endeavored to bring the marginalized namely the socially and economically challenged as well as the physically and visually challenged students to the mainstream. Guiding the student community on what should be their role as socially conscious individuals. The student strength of the college is around 2900 with about 10 of students coming from low socioeconomic background and is first generation learners. Financial assistance is provided by the faculty members based on their economical conditions. At the student level, initiatives are undertaken on the social and the environmental front. Social: To sensitise the students about the relationship between an individual and the society, each student should engage in a minimum of 30hrs of social service initiatives. All students on campus are requested to prepare traditional food items pertaining to their state to sell and generate funds. The student community is encouraged to help the victims of natural disasters by donating cash, clothes and other essentials. The alumni are encouraged to share their knowledge the needy. The staff members were distributed 55 food kits and provisions to agency employees in the SSC. The volunteers of the Women's Cell took an initiative to sensitise the students on population growth on World Population Day. The volunteers of SSC rendered their services to the needy people of the society through their volunteerism. This endeavor sensitises our students to the special needs of the under-privileged and the differentlyabled. ones. Environmental: Environmental sustainable initiatives and lectures enable students to realise the importance of reusing and recycling .The students take part of these programmes to understand that each individual has an obligation to act for the community at large. This duty has to be performed so as to maintain the delicate balance between economy and ecosystems. The Social Immersion Committee of the Institution aims to implement a plastic-free campus.

Provide the weblink of the institution

<http://www.kussc.ac.in>

### 8.Future Plans of Actions for Next Academic Year

1.Organize more community service activities to contribute to the wellness of the society Institute is planning to organize more community service activities

to contribute to the wellness of the society. Along with NCC, NSS unit, departments and other cell Units are involved in the organization of different social activities. 2.To achieve higher placements compared to previous years 3.To conduct more cultural programs for students, so that their talents are recognized and rewarded and they get a chance to evolve into well rounded personalities and the general academic standards of the institution are enhanced even more. 4.To conduct more motivational talks by various resource persons, so that students can see beyond the narrow confines of syllabi examination marks job cycle and explore their inner passions and employ them in more creatively fulfilling and socially meaningful ways. 5.To provide greater help to students in developing not only academic and professional skills but also a sense of values like social responsibility, personal integrity.