Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SAHYADRI SCIENCE COLLEGE, SHIMOGA**
Name of the head of the Institution	**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, Vidya Nagar,**
City/Town	**Shivamogga**
State/UT	**Karnataka**
Pincode	**577203**

2. Institutional Status

Affiliated / Constituent	**Constituent**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Prof. H N RAMESHBABU**
Phone no/Alternate Phone no.	**08182240435**
Mobile no.	**9448343123**
Registered Email	**sahyadriscience@gmail.com**
Alternate Email	**iqacssc21@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.kussc.ac.in/AQAR.php

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.kussc.ac.in

5. Accrediation Details

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**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**10-Nov-2003**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
IAS/KAS competative exam coaching classes	**04-Feb-2019** **10**	**200**

Two days National Conference RIAS	27-Feb-2019 02	350
Blood donation camp	17-Jan-2019 01	150
World Yoga Day	21-Jun-2018 01	183
World Environmental Day	17-Sep-2019 01	55
One day workshop regarding NAAC preparation to our staff members	13-Oct-2018 01	110
International Womens Day	08-Mar-2019 01	100
Graduation Day and Prathibha Puraskara for students	11-Mar-2019 01	300
Ethnic Day	22-Mar-2019 01	1000
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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	MRP	SERB	2019 1095	60.95
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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 :	**9**
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	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)
Student teacher evalution.
Organization of world environment day, yoga day, swatchatha pakwada.
Student admissions by following meritcumroaster seat matrix.
Orientation Classes for First Year Degree Students
Awareness programmes conducted to the common public about COVID19 and Face Mask distribution

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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

Plan of Action	Achivements/Outcomes
Special Lectures/Seminars/events organized by various units.	Special Lectures on the topics solar eclipse, Aids awareness, Kannada sahithya abhiyaana; events like Swami Vivekananda Jayanthi and activities such as Spot memory test for students, Taayi Mane: An orphanage visit, seed exhibitionetc. were organized
Continous assessment of the students	Students were assessed continously by providing Internal Assessment tests as per schedule.
Orientation Programme for freshers	Orientation Programme was conducted through virtual mode to educate freshers about the college facilities, units and functioning
Oganizing Health check up for staff and students	A Special Health Camp for staff and students was orgnized
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
IQAC Advisory board	17-Feb-2022

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**22-Feb-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**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 www.sahyadrisciencecollege.org 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, photogallary 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 ahyadriscience@gmail.com for quick dissemination of information and official orrespondence. Other electronic means such as WhatsApp are used by college fraternity for quick exchange of information among themselves and with students via respective WhatApp 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 prescribedby 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. Thesyllabus 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 calender. 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 orgnizes orientation programmeto freshers, 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/entreprene urship	Skill Development
Nil	Nil	Nil	00	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill
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
MSc	Industrial Chemistry	16/08/2010
MSc	Chemistry	16/08/2010
MSc	Biotechnology	16/08/2010

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
Nil	Nill	0

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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	Electronics	15
BSc	Environmental Science	10
BSc	Geology	18
BSc	Physics	63
BSc	Zoology	15
BCA	Computer Science	27
BSc	Bio-chemistry	32
Integrated(PG)	Chemistry	12
MSc	General Chemistry	21
MSc	Industrial Chemistry	15

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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
Integrated(UG)	CHEMISTRY	73	85	73
MSc	BIOTECHNOLOGY	52	100	52
BSc	PCM,PME,PMCs, PMG, EMCs, IcCM, CBZ,CBBc, CBM, CBEs, CBSt, CZBc, CZM, CZEs, ZBtC, BBtC, CBG,	2072	3562	2072
BCA	COMPUTER APPLICATION	257	350	257
Integrated(PG)	CHEMISTRY	6	6	6
MSc	CHEMISTRY	67	105	67
MSc	INDUSTRIAL CHEMISTRY	58	120	58

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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
2018	2402	183	115	15	6

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	Numberof smart classrooms	E-resources and techniques used
130	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
2974	137	1:22

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
146	137	9	92	39

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
Nill	Nil	Nill	Nil
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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
MSc	BIOTECHNOLOGY	IV	17/06/2019	22/07/2019
MSc	INDUSTRIAL CHEMISTRY	IV	17/06/2019	22/07/2019
MSc	CHEMISTRY	IV	17/06/2019	22/07/2019
Integrated(PG)	MSCH	IV	15/05/2019	27/05/2019
Integrated(UG)	BSCH	VI	13/05/2019	27/05/2019
BBA	BBA	VI	15/05/2019	27/05/2019
BCA	BCA	VI	11/05/2019	27/05/2019
BSc	BSc	VI	15/05/2019	27/05/2019
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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 children 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)

At the beginning of the academic year, the institution prepares an academic calendar to organise the curricular and extracurricular activities in the institution. The academic calendar is prepared keeping in view of the overall

time-schedule prescribed by the affiliating university for the implementation of Curriculum and conduct of examinations. All academic activities run in the college throughout the year strictly by following the university rules and regulations. In the planning of academic calendar, the college adheres to the available working days, short and long Holidays, National Public holidays, Admission process, Semester wise Teaching Plans, Tentative University Examination days of semester, Tentative practical examination days, allocation of Internal Assessment work i.e. Seminar activity, Project work, Theory Assignment, Class tests, Practical assignment, Submission of Internal Assessment work, Guest Lectures, Celebration of National Science day, Celebration of various Birth and Death Anniversary, celebration of weeks like wild life, sampling plantation etc. and special days, Departmental unit tests, Educational tour, Departmental stock verification, various Literacy days, Awareness Programmes and rallies, organising workshop / seminar activity are planed month-wise and makes implementation on it. Institution follows the academic calendar in all the other related curricular, Co-curricular and Extra-curricular activities for better academic progress. The organization and participation of students in sports and cultural events are scheduled well in advance. Importantly, sports events like cricket, kabaddi, chess, badminton, table tennis are conducted by the college prior to the valedictory programme of the college conducted under Sahyadri Vijnana Parishath. Further, a variety of cultural events such as folk dance, folk songs, bharatanatyam, mimicry, debate, pick and speech, skits etc. are organized by the college under Sahyadri Vijnana Parishath. Also, and inter-college cultural competition "SANIHA" is held every year as per the schedule suitable to all the participating nearby university colleges. Institute tries to run all the activities as per the academic calendar but under certain unavoidable circumstances, the schedule of some events may get changed suitably.

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://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	383	331	86.42
BCA	BCA	BCA	53	49	92.45
IMC	Integrated (UG)	CHEMISTRY	22	16	72.73
IMC	Integrated (PG)	CHEMISTRY	6	6	100
BTTM	BTTM	BBA,(T and T)	75	73	92
MSc	MSc	CHEMISTRY	36	34	94.44
MSc	MSc	INDUSTRIAL CHEMISTRY	33	33	100
MSc	MSc	BIOTECNOLOGY	27	27	100

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)

http://kussc.ac.in

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	1825	VGST	30	0
Major Projects	1095	SERB	69.96	37.65
Major Projects	1825	DBT	25	0

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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
No Data Entered/Not Applicable !!!		

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
Nil	Nil	Nil

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

Name of the Department	Number of PhD's Awarded
CHEMISTRY	4
KANNADA	4
MICROBIOLOGY	1

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	Biotechnology	13	6
International	Botany	30	3
International	Chemistry	10	5
International	Microbiology	2	2.5
International	Zoology	4	3
National	Environmental Science	2	1

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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
BIOCHEMISTRY	1
CHEMISTRY	1
KANNADA	9

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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 tumor antagonistic steroidal alkaloid Solanidine prompts the intrinsic suicidal signal mediated DFF-40 nuclear import and nucleosomal disruption	Malojirao VH, Vigneshwaran V, Thirusangu P, Mahmood R, Prabhakar BT	Life Science	2018	10	Sahyadri Science College	8
Synthesis and amelioration of inflammatory paw edema by	Puttaswamy N, Malojiao VH, Mohammed YHE,	Biomedicine and Pharmacotherapy	2018	9	Sahyadri Science College	7

novel benzophenone appended oxadiazole derivatives by exhibiting cyclooxygenase-2 antagonist activity	Sherapura A, Prabhakar BT, Khanum SA						
Synthesis, characterization and tumor inhibitory activity of a novel Pd(ii) complex derived from metha nethiol-bridged (2-((1H-benzo[d]imidazol-2-yl)methylthio)-1H benzo[d]imidazol-6-yl)(phenyl)methanone	Sunil Kumar N.,a Krishnamurthy G., Yadav D. Bodke, Vikas H. Malojirao, Ravikumar Naik T. R., ShivanandaKandagalla and Prabhakar B. T.	New Journal of chemistry issue	2019	2	Sahyadri Science College	0
Vimentin and Non-Muscle Myosin IIA are Members of the Neural Precursor Cell Expressed Developmentally Down-Regulated 9 (NEDD9) Interactome in Head and Neck Squamous Cell Carcinoma Cells	Semelakova M, Grauzam S, Prabhakar BT, Tiedeken J, Coaxum S, Neskey DM, Rosenzweig SA	Translational Oncology	2019	5	Sahyadri Science College	3
Distribution of	Hari Gajula,	Journal of Pharmac	2018	3	Sahyadri Science	2

Title	Author	Journal	Year	h-index	Citations	Affiliation	
psoralen in different organs of Psoraleacorylifolia L.	Vadlapudi Kumar, Poornima D Vijendra, Rajashekar J, TorankumarSannabommaji, GiridharaBasappa.	ognosy and Phytochemistry				College	
Synthesis, spectral studies, XRD, thermal analysis and biological screening of metal complexes derived from (N-(3 methoxyphenyl)-2-[(2 E)-3-phenylprop-2-enoyl] hydrazinecarboxamide	Yuvaraj, T.C.M., Parameshwara Naik, P., Venkatesh, T.V., Krishnamurthy, G., Manjuraj, T	Journal of the Turkish Chemical Society, Section A	2018	3		Sahyadri Science College	2
Design, synthesis of biologically active heterocycles containing Indol-Thiazolyl-Thiazolidinone derivatives	Walmik, P., Naraboli, B.S., Swathi, B., Ghanti, S	Asian Journal of Pharmaceutical and Clinical Research	2018	2		Sahyadri Science College	1

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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
The tumor antagonistic steroidal alkaloid Solanidine	Malojirao VH, Vigneshwaran V, Thirusangu P, Mahmood	Life Science	2018	0	8	Sahyadri Science College

prompts the intrinsic suicidal signal mediated DFF-40 nuclear import and nucleosomal disruption	R, Prabhakar BT						
Synthesis and amelioration of inflammatory paw edema by novel benzophenone appended oxadiazole derivatives by exhibiting cyclooxygenase-2 antagonist activity	Puttaswamy N, Malojiao VH, Mohammed YHE, Sherapura A, Prabhakar BT, Khanum SA	Biomedicine and Pharmacotherapy	2018	0	7	Sahyadri Science College
Synthesis, characterization and tumor inhibitory activity of a novel Pd(ii) complex derived from methanethiol-bridged (2-((1H-benzo[d]imidazol-2-yl)methylthio)-1H benzo[d]imidazol-6-yl)(phenyl)methanone	Sunil Kumar N.,a Krishnamurthy G., Yadav D. Bodke, Vikas H. Malojirao, Ravikumar Naik T. R. , Shivanan daKandagalla and P rabhakar B. T.	New Journal of chemistry issue	2019	0	0	Sahyadri Science College
Vimentin and Non-Muscle Myosin IIA	Semelakova M, Grauzam S,	Translational Oncology	2019	0	3	Sahyadri Science College

are Members of the Neural Precursor Cell Expressed Developmentally Down-Regulated 9 (NEDD9) Interactome in Head and Neck Squamous Cell Carcinoma Cells	Prabhakar BT, Tiedeken J, Coaxum S, Neskey DM, Rosenzweig SA					
Distribution of psoralen in different organs of Psoraleacorylifolia L.	Hari Gajula, Vadlapudi Kumar, Poornima D Vijendra, Rajashekar J, TorankumarSannabommaji, GiridharaBasappa.	Journal of Pharmacognosy and Phytochemistry	2018	0	2	Sahyadri Science College
Synthesis, spectral studies, XRD, thermal analysis and biological screening of metal complexes derived from (N-(3 methoxyphenyl)-2-[(2E)-3-phenylprop-2-enoyl] hydrazinecarboxamide	Yuvaraj, T.C.M., Parameshwara Naik, P., Venkatesh, T.V., Krishnamurthy, G., Manjuraj, T	Journal of the Turkish Chemical Society, Section A	2018	0	2	Sahyadri Science College
Design, synthesis of biologically active heterocycles containing	Walmik, P., Naraboli, B.S., Swathi, B., Ghanti, S	Asian Journal of Pharmaceutical and Clinical Research	2018	0	1	Sahyadri Science College

Indol-Thiazolyl-Thiazolidinone derivatives						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	64	62	30

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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
Blood donation	NCC, NSS, Rangers Rovers, Red Cross units	12	178
Blood donation	NCC, NSS, Rangers Rovers, Red Cross units	6	302
Village camp	NSS, Sahyadri science college	4	102
Women empowerment	Red Cross and Women empowerment Unit	10	245

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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
Nil	Nil	Nil	0

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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 activites	Number of students participated in such activites
Red Cross	NCC, NSS, Rangers Rovers, Red Cross units	Blood donation	12	178
Red Cross	NCC, NSS, Rangers Rovers, Red Cross units	Blood Donation	6	302
NSS	NSS, Sahyadri	Village Camp	4	102

Women empowerment	Red Cross and Women empowerment Unit	Women empowerment	10	245

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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
Collaborative Research	Dr. B T Prabhakar	DST SERB	365

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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 Works	Antibacterial and antioxidant properties of the endophytic fungal extracts solated from fruits	Dayananda sagar college of Engineering, Bangalore	07/06/2018	03/08/2018	Priya V and Sindhu S
Project Works	In-silco and In-vitro studies on systemic resistance induced by endophytic fungi Solanum lycopersicum	Dayananda sagar college of Engineering, Bangalore	07/06/2018	03/08/2018	Navarathna S V and Mamatha N
Project Works	A pilot study: Association of Vitamin D receptor gene polymorphism Fokl(rs10735810) in epithelal ovarian	K S Hegde Medical Academy, Nitte University, Mangalore	10/06/2018	15/08/2018	Chaithra

Project Works	A pilot study: Association of Vitamin D receptor gene polymorphism Taq1 (rs731326) in epithelal ovarian cancer women	K S Hegde Medical Academy, Nitte University, Mangalore	10/06/2018	15/08/2018	Chandana N
Project Works	Loranths micranthus mediated silver nanoparticle, characterizatio nand biological activity	Dayananda sagar college of Engineering, Bangalore	07/06/2018	03/08/2018	Siddesh B M

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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
KS Hegde Medcial College, Nitte University, Deralakatte, Mangalore	16/08/2018	Research	1

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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
16.5	14.23

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Laboratories	Existing

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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 patially)	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	1294	2154818	1764	1050707	3058	3205525
Journals	50	68439	0	0	50	68439

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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
Nil	Nil	Nil	Nill

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	80	60	30	20	5	10	10	30	0
Added	20	0	0	0	5	10	5	30	0
Total	100	60	30	20	10	20	15	60	0

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

60 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
Nil	Nil

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 incurredon maintenance of physical facilites
85.36	76.32	25.1	20.46

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 participates 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 outsourcing 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://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. Jindal 3. SC/ST Refund 4.KMDC 5.Purasba	878	5070174

b)International	00	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	10/06/2018	44	Bangalore
Language	11/07/2018	76	SSC SHIVAMOGGA
Language	29/08/2018	54	SSC SHIVAMOGGA
Language	20/02/2019	43	SSC SHIVAMOGGA
Yoga	06/06/2018	78	SSC SHIVAMOGGA
Yoga	09/12/2018	48	SSC SHIVAMOGGA
Soft skill development	04/06/2018	55	Start Up Programme Bangalore
Soft skill development	07/06/2018	42	Trainer and Consultant, Bangalore

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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 passedin the comp. exam	Number of studentsp placed
2019	Guidance for Competitive Examinations	152	0	5	3

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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	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
00	0	0	1. Taluk office, Channagiri	60	20

	2. Atal bhujal yojane 3. KSRSAC, Bangalore 4. District groundwater directorate, Hassan 5. Hydrogeologist, Ground water, Chikballapura 6. SANKALP 7. WIPRO 8. QSpiders campus connect

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	11	SSC Shivamogga	Physical Science	KUVEMPU UNIVERSITY	MSc APPLIED GEOLOGY
2019	5	SSC Shivamogga	Physical Science	KUVEMPU UNIVERSITY	MSc PHYSICS
2019	18	SSC Shivamogga	Biologycal Science	KUVEMPU UNIVERSITY	MSc MICROBIOLOGY
2019	18	SSC Shivamogga	Biologycal Science	KUVEMPU UNIVERSITY	MSC ZOOLOGY
2019	12	SSC Shivamogga	Biologycal Science	KUVEMPU UNIVERSITY	MSc EN. SCIENCE
2019	13	SSC Shivamogga	Physical Science	KUVEMPU UNIVERSITY	MSc MATHEMATICS
2019	7	SSC Shivamogga	Physical Science	KUVEMPU UNIVERSITY	MSc ELECTRONICS
2019	7	SSC Shivamogga	COMPUTER SCIENCE	KUVEMPU UNIVERSITY	MCA
2019	10	SSC Shivamogga	COMPUTER SCIENCE	KUVEMPU UNIVERSITY	COMPUTER SCIENCE MSc
2019	18	SSC Shivamogga	BIOTECHNOLOGY	KUVEMPU UNIVERSITY	MSc BIOTECHNOLOGY

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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	4
GMAT	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
PICK AND SPEECH	COLLEGE	83
DEBATE	UNIVERSITY	70
CULTURAL COMPITETION-SANIHA	INTER COLLEGE	350
VOLEY BALL	COLLEGE	55
TABLE TENNIS	COLLEGE	40
CARROM	COLLEGE	80
CRICKET	COLLEGE	250
SHUTTLE BADMINTON	COLLEGE	80
INTRA COLLEGE DANCE	COLLEGE	320
SKIT	COLLEGE	125
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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
2019	FIRST PLACE	National	0	1	00	JEEVITHA T A
2019	THIRD PLACE	National	0	1	00	JEEVITHA T A
2019	FIRST PLACE	National	0	2	00	TANUJA T K
2019	FIRST PLACE	National	0	2	00	SINCHANA
2019	FIRST PLACE	National	0	1	00	KUSUMA H P
2019	SECOND PLACE	National	4	0	00	TEAM EVENT (CHESS), PRADEEP -WEIGHT LIFTING POWER LIFTING SUNIL BENDRE - JUDO POOJA G ONKAR - ATHLETICS

2019	FIRST PLACE	National	0	3	00	RUCHITHK UMAR
2019	THIRD PLACE	National	1	1	00	TEAM EVENT – SHUTTLE BA DMINTORN, RUCHITH KUMAR
2019	FIRST PLACE	National	0	2	00	CHETAN T C
2019	THIRD PLACE	National	0	1	00	CHETAN T C

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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:

452

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)

The Principal, Heads of the departments, teaching and non teaching faculty along with student union members, class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate growth of institution and to act according to the aims and objectives of the Institution. 1. Principal Level: Principal is the head of the institution and chairperson of the IQAC. The Principal in consultation with IQAC co-ordinator, heads of the departments and senior Teachers plan and implement different academic, student administration and related policies. 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. NAAC3. Sahyadri Vijnaana Parishat 4. Discipline committee 5. RUSA committee 6.Examination committee 7. IA committee 8. Sexual harassment committee 9. NCCcommittee 10. NSS committee 11. Rangers and Rovers committee 12. Redcrosscommittee 13. Student grievances and Redressal committee 14. Sports committee15. College prospectus committee 16. College magazine committee 17. Admissioncommittee 18. Cultural committee 19. Women empowerment cell 20. SC-ST cell 21.Student feedback committee 22. Teachers evalution committee 23. Pathwayscommittee 24. Prathibha Puraskara committee 25. Graduation day committee 26.Student alumni committee 27. Teachers association list 28. Academic councilmembers list 29. Governing body members list 30. Finance committee 31. Researchcommittee 32. Website committee 33. Garden maintenance committee 34. Class teachers / mentors list 35. Time table committee 36. Exam invigilator allotmentcommittee 37. Exam squad members list 38. IMF committee 39. Student counsellingcommittee 40. Career and placement cell 41. Remedial coaching cell 42. NET/SLETcoaching 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. 2. Nomination of department heads and Unit/cell co-ordinators The principal of the

college nominates the heads of the department and unit/cell co-ordinators for every once in three/two years respectively. The head of the department is assigned the responsibility of the planning and managing all the department level activities such as syllabus distribution, theory and practical class allotment, monitoring regularity of classes, student attendance, student performance, engagement of class tests, evaluation, feedbacks from various stake holders, organizing seminar, project work, field trips, etc. Also, they are involved in augmentation of infrastructural facilities, purchase of lab equipments, chemicals and glass-wares, maintenance of stocks and stock verification. Like-wise various unit/cell co-ordinators look after the smooth and effective functioning of their respective units/cells.

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	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.
Teaching and Learning	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. Intercollegiate competitions and seminars are arranged for the students to make them understand the recent trends in their field of study. Teachers attend Orientation and refresher course for enriching their capabilities. Awareness programmes are conducted by various departments and cells.
Examination and Evaluation	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 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	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.
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-governace area	Details

Finance and Accounts	Human Resource Management System
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.

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	Nil	Nil	Nil	0

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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	Nil	Nil	Nill	Nill	Nill	Nill

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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 Course	1	22/11/2018	12/12/2018	21
Refresher Course	1	04/07/2018	24/07/2018	21

Refresher Course	1	21/11/2018	12/12/2018	22
Orientation Course	1	07/01/2019	05/02/2019	29
Orientation Course	1	22/11/2018	19/12/2018	27
Orientation Course	1	03/01/2019	31/01/2019	28
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	10	1	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
Nil	0	Nil

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6.4.3 – Total corpus fund generated

00

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)

The members of supporting staff periodically undergo short term computer training, training on office management and accounting arranged by the college and university. The office superintendents are also the members of several major committees of the college, who in turn update the information gained through such interactions to the other supporting staff members.

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 Yoga Day	21/06/2018	21/06/2018	21/06/2018	150

2019	Blood Donation Camp	17/04/2019	17/04/2019	17/04/2019	130
2018	One Day Workshop on NAAC preparation	13/10/2018	13/10/2018	13/10/2018	75
2019	10 days IAS KAS competetive coaching classes	04/02/2019	04/02/2019	26/02/2019	200
2019	One day state level seminar by department of mathematics	16/02/2019	16/02/2019	16/02/2019	150
2019	Raashtreeya Bhasha Dinacharane (MHRD/UGC programme	21/02/2019	21/02/2019	21/02/2019	110
2019	2 days national concference (MHBS)	22/02/2019	22/02/2019	23/02/2019	350
2019	International woments day celebration	08/03/2019	08/03/2019	08/03/2019	110
2019	9th annual graduation day prathibha puraskara	11/03/2019	11/03/2019	11/03/2019	250
2019	Ethnic day	22/03/2019	22/03/2019	22/03/2019	750
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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
Women in Science and Technology	18/09/2018	18/09/2018	241	124
Ethnic Day	06/12/2018	06/12/2018	255	154

VARNA				
Exposing Miracles	09/03/2019	09/03/2019	298	144

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

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
2018	Nill	1	11/10/2018	1	Shramadhana At DJB Building	Hygiene Cleanliness	112

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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 Students	12/06/2018	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 elections or during any activity of the college. 8. He/she should not indulge in any disruptive activity in a class room or in an event sponsored by the college. 9. Cheating and Copying during examinations are forbidden. 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. 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. 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. |
| Code of ethics and conduct for the faculty | 12/06/2018 | | 1. Always be punctual in attending to duties in the college. 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 3. Acknowledge and respect the uniqueness, |

			individuality and specific needs of pupils/students and promote their holistic development 4. Refrain from accepting remuneration for coaching 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	12/06/2018	1. Make efforts to

| conduct for the support staff | | enhance administrative 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. |
| Code of ethics and conduct for the administrators | 12/06/2018 | 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
Independence day	15/08/2018	15/08/2018	103
College Campus Cleaning	16/08/2018	16/08/2018	105

Sadhbhaavana park Cleaning	20/09/2018	20/09/2018	91
College canteen and library Surrounding Cleaning	27/09/2018	27/09/2018	94
Blood Donation Camp	28/09/2018	28/09/2018	93

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

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…

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

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. Swatch Bharath slogans are displayed.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Tree Plantation Sapling plantation Awareness of Environmentalism is the need of the day and hence students are encouraged to plant saplings in their own residential compound and their neighbourhood to the extent possible. The students have undertaken this activity with much enthusiasm and as a matter of regular practice. • Objective of the practice keeping in mind the importance of environmental conservation, Our College has initiated the 'Sapling Plantation programme'. Students undertook this activity enthusiastically and planted saplings in their own residential compound and their neighbourhood to the extent possible. The aim was to create an awareness about keeping our environment green and balanced. Students' efforts made this drive a big

success. Students have undertaken the responsibility of nurturing the plants. • Context The programme created a great stir among the students. The main aim of the drive was to spread and create awareness to protect environment from degradation. The event was successful as each student contributed profoundly as and when called upon by the teachers. In this extensive sapling plantation campaign, many plants with medicinal values were planted by students in various areas. 2. Mentoring Each student is allotted a faculty mentor from the first month of semester. Faculty mentors are allotted on the basis of the student profile and the data collected on the basis of one-to-one interactions with the students by a panel of faculty members immediately after the orientation programme in the first week of semester. Faculty mentors act as friend-philosopher-guides to students. Each faculty is allotted 10-14 mentees. To strengthen bonds of appreciation and affection that exists between staff and students. Students just by having opportunity to talk with about their problems get helped and feel less stressed. To enlighten the students on professional ethics and conduct. Teacher guardian monitors academic performance of students. Poor performance of students is improved by way of counseling. Teacher guardian solves the domestic problems of students. To provide guidance to students in their study habits and help them to be more focused to set academic target and reduce their grievances. Initially questionnaire is used to elicit information from students with regard to their personal details. Each student meets his/her Teacher Guardian regularly. Issues which arise are looked into with an adequate level of seriousness. After each month Teacher Guardian session is held to monitor progress in implementation of goal.

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 differently abled children, the mentally challenged, the visually impaired and physically challenged. The HIV-affected, visually impaired, physically challenged, the lonely elderly, the abandoned street boys and girls, leprosy affected patient's children are invited to the campus and given a platform to perform to showcase their talents during Christmas time. They are given financial aid and a fellowship meal. This endeavor sensitises our students to the special needs of the under-privileged and the differentlyabled. Environmental: Environmental sustainable initiatives and lectures enable students to realise the importance of reusing and recycling .The students partake 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. All efforts in promoting research activities in the college will be undertaken, as we have been greatly improving our research facilities like specialty instruments and supporting facilities, over the past several years. Enhancement in the numbers of research scholars, research degrees and published research papers are indicative of the opportunity in thriving quality research and academic output in the coming academic year. 2.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. 3.Effective implementation of the curriculum by including Current affairs, statistics, human interest, stories, news paper and magazine clippings, presentations, assignments,seminars, field trips and class tests. 4.To improvise Class mentors - mentee selection and assignment process and make the mentors aware of their role and responsibilities. 5.To introduce online mode of undertaking feedback of students on curriculum and teachers