



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution		SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT
Name of the head of the Institution		Dr Umesh M.Bhushi
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08242277222
Mobile no.		9448100123
Registered Email		principal@sahyadri.edu.in
Alternate Email		dean.academics@sahyadri.edu.in
Address		Sahyadri College of Engineering & Management, Sahyadri Campus, Adyar
City/Town		Mangaluru
State/UT		Karnataka
Pincode		575007

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. Uma Shankar			
Phone no/Alternate Phone no.		08242277222			
Mobile no.		9844372927			
Registered Email		principal@sahyadri.edu.in			
Alternate Email		dean.academics@sahyadri.edu.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		https://www.sahyadri.edu.in/Home/accreditation			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		https://www.sahyadri.edu.in/Home/accreditation			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.09	2017	22-Feb-2017	21-Feb-2022
6. Date of Establishment of IQAC			28-Aug-2015		
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	

Sahyadri Science Talent Hunt-SSTH (https://www.sahyadri.edu.in/Home/gallery)	12-Nov-2016 60	2000
Bridge Course for Engineering Students	04-Jul-2016 18	144
Orientation programme on personality development	08-Aug-2016 1	680
Sahyadri Whiz Quiz	10-Mar-2017 60	900
Union Budget discussion	07-Feb-2017 5	180
No Files Uploaded !!!		

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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

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 :

4

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)

1. Sahyadri Talent Hunt to create an environment for innovative practices among school and PU students of Dakshina Kannada District. 2. Initiated a green cell in the campus to focus on various environment related activities 3. Tie up with Local authorities to carry out swachh Bharat initiatives of the Government and ensure maximum participation from the students 4. An International study tour comprising of a University interaction and industry visits to give management students an international exposure was organised 5. An alumni meet to connect to

the students passed out of the institution was organised to build a network for the future

No Files Uploaded !!!

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
Bridge course for the fresh batch of students	Students to get an exposure to the professional course and what is expected out of them at the end of the course. Students able connect well with the institution and its mission
Establishment of Green Cell in the campus	a garden of medicinal plants is developed through green cell
Sahyadri Science Talent Hunt	Connect with the High Schools and PU Colleges of the region and create an environment so that innovative minds are ignited with fresh ideas
Sahyadri WhizQuiz	Management students are exposed to current happening in the world of business. economics, management and other fields. They are exposed to working in team and managing an event
Union Budget Discussion	Students are presenting the Union Budget before an expert panel and understand as to how budget is going to impact the lives of millions
Separate department for Basic Science & Humanities	All the first year faculty are grouped together as a single First year department and housed in a seperate common staff room. This enables students to interact all the faculty at a common place, gets proper attention and they are mentored by these faculty, prepare them to handle the subjects to do well in academics
Representatives in placement from all the departments	Placement department capacity is enhanced with representatives from each of the streams to coordinate with the company officials visiting the campus and understand the requirement. Post which they will go back to their respective departments and prepare the final year and pre final year students for the further rounds of placement
Training on Outcome Based Education	Training planned for all the faculty members on the OBE methodology in order to help them understand the need and tune their teaching pedagogy accordingly

Preparing two sets of question paper for the Internal Tests	All the faculty members set two question papers for their respective subjects and HoD will select one among them randomly. and they will randomly pick the question paper for the CIE
---	---

No Files Uploaded !!!

14. Whether AQAR was placed before statutory body ?	Yes
--	-----

Name of Statutory Body	Meeting Date
Governing Council	11-Nov-2017

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
--	-----

Date of Visit	02-Feb-2017
---------------	-------------

16. Whether institutional data submitted to AISHE:	Yes
---	-----

Year of Submission	2017
--------------------	------

Date of Submission	01-Mar-2017
--------------------	-------------

17. Does the Institution have Management Information System ?	Yes
--	-----

If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institute is using ERP system. The lists of modules currently operational are • Admission - Registration, Student Details, Assigning and Readmission etc. • Finance/ Fee payment - Refund, Fee Structure, Fine Calculation, Fee Overdue, Fee Waiver, Concession and Reminders etc. • Academics - Attendance, Time Table, Syllabus, Lesson Planning, Counseling, Feedback, Calendar of events, Question Bank, etc. • Tests/Exam - Eligibility Criteria, Promotions, Result Analysis Time Table, Results, Result Analysis, No Objection/ Due Certificates, etc. • Communication - Attendance, Reports, Results, News Events, Alerts, Notices, etc. • Library - Book Collection, Renewal, Library Fee, Book Tracking, Book reservation, Penalties, Accession register maintenance as per standards, Bar code based book issuance / receipts, etc. HR Payroll - Staff Registration, Staff
--	---

Attendance, New Recruitment, Faculty Status, Payroll, Pay slip, Salary statements generation, bank advice generation, etc. • Reports - All required reports can be configured • Hostel Mess - Hostel room management, Hostel Fee, Registration, Hostel Security, Mess Bill Generation, Mess Bill Hall Ticket Mapping, etc. • Alumni - Alumni Database management, Events Functions, Circulars, etc. • Dashboards - Operational, Educational, Financial, Administration.

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

? Academic calendar is prepared before the commencement of the semester in the HODs meeting and covers all the activities planned for the semester. Once it is approved it is shared with the stakeholders ? The college practices the chalk and talk method. In addition, creative and innovative methods of teaching are adapted by using ICT viz: LCD projectors and public address system. ? Each department has well ventilated, spacious class rooms with ICT facility and exclusive seminar hall for the workshops and guest lecture series. ? Detailed course material, lesson plans, class notes, Question banks, Laboratory manuals, and Model question papers are prepared by the faculty and made available to the students. ? Slow learners are given special attention through class teachers and subject teachers by conducting extra coaching for each subject and fast learners are motivated through project based learning and quiz programs. ? The attendance registers are scrutinized by the Heads of departments and the Principal once in a month to ensure coverage of topics as per conspectus detailed out in the academic diary along with the actual coverage. ? Regular Class Student Representatives meetings and class teachers meetings are conducted by the HODs and the Principal to review the teaching-learning process, academic progress of the students, grievances if any, and suitable remedial measures are taken as and when necessary. ? The Library maintains question banks which are used by the faculty and students to become familiar with the pattern of examination. • The institution Library has access to e-journals and e-books of numerous reputed Professional bodies like IEEE, ASCE, PROQUEST Technology, PROQUEST Management, ELSEVIER'S SCIENCE DIRECT, Springer, Taylor & Frances etc. ? In addition to regular subject classes, the college also organizes special lectures by inviting experts from various fields to share their knowledge and experiences with the students in their field for expertise. ? The College also organizes special Personality Development Programs for overall development of the students, which is embedded as part of curriculum. ? Project based learning is made mandatory right from the beginning of the course, which reinforces theoretical learning. This has resulted in students winning laurels at project competitions by premier institutes like IITs and NITKs ? Technical and Project Exhibitions are organized for students to enhance the subject interest.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of	Duration	Focus on employ	Skill
-------------	-----------------	----------	----------	-----------------	-------

		Introduction		ability/entrepreneurship	Development
AUTO CAD 2D to 3D	Not Applicable	02/02/2017	90	Employability	2D/3D Design Modeling Skills
SOLID WORKS	Not Applicable	30/08/2016	90	Employability	Solid works

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	No New courses introduced	01/07/2016
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
MBA	All	01/09/2016

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

	Certificate	Diploma Course
Number of Students	63	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
Digital Marketing	18/04/2017	30
Mobile Application development	22/06/2017	194
Construction Project Management	27/03/2017	40
Aptitude Classes	01/08/2016	255
Aptitude Classes	27/02/2017	255
SOLID WORKS	30/08/2016	34
AUTO CAD 2D to 3D	02/02/2017	29
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
MBA	All	360
BE	ME	104
BE	IS	15
BE	CS	137
BE	CV	17
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
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

The Institution collects the feedback from stakeholders through a formal mechanism, which is reviewed by the Academic Officer along with the academic committee. Suggestions are incorporated implemented in the teaching and learning process. Student Feedback: The student feedback is obtained twice every semester that is at the beginning of the semester and at the end. Parent Feedback: The Parents feedback is obtained during parents orientations and it is addressed immedietly. Industry Feedback: As SCEM has MOU's with various companies. Industry feedback is obtained during project exhibition, campus placement, Innovation Entrepreneurship Development Cell (IEDC) meeting, guest lectures / workshops and seminars. Staff Feedback: Staff feedback is obtained every semester through faculty meeting at the department and town hall sessions are organised to take feedback. Alumni Feedback: Alumni feedback is obtained during the alumni meet which is conducted by SCEM every year and also during their visit to the campus The feedback obtained from the stakeholders is communicated to the the university through the BOS members to incorporate changes in curriculum and for introduction of new courses

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
MBA	All	180	250	173
Mtech	All	138	48	48
BE	All	720	900	695
No file uploaded.				

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
2016	3153	467	197	43	40

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
240	240	90	66	4	15
No file uploaded.					
No file uploaded.					

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

Student mentoring programme is available in the institution. Faculty members are assigned with equal number of mentee students from each year of engineering and management courses. Mentoring is done on a regular basis by meeting the students and monitoring the growth of the student in academic related activities. Slow learners are identified by the mentor and taken assistance from the subject teachers to ensure better performance in the university examination. Mentor will check for the attendance, progress in the internal examinations to ensure that the student is on the right track. Counselling is done for the students by the mentor and department head on a need basis to ensure that students will have a better learning environment. Mentoring is a process where the student has to be shown the right direction to success. The Mentors not only support the students on Academics but on Personal, Emotional aspects of the students. Mentoring helps the students to achieve their dreams by having a broader perspective about life. It helps the students to analyse themselves in terms of their strengths, capabilities, weaknesses, fears, opportunities and gives them a understanding on how to develop weaknesses into strengths. It helps the students to take better decisions as they can take suggestions from the Mentor who has a rich experience in this field. The Mentee receives critical feedback in key areas, such as communications, interpersonal relationships, technical abilities, change management and leadership skills. Mentoring helps the mentee develop a sharper focus on what is needed to grow professionally within the organization. The Mentee gets an opportunity to learn specific skills and knowledge from the mentor that are relevant to their personal goals. It helps the Mentee to build a better network with other students as well as outside world. Gains knowledge about the institutions culture and unspoken rules that can be critical for success of the Mentee. In these days the students lack direction and focus more importantly lack of people whom they can trust and share their thoughts feelings, emotions, fears, anxieties. Though the students have all the skills required to be successful, an ear to listen to their fears is lacking thus mentee gets a friendly ear with whom they share concerns as well.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3620	240	15

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
240	213	27	27	3

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
2017	Dr. Ashwath Rao and Dr. Steven F	Associate Professor	Seed Grant form University of Houston, USA.1000\$
2017	Dr. Steven F	Associate Professor	Intuition of (80K) Engineers, Kolkatta
2017	Mr. Ravichandra R	Associate Professor	Outstanding Contribution in

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
No Data Entered/Not Applicable !!!				
View File				

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

- Internal test question paper setting for First Year UG from external faculty
- Preparation of 2 sets of QP per paper for higher semester and HoD selects 1 and photocopy
- Inclusion of Objective Type questions in internal test paper so that students will be well prepared for competitive exams.
- Installation of CCTV at online QPDS center

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

The Academic Department headed by the Dean (Academic) monitors and evaluates the quality of teaching learning. • It monitors the conduct of regular theory and laboratory classes, course completion, and conduct of internal assessment tests. • It ensures that the departments complete all the academic activities within the stipulated time as mentioned in the calendar of events. • It ensures that the departments prepare all the required academic and administrative documents before the commencement of the classes and are properly notified in time and brought to the notice of all concerned. • It ensures that the departments are appropriately conducting internal assessment tests, evaluating the blue books and sending the progress reports to parents well in time. • It obtains student feedback twice a semester, one after the first internal assessment test and the other at the end of the semester, on faculty teaching. The necessary steps for continuous improvements in quality of teaching learning are taken. • It collects reports from each department regarding the activities, student results, and performance of the department periodically. • It ensures appropriate distribution of departmental workload.

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)

<https://www.sahyadri.edu.in/Home/accreditation>

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
ME	BE		124	118	95.16
IS	BE		97	91	93.81

CS	BE		115	107	93.04
EC	BE		124	115	92.74
CV	BE		130	107	82.30
MBA	MBA		163	145	88.95
MACHINE DESIGN-MMD	Mtech		13	12	92.30
COMPUTER AIDED DESIGN OF STRUCTURES-CSE	Mtech		16	16	100.00
COMPUTER SCIENCE & ENGINEERING-SCS	Mtech		14	14	100.00
Course of VLSI DESIGN & EMBEDDED SYSTEMS-VLSI	Mtech		12	12	100.00
STRUCTURAL ENGINEERING-CSE	Mtech		19	19	100.00
No file uploaded.					

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.sahyadri.edu.in/Home/accreditation>

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
Minor Projects	360	KSCST	0.97	0.97
Industry sponsored Projects	360	KCTU, Industries Commerce, GOK	115	0
Projects sponsored by the University	360	University of Houston Downtown, USA	0.7	0.7
No file uploaded.				

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
Industry Pollution Control	Civil Engineering	09/06/2016

VLSI Design Using Open Source EDA	EC Engineering	29/07/2016
Corporate expectation from B School Graduates	MBA	11/04/2017
Java applications	CS	01/03/2017
Awareness of Latest Technology	CS	12/04/2017

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
Increasing the efficiency of power plant (thermal and nuclear) using thermoelectric generator by extracting the unused heat	Mr. RavindraBabu G	KSCST	12/08/2017	Thermo electrical
Affordable solar agricultural dryer for farmers	Dr. Rathishchandra R Gatti	KSCST	12/08/2017	Agri
Optimization of foodwaste based biogas digester and its implementation in rural areas	Prof. Prasanna Kumar C and Ms. Rashmishree K N	KSCST	19/08/2016	Project of the Year
A novel Idea for freshness analysis and classification of ICED sea fish using android smart phone	Prof. Prasanna Kumar C And Mr. Jithesh	KSCST	27/03/2017	Student Project - 40th Series
Leakage Detection and Monitoring of industrial pipes using thermal infrared camera	Prof. Ashwath Rao	KSCST	27/03/2017	Student Project - 40th Series
VLSI Implementation of High Speed Digital Integrated Circuit for Multiplication Using Modified Vedic	Prof. Praveen Vardhana M and Swetha M	Cadence Design System	10/08/2016	Undergraduate

Mathematical Techniques				
OPTIMIZATION OF FOODWASTE BASED BIOGAS DIGESTOR AND ITS IMPLEMENTATION IN RURAL AREAS	MR. PRASANNA KUMAR.C MS. RASHMISHREE K N	KSCST	20/08/2016	Natural Resources
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
Sahyadri E cell	Shrajan Bhandary	Sahyadri College of Engineering Managment	DTILABZ Pvt. Ltd.	Educational	01/07/2016
Sahyadri E cell	Sachin Ganesh	Sahyadri College of Engineering ManagmentSahyadri College of Engineering Managment	Dream Soft Innovations	Software Development	01/07/2016
Sahyadri E cell	Midhun Jyothis	Sahyadri College of Engineering Managment	Challengers	Drone Technology	01/07/2016
Sahyadri E cell	Gouse Khan	Sahyadri College of Engineering Managment	Flotanomers	Flying	01/07/2016
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
		1

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

Name of the Department	Number of PhD's Awarded
CSE	1
ME	3
ECE	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	ECE	27	3.5
International	CV	35	0

International	ME	16	0
National	IS	1	0
International	IS	8	0
National	CS	6	0
International	CS	16	0
No file uploaded.			

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
CS	1
CV	1
EC	1
ME	8
No file uploaded.	

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
Wetland mapping and change detection using remote sensing and GIS	Kavyashree M P	International Journal of Engineering Science	2016	1	Sahyadri College of Engineering Management Mangalore	3
Design And Implementation Of Tiny Encryption Algorithm	Viven Rakesh J Pais Kiran Kumar.V.G, Sudesh Jeevan Mascarenhas, Sanath Kumar	Int. Journal of Engineering Research and Applications	2016	1	Sahyadri College of Engineering and Management	1
Squeeze casting process modeling by a conventional statistical regression analysis approach	Dr. Manjunath Patel GC	Applied Mathematical Modelling	2016	0	Department of Mechanical Engineering, NITK Surathkal, India	22
Modelling and multio	Dr. Manjunath	Australian Journal of	2016	0	Department of	14

Objective optimization of squeeze casting process using regression analysis and genetic algorithm	Patel GC	Mechanical Engineering			Mechanical Engineering, NITK, Surathkal, India	
Back propagation genetic and recurrent neural network applications in modelling and analysis of squeeze casting process	Dr. Manjunath Patel GC	Applied Soft Computing	2016	0	Department of Mechanical Engineering, NITK, Surathkal, India	12
An intelligent system for squeeze casting process-soft computing based approach	Dr. Manjunath Patel GC	The International Journal of Advanced Manufacturing Technology	2016	0	Department of Mechanical Engineering, NITK, Surathkal, India	8
View File						

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
No Data Entered/Not Applicable !!!						
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	0	30	21
Presented papers	23	7	0	0
No file uploaded.				

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
Sahyadri EWaste Container Launch	Green Cell	4	30
Sahyadri WhizQuiz	Department of Business Administration	16	350
Kargil Vijay Divas	Department of Civil Engineering	130	25
Leadership Development Program	Department of Business Administration	15	150
How to Excel in Competitive Examinations	Vijayavani News paper	2	150
Rashtriya Madhyamik Shikshan Abhiyan	Rashtriya Madhyamik Shikshan Abhiyan	20	74
PGCET Training	Department of Business Administration	4	200

No file uploaded.

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
No Data Entered/Not Applicable !!!			
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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	Ramakrishna Mutt Mangalore	Swachh Mangaluru	5	120
Blood Donation	NSS Unit	Blood Donation Camp	5	200
Swachh Bharat	Ramakrishna Mutt Mangalore	Swachh Mangaluru	5	60
Swachh Bharat	Ramakrishna Mutt Mangalore	Swachh Mangaluru	3	60
Swachh Bharat	Ramakrishna Mutt Mangalore	Swachh Mangaluru	12	600
Road Safety	NSS Unit	Slow Down -Save	3	120

		Lives		
Swachh Bharat	Ramakrishna Mutt Mangalore	Swachh Mangaluru	4	70
No file uploaded.				

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
SUPRA SAE INDIA 2016	Students	Students, Sponsors, SCEM	2016
ISK GOKART	Students	Students, Sponsors, SCEM	2016
BAJA SAE INDIA 2017	Students	Students, Sponsors, SCEM	2017
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
Internship	Internship Programme	MRPL, Laminar Springs, MCF, KIOCL	01/07/2016	31/08/2016	56
Internship	Internship Programme	BharathSanch ar Nigam Ltd., Mangalore	11/07/2016	17/07/2016	84
Project Work	Controlling Massive soil sensors on heterogeneous computing environment and OpenCL framework with GPGPU acceleration using swarm Intelligence	Automata Research Laboratory	01/07/2016	01/07/2017	1
No file uploaded.					

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

National Design Research Forum (NDRF)	19/02/2016	The MOU Concerning Biofuels. Energy from waste, Concrete Technology, Cleaner Technologies, Image Processing, Energy generation from renewable sources, Micro Air Vehicles, Embedded systems, marine Vehicles including under water Vehicles technologies	4
R V College of Engineering, Bangalore	25/02/2017	Collaboration for demonstration of technology solution at target region for the STED project titled " Entrepreneurship Development in Microgrid for Community Living" Submitted to NSTED Board, New Delhi	4
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
900	751.49

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar Halls	Newly Added
Seminar halls with ICT facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
No file uploaded.	

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
No file uploaded.			

Libsys	Fully	6.0	2008
--------	-------	-----	------

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	35813	8675057	2077	805262	37890	9480319
Journals	86	208306	2	219819	88	428125
e-Journals	6197	852800	15125	1354000	21322	2206800
Library Automation	1	220000	0	0	1	220000

No file uploaded.

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
---------------------	--------------------	---------------------------------------	-----------------------------

No Data Entered/Not Applicable !!!

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	948	15	100	1	1	1	1	100	0
Added	227	0	0	0	0	0	0	0	0
Total	1175	15	100	1	1	1	1	100	0

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

100 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
EContent and Video Recording Facility	https://sahyadri.edu.in/Home/Library

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
100	98.69	90	87.58

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)

Infrastructure facilities: There is an exclusive civil maintenance department headed by trustees, which plans for the entire year in relevance to short term strategic plan of three years. It takes care of the entire Institution spanning buildings, roads, gardening, keeping in view the ecological balance. The department wise requirements are placed before the principal and the management committee which will be sent to the governing council for approval. Once it is approved the maintenance department will prepare the plan and send it for budget approval Maintenance procedure: Periodically all the buildings are inspected and repairs are carried out as per the maintenance schedule within the ambit of budget. • All the buildings are painted once in two years with quality paint. • Wall cracks and roof cracks are to be identified and filling done by using suitable materials. • All the roads have interlock system, with timely maintenance. • Greenery (lawns, plants and trees) Stretches are maintained inside the campus and are monitored on a day to day basis. Equipment facility Lab equipments are maintained with proper maintenance schedules, breakdown, routine and planned maintenance. This is undertaken at each department level. Computing facility • This is maintained by the System Administrator. • As per the AMC agreement two resident engineers are placed for maintaining • all the computing facilities and its accessories on a day to day basis. • General inspection and servicing activities are reviewed once in a semester. Library The Library is monitored and maintained by the Library Committee. It takes care of binding of torn books, weeding out of unusable and outdated books. The journals and magazines are kept as repository as bound volumes annually

<https://www.sahyadri.edu.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
No Data Entered/Not Applicable !!!			
View File			

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 implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

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
2016	Aptitude	0	121	0	40
2017	GATE Coaching	25	0	3	3
2017	Aptitude	0	99	0	62

2017	Career Counselling activities by 10 seconds	0	103	0	77
------	---	---	-----	---	----

No file uploaded.

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	9

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
No Data Entered/Not Applicable !!!					
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
No Data Entered/Not Applicable !!!					
View File					

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
GATE	2
Any Other	1
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
No file uploaded.						

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

The institute has a active student council involving representatives from all departments. The council conducts various activities related to academics, training, placement, research, entrepreneurship etc and participation in various activities through various student clubs. • The Institution has counselling services pertaining to all the areas: Academic • Mentoring: The Institution has unique programs in which twenty students are mentored by a faculty member. Interaction helps in identifying the weakness of the students the mentors develop a plan of action for meeting the requirements of such students and develop the course of action for effective mentorship. During this process they are also counselled for career opportunities and setting goals for the future - whether to go for jobs or to pursue higher education or start their own enterprise. • As the part of the orientation for newly joined first year students, industry personnel are invited to give them the industrial perspective of engineering education, which can boost the confidence of students. • In the second year, branch specific counselling is given by industry personnel, scientists and academicians. Personal Psychosocial Counselling • The Institution has a professional counsellor who makes herself available whenever students need her help. She has shared her phone number with all the students by visiting all the classrooms. • The class teachers and the mentors counsel the students whenever required. Student Welfare Officers regularly observe the students on a day to day basis. • The student grievance cell, anti-ragging cell, and sexual harassment cell are also involved in the counselling of students. Career Guidance The Institution provides professional career counselling through: • Training and placement department. • Interaction with the corporate world. • Preplacement talks. • Alumni visits to the campus and addresses to the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institution has a registered Alumni Association. The alumni association is engaged in organizing alumni meets from time to time and extends its activity regarding Student Support and Progression. Alumni Networking: • The Alumni Association is formed at the college to have a strong alumni network. • The Alumni Meet is organized at the Campus once a year. • Alumni have a separate portal in the Institution website and individual access is given to each member. • Alumni share their Technical expertise. • They guide students aspiring for higher education by providing GATE coaching and assistance. • Company Contacts are voluntarily shared by the alumni. They also inform the Institution regarding the various Seminars, Hackathons being different institutes, thereby providing a platform for the current student. • Former Faculty: Daily/Weekly and Monthly buzz and the newsletters published once a semester, which presents the activities of the Institution in a nutshell, are sent to the alumni and all the faculty. Alumni off Campus Student support • Students are provided with Offcampus drive information as part of campus support. These offers are open to students for nearly 45 years from their year of passing out. Alumni achievements are always highlighted in the campus buzzes, who indeed are the role models for the juniors at the campus. • Alumni are encouraged to visit the institution regularly to interact with the students as well as the faculties, which in turn helps in upgrading the knowledge with current and upcoming trends. Various latest technologies that are adopted by the companies are introduced to the students to enhance their technical skills and also help the faculties to analyze industry requirements.

5.4.2 – No. of enrolled Alumni:

3600

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

1384000

5.4.4 – Meetings/activities organized by Alumni Association :

The 5th Annual Meet of Sahyadri College of Engineering Management Alumni Association (Regd.) was held in Sahyadri Campus on 22nd April, 2017 with great pomp and joy. The meet started with the general body meeting in which the new office bearers for the year 2017/18 were introduced. This was followed by a fulfilled gala evening which included exciting games and cultural extravaganza hosted by final year students. The alumni cherished the chance to come back to their alma mater and relive their memories. They also appreciated the growth of the institution and also assured to join hands to take Sahyadri to the new heights.

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)

Inclusiveness requires participation of various stakeholders and openness in governance. To achieve good governance through Governing Body (GB), the GB takes the inputs from various branches of institutional committees, which requires leaders and a dedicated team. The flow shows decentralization of implementation but a single attainment assessment process. It gives equal opportunities on competence irrespective of gender. Keeping inclusiveness in mind various statutory and non-statutory committees have been set up in the institution for good and better governance, this also brings transparency. The institute has Dean Academics and Dean Examinations who take care of activities related to Academics and Internal and External examinations respectively.

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

Yes

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
Curriculum Development	Even though we are a university affiliated institute we have introduced innovative methods of teaching in the curriculum. Hands on experience labs for the students to have in depth knowledge on the various branches of engineering. Social Innovation Projects were introduced to the students to sensitize about societal issues and enable them to identify and resolve the issues.
Teaching and Learning	Academic calendar is prepared by the academic committee and shared with all the stakeholders. Classrooms are equipped with ICT facility. Mentor mentee system to identify the strength

	of each students and work on weak students Well established library with all relevant study and research materials are provided
Examination and Evaluation	Internal test question paper setting for First Year UG from external faculty Preparation of 2 sets of QP per paper for higher semester and HoD selects 1 and photocopy Inclusion of Objective Type questions in internal test paper so that students will be well prepared for competitive exams. Installation of CCTV at online QPDS center
Research and Development	The college has a separate department for research. All the research funding proposals is approved by the committee headed by the Director Research. Dedicated labs are provided to carry out research activities
Library, ICT and Physical Infrastructure / Instrumentation	Central library is set with all the relevant books as prescribed by the university is made available for the students. The procurement of new books is done in consultation with department heads in case of any changes in the syllabus. Separate digital lab is set up to access e learning materials. Most of the classes are ICT enabled.
Human Resource Management	Separate and dedicate team is available to look at the HR policies from Recruitment to exit. All the activities are tracked through the ERP system like leave, salary payment, faculty feedback etc.
Industry Interaction / Collaboration	The collage has provided ample space to set up industries and start ups within the campus. We have tied up with industrial bodies for the better network and connectivity. Students are take to industries for hands on experience, sent for internship programs and series of guest lecture is conducted to understand the industry requirement.
Admission of Students	Separate admission department is set up with an admission officer. Students are admitted through the management and government quota. The faculty team connect to various colleges by conducting activities and promote the initiatives taken up the college to create a learning environment. Students are approached through the alumni members.

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

E-governance area	Details
Administration	The ERP software provides the necessary tool to manage the day today operation of the institution. It provided facilities like Lesson Plan updation, work done report month on month, student feedback system. It also provide HR solutions like employee management, payroll management, leave management, generate salary slips etc
Finance and Accounts	Daily financial entries are done in the ERP system. The process covers fees collection from the students, amount spent on various heads of expenses, vendor payouts and amount collected towards university fees payment
Student Admission and Support	The ERP system provides all the relevant details regarding student admission like category admitted, branch wise information, fees payment details, attendance tracking, class allocation, faculty feedback
Examination	CCTV camera is installed in centralised QPDS room for better surveillance

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
No Data Entered/Not Applicable !!!				
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)
2016	VLSI Design Using Open Source EDA		29/07/2016	30/07/2016	8	0
2017	FDP on Application of Mathematics		30/06/2017	01/07/2017	1	0
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
Outcome Based Education and Blooms Taxonomy	2	04/07/2017	05/07/2017	2
"Industry Pollution Control" on account of "world environment day Connecting People to the Nature"	2	09/06/2017	10/06/2017	2
"Refrigeration and Air conditioning".	1	31/03/2017	01/04/2017	2
Industry Pollution Control	3	09/06/2017	10/06/2017	2
Emerging trends in science and technology	1	23/02/2017	24/02/2017	2
VLSI Design Using Open Source EDA	8	29/07/2016	30/07/2016	2
Do Engineering Labview	5	13/02/2017	17/02/2017	5
Blooms Taxonomy In the context of NBA Accreditation	1	17/03/2017	17/03/2017	1
Blooms Taxonomy In the context of NBA Accreditation	1	29/04/2017	29/04/2017	1
Hybrid and Electrical Vehicles A sustainable approach for transportation sector	1	22/02/2017	22/02/2017	1
Machines and Mechanisms: kinematics, dynamics, and computational tools	1	14/03/2017	15/03/2017	2

Tribology Frontiers in Design and Manufacturing	1	24/10/2016	25/10/2016	2
"Industry Pollution Control" on account of "world environment day Connecting People to the Nature"	1	09/06/2017	10/06/2017	2
Structured Approach in Engineering Education for Quality Enhancement	1	29/07/2016	30/07/2016	2
"Industry Pollution Control" on account of "world environment day Connecting People to the Nature"	1	09/06/2017	10/06/2017	2
Project to Product	90	07/07/2016	07/07/2016	1
Computational Fluid Dynamics using OpenFOAM - an open source CFD software	25	15/07/2016	16/07/2016	2
Pulsed Laser Deposition (PLD)	20	20/07/2016	20/07/2016	1
Goods Service Tax (GST), a landmark tax reform legislation	10	24/08/2016	24/08/2016	1
Satellite Remote Sensing Based Societal Applications on Web	20	27/08/2016	27/08/2016	1
Blended MOOCs	4	16/07/2016	16/07/2016	1
Innovative Approaches in Management	5	14/11/2016	19/11/2016	6

Teaching

No file uploaded.

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
18	18	4	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Maternity Leave Paid, Gratuity, PF, Insurance, Deputation for Higher Education, Quarters, Fee concessions for staffs wards in UG and PG course admission , In house emergency medical facility	Maternity Leave Paid, Gratuity, PF, ESI, Quarters, Uniform and allowances for support staff, Fee concessions for staffs wards and admission for staff wards, Inhouse emergency medical facility	Scholarships, In house Medical Facility

6.4 – Financial Management and Resource Mobilization

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

Planning and Budgetary Control are effectively monitored in the Institution. The Institution prepares the budget in accordance with the requirement of the departments. The Budget is presented before the Governing Council for approval. A transparent procedure is adopted by the accounts section of the Institution where each credit and debit is recorded. Major expenses like Salary and repayment of loan and interest are segregated and parked separately for timely repayment. Infrastructure and operating expenses are calculated as per the availability of funds. Financial audits are taken up by the chartered accountants at the end of each financial year. Last audit was done in the assessment year 20162017. No major audit remarks. Internal audit is done to check the cash book on regular basis

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
Bhandary Foundation	1000000	Projects grant
View File		

6.4.3 – Total corpus fund generated

3176545

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	AICTE/VTU	Yes	IQAC
Administrative	Yes	AICTE/VTU	Yes	IQAC

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

Every semester, Parents Teacher meeting is arranged to discuss about the development in the Institution • Discuss the activities performance of their wards and issues of respective tests • Carry out corrective actions as per the schedule and parents are also contacted during the emergency circumstances or medical issues of students

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

Training Programmes arranged for Support staff in the campus from External Agencies: ? "Sensitizing workers about safety and health measures to be adopted at workplace" ? Communication Behavioural skills ? Attitudinal behavioural skills and changing mindset ? Building Leadership qualities ? Fire Safety Measures

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

1. IQAC was formed and all the processes and practices were audited 2. Additional startups and industries were setup 3. Focussing on enhancing the industry connect enabling better internships and placements for students

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

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
2016	Sahyadri Science Talent Hunt	02/07/2016	12/11/2016	12/11/2016	2000
2016	Orientation program on personality development	02/07/2016	08/08/2016	08/08/2016	680
2017	Sahyadri WhizQuiz	10/12/2016	10/03/2017	10/03/2017	900
2016	Bridge Course	02/07/2016	04/07/2016	23/07/2016	144
2017	Union Budget Discussion	10/12/2016	07/02/2017	07/02/2017	175
2017	Workshop on how to choose specialisation	03/04/2017	28/04/2017	29/04/2017	175
2017	International study tour	03/04/2017	17/05/2017	21/05/2017	16

No file uploaded.

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
How can we make a better world for women	08/04/2017	08/04/2017	65	54

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
<p>Energy conservation • The Institution has gradually moved from normal light bulbs (least required wattage) to tube lights, slim lights, CFLs and LEDs. • The Institution has replaced the CRT by LCD monitors thus conserving energy to the extent required. • Implementation of Virtualization at both Server and Desktop level for computing facility. • Periodic maintenance of the UPS Batteries that has reduced frequent charging for effective utilization. • Planning to generate electrical power for captive use from solar energy. • Periodical equipment checking and monitoring is carried out to avoid excess power consumption. Use of renewable energy • Solid waste, food waste from canteen and hostels is being utilized for biogas generation and used as fuel in the canteen kitchen. Biomass, Grass, Leafy materials are composted and used as a bio manure in the campus. • Domestic waste water is treated and reused in the campus for gardening. • Electricity is conserved by using solar energy for hot water in the hostels. • Hot water using solar power for cleaning utensils in the canteen. • Street lights are installed at vulnerable points using solar panels.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	12
Ramp/Rails	Yes	12
Rest Rooms	Yes	15
Physical facilities	Yes	20

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	1	1	12/02/2017	1	Swacch Bharat Abhiyan	cleanliness awareness drive rally and painting the wall of Mangalore University College	600

No file uploaded.

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 Conduct and Rules	15/06/2016	The code of conduct are issued to every student as part of the admission process.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Success, Motivation Personality Development	08/08/2016	08/08/2016	350
Value Driven Leadership	19/08/2016	19/08/2016	70
Education for Self Reliance	07/09/2016	07/09/2016	304
Modern Youth StartUp for Rural India	10/02/2017	10/02/2017	120
Yoga Training Programme	28/02/2017	05/03/2017	30
Character Career	08/04/2017	08/04/2017	175
Right Vision, Right Life	17/05/2017	17/05/2017	120

No file uploaded.

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

Sahyadri has adopted different strategies to make the campus sustainable and environmental friendly. 1. Sahyadri has gradually moved from normal light bulbs to tube lights, slim lights, CFLs and LEDs. 2. The Institution has replaced the CRT by LCD monitors thus conserving energy to the extent required. 3. Periodic maintenance of the UPS Batteries that has reduced frequent charging for effective utilization. 4. Periodical equipment checking and monitoring is carried out to avoid excess power consumption. 5. Electricity is conserved by using solar energy for hot water in the hostels. 6. Hot water using solar power for cleaning utensils in the canteen. 7. Street lights are installed at vulnerable points using solar panels. 8. Rainwater harvesting in the campus. 9. Participations in Swachha Baharath programs 10. Plantation Sahyadri campus is spread over the banks of river Netravathi free from pollution and noise. 11. Sahyadri has been maintaining greenery with lawns, shrubs and trees for keeping carbon neutrality stable. Crotons, cacti and some varieties of flowering plants are grown as indoor plants. 12. Ewaste is managed properly by disposing them to the authorized vendors.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Making and maintaining the campus as a 'Green campus' with greenery, awareness programmes on renewable energy, waste management, environment pollution, Rain water harvesting in the campus, Solar lights, Participations in Swachha Baharath programs etc.. 2. Separate Faculties to teach First year

courses and are placed together separately in a common staff room for easy interactions and access. 3. A dedicated floor of space in the institution around 9000 sft for the Launch pads, Startups, Incubation centre, Industries etc. 4. Daily ebuzz mail giving the glimpses of the events of the day in the institution to all stake holders and regular Newsletter. 5. Conduction of Bridge Course before starting the academic session for the new entrant students. 6. A separate Handson laboratory facility to execute the Social innovative projects, especially for the first year students.

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

<https://sahyadri.edu.in/NewsMedia/download>

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 is providing an opportunity for the students to take up the societal problems and provide solutions. Sahyadri Center for Social Innovation (SCSI) is established to motivate the students in the area of Social Innovations thus providing hands on experience and practical exposure to solve socially relevant problems. • Handson Experience Lab: It is built on the lines of "Make in India" concept where students are encouraged to pursue their ideas and innovate continuously. In order to bridge the gap between theory and technology, the college has initiated this lab. It is a fullfledged 24X7 technical workspace. • Sahyadri believes that every student should have good practical knowledge and trained in an actual industry environment for the real time skill sets required for the industry. • In this direction Sahyadri has been taking several steps to give this learning environment and infrastructure in the campus. Several Launch pads and Startups have come up in the campus. Industries are also invited to start their operations in the campus. • The companies are providing the required training on the skill sets. • Students are encouraged to participate in Technical competitions held at Premier institutions of India like IITs and NITs and even abroad to give them the exposure of the academic environment of such Premier institutions and build their confidence of learning. They have won many accolades in such competitions.

Provide the weblink of the institution

www.sahyadri.edu.in

8.Future Plans of Actions for Next Academic Year

...• To train the faculty on the Outcome Based Education (OBE) • To apply for the Accreditation from NBA • To conduct a Mega Science Technology Conclave during January 2018 as a part of the Decennial celebration of the institute inviting Nobel Laureates and International renowned scientists industrialists. • To establish a Precision components manufacturing Machine shop unit. • To facilitate Industry based learning • To facilitate Research and Industry oriented Skill based programs. • To apply for higher financial grants for projects on frontier technologies.