SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

H. K. E. SOCIETY'S S. L. N. COLLEGE OF ENGINEERING

H. K. E. SOCIETY S S. L. N. COLLEGE OF ENGINEERING, YERAMARUS CAMP
584135
www.slnceraichur.com

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

H. K. E. Society's S. L. N. College is one among the 43 Institutions managed by Hyderabad Karnataka Education Society, Kalaburagi, Popularly known as H. K. E. Society, established in 1958 by the freedom fighter and educationist Sri. Mahadevappa Rampure, to cater to the needs of higher education, in the field of medicine, engineering, pharmacy, law, education, commerce, arts and science.

H. K. E. Society's S. L. N. College of Engineering was started in the year 1979 and is recognized by the Government of Karnataka as well as All India Council of Technical Education (AICTE), New Delhi and affiliated to the Visvesvaraya Technological University (VTU), Belagavi. Ours is the first Engineering College in Raichur district, which is serving socially and economically under-developed area since four decades. The College is located on a campus of 77 acres on NH-167, Hyderabad Road, Yermarus Camp, Raichur. The strength of the Institute is its teaching faculty; seventy five percent of staff posses teaching experience of 25 years or more. This fact is reflected in the University results and career opportunities enjoyed by our alumni. The personal care & student counselling off and on campus, make students feel at home and render themselves for complete personality development. Year Long Technical activities and Training programs augment student skills and refine their career competitiveness. Regular Industrial Visits with partial financial assistance from Institute is helping students to take up need based Project works.

It is a self financing institute, a non-profit service oriented, committed for the student's holistic and ethical development along with the technical enrichment of their skills.

SLNCE offers following Courses:

UG Courses:

1. Civil Engineering.
2. Mechanical Engineering.
3. Electronics and Communication Engineering.
4. Computer Science and Engineering.

PG Course:

1. MBA (Dual Specializations: Finance/Marketing/Human Resources).

Research:

1. PhD (Electronics and Communication Engineering)

Vision

Institute shall Impart Technical Education Par Excellence to excel as an institution of outstanding learning centre in technical education in shaping budding engineers as self driven individuals of high moral, motivated,

enthusiastic to deliver value based services.

Mission

Our mission is to educate the students professionally, with high standards, par excellence, to impart them technical & managerial skills of cutting edge technology.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. This is the first Engineering College in the district and enjoys good social acceptance.
2. The Institution has well experienced long standing staff members.
3. It has ICT enabled classrooms with excellent computing and internet facilities.
4. Online library resource is made available to students and staff through remote access.
5. The Institution has a registered and functional Alumni Association.
6. It is the only college in the district offering PG Course-MBA and Research Program in Engineering stream.
7. The insitute render Civil Consultancy services which is ISO certified
8. Increased girls strength indicates more healthy environment of the instituion.
9. The college student has secured First Place in the University Exams for four consecutive semesters.

Institutional Weakness

1. Industry institute interaction is active but mediocre.
2. Lack of exposure of students to the industry work culture due to less technically related industries in and around the city.
3. Funding of projects is feeble.
4. Lack of diversity among the staff members.
5. Staff with doctorates are minimum.

Institutional Opportunity

1. Students are encouraged for entrepreneurship.
2. Encouragement to faculties for upgrading their qualification.
3. Enhancement of research and consultancy services.
4. Improvement in revenue generation through industry and research projects.
5. Providing consultancy services with state of art technologies.
6. Keeping the staff in pace with the present pedagogy and research culture.
7. Getting accreditation as a mark of quality education.

Institutional Challenge

1. To combat reduced admissions due to increase in number of engineering colleges and decrease in demand for engineering stream.
2. To get sponsors for developmental programs for staff and students.
3. To inculcate research culture among students.
4. To balance expenditure and decreasing revenue.
5. Placements from core engineering related industries and unstable job market demands due to changing technology.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

With the motto "Lighted to Enlighten", the college takes utmost care for making the outcome of engineering education effective. The college is affiliated to Visveswaraya Technological University (VTU), it adheres to the syllabus framed by the affiliating body. In 2015 CBCS scheme was adopted, as per the curriculum of VTU. The college started the Outcome Based Education policies and techniques on a regular basis. Any modification suggested by the stake holders in the syllabus, in the form of feedback, is communicated to the university through the staff members participating in the syllabus revision/framing meetings. The college also supports special courses-value added courses to help the students in curricular aspects.

As per the directions of the VTU, in certain special cases parallel classes for year-back students of different schemes are conducted. The college also supports year-back students by allowing them to attend regular classes for certain subjects.

The college teachers are nominated in various bodies like BOE, BOS, Governing Body of other colleges and universities. To keep students upgraded with the fast paced life, the college encourages student's participation in workshops, project works, internships etc. for special learning experience. The institution strives to provide the students with the most updated technologies required in the industry and collects feedback regularly from the stakeholders.

Teaching-learning and Evaluation

H. K. E. Society's S. L. N. College of Engineering is affiliated to VTU, Belagavi and approved by AICTE, New Delhi. The college follows all the curricular activities and regulations as governed by them.

A 21 day Induction program is arranged for the first semester students in order to acquaint them about the campus rules and regulations, curriculum details, amenities available at campus and calendar of events of the upcoming semester.

The teachers pay special attention towards slow learners and conduct remedial classes. Fast learners are encouraged to attend workshops, seminars, conferences and other competitions. The mentors counsel the students regularly for stress and academic related issues.

Our college has experienced teachers who make use of modern teaching aids to deliver interactive lectures and

demonstrate topics through PPTs and other media. College makes use of an ERP named *Campus Technology* and *Posto* Mobile App as a part of the LMS.

The process of conduction of internal assessment (IA) tests is carried out in a fair manner. IA question papers are framed by following Revised Blooms Taxonomy(RBT). The institution has a dedicated section that works for examination related tasks. Any discrepancies found in the exam related issues are reported to the respective department member from the examination committee.

The institution follows the Programme Outcomes (PO's), Programme Specific Outcomes (PSO's) and Course Outcomes (CO's) as stated by the university. The college displays them at prominent places in college. The faculties create awareness about PO's and PSO's during Induction Program. The CO's are communicated to students by respective faculties during the commencement of the semester. The CO's are maintained in the course file and they form the basis for attaining PO's and PSO's. PO's and CO's are assessed by the institution regularly. The attainment levels are suggested by the IQAC and are analyzed at the end of the semester.

The IQAC keeps track of all the academic activities. Results of the students are analyzed and accordingly feedback is taken from stakeholders by the IQAC. Suitable action is taken for improving the results.

Research, Innovations and Extension

The institution is self-financed and runs on a non-profit service oriented basis. Hence the financing of students projects is done by external funding agencies. Students are encouraged to take up hobby-projects and present them in various project exhibitions and expos. These projects are guided by the research scholars and professors in the college. Though very few members are officially recognised as guides for research, yet a large number of staff members take part in projects. Innovative teaching techniques like self learning, hobby-project based learning, short scheduled workshops for non-curricular topics, ICT based teaching, and online learning resources etc. are used. Some of the staff members have published research papers and books.

The college takes special care in planning and execution of NSS activities in and out of the campus. The NSS unit plans for at least one activity in a fortnight. Most of the activities are conducted as outreach programs. The students from different levels/semesters are selected based on type of the activity and the area in which it is being conducted. The unit has gained huge appreciation in and around the city from the local and government bodies. These activities are carried out in order to inculcate a sense of responsibility towards the society and nation.

Since the college is situated in remote and backward area of the state with not-so-pleasant climate, it is difficult to have collaborative activities. Yet the college has been successful in getting contacts and communication with some of the industries and organisations which have supported the college's technical growth.

Student internships and trainings are done mainly through MoUs.

Infrastructure and Learning Resources

The institution has adequate infrastructure for students support, academic as well as co-curricular activities. The institution has a playground for outdoor games and a separate space for indoor games. Indoor games facility is

provided in hostels. Apart from sports the institution also supports yoga practice in each of the hostels. A gym is also established in boys' hostel.

All the regular classrooms are ICT enabled. Tutorial classrooms are also provided with portable projectors. The college updates all the computing facilities regularly.

The institution has a central library with different sections of books made available to the students. The special feature of our library is its "Book Bank Scheme", in which a students can procure any specific book of his/her choice on nominal charge for the entire semester. Online resources are made available to the scholars and the students.

The institution spends more on maintenance of the infrastructure than on infrastructure augmentation, as it is a four decade old college. Maintenance of the infrastructure and other facilities is done on a decentralised basis. Department maintenance is controlled by the heads of the respective departments. General maintenance is looked after by the office and administration sections. Software and hardware maintenance is looked after by the technical supporting staff.

The college has generators and inverters for power backup. Power back up facility is also provided in the hostels for student's convenience.

Student Support and Progression

The institution strives to provide quality education to the students within their budget. The college guides and supports the students of various categories about the scholarships that they are eligible for. Some of the student's fee is waved off based on various criteria. The college has taken keen interest in maintaining ambience at peace by setting up an active grievance cell for all the stakeholders. Statutory committees like anti-sexual harassment, anti-ragging and CICC also meet on a regular basis to avoid any inconvenience to the students.

Personal care is taken in mentoring to know the students interest in-placement, higher education and entrepreneurship. Accordingly the students are guided towards their goal.

As the college is situated in the backward area of Karnataka and has large number of girl students studying in it, the staffs here take utmost care in promoting them to higher education and students are encouraged for entrepreneurship.

The institution understands not only academic but sports and cultural activities are also equally important for the overall development of student. Hence the institution promotes students for participation in other colleges and organisations. The institution organises at least one sports tournament and one cultural fest every year. The institution is proud to have sports persons from our college who have played in Ranaji matches and singers who have been selected in singing reality shows.

The Alumni Association of the college serves as one of the strongest support in the developmental activities of the college. Though the body is officially registered in the year 2017, the association is active since a long time. Alumni of the college serve the college in various ways.

Governance, Leadership and Management

The college, as already described, is situated in remote area. Hence the vision of the college is to produce engineers on par with other reputed institutions. The college updates its goals and accomplishments, so as to keep the institution abreast with the current trends. The institution has a well established IQAC that takes care of developmental activities of the college.

The college has accomplished long term and short term goals since its establishment and the same is continued by the IQAC after its formation in 2017. After the constitution of IQAC, the body is modified twice with change in its management representative and teaching staff member. The IQAC has taken measures to ensure the deployment of most of the short term goals and the accomplished goals are set with new goals. The long term goals, are yet to be accomplished to their fullest.

The college facilitates its staff members with various facilities, as it believes that the educator's quality will reflect the student's quality. Hence the college takes care in keeping the staff updated with technical knowledge and support their intellectual growth. This in turn improves the student's quality.

The college currently is facing diminishing admissions. Hence there is a lack of funds. But with support of the management, the funds are being managed. One of the student's father has proudly donated an amount to the toppers of all branches in the memory of his Late son who was studying in our institution.

IQAC is planning for developmental activities in the college. The measures are strategically classified into different levels. As a first level the college has seen basic developmental activities in academics, as a second level, an improvement in the quality of education is going on. As a part of this measure, the accreditation is being carried out.

Institutional Values and Best Practices

The college provides facilities for students and staff of different aspects. The girl students and ladies staff of the college are provided with gender based facilities like common rooms, security through CCTV surveillance etc. Facilities for Specially Abled staff and students are also made available in the campus, though there are no such students in the campus as on today. One of the classrooms is provided with ramp for facilitating a special staff member of the college, who is considered as an asset to the college. Battery powered vehicles are also made available for the staff member. The collage has an open well as a natural water resource. The institution has widespread landscaping of trees and plants that are well maintained despite of hot and dry climate. The college is honoured "Outstanding performance in green landscaping" by an NGO.

As per the core values of the institution, the students are educated not only technically but also ethically with moral and human values and enivronment awareness as certain subjects are incorporated in the curriculum. And aditional activities are conducted by NSS. The college celebrates all the national festivals to inculcate nationalism in the students.

Apart from regular chalk and talk teaching methods, the faculties indulge the students in various learning activities. "Buddy Bits" and "Techno-Cultural Fests" are best practices of the institution.

Display of ethical quotes in the college premises has served as a supportive strength in the moral and technical growth of the students.

The college is proud of its performance as it has given an educational platform to many of the minority community girls and helped them to outgrow. It has given its best efforts in planting trees in and around the campus and contributed towards the environmental growth.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	H. K. E. SOCIETY'S S. L. N. COLLEGE OF ENGINEERING
Address	H. K. E. Society s S. L. N. College of Engineering, Yeramarus Camp
City	RAICHUR
State	Karnataka
Pin	584135
Website	www.slnceraichur.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	R. BASAWA RAJA	08532-251033	9448133404	08532-251336	principalslnenggcr@hkes.edu.in
IQAC / CIQA coordinator	Smita C. Chetti	08532-251048	9448008370	-	smita.chetti@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of establishment of the college	18-09-1979

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	**University name**	**Document**
Karnataka	Visvesvaraya Technological University	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/App roval details Inst itution/Departme nt programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
AICTE	View Document	29-04-2019	12	Annual Approval

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes autonomydoc_1583298616.pdf
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	H. K. E. Society s S. L. N. College of Engineering, Yeramarus Camp	Urban	77.04	12725

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Mechanical Engineering	48	PUC Second Year	English	60	9
UG	BE,Electronics And Communication Engineering	48	PUC Second Year	English	60	15
UG	BE,Computer Science And Engineering	48	PUC Second Year	English	60	56
UG	BE,Civil Engineering	48	PUC Second Year	English	60	40
PG	MBA,Master Of Business Administration	24	Any Degree	English	60	19
Doctoral (Ph.D)	PhD or DPhil,Electronics And Communication Engineering	36	PG	English	14	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				5				9				48
Recruited	3	0	0	3	8	1	0	9	29	19	0	48
Yet to Recruit				2				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				36
Recruited	29	7	0	36
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	23	1	0	24
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	3	0	0	2	2	0	10
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	5	1	0	27	17	0	50

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

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	5	0	0	5

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	317	0	0	0	317
	Female	293	0	0	0	293
	Others	0	0	0	0	0
PG	Male	15	0	0	0	15
	Female	28	0	0	0	28
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	47	50	57	50
	Female	54	53	48	46
	Others	0	0	0	0
ST	Male	19	19	19	21
	Female	9	11	15	12
	Others	0	0	0	0
OBC	Male	250	248	304	327
	Female	239	255	267	275
	Others	0	0	0	0
General	Male	13	24	24	43
	Female	44	48	50	46
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		675	708	784	820

3. Extended Profile

3.1 Program

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

2018-19	2017-18	2016-17	2015-16	2014-15
291	308	238	238	247

File Description	Document
Institutional data prescribed format	View Document

Number of programs offered year-wise for last five years?

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	6	6

3.2 Students

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
675	708	784	820	938

File Description	Document
Institutional data in prescribed format	View Document

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

2018-19	2017-18	2016-17	2015-16	2014-15
84	83	83	94	94

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
155	220	210	238	241

File Description	Document
Institutional data in prescribed format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
56	56	61	49	56

File Description	Document
Institutional data in prescribed format	View Document

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
54	57	59	54	60

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 21

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

2018-19	2017-18	2016-17	2015-16	2014-15
118.72	173.65	110.97	89.92	116.83

Number of Computers

Response: 248

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

The institution is approved by All India Council for Technical Education (AICTE) and affiliated to Visvesvaraya Technological University (VTU), Belagavi. Hence the institution follows all the rules and regulations framed by AICTE and VTU. Faculty take part in review of the subjects as and when the syllabus is revised. Accordingly subjects are allotted to the faculty for the upcoming semester.

Books are procured for the upcoming semester based on the recommendations from staff as per the revised curriculum. A calendar of events is prepared at college and department level. The faculty then start with lesson planning. Lab equipments are checked and serviced during the semester end holidays along with laboratory manual preparation. The academic council of each department conducts a meeting prior to commencement of the semester to decide time-table, workload of staff members, classroom allotment and other requirements for the upcoming semester. CO-PO mapping is done and submitted to the IQAC of the college in the beginning of the semester. The IQAC assigns predefined course outcome target for each subject, which is then compared with the results of Continuous Internal Evaluation (CIE) and Semester End Exam (SEE).

Student feedback is collected during the semester in written format. Appropriate actions are initiated according to the feedback given by the students, after being discussed in the departmental meetings. The action taken is sent to the IQAC for information. Feedback on curriculum is collected from different stakeholders as well as the students of the institution, directly by the IQAC for further analysis.

Curriculum related documents are maintained by respective departments. The Faculty maintain a "Course File" for each semester that comprises of all necessary academic related documents like-timetable, lesson plan, syllabus, student attendance, remedial class details, CIE-question papers, scheme of evaluation, marks list etc.. Laboratory manuals and attendances are maintained in the labs by respective lab in-charge. Also each lab is displayed with syllabus, batch details and major equipment details. At department level, HODs maintain a consolidated list of all the student's CIE marks, so that slow learners can be identified and trained well with extra efforts. The HODs of respective departments check the attendance and syllabus coverage regularly. The Principal of the college also checks the information regularly and gives suggestions as and when required.

After SEE results are analysed for performance of students in each and every subject, by the individual staff. Then a department level result analysis is carried out and discussed in the department meetings. Results are consolidated for college level and university result sheets are maintained in the examination section. Session audits are also planned and conducted.

File Description	Document
Upload Additional information	[View Document](#)

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

An academic calendar is prepared before the commencement of every semester which contains the schedules for the Continuous Internal Evaluation for all the programs and courses run by the college. The CIE tests are scheduled as per the university norms. First CIE test is scheduled after six week, second CIE test after ten weeks and the third after fourteen weeks of commencement of the semester.

On an average, CIE test for two subjects per day is scheduled, with sufficient time gap. The CIE tests are written in the booklets which are provided by the college. After the test the booklets are collected by the faculty for evaluation. The distribution and collection of booklets, and the invigilation duties along with the scheduling of CIE tests is done by the examination committee members. The planning of CIE is done as a central task but executed independently by respective departments.

The question papers are set by the faculty keeping in view the syllabus coverage for all the three CIE tests. The faculty prepare scheme of valuation accordingly. This scheme is communicated to the students after the completion of the test. If discrepancy is found in the valuation, then the student is free to approach the faculty or mentor or can also put the issue in grievance cell.

The CIE scores are intimated to the students along with their performance details regularly. The students are called by the faculties and informed about their mistakes and errors for their poor performance in the tests. The students are guided for their improvement in future tests and examination. The scores of all the students are consolidated and maintained in respective departments for the reference by mentors and HODs. This is also reviewed during departmental meetings.

The institution adheres to the scheduled CIE tests. Only during unavoidable circumstances, the tests are rescheduled to the next working day after the completion of respective CIE test.

At present three schemes are running in the campus-2015 scheme, 2017 scheme and 2018 scheme. As per the 2015 scheme the scores of best two performances in the tests is considered and average is calculated. This score is then added to the assignments score to give final internal assessment score. The score pattern followed is 80:20.

For 2017 and 2018 scheme, all three CIE tests are mandatory. The average score of all the tests is considered and added with the assignment marks which give final total CIE score of the candidate. Both 2017 scheme and 2018 scheme are based on 60:40 pattern.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. **Academic council/BoS of Affiliating university**
2. **Setting of question papers for UG/PG programs**
3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
4. **Assessment /evaluation process of the affiliating University**

E. None of the above

D. Any 1 of the above

C. Any 2 of the above

B. Any 3 of the above

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 5

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

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 6

1.2.2.1 **How many Add on /Certificate programs are added within the last 5 years.**

2018-19	2017-18	2016-17	2015-16	2014-15
3	2	1	0	0

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document

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

Response: 14.21

1.2.3.1 **Number of students enrolled in value added courses (beyond the curriculum) offered year-wise during last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
232	183	85	0	0

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

1.3 Curriculum Enrichment

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

Response:

Courses on Gender-

As such the institution does not have any course related to gender, but the institution does celebrate Women's Day and conducts gender sensitization programs in order to sensitize the students in this regard. Basic amenities are provided to the girl students and ladies staff members of the college.

Courses on Environment and Sustainability-

The Institution adheres and follows the syllabus prescribed by VTU. Courses such as "Environmental Studies" are included as mandatory subjects during the first year. This is also based on AICTE mandatory guidelines.

Especially the students of Civil Engineering program, study courses related to environment protection and consciousness like "Air pollution", "Environmental Engineering-1", "Environmental Engineering-2", "Environmental Impact Assessment", "Irrigation Engineering" and "Soil Mechanics".

The college celebrates World Environment Day every year.

Courses on Human values and Professional ethics-

The institution conducts "Constitution of India and Professional Ethics" as a mandatory course during first/third semester. Apart from this, the institution also trains the students on human values during induction training and personality development programs. Ethical values are taught to the students in placement and training programs. Students and staff are also trained for ethical values by IPR cell through IPR related seminars and workshops. Programs on cyber crime and its awareness are conducted to make the students acquainted to the present cyber world and about safety aspects.

Subjects in MBA program includes "Work place ethics" and "Public Relations" which are based on topics related to human values, ethical behaviour, professionalism, public behaviour and relationship. These courses help to change the student's attitude in public and in person.

The institution also organises various activities in order to sensitise the students to gender and environment related issues. World Forest Day is organised by NSS in association with NGOs and other organisations for inculcating consciousness about the environment.

File Description	Document
Any additional information	[View Document](#)

1.3.2 Average percentage of courses that include experiential learning through project work/field

work/internship during last five years

Response: 41.86

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
124	109	122	97	97

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document](#)

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 29.93

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 202

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document](#)
Any additional information	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*
E. None of the above

D. Any 1 of the above

C. Any 2 of the above

B. Any 3 of the above

Response: A. All of the above

File Description	Document
Any additional information (Upload)	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback process of the Institution may be classified as follows: Options:

    1.Feedback collected, analysed and action taken and feedback available on website
    2.Feedback collected, analysed and action has been taken
    3.Feedback collected and analysed
    4.Feedback collected
    5. Feedback not collected

E. Feedback not collected

D. Feedback collected

C. Feedback collected and analysed

B. Feedback collected, analysed and action has been taken

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

File Description	Document
Upload any additional information	[View Document](#)
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 67.37

2.1.1.1 **Number of students admitted year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
216	210	255	268	319

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
360	360	360	398	397

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

2.1.2 Average percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 94.02

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

2018-19	2017-18	2016-17	2015-16	2014-15
72	78	83	94	85

File Description	Document
Average percentage of seats filled against seats reserved	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Karnataka Common Entrance Test cell (K-CET) admits students to first year B.E. through single window system based on their PUC scores and KCET performance. Karnataka Post Graduation Common Entrance Test cell (K-PGCET) admits students to first year MBA through single window counselling based on Post Graduate Common Entrance Test.

Once the student gets admitted to our institution, the first year coordinator will brief them about the curriculum process. A 21 day Induction program is arranged for the first semester students in order to acquaint them about the campus rules and regulations, curriculum details, amenities available at campus and calendar of events for the upcoming semester.

Initially students will not be categorized based upon their previous examination marks. Later with the attention of subject teacher and performance in their first internal assessment, students will be categorized into slow learners and fast learners.

Issues or problems associated with slow learners will be discussed by concerned subject teacher, which in turn help them to improve and perform better in their upcoming internal assessments. The slow learners are facilitated with remedial classes for extra exercises. The students are given special attention in the classes by the teacher as well as the mentor. The performance of the student is communicated to their parents for parental advice.

Fast learners will be identified through their performance in examinations. They are motivated by the subject faculty, mentor, head of the department and the principal, to perform better in the University examinations. They are encouraged in their field of interest so that they can go for securing university rank. Also they are encouraged to attend various workshops, seminars, symposia, conferences and other inter and intra-college competitions. Students are supported with financial assistance in attending above said programs.

All the students are provided with question bank and Assignment bank in order to enhance their learning ability. The study material provided assists the slow learners in better understanding of the subject, and it helps the fast learners in developing innovations. Value added courses are conducted for the students to improve their basic technical skills.

The institution supports the curricular growth of the students as well as supports co-curricular activities. The mentors identify the special feature or talent in every student and uplift the same.

File Description	Document
Upload any additional information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 12.05

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

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

Response:

The college is affiliated to Visvesvaraya Technological University (VTU), Belagavi and hence all the curricular activities are guided by VTU. Various theory subjects are supported with laboratory learning in the curriculum. Some of the theoretical subjects are well explained by the faculties by conducting related events and experiments.

Different teaching techniques are adopted to ease the learning of difficult subjects. Small scale events like coding competition, circuit designing competition, machine maintenance competition, building drawing competition etc. are organised regularly at departmental levels to generate interest of the students in curriculum.

As a part of the curriculum, pre-final year and final year students are deputed to various industries to study and cope up with the present state of art manufacturing. For the civil engineering students we recommend the internships in the public works department to know the various aspects of projects like identifying, estimating and costing, execution of the same. For ECE and CSE students start ups and other software industries are selected to train them in their domain. The students of management studies are sent to nearby industries in mastering managerial skills in finance, maintenance, marketing etc.

The institution regularly conducts workshops for students, both curricular and non-curricular, in order to improve their technical and designing skills. Based on their skills the students are guided for improvement in their domain. Activities like industrial visits, survey camps, hobby-projects, quizzes are also a part of it.

Usage of ICT tools by the faculty supports the student's for grasping of subjects and in problem solving techniques. Collaborative learning strategies are used to support problem solving methodologies especially for slow learners. Video lectures and LMS are used by the faculty to support the students. Faculty facilitate the students by giving tricks and techniques to make the learning easy. Group discussions and guest lectures are also arranged for certain subjects.

Once in an academic year, a technical fest is organised in the institution for all the students. Activities like quiz, photography, questioning etc. are held. Institution supports student participation in events conducted by other institutions in and around the region.

Library facilities like online journals, online learning resources and books are made available to the students for remote access. The library has book-bank facility for the students which facilitate provision of books for entire semester with nominal refundable deposit charges, for enhancing the students learning ability.

File Description	Document
Upload any additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Apart from regular chalk-and- talk, all the teachers across departments make use of DLP (Digital Light Processing) projectors to deliver interactive lectures and demonstrate topics through animations, PPTs and lecture contents. The teachers use multimedia to modify the contents of the course material. It helps them to present the subject in a more meaningful way, using different media elements.

College is making use of an ERP(Enterprise Resource Planning) named *Campus Technology* and *Posto App* as a part of the Learning Management System (LMS). The portal acting as the repository for LMS helps teachers to create their own profile and provides space for uploading e-resources of the courses handled by them. It includes lecture notes, PPT's, Video lectures, Multiple Choice Question's (MCQ's) and quizzes. It provides facility for teachers to create their own MCQ's and Quizzes. Teachers use this ERP not only to share the e-resources but also to make the learning more interesting through MCQ tests and quizzes.

CO-PO mapping and attainment is also followed on the same portal. This helps the communication and tracking of the teachers as well as student's performance.

At the same time this portal also helps students to create their own profile and to download e–resources like lecture notes, PPT's, Video lectures available in the portal. Student can also take up course wise MCQ's and quizzes. Students can attend online courses via this portal.

Though the major teaching job is supported by chalk and talk, but most of the teachers use power point presentations for teaching. Teachers use videos and online demonstrations of the subjects. Teachers also use virtual labs for clear understanding of subjects.

Not only for theory subjects, ICT facility is also used for laboratory works. Projectors are used in laboratories for instructions and demonstration of experiments, especially in computing laboratories.

The teachers teach usage of ICT facilities and also train the students on such facilities. Teachers make the students arrange the ICT material for the class, so that the students learn the technology and its advantages

which help them in preparing their presentations in future. As a part of the activity given to students, they are asked to prepare various documents and study material using ICT techniques.

The college not only believes in using ICT techniques for teaching, but also teach the students about these techniques to keep them in pace with the present world. Though a formal course is not taught on ICT, but small incremental attempts are being made in the field of implementation, usage and teaching of ICT.

File Description	Document
Upload any additional information	[View Document](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View Document](#)

2.3.3 Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

Response: 12.27

2.3.3.1 Number of mentors

Response: 55

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

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

Response: 97.88

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality /

D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 10.84

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	6	6	6

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 15.7

2.4.3.1 **Total experience of full-time teachers**

Response: 879

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

As per VTU norms, each affiliated college has to conduct three Internal Assessment (IA) tests related to theory and one or two practical assessment tests every semester.

CIE will be finalised based on following criteria's:

1. IA Tests
2. Assignments

1. IA Tests:

The respective department through test coordinators will take care of scheduling subject-wise time table, allotment of faculty invigilators, student seating arrangements, setting and printing of question papers with scheme of evaluation and blue books assessment.

For laboratory subjects, continuous evaluation procedure is followed with fair distribution of marks for conduction, write up, viva-voce and practical record book.

The students can verify their blue book and in case of any discrepancy he/she can discuss the same with concerned faculty.

The faculty will make an entry of IA marks in department ledger and in their personal attendance register as well for reference. In case a student remains absent for internal test due to medical or emergency grounds, an additional IA test will be conducted for such students with the permission of higher officials.

2. Assignments:

Some part of the CIE is based upon student assignments submission. Assignments can be subjective or case studies. Each student has to take up three assignments per subject in every semester. A separate book (Yellow book) is issued to write the assignments. The same on submission is evaluated by the concerned staff and the marks are recorded. At the end of semester average marks of all three assignments is calculated and entered in their respective registers.

At the end of semester, the finalised average IA marks along with assignment marks is uploaded in university portal. The formats for setting question paper and scheme of valuation is circulated by IQAC.

The process of conduction and assessment of IA tests is carried out in a fair manner. The IA marks scored by the student are based on his/her performance in the tests. IA question papers are set by following Revised Blooms Taxonomy with adaptation of all levels like low, medium and high thinking questions.

Schedule for conduction of IA tests is decided at the beginning of every semester and are conducted accordingly. The faculty strictly follow IQAC circulated pattern for setting question paper and scheme of valuation.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The institution makes its best efforts by guiding the students from the very first day in the college, about the examination and grading pattern of the affiliating university. The students are given clear instruction about the internal assessments (Continuous Internal Evaluation) in theory and practical subjects.

The institution has a committee that takes care of the examination related issues. A separate section/department in the college works for examination related tasks. The committee comprises of one member from each department. The members take care of all the important matters relating to examinations, like-display of examination schedule, application related important dates, filling of exam application by the students, listing the students who have not applied for the exam and communicating them about the last dates, hall ticket generation and distribution.

Any discrepancy found in the above said tasks is first reported to the department member from the examination committee. The member tries to resolve it in his/her capacity. If it remains unresolved, then the issue is reported to the main coordinator through the head of the department. All the issues, minor and major, are brought to the notice of the heads of the departments and then resolved.

Issues related to fees, wrong entry of student details, fine, change of name etc. are communicated to the head of the institution for further decision and action.

The issues which do not come under the college control are reported to the university through principal. All the documentation of such discrepancies and issues is communicated to respective authorities through email.

The issues are bound to be solved within stipulated time as it affects the student's examinations. Till date, all the grievances that are sorted and solved are done within stipulated time.

Every effort is made to rectify any mistake or correction required in respect of examinations. Hence the examination section and the related tasks are given highest priority in the college, in order to make the complete examination system work efficiently.

During the examinations, the students are guided about the rules and regulations to be followed in and around the examination hall. Any student violating the rules is warned at first, and then the issue is reported to higher authority if the student continues to do the same. Suitable action is taken only after consulting the student's mentor, related faculty, head of the department and head of the institution.

The institution takes utmost care in satisfying the student's requirements as per the norms of the university.

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

As syllabus is framed by the affiliating university, the Programme Outcomes (PO's), Programme Specific

Outcomes (PSO's) and Course Outcomes (CO's) are also defined and well stated by the university in the syllabus.

Vision, Mission, Core Values, Programme Educational Objectives (PEO's), Programme Outcomes (PO's) and Programme Specific Outcomes (PSO's) are displayed on institution website. They are also displayed at prominent places in college premises. The CO's are communicated by teachers to the students through website, question papers and in classes. In the beginning of every semester, the faculty briefs about their respective course objectives and course outcomes to students.

The faculty create awareness about Programme Outcomes (PO's) and Programme Specific Outcomes (PSO's) during the beginning of the program, as a part of the Induction Program. The Course Outcomes (CO's) are communicated to students by respective faculties during the commencement of the semester. The same is discussed regularly in the class after completion of related topics in the course.

The CO's are discussed in the academic councils and department meetings after the revision of syllabus and scheme, by the university. The head of the department discusses them with the novice faculty of the departments and guides them about their importance and purpose. All the faculty are advised to communicate revised CO's to the students in the very first class of the semester beginning.

After the completion of the syllabus, part by part, the CO's are made clear to the students. This is done on a regular basis to boost the students understanding and confidence in the subject.

The Course Outcomes (CO's) are maintained in the course file and form the basis for attaining Programme Outcomes (PO's), Programme Specific Outcomes (PSO's). The same is communicated to all the stakeholders during feedback process faculty and through website. A regular update of all CO's is done on the website.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Programme Outcomes (PO's) and Course Outcomes (CO's) are attained and assessed by the institution on regular basis. The following process is used for assessment and attainment of Programme outcomes (PO's), Programme Specific Outcomes (PSO's) and Course Outcomes (CO's).

The attainment levels for courses are set by the subject teacher based on complexity of the subject. The assessments are evaluated by the subject faculty In-charge and the same is maintained in the course file. The attainment includes direct and indirect methods.

The assessment and attainment process for calculating CO-PO-PSO attainment is based on the following points:

1. CO-PO-PSO mapping table is prepared by subject faculty. The correlation of the CO, PO and the PSO is tabulated in a scale of 1 to 3 where 3- High 2- Medium 1-Low
2. Direct Attainment: The assessment of the CO's and PO's is started by tabulating the marks obtained by the student in every IA test.
3. Subject faculty sets a threshold competency, based on which total number of students above the threshold value is calculated.
4. Each course has different target and attainment levels which are set by the respective subject faculty.
5. Setting the three attainment levels will help to determine the extent of attainment of each course outcome against the set target.
6. The attainment is measured in terms of actual percentage of students getting the set percentage of marks or more.
7. Appropriate action is taken to improve the weaker section so that there is continuous improvement in the attainment level.
8. Indirect attainment is computed based on course feedback survey, quiz or through activities.
9. a. Course Outcome Attainment for 60:40 pattern => *0.6*AL in University Exam + 0.4*AL in Internal Assessment*

   b. Course Outcome Attainment for 80:20 pattern => *0.8*AL in University Exam + 0.2*AL in Internal Assessment*

   Where AL= Attainment Level.

   10. The final attainment of POs and PSOs are computed using the relation=> *Final Attainment = 0.8 * Direct Attainment + 0.2*Indirect Attainment.*

File Description	Document
Upload any additional information	[View Document](#)

2.6.3 Average pass percentage of Students during last five years

Response: 85.4

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
148	183	177	188	205

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
155	220	210	238	241

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View Document](#)
Upload any additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all currently enrolled students (Data Template)	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 0.85

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
0.4	0.45	0	0	0

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 5.36

3.1.2.1 **Number of teachers recognized as research guides**

Response: 3

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 29.63

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	0	0	0

3.1.3.2 **Number of departments offering academic programes**

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	6	6

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Paste link to funding agency website	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The institution has very less scope for providing the students with industry exposure as it is located in a remote place of northern parts of Karnataka. Though the area is a district place, but not many industries or placement options are available for the students in and around the city. Hence the institution relies on promoting the students innovations at the campus by organizing various events.

Project exhibitions are organized regularly for promoting students innovative attempts in technical field. All the college students are invited for the exhibition. This supports in sharing of technical knowledge among the students. These programs are telecasted on local channels.

All classrooms are ICT enabled for innovative learning. Clips, photographs and models are used as teaching aids. Also a separate e-shikshana Kendra (Online learning centre) is established for the benefit of the students. The institution also extends the liability for faculty from both outside and in campus. Multi-media lecture material such as NPTEL material, lecture videos, PPTs are shared on a regular basis through the ERP software.

Value added courses are conducted for training the students on non-curricular topics. Guest lectures are conducted regularly by eminent speakers. The college faculty have also delivered lectures in other institutions and organizations.

Civil engineering department offers consultancy services.

The institution has an innovation cell that takes care of supporting the student's innovative activities and organizing events for providing a platform to exhibit their technical talent. The innovation cell along with Training and Placement cell conducts activities and lectures on start-up implementations.

Innovative teaching-learning techniques such as quiz, coding contests, designing competitions, chart preparation etc, are adopted in the institution for the benefit of the students.

File Description	Document
Upload any additional information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 0

3.2.2.1 **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
List of workshops/seminars during last 5 years	[View Document](#)

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 1.2

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

Response: 6

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 5

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<u>View Document</u>
Any additional information	<u>View Document</u>
URL to the research page on HEI website	<u>View Document</u>

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

Response: 0.18

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
4	2	0	2	2

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

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

Response: 0.14

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

2018-19	2017-18	2016-17	2015-16	2014-15
4	2	1	1	0

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

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The institute plans and organizes five to eight extension activities every semester for the students which include Swachh Bharat Mission, Blood Donation Camps, Awareness Programs etc. The activities are planned in such a way that the students are made aware about the societal rules and behaviour. Some of the extension activities are planned in collaboration with organisations like Nehru Yuva Kendra, Forest Department, Lions Club, NGOs, Administrative officers of the district etc. Government and Non-government organisations have appreciated and awarded the institute for its contribution towards the society.

The institution organises in-house NSS activities for nurturing the young minds towards social behaviour and awareness. The NSS unit also conducts extension programs which can be classified into three main categories- service oriented, environment awareness and societal empowerment programs. The activities like Blood Donation Camp, AIDS awareness program, visit to orphanage, Election awareness rally, cyber crime awareness etc. are categorized as service oriented programs. Another category of programs conducted by the NSS unit is about environmental consciousness, which include Swachh Bharat Mission, environmental awareness program, tree plantation programs etc. Societal empowerment programs like Women empowerment programs, self defence training for girls, entrepreneurial development activities, programs at blinds school, etc., are also conducted regularly.

Awareness programs aid in sensitizing the students in social aspects and holistic developments. Environment awareness and empowerment programs create an impact on the students about the ambience in which they are being nurtured.

The institute takes utmost care in organizing these activities and monitoring the effects in student behaviour by taking an oral feedback from the students after the events. These feedbacks are collected from the NSS committee members from each department and are communicated to the college NSS Coordinator.

The institute has adopted a village called "Neelgal" of Devadurga Taluk, Raichur District and conducted programs namely Education Awareness, Sanitation Awareness, Swachh Bharat Mission, Child Protection programs and Tree Plantation. The college staff participated in de-silting of the village pond which was buried for years and also plantation of more than 630 saplings was undertaken.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response: 3

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

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	1	0	0

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)
e-copy of the award letters	[View Document](#)

3.4.3 Number of extension and outreached Programmes conducted by the institution through NSS/ NCC/ Red Cross/ YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc.) and / or those organised in collaboration with industry, community and NGOs during the last five years.

Response: 64

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
18	12	13	10	11

File Description	Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)
Any additional information	[View Document](#)

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 30.61

3.4.4.1 **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
202	246	238	142	382

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document](#)
Any additional information	[View Document](#)

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 78

3.5.1.1 **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
34	38	1	2	3

File Description	Document
e-copies of related Document	[View Document](#)
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	[View Document](#)
Any additional information	[View Document](#)

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 56

3.5.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
18	13	13	8	4

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	[View Document](#)
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The vision of the college is to constantly improve the students learning environment by providing them with the infrastructure accordance with the norms of AICTE and VTU.

The college also ensures that the development and maintenance of the facilities are adequate to meet the needs of the institution's growing curricular and co-curricular activities. The campus is eco friendly and is widely spread. The institution has state of the art facility for teaching-learning process which includes -

A: Class rooms

The institution has 19 Classrooms for an intake of 240 UG Students and 60 PG Students, out of which 15 classrooms are ICT enabled with fixed projectors and 4 classrooms have a portable projector with WiFi coverage. 7 classrooms are located on ground floor and 12 classrooms on first floor.

B: Tutorial Rooms

The institution has three rooms reserved for conduction of tutorial and remedial classes. The three rooms are also utilized for conduction of small activities like group discussion, counselling, mentoring etc.

C: Laboratories

The institute has 36 well established laboratories. The students are guided by experienced teaching and technical supporting staff. Computing laboratories have high-end computers with licensed software. Each department also has project work facility for students.

D: Research Centre

The institution has university recognized Research Centre in the Department of Electronics and Communication Engineering which is equipped with 20 computing systems and legal softwares like LABVIEW, Xilinx and MATLAB. The research cell promotes research and innovation among the faculties and students.

E: e-Shikshana Kendra

The institution has a well established e-learning platform "e-Shikshana Kendra"; which is an advanced multi-modal, multi-platform and collaborative e-learning platform. It allows the students to interact with course experts.

F: Seminar Hall

The institute has two well furnished and ICT enabled seminar halls to conduct guest lectures, seminars, workshops and training programs. The seminar hall is air conditioned with multimedia utilities.

G: Computing facilities

The college has 248 Computing systems out of which 235 have latest configuration. All the systems are LAN connected. The campus has 10Mbps leased line along with broadband connection of 42Mbps. The campus is Wi-Fi enabled. Boys' Hostel and Girls Hostel has separate 8Mbps internet connection with Wi-Fi facility.

H: Library

The Central/Main Library is stacked with sufficient number of books under different heads; regular books, book bank, category related book bank etc. Apart from the central/main library, Civil Engineering and Mechanical Engineering programs have department libraries with nearly 1000 volumes in each. e-learning facility is also provided at the institution.

I: Drawing Hall

The college has a drawing hall with 90 drawing boards which caters to the needs of students' for manual drawing using mini-drafters.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response:

The institution has facilities to promote extracurricular activities like sports and cultural events.

Sports:

The college provides facilities to conduct the following indoor and outdoor games.

Indoor Facilities	Outdoor Facilities
Chess	Cricket
Carom	Volley ball
Table Tennis	Basket ball
Yoga	Kabaddi
	Kho-kho

	Throw Ball
	Hand Ball
	Hockey

The college facilitates training of the students and encourages them to participate in intramural, intercollegiate, university and state level competitions. Students are selected at different levels like University, State and Ranaji in sporting events. Mr. Yere Goud is an Alumnus who has played 137 Ranaji matches and has also played for National Team.

The playgrounds are situated within the campus. Table-tennis and other indoor games are made available in boys' hostel. Indoor and Outdoor games are made available at girls' hostel. Additionally, a separate sports room (office) is made available to staff and students indoor games.

Yoga:

Girls' hostel has a separate yoga room where yoga sessions are conducted by trained staff regularly. At boys hostel the open space quadrangle is used for regular yoga sessions.

Cultural:

Seminar hall is utilized for various cultural activities viz., debate, elocution, singing, dancing, skits, mime etc. The college has ample space surrounding the temple, where events like rangoli, drawing, plein air painting etc. are conducted.

Hostel:

The institution has boys hostel and newly built girls hostel. The boys' hostel is situated inside the campus comprising of 58 rooms with triple sharing. The girls hostel is at a distance of 100m from the campus and has 32 rooms which can accommodate 128 girls. Both hostels have a television room for recreation of students.

Garden:

The institute has a green landscaping of about two acres, out of which one acre is garden area and one acre is covered with big trees. These grass lawns are used for conduction of extra-curricular activities like open space seminars, tree plantation programs, exhibitions for the students.

File Description	Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 21

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 25.73

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
28.97842	73.97471	20.58541	19.36096	25.20779

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

Library is well equipped with modern facilities including ILMS and a library management software; e-resources, Wi-Fi, with a 24/7 CCTV surveillance. The Library is semi automated and uses e-granthalaya software.

e-granthalaya was developed by National Informatics Centre(NIC), Government of India. The latest version is Ver4.0 using ASP.NET which is a "Cloud Ready Application" and provides web based data entry solution in enterprise mode with centralised database. The software supports data entry in local languages since it is UNICODE compliant. e-granthalaya 4.0 uses PostgreSQL- an open source DBMS as backend database solution.

Name of ILMS software   : e-Granthalaya

Nature of automation (fully or partially) : Fully automated

Version   : 4.0

Year of Automation   : 2018

All the books in the library are marked with bar-codes and are recorded using these bar-code readings. As the e-granthalaya software is very user-friendly, staff and students are getting the best available information for research and reference easily.

OPAC- Open Public Access Catalogue with touch screen or keypad

e-granthalaya software provides a good built-in web OPAC interface to publish the library catalogue over internet. The user can search books based on authors, titles, publishers, alphabetical or branch wise. General and philosophical books are also made available in the form of hard copies as well as e-learning resources.

e-Learning and Digital Library Services

Since the library is semi-automatic only books in the library are accessible using OPAC. The library has internet facility to access the e-resources. A register is maintained to monitor the number of users who make use of the reference section. Library has subscription to Knimbus. It is an online platform and it acts as eRm package (Extended Rasch Modelling). All the resources are subscribed through VTU e-resource consortia. The users can access publications of all major publishers like Elsevier, Science Direct, Taylor and Francis, Springer, Institute of Civil Engineering UK, Emerald Management, IEEE, ASCE through Knimbus Digital Library and Knimbus Remote access. More than 1500 volumes are available in the e-books section of Francis, McGraw-Hill Express, Elsevier and New Age International. Over 11000 text books are also made available for reference.

Library also maintains submitted project reports by the students as part of their curriculum.

The Library has 12 computers, 3 printers and 16 Mbps internet bandwidth for access of e-resources.Out of 3 printers the student can make use of 2 printers where 1 printer is HP make, which provides the facilities-print, copy and scan. Another printer is Cannon LBP2900. Reprographic facility is also available to the users inside the Library in a separate compartment.

Library Classification and Cataloguing Standard Format- For classification the Library uses Dewey Decimal Classification (DDC) 19th Edition and for cataloguing the library is using MARC III format.

File Description	Document
Paste link for Additional Information	[View Document](#)

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

E. None of the above

D. Any 1 of the above

C. Any 2 of the above

B. Any 3 of the above

Response: B. Any 3 of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 4.99

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
4.59	3.76	2.73	7.14	6.74

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	[View Document](#)
Audited statements of accounts	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students during the last completed academic year

Response: 7.11

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 52

File Description	Document
Details of library usage by teachers and students	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The institution has always made an attempt to keep the technical facilities in state of the art. In this view the institution has been updating all its IT services regularly.

Currently the college has more than 250 computing systems and most of them are of latest configuration with power backup and Local Area Network connection. Every department has well maintained computer lab. The labs also have printing and scanning facilities. The computing facilities are being updated on a regular basis as per the requirements. A brief review is as given below-

Year	System Specification
1995	Intel Pentium processorsP3
1999	P4 processors
2002	HP core 2 duo 1GB RAM
2004	Dual core Lenovo with 1GB RAM
2006	Some of the above systems upgraded to 2GB RAM
2012	HP core i3 second generation systems with 500GB HDD
2013	HP core i3 third generation systems with 1TB HDD
2015	HP core i7 fifth generation systems for examination section
2017	HP core i5 sixth generation systems with 1TB HDD
2018	HP core i5 seventh generation systems with 1TB HDD

The college keeps updating internet and WiFi facilities in order to keep the computing facilities in state of art. The details are as follows-

Year	Internet Facility
2011	BSNL broadband was updated from 4Mbps to 16Mbps
2013	BSNL broadband connection under national scheme was provided to each department with 2Mbps speed
2019	Airtel/hatchway leased line connection of 10Mbps

Year	WiFi Facility
2012	First D-link dual band WiFi router
2013	Asus 3-in-1 WiFi router
2014	Individual WiFi routers for all departments
2017	4G JioFi access points throughout the campus for seamless wifi connectivity

The library has multimedia systems for viewing e-resources, journals and subscriptions. The library has an OPAC system installed for the users support.

The "e-Shikshana Kendra" is one of the live lecturing e-learning centre. The college has made arrangements for necessary legal software as and when required. Currently the college possesses legal application software like-Xilinx, LabVIEW, MATLAB, STAAD.Pro, CYPECAD, Mastercam, SCADA, Primevera P6 etc. Plagiarism checker software is also available for the post graduate students.

The college has a campus agreement with Microsoft Windows for Windows 7, 8 and 10 Operating System. The UBUNTU upgradable is also at hand. Other operating systems and application softwares are installed and updated on a regular basis by the technical supporting staff.

In the administration section the Tally ERP, used for accounting and finance, is updated yearly. Being an old college, most of the data is maintained in ledgers and registers. But with time, the data maintenance also has seen changes. Database of the college is now maintained in the form of both-hardcopy and softcopy.

The college also strived to keep the necessary information broadcasted to all the students and staff during crisis like COVID-19. The college supported and encouraged all the staff members for conduction of online classes. Students were informed and trained on the usage of online resources.

The college updates its website regularly for the information of students, staff and stakeholders.

File Description	Document
Upload any additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 2.72

File Description	Document
Upload any additional information	[View Document](#)
Student – computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution
E. < 05 MBPS

D. 05 MBPS – 10 MBPS

C. 10 MBPS – 30 MBPS

B. 30 MBPS – 50 MBPS

Response: C. 10 MBPS – 30 MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 74.26

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

2018-19	2017-18	2016-17	2015-16	2014-15
89.73804	99.67403	90.37960	70.55863	91.61793

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

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

Response:

Our institution, H. K. E. Society's S. L. N. College of Engineering, maintains the infrastructure in terms of building maintenance, transport maintenance, furniture and generator etc. A team of people has been allotted for the maintenance of the premises. The entire team takes care of maintenance and upkeep of the facilities in the premises. Concerned lab instructors report regularly about the breakage of Instruments and devices if any, to the lab in-charge and in turn then to the higher authority so that the damaged instruments can be immediately serviced or replaced.

Laboratory Maintenance: Different department laboratories are maintained by the department faculties and supporting staff members such as- in Mechanical Engineering department, heavy machineries are subjected to wear and tear. On a timely basis they are inspected by senior faculties for satisfactory working. In case of major defects, the manufacturer or the supplier is asked for the service. Apart from the major laboratories like fitting, carpentry, foundry is also included in the department. These laboratories do not need major servicing and hence are maintained by the college staff.

The **Department of Civil Engineering**, have major equipments which are regularly used for academic purpose and also for the consultancy works. All the major equipments are calibrated regularly. Other surveying equipments are maintained by the college faculties and major defect is attended by certified service providers.

For **Computer Science and Engineering Department**, our institute has appointed a System Administrator to satisfactorily maintain the working of computing facilities and LAN networks. The same is monitored by a faculties of senior grade.

The **Department of Electronics and Communication Engineering**, comprises of testing equipments which are regularly used for academic purposes. Due to wear and tear of the equipments it leads to malfunctioning. This malfunctioning is tested and analyzed. Minor problems are attended within the department and the major defects are attended by the certified electronics service engineers who calibrate the equipments working for its satisfactory results. System software and Application softwares which are upgraded on the regular basis by the faculties.

Library: The library is maintained by the library staff and assistants. The regular use of text volumes and other reference material bearing Bar code get worn out with time. This is updated as and when required. The e-library software is updated accordingly. Regular activities like shelving of books, issuing and

receiving the books are maintained neatly. Regular stock verification process is carried out by the library team. A record is maintained which contains the details of stock verification reports carried out annually. Overall picture of the available documents in the Library can be obtained using OPAC machines available in library. A separeate log register is also maintained with the library staff for recording staff and students visit to library.

Sports Complex: The college playground is maintained by physical director and sports coordinator. Before the event, the pitch/courts are well structured for the event to occur with the assistance of ground staff. The maintenance of the cricket ground has an advisory committee and other staff members. Stock verification of the sports items is conducted annually.

Classrooms: Every classroom is equipped with furnitures and teaching aids. The classrooms are equipped with CCTV cameras and ICT facilities(like DLP Projectors and WiFi routers). The surveillance cameras are inspected on weekly basis for their satisfactory working. If else required they will be serviced and put on to satisfactory working.

Civil Maintenance Works: The Consultancy Cell in the Civil Engineering Department is lead by the Head of the Department of Civil Engineering and a coordinator. This coordinator is in-charge of all civil structures maintenence in the campus. He with the ground staff members, will inspect the civil structures and maintain them regularly. The coordinator of the Consultancy Cell also takes care of the plumbing works, electrical fitting and maintenance and is responsible for maintaining uninterrupted power supply by the assistance of electric generators and uninterrupted power supply for power back ups.

Apart from the civil engineering cell, institution has **Garden Maintenance Cell.** Drinking water facility is provided using **RO plants.** A **Security Cell** is also present at the entrance of the collage gate . Pure drinking water and security are a part of our institute's essential facilities extended to the student community. As said, we maintain the grass carpet lawns in the campus looked after by a group of Gardeners and assisting staff members for its elegance.

Transport Maintenance: Institution is provided with transport facility which carries the students to and fro to the institute. Minor faults are maintained by the maintenance co-coordinator of the transportation cell assisted by the Mechanical department workshop. Any major repair works are assigned to a local workshop garage which is monitored by a set of drivers and the coordinator. All the vehicles are sent for servicing on a regular basis.

All the equipments and appliances in the campus are serviced by the dealers and service providers during the warranty period, which is recorded in their manuals. After the warranty period is completed, the maintenance staff is called on need basis for servicing of equipments. Majority of the servicing is done in-house by the technical staff members of the college.

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 53.61

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

2018-19	2017-18	2016-17	2015-16	2014-15
305	436	527	419	403

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0

5.1.2.1 **Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the

following

    1.**Soft skills**
    2.**Language and communication skills**
    3.**Life skills (Yoga, physical fitness, health and hygiene)**
    4.**ICT/computing skills**

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: B. 3 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 18.2

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

2018-19	2017-18	2016-17	2015-16	2014-15
176	174	222	55	50

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)

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

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

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

Response: 13.24

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

2018-19	2017-18	2016-17	2015-16	2014-15
13	30	33	43	25

File Description	Document
Upload any additional information	[View Document](#)
Self attested list of students placed	[View Document](#)
Details of student placement during the last five years (Data Template)	[View Document](#)

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 29.68

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 46

File Description	Document
Details of student progression to higher education (Data Template)	
Any additional information	

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT/JAM/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 40

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc.*)) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
0	2	0	1	0

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
0	2	0	1	0

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	
Any additional information	

5.3 Student Participation and Activities

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

Response: 1

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

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

Student Council is a structure through which students are involved in the matters of college, in collaboration with management, staff and students for the benefit of college. Student Council is a bridge that connects student community with college management. This body works under Code-of-Conduct set for student to uphold rules and regulations set by the institution from time to time.

The Student Council comprises of One President (Principal of the college), Student Members One Vice-President (Student from Final Year), Three Secretary (General, Sports, Cultural), Two Women Representative, Six Members (Students), Three Staff Advisor (Sports, Cultural, NSS).

The Student Council seek and follow advice from Staff Advisors on affairs pertaining to the activities of students on and off campus. The council also supports on matters related to academics and co-curricular implementation in the institute. Various activities are planned and conducted by the students through this council, under the guidance of respective activity coordinators.

Student Council also interacts with other student committees within the college. It also keeps communicating with other college student councils for benefit of the students. The student members of the council are also made a part of various statutory committees such as Grievance committee, Anti Ragging Committee and also IQAC of the institution. Other non-member students are also involved in discussions pertaining to academics and administration.

Thus the student council plays a vital role in developmental activities of the college. The council also communicates with the student community for feedback on academics and non-academic issues. These feedbacks are communicated to respective staff coordinators or higher authorities through proper channel.

The student council supports the college in making the campus ragging free.

The institution conducts regular meetings of these council members with class representatives of all branches and all semesters along with staff coordinators. Principal of the college also takes active participation in such meetings in order to have strong bonding with the students.

As most of the students are girls and from minority community, special care is taken to encourage them. They are motivated to come forward for progress.

File Description	Document
Upload any additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 5.6

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
9	5	4	4	6

File Description	Document
Upload any additional information	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

Since 1985 the college has Alumni Association which is officially registered on 20th June 2017. The main objective of the alumni association is to create an environment for sharing information between alumni and current students, and to improve corporate interaction with industries. This association provides a platform for current students to improve their career and professional growth.

The Alumni Association is named as "S. L. N. College of Engineering Alumni Association" and is composed of One President, Three Vice-Presidents (Principal of the college being one among the three), One Treasurer, One Secretary, One Joint-Secretary, One Internal Auditor and Eight Executive Members, making it as 16 Association Body members in all.

The association serves the need of our institutional leadership, commitment, funds for financial support, goodwill, communication and improving industry academic collaboration. Alumni Day and Alumni Meets are organized once in an academic year. On these days, it is celebrated by organizing cultural activities, talks by alumni, students and faculty. This day serves as a way to unite maximum alumni on one platform where they discuss new trends in industry, opportunities and the initiatives taken towards institution development. The institute honours alumni guests by presenting them a token of love. It is the day where the alumni relive their days by sharing memories and experience during their stay at college.

Upon the completion of the course at the institution, the students get registered themselves as the alumni by paying the nominal fee. After that they are considered as a member of alumni association. The alumni database is maintained by the Alumni Association. The association contacts the alumni for any information and updates.

Contribution of Alumni Association towards Institute

Career Mentor: Final year students start to seriously identify their career prospects. This serves as the right time for alumni to guide the students of the college on their career opportunities in the industry and create link for students for acceptance.

Gym: The alumni have supported in the establishment of Gym at Boys' Hostel. They have donated the gym equipments and have assisted in building a healthy ambience at hostels.

Alumni Lectures: Reputed Alumni visit the institution and deliver lectures on trending topics, industrial requirements, work field ethics etc.

Improve Student Recruitment: Alumni will show the students how to join the work field after finishing their studies. Alumni involve in recruitment of students by giving them references in their industries and supporting them in placements.

Financial Support: The biggest benefactors of the institute are strong alumni who make a contribution to various development activities towards the institute such as sponsoring workshops, seminars and conferences.

Feedback and participation: Alumni from various branches are contacted for their valuable feedback on the curriculum and for conduction of bridge courses, value added courses, workshops etc.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)
E. <1 Lakhs

D. 1 Lakhs - 3 Lakhs

C. 3 Lakhs - 4 Lakhs

B. 4 Lakhs - 5 Lakhs

Response: A. ? 5 Lakhs

File Description	Document
Upload any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Vision

Institute shall impart technical education par excellence to excel as an institution of outstanding learning centre in technical education in shaping budding engineers as self driven individuals of high moral, motivated, enthusiastic to deliver value based services.

Mission

To educate the students professionally, with high standards, par excellence, to impart them technical & managerial skills of cutting edge technology.

As the college is situated in backward region of Karnataka state, it is hard to progress at a faster pace as compared to metros and other cities or districts. The economic growth of the region is also very slow. Hence the institute aims at producing quality engineers who can support the societal needs and regional growth. The institution aims at improving quality of education with planned measures at different levels of academics and administration.

The institutional Governing Council meets once in a year to review the progress and shortfalls of the college. All the developmental activities are communicated to IQAC for suitable planning and action. The planning done by IQAC is further communicated to the respective departments for execution.

The students are monitored by the staff for curricular and co-curricular growth. The staff members are motivated by the heads of the departments as well as the principal for up-gradation of their qualification and exposure to the outer world through workshops and seminars, as presenters and attendants. The management also takes keen interest in supporting the staff members in their knowledge enhancement and supports them in all possible ways. A level of enthusiasm is maintained from top to bottom level, so as to aid in the development of student's skills, who actually are the technological future of our nation. Keeping academics and other activities in mind, the institution plans to monitor students moral and ethical growth, so that they can give the society and hence the nation, a selfless and valuable service.

The process of student quality enhancement involves contribution from management in planning, from principal in executing and from staff members in mentoring and shaping them. The institution is well-known to have qualified and experienced staff members, who have been working in this institute since a long time. The staff stability is another strong aspect of the college. This makes teaching-learning a very strong and standard process.

Feedback is collected regularly from the stake holders so that appropriate changes can be incorporated in the curricular and other aspects. Incremental improvements hold prominence in the development of the institution. The institution also holds a collaborative relationship with the stake holders, which benefits in

the technical growth of the students.

The institution provides holistic approach towards skill development of the students by conducting co-curricular activities based on awareness about various aspects. Students from economically weaker section of the society are also supported with different scholarship advises and fee wave-off schemes by the institution.

Hence the institution strives hard to produce quality engineers with good moral values.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

The institution comprises of different levels of staff in academics and administration. The management is decentralized with a governing body at Head Office as Kalaburagi and local Governing Body Member as Convener of the college. The principal also decentralizes many of the academic related activities like "Continuous Internal Evaluation", Contests and competitions and some of the cultural activities like student's welcome and farewell functions. The overall performance/working of the institution can be put at two levels-Institution level and Department level. At institution level, planning and development related activities are carried out, whereas at department level, execution and monitoring of academics takes place.

As a case study, formation and its functioning of different committees can be considered. The management nominates one member from its group of institutions into the governing body for transparency. Management also advises the principal in the formation of college level committees. The Principal, along with the IQAC forms different committees as per the requirements of the college. Statutory committees as per AICTE norms are functioning. The institute adheres to the standard structure of all the committees as prescribed by AICTE. Most of the committees have one member from each department so that decentralized working can be efficient without any communication gaps. The committees, like examination committee, takes care of all the works related to university examinations like planning of Continuous Internal Evaluation, mapping the subjects to respective faculties, monitoring the marks entry process, uploading of students examination forms, printing of hall tickets, listing of subjects, sending elective related information to concerned department sections etc. All these tasks are carried out in the departments, independently, by the examination committee member of the department.

Planning of CIE schedule is done by Principal and IQAC after discussion with HODs. The Principal and the IQAC have the authority to alter the schedule due to unavoidable circumstances. Allocation of rooms for test conduction and appointment of test coordinators is taken care by HODs. The Test Coordinators of all departments conduct a meeting to decide the timings and invigilation slots. HODs have the authority of permitting a student for remaining absent on health grounds.

The committee also prepares result analysis after SEE. All the information related to students appearing the exam, results, etc, is collected from each department by the committee member and discussed in the meeting, which is then collectively submitted to the Examination section and IQAC as well. Though the committee works at institution level, but all the tasks are carried out in a decentralized manner at department level. The Principal and Management takes keen interest and supports this decentralized process by communicating with the heads of the departments for result improvements. The Management also appreciates the staff members with good results as good performers and congratulates them. HODs are given the authority to make required suggestions and corrections in the teachers and teaching patterns as per the need.

File Description	Document
Upload any additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The institute plans for its developments very strategically and reviewed periodically and revises its "Long Term Goals (LTG)" and "Short Term Goals (STG)". These plans are communicated to respective departments and staff for further process to be carried out. The IQAC has formulated the following Long Term Plans and Short Term Plans–

Long Term Goal-1	To have collaboration with other organisations for higher studies.
Long Term Goal-2	To enhance digital learning for students and staff, and to encourage self-learning.
Long Term Goal-3	To establish an Incubation centre at the campus.
Long Term Goal-4	To have collaboration with national/international firms for placements.
Long Term Goal-5	To improvise green landscaping inside and outside the campus.

Short Term Goal-1	To have recognised Research Centres in all departments
Short Term Goal-2	Get leased line for uninterrupted internet facility in entire campus
Short Term Goal-3	To obtain accreditation from NAAC/NBA
Short Term Goal-4	To implement Enterprise Resource Planning in all sectors
Short Term Goal-5	Re-structure Student Mentoring System

Deployment of the Goals-

1. As per the goal in the short term planning, the institute has achieved its research centre for the Department of Electronics and Communication Engineering.
2. Faculty are facilitated with digital teaching techniques such as LMS, ICT, etc., in order to keep pace with the changing technology. As a support to digital teaching-learning techniques, a leased line has been laid down. This accomplishes another short term goal.
3. Enterprise Resource Planning is implemented by procuring licenced software.
4. Renovation of laboratories was done, i.e., flooring replaced by vitrified tiles, false ceiling adapted, painting of walls, classrooms re-furnished and public address system adapted for better audibility of lectures. Lighting devices are replaced with power saving LEDs.
5. The laboratories are equipped with latest computing facilities such as i3 and i5 systems which have replaced the older versions. Testing equipments such as UTMs, Torque Testing Machines are calibrated regularly for accuracy. In Mechanical Engineering department the machine shop is regularly maintained.
6. More than 500 trees have been planted in and around the campus as a green initiative in the past five years. The college has also taken up "Ban on Plastic" initiative for shielding the environment from menace of plastic.
7. Student Mentoring System is re-structured with proper documentation.

File Description	Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

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

Response:

The college is one of the institutions of Hyderabad Karnataka Education Society, Kalaburagi. President, Vice-president and fifteen Executive Council Members are elected with a Nominated Executive Council Member to form the Governing Council Body. All decisions are made by the council.

A Convener, local executive council member, is appointed for the institution. He / She forms the bridge between the institution and the management.

Principal is the councillor for both the administrative and academic activities of the institution who monitors the smooth running of office, classes and other activities ongoing in the campus. Each and every grievance of the staff and students are resolved in his vision.

Each department is headed by a "Head of the Department" whose role is very important in keeping the

department in befitting condition. Staff, students, classrooms, laboratories are to be maintained by the support of other staff members of the department. Faculty with the highest educational qualification (PhD) and good teaching experience will emerge as Professors. They are the main resources in developing the system of the department. They are supported by Associate Professors who are nevertheless equal in qualification and teaching experience. The departmental academic work and administrative activity is accomplished by a team of Assistant Professors, Technical Support staff etc. Workshops and laboratories are run by a team of technical support staff i.e., workshop superintendent who is in-charge of all workshops, foreman the prime instructor who is capable of handling all the laboratories of the department with the support of instructors and assistant instructors, supported by mechanics and helpers.

Administrative office comprises of different sections namely, admission, accounts, examination, establishment, inward/outward etc. which are primarily connected with the office superintendent and governed by Principal. Each section has assistants with attenders who execute the related section work.

The Library is a wholesome think-tank of the college which is headed by a Librarian and supported by Assistant Librarian, Library Assistants and attenders. The college training and placement activities are looked after by the Training and Placement Officer along with departmental placement coordinators and assistant coordinators and attenders.

Institution has separate hostel facility for boys and girls, with 53 and 38 rooms respectively. Each hostel has separate wardens and resident wardens who take care of boarding and other amenities, supported by mess staff and maintenance staff.

The Physical Director of the institution takes care of all the sports activities in and off campus. Within institute intramurals of different sports are conducted. He also supports the zonal and inter-zonal sports activities of the university.

File Description	Document
Upload any additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

    1. Administration
    2. Finance and Accounts
    3. Student Admission and Support
    4. Examination

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

Welfare Measures for Teaching and Non-Teaching staff as below:

1. "Lien Leave" facility for faculties with prior permission from the management.
2. Gratuity for staff on attaining superannuation.
3. Grant of extension of service of one to four years after superannuation.
4. Concessional transport facility in buses for all staff members.
5. Concession provided in college fees for employees children.
6. Maternity Leave for female staff, of 90days.
7. Paternity leave for male staff of 15days.
8. Special leave for paper presentation, guest lectures, conferences, workshops etc.
9. Deputation of employees for higher studies.
10. Employee Provident Fund and pension scheme as per norms.
11. Financial support to attend workshops and conferences.
12. Free Medical check-up in campus.
13. Incentives (non-monetary) for good performers.
14. Compensatory casual leave in lieu of working on declared holidays
15. Vacation for teaching and non-teaching staff members, with payment of salary.
16. Employees State Insurance for all staff members.
17. Granting transfer of employees, on requisition, from one institution to another under the society, or from one department to another within the institution.
18. Regularising contractual/ part time staff on their satisfactory performance for a fixed tenure.
19. Subsistence allowance for employees under suspension.
20. Charge allowance facility for employees assigned with additional duties, in addition to their regular allotted duties.

File Description	Document
Upload any additional information	
Paste link for additional information	

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

Response: 21.38

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

2018-19	2017-18	2016-17	2015-16	2014-15
33	14	5	2	6

File Description	Document
Upload any additional information	
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	

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

Response: 1

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

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	1	1	1

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	

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6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 23.59

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
43	13	1	1	8

File Description	Document
Upload any additional information	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

The recruitment of the staff members is done based on AICTE norms and procedures. The staff members are analyzed based on their performance in various fields, by various authorities and stake holders.

Performance Based Appraisal System is followed in the institution in which the staff members are appreciated for their performance annually. The staff members are given Weightage by self, students, heads of the departments and principal. Based on the total score of a staff member his or her increments, promotions and benefits (monetary and non-monetary) are decided by the management.

The faculties are given scores based on various aspects like student feedback, paper publications, results analysis, trainings and workshops attended and conducted, research related works, academic responsibilities handled, administrative tasks assigned and carried out etc. the faculties are supposed to fill in the self-appraisal forms which comprises of totally 12 heads in which 10 are filled by the staff members, which are related to their work progress and knowledge enhancement. Two other parameters are feedback and result analysis, which are filled by the head of the department. The head of the department fills these details and puts additional comments about the performance of the staff member and sends it to the principal of the college for his perusal. The principal then attaches his opinion and observation about the staff member and sends the completed form to the management for further process.

The Non-teaching staff's performance is analyzed based on four important aspects related to behaviour and knowledge and trainings attended, responsibilities assigned and carried out, along with the supervisor's remarks. In the appraisal form first three heads are filled by the concerned staff member and the last head i.e., supervisor's remarks is filled by the respective department supervisor and sent to the

head of the institution for further process.

The Principal and Management scrutinize the appraisal forms and decide about the incentives, increments, benefits and promotions of the staff members. The whole process is kept confidential to have a fair analysis. The management decides about the benefits in various ways- giving increments, incentives, special leaves, vacations, sponsoring workshops/higher education, contribution towards post retirement benefits etc.

File Description	Document
Upload any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The institute is governed by the Hyderabad Karnataka Education Society, Kalaburgi. The society conducts regular audits of all the colleges under it. Every year the society forms a team of staff members from both academic as well as administrative departments, who scrutinize all the documents at the institution and produce a report to the management. The society performs this internal audit for financial, administrative as well as academic sectors of the college.

Internal audit is based on the stock verification of each department. Every year the institution sets up a team of senior staff members and assigns them a particular department other than their own. The teams check for the stocks, receipts, maintenance details, records etc, from each department. At the end of the audit a report is submitted to the principal. A consolidated report is then prepared and sent to the management. Any objections raised during these internal audits are resolved by the staff members, heads of the departments and principal by taking appropriate actions on the concerned sections. As an example, if the maintenance of any equipment is stated as uneconomical then a decision is made to discard it appropriately.

Every year an officially appointed external auditor visits the college and performs the financial auditing. Once in every three months, the auditor sends his subordinates for checking and scrutinizing financial documents and details. These details are then collectively processed by the auditor at the end of the financial year. The auditor prepares an audit report and send to the institution along with his suggestions for improvements. The audit objections or the suggestions from the auditor are discussed by the principal with the management and required steps are taken. As an example, the auditor suggested for ERP software to be adopted for all the finance related tasks. Hence the ERP system was implemented using tally. An office staff member is also trained to use this software.

File Description	Document
Upload any additional information	View Document

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

Response: 0.46

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

2018-19	2017-18	2016-17	2015-16	2014-15
0.114	0.114	0.114	0.114	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	[View Document](#)
Any additional information	[View Document](#)

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

Response:

The institute is private unaided organisation and it doesn't receive any financial support from government or semi-government organisations. Purely it is supported by management and the fees collected by the students as tuition-fee. Further institution collects development fees, sports fees, library fees etc., as per the government norms which supports the relevant activity in the institution.

Secondly institution has a consultancy cell in Civil Engineering departments which attracts the third party inspection of the government sanctioned projects, projects covered under Municipal Corporation and other constructional companies.

Institution is identified for conduction of bank examinations, civil service examinations including police department exams. The institution is also a verification centre for Karnataka Common Entrance Tests (KCET) which attract the remuneration.

Rents from structural assets are also collected monthly which supports the minimum expenditures of the institution.

The college also believes in savings in many of the minor and major aspects. In the past three years many of the expenses are cut down for saving purpose, so that the saved amount can be utilized for better purposes. The management has suggested cutting down the expenses on refreshments provided to the staff members during working hours. Expenses on papers purchase is reduced to reduce paper usage and hence one sided sheets have been utilized for many purposes like writing letters for internal communication,

taking print outs, students forms etc.

Expenses on fuel charges are also reduced by proper planning of bus sessions and accordingly the college timings.

Summing up all the above, deficiency of budgetary funds is supported by the finance department of the Hyderabad Karnataka Education Society.

6.5 Internal Quality Assurance System

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

Response:

The Internal Quality Assurance Cell (IQAC) was formed during the academic year 2017-18. The cell monitors academic and administrative quality of the institute for improvement.

The IQAC is headed by Principal as Chairperson with Convener as Management Representative and Heads of all the departments as Members, along with a Coordinator. It also includes senior staff, representatives from industry, alumni, student and student's parent.

The IQAC plays a significant role in the establishment of VTU recognised research centre, which supports the research scholars for their studies. The "e-Shikshana Kendra" and Learning Management System were started with a goal of improving student's online learning methods. A leased line was commissioned to support internet facility to the Digital Library and usage of e-resources such as e-books, e-journals and e-learning materials prepared by the staff. An online grievance portal for grievance redressal mechanism is implemented to facilitate all the stakeholders and students.

Legal softwares are procured for Civil and Electronics departments. Enterprise Resource Planning (ERP) is adopted in different sectors of the institution like-examination, administration and finance. The IQAC takes keen interest in improving students learning through better teaching techniques by using ICT. The complete campus, including hostels, is under CCTV surveillance which is monitored remotely. It is planned to have academic and administrative audit at the end of every academic year.

IQAC supports the NSS officer to carry out co-curricular activities in and off the campus, such as-tree plantation, blood donation, flood relief camps, village sanitation programs and many other such programs. It is also recognised as plastic free campus. As a part of green initiative the campus garden is developed. Planting of tree in accordance with the flora and fauna of the region is one of the regular activities of the IQAC.

Old laboratories are upgraded to the present state of art, servicing and calibration of equipments and machines is done regularly. Latest computing systems are provided to all the departments.

Health and hygiene is given primary importance by installing sanitary pad vending machines and incinerators. Women empowerment strategies are planned and organised. Programs like self defence,

hygiene awareness, balancing work life and personal life, etc are conducted.

IQAC takes interest in motivating staff members for qualification up-gradation. Staff members are provided with financial assistance for attending workshops, conferences, faculty development programs and paper presentations.

IQAC also shows keenness in getting the college accredited, along with other participations like NIRF and ARIIA.

The IQAC not only plans for imparting quality education but also supervises and implements activities and takes measures for overall development of the institution. IQAC provides yardstick for self assessment of staff and students.

File Description	Document
Upload any additional information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

IQAC acts as dynamic system for quality improvement and maintenance in the institution. Re-structured Student mentoring system is adopted. Assessing the student's academic ability, grouping as slow and fast learners, conduction of remedial classes for slow learners, capability enhancement programs for fast learners is carried out.

Apart from the academic courses, every year the IQAC plans for additional courses such as conducting value added courses, bridge courses and workshops. Financial assistance is provided to the students for attending workshops. Through IQAC, student's projects are selected for KSCST and VTU funding. IQAC also educate the students about different scholarships.

A memorandum of understanding is signed between the institution and industries/ organisations to conduct internship programs, seminars, workshops and project guidance.

The lessons are planned and practiced as per the outcome based education system. The IQAC insists the faculties to set question papers as per Revised Bloom's Taxonomy (RBT). Scripts are evaluated as per scheme of valuations. At the beginning of the semester, course outcomes (CO) are mapped with program outcomes (PO) by the faculties. IQAC monitors the attainment levels of the COs and POs, in accordance with the preset target. On the basis of feedback and result analysis, faculty member is appreciated/ suitably advised by IQAC for their performance.

IQAC prepares calendar of events in the beginning of the semester, in accordance with VTU academic calendar. The calendar incorporates provision for guest lectures, workshops, FDPs, industrial visits and in-house trainings, sports and cultural activities for students in addition to regular teaching and practical sessions.

The college website is updated regularly by the IT coordinator, supported by faculty, with study material and assignments to the students. ERP software is used for providing remote access to study material for student fraternity. Online technical quizzes and psychometric tests are made available. Feedback is available online for stakeholders. The analysis and report are posted on the website.

The institution plans to have a SWAYAM nodal centre that will support student learning in various aspects. As per the suggestion of the IQAC, the institution has subscribed for various e-resources such as National Digital Library (NDL), DELNET and membership of VTU e-consortium which allows access to both print and electronic resources i.e., manuals, text books, solution manuals, manuscripts and rare books.

IQAC invites reputed alumni to deliver talks and meets on present trends and to advise about the industrial needs, as they possess abundant skills/experience.

File Description	Document
Upload any additional information	[View Document](#)

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality intitiatives with other institution(s)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution	[View Document](#)
Upload any additional information	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

The institution organises gender equity programs on a regular basis. Every year International Women's Day is celebrated on 8th of March with a particular theme based on women empowerment such as work-life balance, women in industries etc. Students are encouraged to organise the event according to the theme. Programs like *self defence training* and *Beti-bachao Beti-padhao* are also organised in association with NGOs and NSS unit of the college. Women Empowerment Cell takes care of empowerment and motivation of the girl students. It conducts regular counselling sessions. It also conducts awareness activities for staff and students to keep them updated about women's rights and issues. In addition, the institute has Anti-Sexual Harassment Cell which creates awareness and provides information about the empowerment strategies of sexual harassment acts to the students during orientation program.

Safety and security:

The institution takes care of health, hygiene and security of the students and staff members. The institution provides various facilities for women like sanitary pad vending machine, sanitary pad incinerators etc both at campus as well as at girls hostel.

The institution takes care of the security of all the staff members and students with the help of CCTV surveillance. The institute also has security guards present round the clock near the campus main gate and at strategic locations inside the campus like boys' hostel and girls' hostel.

Wearing of ID cards is made compulsory for all the staff and students for identification. Timing restriction is implemented for both boys and girls at hostels. Visitors permission letters, visitors register etc are maintained.

Counselling:

Counselling of students is carried out on a regular basis for both boys and girls. Separate students counselling cell is formed to address and solve complex/confidential issues related to students and staff. A Mentor is assigned to each student for counselling him/her on a regular basis to know students academic and non-academic progress. Counselling data is maintained by the departments and communicated to the parents regularly.

Common rooms:

Separate common rooms for boys and girls are made available in the campus. The common rooms are provided with all the basic facilities like washroom, mirrors, hand wash/soap, dustbin etc.

There is separate rest room for ladies staff in the campus, which has facilities like first-aid, WiFi, mobile/laptop charging points, mirror, hand wash/soap, dish-wash soap, dustbin, crockery, water cooler

can etc.

Day care centre for young children:

The college facilitates day care for the young children of the ladies staff members. The college has an in-campus school for nursery and pre-nursery students, along with kindergarten and primary schooling. The young children are enrolled into the school for day care facility.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: D. 1 of the above

File Description	Document
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management

- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

Solid waste management:

The institution follows paper reuse by utilizing single sided used papers for writing/printing. Dry leaves, plant clippings, papers and paper cups/plates and other bio-degradable materials are segregated and put in compost pits for decomposing, so that this compost can be used as manure for gardens. Non-biodegradable waste is sold to scrap vendors on a regular basis. The institution provides dustbins at common places like corridors, which are cleaned regularly. The wet waste from canteen is collected by the municipal garbage vehicle on a daily basis. The sanitary napkins are disposed using the incinerator in washrooms.

As the campus has ample number of neem trees, lot of neem fruits fall during spring season. These fruits are made available to the neem fruit picking women, who then sell it for fair price to firms which then process them to produce neem cakes and neem oil.

Liquid waste management:

Liquid waste from canteen and restrooms is connected through underground drainage pipes to municipal drainage.

Bio-Medical waste:

As the college is a technical institution, there is no bio-medical waste generated here. Hence there is no Bio-Medical waste management system in the college.

E-waste management:

E-waste is least in the institution, since electronics devices are serviced and repaired regularly and the old computers and other devices are sent to sister concerned colleges for further repair and use. Other minor e-waste components are collected in each department and dumped in a place, which is sold to authorise e-waste vendor "CEREBRA" as and when decided by the management.

Waste recycling system:

Waste water from Wash Basins is let to the floral plants of the garden thereby Recycled waste water may slake the thirst of outdoor plants. Water Runoff from spill over of overhead tanks is also let to the plants and trees.

Hazardous chemicals and radioactive waste management:

As such, the college does not use any hazardous chemicals or radio-active material for any of the purposes. Hence there is no hazardous and radio-active waste management system.

File Description	Document
Any other relevant information	[View Document](#)

7.1.4 Water conservation facilities available in the Institution:

    1. **Rain water harvesting**
    2. **Borewell /Open well recharge**
    3. **Construction of tanks and bunds**
    4. **Waste water recycling**
    5. **Maintenance of water bodies and distribution system in the campus**

E. None of the above

D.1 of the above

C. 2 of the above

B. 3 of the above

Response: D.1 of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)

7.1.5 Green campus initiatives include:

    1. **Restricted entry of automobiles**
    2. **Use of Bicycles/ Battery powered vehicles**
    3. **Pedestrian Friendly pathways**
    4. **Ban on use of Plastic**
    5. **landscaping with trees and plants**

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document](#)
Any other relevant documents	[View Document](#)

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution

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

E. None of the above

D.1 of the above

C. 2 of the above

B. 3 of the above

Response: C. 2 of the above

File Description	Document
Certificates of the awards received	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

E. None of the above

D.1 of the above

C. 2 of the above

B. 3 of the above

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

"Jnana Vedike"- a program for empowering and motivating the blinds on monthly basis. In this program activities are conducted every month with respect to a given theme. Improvement in skills is monitored with the conduction of such activities, for which the institution got appreciation from the Blinds school (Sri Manikprabhu academy for the Blind, Raichur).

"Drug free India"-a program initiated by Sri Sri Ravishankar Guruji, is one of the youth awareness programs organised by the institution, on a regular basis. The institution participates in the online programs of Sri Sri Ravishankar Guruji by involving all the students in their telecasted programs. Counsellors in this regard are invited frequently to guide the students to avert the drug culture.

"First aid training" programs are organised by the college, especially for the freshers. Kits are placed in every department for usage. The regular visiting doctor briefs the students about "Do's and Don'ts" during emergency situations.

College uniform is adopted to inculcate a feeling of socio-economic equality among the students. A three language criteria (English, Hindi, Kannada) is implemented in the campus which assimilates linguistic harmony.

Minority girls are allowed to wear hijabs and burquas while coming to the college but restricted in the examination halls.

Cotton industry visit was a patch up picnic party of the weekend. Students were taken to the nearest ginning and pressing units. The industry supervisor briefed the students about the flow of process from cotton to bailing. Students enjoyed the visit and lunch sponsored by the host.

Circle Inspector of Police (Traffic) visited the college to make students aware of traffic rules, as it is situated on national highway. Safe driving tips were also given to the students during the program.

Events on cyber security, crime awareness, self defence etc, are conducted by the institution frequently for the present trend of living. The Superintendent of police, Raichur gave a brief lecture on cyber security.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Link for any other relevant information	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The institution organises various programs on ethical and moral values apart from duties and rights of Indian citizen. The institution takes care of the conduct of students by organising seminars on topics like general elections, assembly elections, constitution of India, Women empowerment strategies by the government of India, girl child welfare, Beti-bachao Beti-padhao etc. The institution encourages student's participation in various awareness activities like election awareness program, digital literacy programs, tax payments and its benefits to the country, voting rights, first time voters etc.

Assembly elections were held in Karnataka in the month of May 2018. All the staff members were allotted election duties by the election commission of India. Faculties and supporting staff attended the training programs as well as carried out the duties of presiding and polling officers. The institution also supported the election commission by providing required infrastructure like transportation facility etc. In the same way, the institution also supported the Lok-Sabha general elections held during April-May 2019.

The institution supported in making the Voter Identity cards for the first time voters, i.e., students were asked to fill the voter application form for first time voters under the supervision of staff members. The same were registered with the taluka office and had a regular check of inclusion of newly applied voters in the final voters list.

A selected group of students were asked to give a talk on protecting and improving the natural environment including forests, lakes, rivers, wildlife etc. and to have compassion for living creatures.

Activities on development of the scientific temper, humanism and the spirit of inquiry and reforms were organised by the staff members of the institution, for the students. The activities were carried out in association with various NGOs like SEVA and Jagannath Manvikar Gramin Abhivriddhi Sangha.

Neighbourhood citizens of the institute were called for a meeting on linking AADHAR card and Voter Identity card. Principal assigned a group of staff members to help the citizens including our students in getting the above said with *Voters Helpline App* on mobile.

On ethnic day celebration the students are encouraged to represent the region to which they belong wearing the costumes of the community. Different dressing themes were exhibited by the students including staff on ethnic day. The event symbolises "Unity in Diversity", hence inculcating integrity in students and staff.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document](#)

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. All of the above

File Description	Document
Code of ethics policy document	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The institution celebrates International commemorative days like International Yoga day, Women's day, Environment day etc, along with National commemorative days like Science day, Teachers day, Independence day, Republic day, Gandhi Jayanthi, Ambedkar Jayanti, etc..

Renowned Yoga professionals are invited on the occasion of International Yoga Day celebration. A session of basic yoga is taught to the students, staff and neighbourhood residents. At the end of the session, the yoga professionals invited the staff and students for the yoga classes conducted in their campus. Regular yoga classes are also conducted in boys' hostel and girl's hostel.

Every year the institution celebrates International Women's Day with a theme like-Women empowerment, women in industries, work-life balance, balance for the better, etc.. Renowned speakers are invited on this day to share their thoughts with the students of the college.

Trees are planted in and off the campus on a regular basis, by the NSS cadre, especially on the World Environment Day. All the students and staff participate in tree plantation program. This year, as per the circular from the government, the institution implemented *adopting a plant* by the staff and student.

The institution celebrates all national fests like Independence day, Republic day and Gandhi Jayanti. The students and staff attend these fests with enthusiasm. During these events, Chief Guest is invited for hoisting the flag. Events are followed by refreshments. The institution observes various other commemorative days like National Youth Day, National Science Day, Karnataka Rajyotsava, Engineers day etc.

The institution also celebrates birth anniversary and observes death anniversary of founder President of HKE Society, Sri. Mahadevappa Rampur. With a great enthusiasm Basaweshwar Jayanti, Valmiki Jayanti, Mahaveer Jayanti, Kanakadas Jayanti are celebrated in the institution.

Eco-friendly Ganesh idol is installed in the campus every year on Vinayaka Chaturthi. This festival lasts for three days and is celebrated with joy, both by the student and staff. Exhibiting student talents in various fields such as, pencil sketching, rangoli, cooking etc are organised.

Nine goddess festival-Navaratri, is a delightful event for everyone at the institution. It is celebrated according to the theme of colours for every individual day.

In campus welcome for freshers, farewell to final year students, annual day cultural fest, technical fest, superannuation programs and hostel days (Boys' and girl's) are also organised by the college which motivates the ethics and morals of the students.

File Description	Document
Link for Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practices-1

Title of the Practice: Buddy Bits

Objectives of the Practice: To encourage students in removal of stage fear, build their confidence in presentation skills and to enhance innovative ideas which helps in upgrading their communication skills.

The Context: Students introvert behaviour, lack of confidence in themselves, feeble communication skill.

The Practice: Students are asked to select a topic of their choice, preferable related to curriculum. Sufficient time is given to the students for preparation and delivering of lecture. Students used the library support for a maximum. Reference text books, solution manuals were used for extracting the material on their relevant topic. Faculties from departments visited library to assist the students for maximum referring techniques. All the students are allocated the schedule for the same. Students are advised to come in proper dress code on the lecture day.

Students with preparation of their topic will deliver the lecture before the faculties and fellow mates. After the lecture, the student asks for queries if any, on the topic to be cleared. A copy of the "lecture material" is submitted to the respective department library for further reference.

Evidence of Success: On the completion of "Buddy Bits" session, the students were found to be more confident about themselves. This practice helped the students in exploring their communication skills. The appreciation from faculties and fellow mates boosted the student's learning capacities.

Problems Encountered and Resources Required: Library was the main resource for this practice. The students referred journals, text books and online study material for preparation of the allotted topic. Faculties also visited library frequently, so that the students can be supported in their task.

Some students had a lot of stage fear due to which they did not come forward to deliver the lecture. But eventually through mentoring and with the support of fellow mates and faculties, most of the students came forward for participation. Though lot of efforts were put in involving all the students in this practice, but yet a small percentage of students didn't turn up for the lecture delivery.

Best Practices-2

Title: Techno-Cultural events with sports

Objective: To inculcate balanced behaviour among the students in aspects of technical knowledge, creative arts and sports events.

Context: Improvement of student's technical skill using fun based learning approach.

Practice: Every year the institution organises a technical fest during odd semester and a cultural and sports events during even semester. The technical fest includes events like quiz, debate, pick and speak, hobby kits etc. Different activities are planned every year so as to have a change of study-methodology for the students. The cultural fest aims at providing a platform for creative arts of the students. Many students participate in this fest and enjoy a lot. Events in the fest are planned in such a way that the students develop a sort of good spirit. Every year the college also organises a sports event where students participate and show their spirit of sportsmanship.

Evidence of Success: This has enriched and provided talent exhibit platform. Year-by-year incremental growth has been noticed. Students eagerly wait for the schedule announcements of the events.

Problems Encountered and Resources Required: Students don't open up easily to take part in many events. Mentors have to identify the talent in them and encourage them to participate. Not enough funding

is supported by management.

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

At H. K. E Society's S. L. N. College of Engineering, utmost care is taken to monitor the student's ethical and moral growth apart from the technical and professional growth. The college ensures this through conduction of various activities that involve the student's interaction with the society.

The college has a large number of girl students that amounts to around 50% of the total student strength. This is found in very few colleges or educational sectors. This is an indication to empowerment of women. Most of the girl students are from a minority and underprivileged background. The college takes pride in announcing that the topper of the affiliating university –Visveswaraya Technological University, is from our college since past four consecutive semesters.

The college takes utmost care in providing facilities to the students in academic as well as other aspects. The college library has schemes such as student's book-bank and book bank for economically and socially weaker section of the society. The college supports and guides the students about various scholarship schemes available for such students.

The Consultancy Cell of the Civil Engineering Department takes up various service activities. The cell has taken up tasks like- soil testing for "Yeramarus Thermal Power Station", "Raichur Thermal Power Station" and "Ballari Thermal Power Station". The consultancy cell also performs other social service activities. It has taken up the rural water supply and sanitary monitoring service. Since 30 years the consultancy cell is serving and monitoring quality of civil works carried out in the surrounding areas of Raichur.

The college has taken up a project on village adoption. Under this project, the college has adopted a village by name "Nilgal" which comes under "Devadurg" taluk of Raichur district. After adopting this village the college has conducted some of the developmental activities like girl child education, women empowerment, small scale entrepreneurial business developments, agricultural awareness etc. The NSS cell has conducted various activities like tree-plantation and education awareness along with voter awareness programs.

The college staff members are actively involved in social service activities. During elections, the staff members from all the cadres are involved in awareness rallies. They are also allotted election duties which are performed with dedication and zeal. The college provides not only human resource but also shares transportation facility by provides its college buses for election services.

The campus is situated in a city with hot climatic conditions. Hence the college plans for increasing the

green landscaping by planting more trees, in and around the campus. This benefits in temperature control and comforts the human life during summers. Animal life is also thought about under such circumstances. Food grains and water is kept in the campus for birds in shady areas. The NSS unit conducts at least one tree plantation program every semester. The main aim of the NSS unit of the college is to increase number of trees and bring awareness among the students and residents about the importance of trees in our lives. The NSS activities are conducted in association with other government as well as local bodies. Hence the college is recognised and awarded for outstanding performance in green campus maintenance and tree plantation.

As the college takes the responsibility of ethical and social development of the students, it conducts social developmental activities in its surrounding area volunteered by students. Last year the college had a plan for blind students of "Manik Prabhu Association for the Blinds". Every month two staff members along with 10-15 students visited the blinds school and conducted activities for them. The activities were planned for the development and growth of blind students at the school. These include puzzle solving, riddles, singing, word building, number games and many more. The college has performed various such activities in the past. Because of its performance and support in the past, the college is also awarded with "Silver Zone" certificate for its outstanding excellence and amazing commitment towards the visually challenged people.

The institution has signed MOUs with industries for providing internship and training to the students. The institution also puts efforts in training the students on some of the subjects that are practically in need in the industries. Under these MOUs the students are also encouraged to take up mini-projects. Regular workshops are conducted for staff and students under these MOUs. The college has established collaborations with other educational institutions in the surrounding area to improve the quality of education and to provide exposure to the students.

5. CONCLUSION

Additional Information :

The institution is well known for its long standing staff having an average experience of 25 years.

The institution has a mentor-mentee ratio of 1: 12.27. The experienced faculty mentor the students on a one-to-one basis. This is one of the strengths of the institution.

The institution has state of art computing and IT facilities with 1:2.5 computer-student ratio, most of the computers with latest configuration, WiFi enabled and LAN connected.

The college facilitates the students with abundance of books through book bank and other schemes. Online e-resources is another provision provided to staff and students.

The Institution has an active Training and Placement Cell which organizes a number of events to promote awareness of entrepreneurship and higher studies.

The Institution inculcates social consciousness among its students through activities organised by NSS unit in association with other organisations and local bodies. This has helped the student's responsive consciousness towards the society. More than 100 local initiatives are undertaken in the past five years, for which college has been appreciated. College has also adopted one village and conducted developmental programs.

During COVID-19, the college has given its best efforts to train the students on usage of online platforms and tools for online classes. The staff members have regularly mentored the students through various means. The college has taken utmost care in monitoring the student's academic growth and mental stability. The college has seen to it that all the academic works run without interruption and inconvenience to staff or students. Parents meetings were also scheduled online, to know the problems faced by the students, if any.

Concluding Remarks :

"Lighted to enlighten" has been the prime objective that has guided the functioning of the institution over four decades. Since its beginning in 1979, today the college offers four UG and one PG program and one PhD program, and has student strength of 650 at present.

The institution is proud as one of its students has secured First place in VTU Exams consecutively in four semesters. Students have participated and won prizes in sports and cultural events. Students also have won prizes in project exhibitions.

The research initiative-workshops, industry-academia interfaces, extension and outreach programs by the institution have promoted good rapport with the community and industries.

Green Campus award was bestowed for outstanding performance in maintaining green campus by an NGO. The college has been awarded as Silver Zone Champions for its service towards visually challenged persons.

One of the faculty has developed an innovative algorithm and computer program which can solve any

SUDOKU puzzle and is nominated for patent.

The Institution provides quality education in Engineering and Management streams in the backward region of Kalyana Karnataka as a result the Institution has made a name for itself in the region.

The thrust for academic excellence and ethical growth of the students is the prime focus of the institution. The faculty members join hands with the Institution to enhance and sustain quality education for the attainment of Vision, Mission and Core Values.

The institution has achieved most of the long and short terms goals and to ensure this improvement in quality of engineering education, it is going ahead for NAAC process.

In pursuit of excellence, the institution looks forward to achieve more heights in the times.