

FOR 1st CYCLE OF ACCREDITATION

SAI MAHAVIDYALAYA

SAI COLLEGE (SAI MAHAVIDYALAYA) STREET-69, SECTOR-6, BHILAI 490006 www.saicollege.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL BANGALORE

November 2022

1. EXECUTIVE SUMMARY

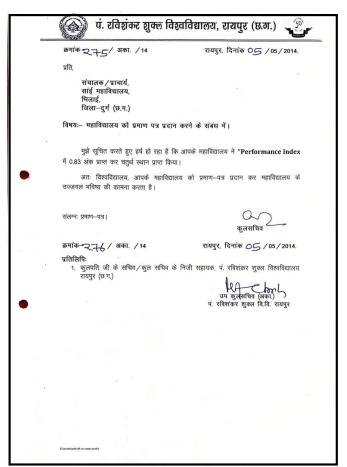
1.1 INTRODUCTION

Sai Mahavidyalaya popularly known as Sai College,Bhilai under Happy School Educational Society was established in the year 2005. The college is affiliated to Hemchand Yadav University,Durg and is recognised by UGC under section 2(f) of the UGC Act. The college has been established looking into the need of Quality higher education in Bhilai-Durg.At present the Society is running a state board affiliated school in addition to the Sai College. College is located in the heart of Bhilai Steel Plant township.

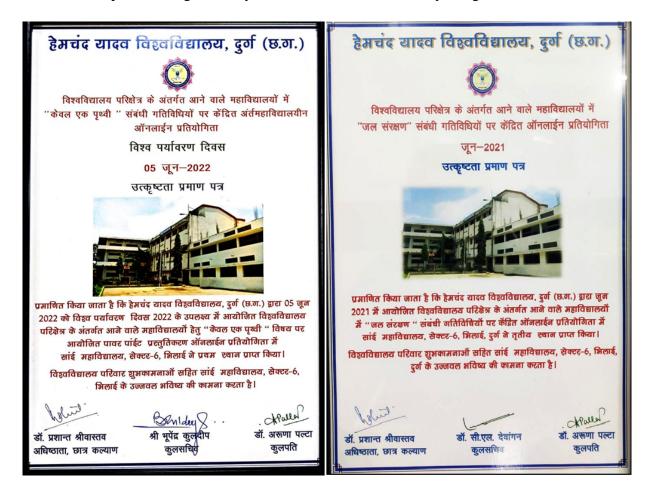
With 14 students in first batch in 2005-2006 and the **current strength of 1038 students**, college is among the most sought-after colleges in bhilai by the students. Since its inception institution has been imparting education in the field of Commerce and Management, Science and Computers at both Undergraduate and Postgraduate levels. **The infrastructure in Computer Science and Application department of college is one of the best in the region**. Institution has been working on providing strong foundation to its students to enhance all round development and become responsible citizens in addition to excel in the academics

College was ranked at Fourth position among all colleges under the then affiliating university on the basis of performance index for the session 2012-13 for Quality Management.





We have stood **3rd position in June-2021** and **1st position in June-22 and intiatives taken on conservation of environment** in competitions organised by Hemchand Yadav University, Durg



The NSS wing of the college is very active and has played a major role in the holistic development of the students.

College has a uniqueness that **no student is required to purchase books during the whole course duration**. For this college has a rich library with 17000 + books.

The academic results of the college have been encouraging with 19 students in the University merit list in last 5 years.

Apart from various active MOUs with various organizations, college has an **Industry Academia Linkage with BOSCH for training students** on topics related to Skill Entrepreneurship, Future skills, soft skills and right attitudes and Social responsibility since December 2021.

College has an in-house functional incubation centre "Sai Kalakriti Kendra" with an aim to encourage students for self employment and entrepreneurship.

No case of ragging and harassment to women have been reported since the inception of the college.

Vision

To become one of the premier institutions of higher education in the country delivering excellent professional education, creating value based globally competitive professionals.

Sai College has a vision of promoting an environment where faculty, staff and students can conduct resultoriented research and meet societal needs.

Mission

The College strives for providing a technically advanced academic environment and achieving a national recognition through acquiring a well directed honest effort.

https://www.saicollege.org/College.aspx?PageName=Mission%20and%20Vision

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- The College has a rich legacy of 17 years and is functioning on its core values dedication, honesty and integrity, optimism, team spirit, devotion, continuous advancement, Innovation, hardwork and mutual trust and respect.
- College has **locational advantage** of being in the heart of the Bhilai Steel Plant township and at just 500 meters from Bhilai Nagar Railway Station.
- o Guidance of Chairman who has a vast experience.
- Both the Head of the Institution, **Director and Principal**, are dynamic persona with calm and kind nature. They are energetic, competent and take keen interest in facing all the challenges and matters related to academics and student welfare.
- The **work culture is positive** and conducive for all the staff members.
- Well Qualified, experienced and dedicated staff. Five of our teaching staff members have been empanelled as Research Guides for PhD Programme under the affiliating University. One teaching staff is the Chairman of Board of studies Computer Science, Hemchand Yadav University, Durg. She is also the member of Central Board of Studies.
- Enriched infrastructure of Classrooms with LED Projectors and well equipped laboratories in all subjects. Computer Laboratories with 430 Computer Systems.
- ICT enabled interactive and student centered techniques adopted by majority of the teachers.
- o Active Alumni Association and Training & Placement Cell
- More than 17000 books & NLIST Subscription in the library. No student is required to purchase books during the course duration and every student is issued books in all subjects for unlimited period during the session.
- Teaching is done in both Hindi and English medium.
- Active NSS wing which has conducted 118 programs during last five years.
- Willingness of teaching faculties to accept administrative responsibilities along with teaching.

- Multiple feedback mechanisms by various stake holders and timely action taken accordingly by the college management.
- Focus of college on **inculcating a habit of social service among students** by involving them in Social welfare Committee, Red Cross Committee and Red Ribbon Cell activities and Blood donation.
- Robust **Mentor-Mentee System** is in practice.
- Calm and Green college premises, best suited for teaching learning process.

Institutional Weakness

Any academic institution while growing, faces many constrains and has to make diligent efforts to overcome and improve upon them. The college acknowledges its shortcomings and is trying its best to overcome the same. The areas which need rethinking and remedial measures include:

- Majority of the students who take admission are from hindi medium background. For this, College conducts Communicative English to bridge the language barrier.
- Since the course curriculum is as per the affiliating University therefore college has no flexibility in the moderation of academic curriculum
- Space constraints in the college premises for expansion. However college has focused on vertical expansion.
- Very limited involvement of students in research and publication.
- Majority of the students in the college are in IT and Biotechnology subjects. Low placements in IT and Biotechnology related courses because of lack of related industries locally.
- PG Courses in many of the subjects are yet to be started.
- Limited national/international academic collaborations and cultural exchange programmes
- No International students in degree programs.
- Weak socio-economic background of the students hinders their studies.
- Lack of patents by teaching staff and involvement in Government funded projects by the teachers.

Institutional Opportunity

- The institution may evolve itself into a PG College in the near future.
- Institutions has all necessary ICT enable infrastructure. More number of teachers have the opportunity to use these in teaching learning process and hence improve the same.
- To further widen the range of programmes by introducing more number of job oriented programmes enhancing global competence in students
- There is scope for the college in multiskilling and enhancing employability of students by initiating new vocational courses and collaborating with industries of similar domain.
- Institution has a scope to add more MOUs with institutions, industries and organizations of the adjoining areas.
- The college has an opportunity to register the in house incubation center "SAI KALAKRITI KENDRA" with the respective scheme of Govt of India and benefit students with various entrepreneurship related schemes of the Government.
- To establish college as a Research center in various departments.
- To motivate students to register in SWAYAM portal and NPTEL courses.
- To enrich students with latest technologies like Data Science, AI, Machine learning, IOT and Android programming.

Institutional Challenge

- To improve the English Communicative skills of students of hindi medium background as per the expectations of the companies who come for placement.
- Lack of industries in the related subjects, thus resulting in lower employability rates.
- Sustaining in a region where new private universities and more of Government Colleges are coming up each year is a challenge, as this is affecting enrollment numbers of students and retaining experienced teachers is difficult in such a scenario.
- Finding opportunities to obtain funds from Government and Non Government organizations for the development of the college.
- University Curriculum of IT Courses is not flexible to add latest topics/subjects.
- Attracting students from other states.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

College follows the curriculum prescribed by the affiliating university and has developed an effective and structured mechanism to implement this curriculum. The head of the departments along with the teaching staff in consultation with the IQAC Coordinator finalise the college academic calendar, time table for the session, schedule for the project work and assignments and the same is communicated to the students at the beginning of the session. Teachers ensure that the syllabus is divided in such a manner that it is completed well in time before the commencement of the exams. Teachers maintain a daily diary wherein they record the details of course coverage which is evaluated by the Principal on a weekly basis. Extra classes are conducted on need basis to complete the syllabus in time. Performance of the students is closely monitored through continuous internal assessments and corrective measures are taken by teachers concerned through remedial and doubt sessions.

Teachers use innovative teaching methodology like presentations, assignments, group discussions, workshops and industrial visits to provide an insight into the given topic and boost the learning process.

The POs and COs are defined for all Programs and all courses. Teachers ensure all these outcomes are met as a result of curriculum delivery.

The assessment of curriculum implementation is monitored by the Principal, IQAC & the $\,$ Dean/HODs $\,$. Regular feedback from students is obtained by the Director / Principal / IQAC Coordinator through regular visits to classes and through feedback formats filled by students

College has conducted 13 Value added certificate courses in last 5 years. These courses have been designed with an aim to be beneficial for students by adding value to them for entrepreneurship and self employment.

Cross cutting issues are integrated in the curricula framed by the university and are also addressed through regular activities of various societies/clubs, NSS Wing, Youth Red Cross and Red Ribbon Club and also through other extra-curricular and co-curricular activities conducted throughout the session.

College ensures that its teachers and other support staffs practice the best professional ethics and

conduct in their day-to-day work.

Project Work is an integral part of curricula. Apart from this students are motivated to undertake Internships to have an on-the-job experience. Industrial visits are conducted on regular basis.

Feedback on all aspects involved in teaching-learning process, including curricula are collected from all stake holders. Feedback collected is analyzed and action is taken in time-bound manner for corrections and improvement.

Teaching-learning and Evaluation

The college has maintained its existence since 17 years among several Government and Private Colleges and various Private Universities in the region and is well known for delivering cost effective quality education.

- The current student strength of the college in session 2022-23 is 1038 which is the highest since the inception of college.
- Number of students admitted in 2022-23 is 613 which is 28% higher than the number of students admitted in 2021-22.
- However the average percentage of enrollment in last 5 years in college has been 51%.
- College is working on improving the enrollment percentage and increase in total student strength of the college from 898 in 2021-22 to 1038 in 2022-23 is a clear indication of the efforts of college in this direction.
- Around 39% percent of the seats have been filled against the reserved seats for various categories as per reservation policy of state government in last 5 years.
- The student- fulltime teacher ratio in session 2021-22 was 32.07. This ratio has improved in the current academic session 2022-23 and is 28.86
- The demand ratio for BCA, BCom, BBA in the current academic session has been 1:1.49, 1:1.18 and 1:1.42 respectively and for MSc Chemistry, MSc Biotechnology, PGDCA in the current academic session has been 1:3.7, 1:2.8 and 1:1.15 respectively.
- College has adopted various student centric methods experiential, participative and problem solving methods to enhance the teaching-learning experience with special reference to using ICT tools by all stake holders. For this college has strengthened its IT infrastructure year after year and has taken steps to educate all stake holders in using this in teaching-process.
- Average percentage of teachers against sanctioned posts in college has been 98.5% during last 5 years.
- Average percentage of teachers with Ph.D/ NET/SLET have been 29.4% in last 5 years.
- Being an affiliated college, The internal and external assessment process followed by the college is transparent and is as per the affiliating university guidelines. College follows a systematic and transparent Internal and External assessment mechanism. The grievance mechanism for internal assessment and external assessment (both at college level and university level) is well defined and is monitored so that each and every grievance is addressed within the defined time-frame in an efficient manner to the satisfaction of the student.
- The POs (Program Outcomes) and COs (Course Outcomes) have been defined by subject experts under guidance of IQAC so as to clearly indentify objectives for both teachers and students and also to specify the proposed desired skills which a student would attain on completion of course / end of a program
- All stake holders are informed about the POs and COs through college website and other defined methods.
- The attainment of the POs and COs have been evaluated.

• The average pass percentage of students during last 5 years has been 88.96% and 19 students of the college have been in the University merit list in last 5 years.

Research, Innovations and Extension

College is striving to motivat the teaching staff members to work more extensively in the area of research and publication. For this college has incorporated a policy to reimburses the expenses incurred in the area of publication of papers in UGC CARE approved journals and presenting research papers in conferences.

College has created an ecosystem to stimulate, support and encourage the innovative ideas of the students.

College aims to develop a culture of taking entrepreneurship/self-employment as a career option amongst the students for which initiatives for creation and transfer of knowledge have been taken. These include –

Establishment of incubation centre "Sai Kalakriti Kendra" which has conducted trainings on soap making, jewellery designing, making of paper bag and envelope, making of hand made paper etc.

- College has an Industry Academia Collaboration with BOSCH to impart training to the students on—subjects related to Skill Entrepreneurship for youth and other related topics.
- Industrial visits and business fairs are organized for students.
- Guest lectures and workshops topics like Pisciculture (Fish farming) and mushroom cultivation have been organized
- To inculcate scientific aptitude in students we allot projects and assignments.
- Basic computer training is imparted to the students of all the streams in the to develop basic computing skills.

17 workshops, seminars and related activities have been conducted to inculcate a sense of entrepreneurship and to develop knowledge on Research Methodology, Intellectual property Rights (IPR) during the last five years

28 research papers have been published by teachers during last five years in various journals.

20 papers / chapters have been published published by teachers in national and international conference proceedings in last five years. Also one of our teachers has co-authored a book.

NSS wing along with Eco Club, Youth Red Cross Committee and Red Ribbon Club of college have conducted several extension activities in the neighborhood to spread awareness towards environment conservation, nutrition, health, hygine, AIDS, Pollution control, COVID and its vaccination, cleanliness, ujjwala and jan dhan yojna, fit india movement, sveep, blood donation, anticorruption etc

College and students have received many awards and recognitions for the work done. Some of them include Appreciation from Hon'ble Governor of Chhattisgarh for the work done in the area of blood donation, award from affiliating university for the work done in environment and water conservation. Appreciation from NGOs for social service activities done in old age home. Appreciation from Sarpanch of three neighbouring villages for conducting awareness drives , medical camp and welfare activities in these villages. College was ranked at Fourth Position among all colleges affiliated to Pt Ravishankar Shukla University Raipur on various quality parameters during session 2012-13

Students of college have been awarded / recognized for participation and their excellence in various sports at university, state and national level and other competitions organized by the affiliating university.ctiv

Teachers of the college have received recognition for their distinguished services as academicians and other activities.

College has undertaken 14 MOUs and linkages with various organizations for faculty and student exchange, internships and other academic and extension activities.

Infrastructure and Learning Resources

Over the years college has developed best infrastructure facilities for the students in terms of well-equipped laboratories in each subject, furnished ICT enabled class-rooms, well stocked library with e-library facility and other teaching aids. There are 17 classrooms, air-conditioned staff room and 14 laboratories in all the science and computer subjects.

- With Lord Hanuman ji's temple at the entrance and a 14 feet Swami Vivekanand ji's statute in the centre of the calm and green premises is best suited for teaching learning process.
- Majority of the Classrooms and Laboratories, are equipped with LED Projectors with cabled / wifi internet facility.
- The whole premises including the parking area is under CCTV surveillance, thus making the premises safe and secured.
- The administrative area of the college comprises of Office space for Director, Principal, IQAC Coordinator, Front Office and help desk.
- College has its own HT Electrical Substation to cater to the power needs, a 40 KVA Online UPS is connected to the computer labs and a 125 KVA Diesel Generator Set for power backup
- Water Coolers with UV filter, clean washrooms for boys, girls and staff are available.
- College has its own Android mobile application through which teachers and students can interact with each other, have discussions and share study material.
- An air-conditioned Multipurpose hall is available for all in-house cultural events and yoga sessions.
- Cafeteria in the college provides snacks to the students and staff at subsidised rates.
- Transport facility is available for students and staff
- Girls Common Room has a sanitary napkin vending machine.
- First Aid Box and Fire Extinguishers is available at all prominent places in the premises.
- In-house Identity Card Printing Facility is available.
- Wheel Chair is available at the entrance for differently abled..

College does a financial planning each year before the commencement of session and a budget is prepared keeping in mind the past expenses head-wise and future plans of the institution.

On an average 25% of total expenditure, excluding salary has been used for infrastructure augmentation and 15 % of total expenditure excluding salary has been used for maintenance of infrastructure during last five years.

Library has a collection of 17000 + books with a reading space having 10 computer systems with internet facility and Photocopy facility and basic stationary is available in the library at nominal cost. Sai College has a

distinct feature that NO STUDENT OF THE COLLEGE IS REQUIRED TO PURCHASE BOOKS DURING THE COURSE DURATION. Library is automated with SOUL Integrated Library Management System with OPAC (Online Public Access Catalogue) feature.

College has subscribed for NLIST for students and staff to access more than 6000 e-journals, 199500 e-books. Rs.1145189 has been spent in purchase of books for library during last five years. Students are encouraged to use library facilities often and a library visitor record is maintained in the library.

Student Support and Progression

College is a student- centric institution which aims at providing necessary assistance to students to have memorable and meaningful experience of learning.

The institution provides opportunities to students for scholarships under various government schemes for SC, ST, OBC, Minority, institutional scholarship and fees concession schemes as well as fees concessions granted to wards of staff and needy students. 1471 students have benefited from these schemes during the last five years.

Thirty Seven Capacity building and skills enhancement initiatives have been taken by the college in the areas of soft skills, language and communication skills, life skills and computing skills enhancement during last five years.

College has conducted eighteen programs during last five years to benefit students benefitted by guidance for competitive examinations, career counseling and motivating them for self-employment and entrepreneurship.

College works on zero tolerance for any grievance related to sexual harassment and ragging cases. Undertakings are signed by students and parents in respect to the anti-ragging. Since the inception, no such case has been reported. College has regularly implemented guidelines issued by regulatory bodies and policy and redressal mechanism has been framed. For this Grievance Redressal Committee, Internal/External Assessment grievance redressal cell, Internal Complaint Redressal Committee, Anti-ragging committee and women cell are functional. All these cells and committees are active and ensure that all stake holders are aware of the zero tolerance policy of college in this regard and ensure timely redressal of any grievance received to the satisfaction of the complainant. College has framed mechanism to collect grievances though online and offline mode.

College has taken up Students progression for higher education and out-going students placed as a priority area of improvement from the current session. However the average percentage of such students has been 18% in last five years.

Twenty five sports and cultural programs have been conducted during last five years in which 1847 students have participated. College ensures mass participation of students in these.

College has a registered Alumni association. Alumni of the college are well placed in various organizations and many of them have taken up self-employment. Alumni has contributed financially and non-financially which

has lead to improvement in teaching-learning and infrastructure. Alumni meets are organized on regular basis.

Governance, Leadership and Management

The governance of the College is reflective of effective leadership and is in tune with the vision and mission of the Institution which is encapsulated on the college website and college prospectus & is disseminated among all stake holders. Sai College follows the practice of decentralization in its true sense, in all the three important pillars of the institution, viz. academics, administration and extra-curricular activities.

The practice of decentralization and participatory management is reflected in all the activities of the College through a strong and efficient Organogram of the college.

Various committees / cells / councils and clubs are in place through which staff members along with some nominated students participate in administration.

E-Governance is practiced in all areas of operations including Administration. Finance and Accounts and student admission and support through Sai College ERP and other software and applications developed for the purpose. Application of IT has been efficiently incorporated by college in all other areas of operations and services for the students through use of QR Codes at prominent places, Android mobile application, college website and whatsapp groups for students of all classes.

Various welfare facilities and services for staff members to motivate improves the overall morale of the employees have been incorporated by the college. Enrolment in EPF and ESIC Schemes of all to ensure social security, Free education to the wards of employees, Free transportation to staff as per need, Interest free loans are a few among the list of welfare schemes and facilities for staff in the college.

A mechanism of appraisal for faculty member is followed by the college through a Comprehensive Self-Assessment form as per the format of Higher Education Department and the outcome is used for analysis, suggestions and reforms.

A policy for reimbursement of expenses against research activities, presenting papers in conference, workshops etc has been formulated for teaching staff.

An average of 67 % of teaching and non-teachings staff have participated in Faculty development, administrative development programmes in last five years.

College systematically mobilizes and utilizes the funds in an optimum manner keeping a balance between routine functioning of the academic activities on regular basis maintaining proper standards and at the same time planning for future development of the institution. College regularly conducts external audits and fulfils all compliances in regards to TDS and GST of Government of India timely.

Since its incorporation in 2018, IQAC has contributed significantly in developing various quality assurance strategies and processes in academic and administrative domain, infrastructure augmentation, research and publication domain and extra-curricular and co-curricular activities domain leading to enhancement and improvement in all spheres of the functioning of college.

IQAC conducts regular meetings and collects feedback from all stake holders, analyses and uses these

feedbacks for improvement in all aspects in functioning of college.

49 Programmes have been conducted towards collaborative quality initiatives with other institutions in last five years.

College has regularly updated its details for the AISHE (All India Survey on Higher Education) and had been ranked at fourth position among all colleges affiliated to Pt Ravishankar Shukla University Raipur on various quality parameters during session 2012-13.

College is currently applying for the first cycle of NAAC. Also college has been certified for ISO 9001:2009 for Quality Management System and Environmental Management System ISO 14001:2015.

Institutional Values and Best Practices

College function on the policies framed by the affiliating university, State Government and the UGC. Sai College ensures that its teachers and other support staffs practice the best professional ethics and conduct in their day-to-day work. Code of conduct for students have been displayed in the college premises and on the college website.

College has achieved and maintained its core values – Dedication, Honesty and integrity, Optimism, Team spirit, Devotion, Continuous advancement, innovation, hard work and mutual trust and respect.

College takes active measures to ensure that gender equity is a sustainable pre-condition in each activity of the college.

79% of teaching staff and 50% of students in the college are females. Equal participation of students of all genders in various extra-curricular activities is ensured.

College is committed to provide safe and secure academic and work environment for students and staff respectively. The institution has zero tolerance on gender discrimination, ragging and sexual harassment related issues.

Institution has ensured to provide all necessary facilities for safety and security in the college for all, Counselling students and hygienic restrooms and common room.

College celebrates all national and international commemorative days of importance.

College has taken several steps in the direction of Energy Conservation. 100% lighting in premises through LED lights and replacement of all CRT monitors with LED monitors in computer lab is one such step in this direction.

Degradable solid waste, liquid waste and semi solid waste from laboratories, non-degradable solid waste, e-waste accumulated as a result of day-to-day activities of college are managed through a well defined process. College has till date disposed 388 Kg of e-waste for recycling though authorised e-waste management company with which college has a MOU.

Water harvesting and other steps in water conservation have been taken by the college.

Several Green Campus initiatives have been taken by the college and this has resulted in a best practice of the institution also. College has been certified for ISO 14001:2015 Environmental Management Systems and had conducted Green Energy Audit and Green Audit.

College understands its responsibility for differentially abled students and for this wheel chair assistance, voice reading software in library, rails and ramps and pedestrian and wheel chair friendly pathways are made available in the premises.

College has conducted 69 programs and events to promote inclusive environment towards cultural, regional, linguistic, communal socioeconomic and sensitization of all stake holders towards constitutional obligations values, rights, duties and responsibilities of citizens.

In the journey of imparting quality education, college has adopted two best practices:

- 1. INCLUSIVE LEARNING LIBRARY FOR STUDENTS with an objective to provide equal learning opportunities to students from all socio-economic backgrounds, by equipping them with curriculum text books (on loan) for the entire academic session. Books are fundamental for any learning, and this practice aims at eliminating all barriers for any student to be able to access the required books for their learning during the academic session.
- 2. SUSTAINABILITY: GIVING BACK TO ENVIRONMENT with an objective to institutionalise sustainable environmental existence with "Green Campus" initiatives, and include the need for clean & green environment as part of our educational plan.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College			
Name	SAI MAHAVIDYALAYA		
Address	SAI COLLEGE (SAI MAHAVIDYALAYA) STREET-69, SECTOR-6, BHILAI		
City	Bhilai Nagar		
State	Chhattisgarh		
Pin	490006		
Website	www.saicollege.org		

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Harmeet Singh Sachdev	0788-3500181	7024886996	-	director@saicolleg e.in
IQAC / CIQA coordinator	Mamta Singh	0788-2261823	9424137240	-	dydirectorsaicolleg e@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution		
By Gender	Co-education	
By Shift	Regular	

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	

State	University name	Document	
Chhattisgarh	Hemchand Yadav University Durg	View Document	

Details of UGC recognition			
Under Section	Date	View Document	
2f of UGC	25-08-2014	<u>View Document</u>	
12B of UGC			

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)					
Statutory Recognition/App roval details Inst authority Regulatory and programme Recognition/App roval details Inst authority Part Recognition Part Recogniti					
No contents					

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?	Yes
If yes, name of the agency	Pt Ravishankar Shukla University Raipur
Date of recognition	05-05-2014

Location and Area of Campus					
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	
Main campus area	SAI COLLEGE (SAI MAHAVIDYALAYA) STREET-69, SECTOR-6, BHILAI	Urban	0.79	3677.3	

2.2 ACADEMIC INFORMATION

Details of Pro	Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Pr ogramme/C ourse	Duration in Months	Entry Qualificatio n	Medium of Instruction	Sanctioned Strength	No.of Students Admitted	
UG	BSc,Science	36	HSSC	English,Hind	40	18	
UG	BSc,Science	36	HSSC	English,Hind	60	3	
UG	BSc,Science	36	HSSC	English,Hind	45	13	
UG	BSc,Science	36	HSSC	English,Hind	45	0	
UG	BBA,Comm erce And Management	36	HSSC	English	40	27	
UG	BCom,Com merce And Management	36	HSSC	English,Hind i	180	101	
UG	BCA,Compu ter Science And Application	36	HSSC	English,Hind i	100	93	
UG	BSc,Comput er Science And Application	36	HSSC	English,Hind i	60	3	
UG	BLibSc,Libr ary Science	12	UG	English,Hind	50	20	
PG	MCom,Com merce And Management	24	UG	English,Hind i	60	24	
PG	MSc,Comput er Science And Application	24	UG	English,Hind i	40	22	
PG	MSc,Chemis try	24	UG	English,Hind	40	40	
PG	MSc,Biotech	24	UG	English,Hind	15	15	

	nology			i		
PG Diploma recognised by statutory authority including university	PGDCA,Co mputer Science And Application	12	UG	English,Hind i	220	195

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Profe	Professor				iate Pr	ofessor		Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0			1	0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0		'		0
Sanctioned by the Management/Soci ety or Other Authorized Bodies				0				0				36
Recruited	0	0	0	0	0	0	0	0	8	28	0	36
Yet to Recruit				0				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				22			
Recruited	15	7	0	22			
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				0			
Recruited	0	0	0	0			
Yet to Recruit				0			

Qualification Details of the Teaching Staff

	Permanent Teachers									
Highest Qualificatio n	Professor		Associate Professor		Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	6	0	7
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	0	0	1
UG	0	0	0	0	0	0	0	0	0	0

	Temporary Teachers									
Highest Qualificatio n	Professor		Associate Professor		Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	2	0	2
M.Phil.	0	0	0	0	0	0	0	2	0	2
PG	0	0	0	0	0	0	4	15	0	19
UG	0	0	0	0	0	0	0	0	0	0

	Part Time Teachers									
Highest Qualificatio n	Professor		Associate Professor		Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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
UG	0	0	0	0	0	0	0	0	0	0

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

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

Programme	Programme		From Other States of India	NRI Students	Foreign Students	Total
UG	Male	138	15	0	0	153
	Female	108	17	0	0	125
	Others	0	0	0	0	0
PG	Male	31	3	0	0	34
	Female	67	0	0	0	67
	Others	0	0	0	0	0
PG Diploma	Male	87	0	0	0	87
recognised by statutory	Female	107	1	0	0	108
authority including university	Others	0	0	0	0	0
Diploma	Male	25	0	0	0	25
	Female	14	0	0	0	14
	Others	0	0	0	0	0

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

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	40	27	28	32
	Female	49	46	40	39
	Others	0	0	0	0
ST	Male	39	46	51	44
	Female	44	45	47	27
	Others	0	0	0	0
OBC	Male	159	134	135	147
	Female	117	104	116	130
	Others	0	0	0	0
General	Male	189	136	116	115
	Female	261	187	192	184
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total	898	725	725	718	

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:

College has already adopted the approach of Multidisciplinary and Interdisciplinary in true sense.

• To have a better understanding of NEP 2020, all teachers of college have registered for the Professional Development Programme on Implementation of National Education Policy offered by IGNOU. LINK OF RELATED DOCUMENT - htt ps://www.saicollege.org/Content/1349_421_22%20N EP%20Registration.pdf • Teaching staff members have been motivated to participate in FDP on National Education Policy 2020 organized by other institutions. LINK OF RELATED DOCUMENT - htt ps://www.saicollege.org/Content/1348_420_NEP%2 OWorkshop%20Certificate.pdf • To incorporate

multidisciplinary approach, students of Department of Commerce and Management in the current session have enrolled themselves in a one year Diploma program in Computer Applications along with the BCom Program. LINK OF RELATED DOCUMENT - https://www.saicollege.org/Content/1335 417 3%2 0DCA%20Ordinance.pdf To promote this multidisciplinary approach of learning, college has waived off the complete college fees of the Diploma Program • College has been conducting interdepartment lectures. Thus College has already prepared & operational for Multidisciplinary / Interdisciplinary activities in view of NEP 2020. Further, College follows the curriculum framed by the affiliating university and will implement all provisions of NEP 2020 in terms of multidisciplinary / interdisciplinary as soon as the university incorporates such provisions in the curriculum.

Registration under ABC in the Academic Bank of Credits (ABC) is primarily meant for Universities

2. Academic bank of credits (ABC):

and Students. College has initiated a drive among the students to register themselves in the ABC Portal. For this college has made an explanatory video so that students can easily register themselves in the portal. THE LINK TO THIS VIDEO IS https://youtu.be/f3krVx6FfAc Till date more than 156 students of college have registered in the ABC Portal. Registration of students in ABC Portal will help them in availing the benefit of multiple entries and exit during the chosen program. College will develop a system for executing ABC and VERIFIYING Awards through ABC Portal as soon as the University adopts this system in the curriculum of all programs, as college is an affiliated college and follows curriculum framed by the university. The curricula of PG programs already follows credit system. However the curricula of UG program is still to be restructured by the university to credit system as per the guidelines of CG Higher Education Department and then the policy related to ABC will implemented in true sense. Students are being updated and encouraged to register in online courses through various National Schemes like SWAYAM -NPTEL etc, and forty students are already registered in various courses of NPTEL. LINK OF RELATED DOCUMENT- https://www.saicollege.org/Content/1 363_426_nptel.pdf Elective courses are being offered

2	C1z:11	development:
う .	SK111	development:

in PG programs and some UG Programs.

The College has taken the following initiatives in the area of skill development with an aim to motivate students for entrepreneurship, self-employment and with an aim to bridge a gap between industry and academia. • College has a functional incubation centre - "SAI KALAKRITI KENDRA" which has organized training sessions and workshops on soap making, artificial jewellery designing, hand made paper and related articles making, paper bag making, idol making out of clay etc LINK OF RELATED DOCUMENT - • Students of all departments are regularly taken for industrial visits to inculcate a sense of entrepreneurship, self-employment in them LINK OF RELATED DOCUMENT - https://www.sa icollege.org/Content/1365_427_Industrial%20visit.p df • College has an industry-academia collaboration with BOSCH for training students on courses designed by BOSCH. Two of the areas of training are Skill Entrepreneurship and Future Skills. LINK OF RELATED DOCUMENT - https://www.saicollege.or g/Content/1334_417_2%20BOSCH.pdf • College has sent Expression of Interest for the new BOSCH Industry Academia PRIDE Scheme, wherein college has agreed to provide platform for Skill entrepreneurs. LINK OF REATED DOCUMENT - ht tps://www.saicollege.org/Content/1333_417_1%20Pr ide.pdf • Value added Certificate courses have been conducted by college on topics like Mushroom Cultivation and Tally with GST, keeping in mind that as a result of training in these areas, students can opt for self-employment. • Students are also motivated to undertake internships during their period of course duration to have a better understanding of the work done in industries / organizations.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

Teaching in college is undertaken in both Hindi and English. College has always promoted Hindi language through by celebrating Hindi Diwas every year and organising invited talk/lecture and conducting competitions like Kavita Path, Essay Competitions etc. The state Government also promotes hindi language in higher education system. College has also focused on Chhattisgarhi language by organising local festivals like Hareli tihar, spreading greetings of local festivals in Chhattisgarhi language through social media and organizing competitions with an aim to make students aware of

the heritage of local language and culture. College had conducted teaching through online mode during pandemic pre-recorded lectures and live recorded lectures. For this college has its own mobile application where students can view recorded lectures 24 by 7. During pandemic college had also conducted Inter College Kavita Path Competition with an aim to engage students during pandemic and promote the rich heritage of local language among students. 5. Focus on Outcome based education (OBE): Yes, College has minutely planned for Outcome Based Education. In order to adopt student centric learning Outcome based education model, college has defined COs and POs so as to clearly identify objectives for both teachers and students and also to specify the proposed desired skills which a student would attain on completion of course / end of a program. Program Outcomes (POs) and Course Outcomes (COs) have been deifined by subject teachers after considerable brainstorming under guidance of IQAC and subject experts. Further, there is a strong and structured mechanism for evaluating the attainment of them, thus making the course outcome specific, measurable, achievable and time bound; making the process Outcome based. 6. Distance education/online education: College is a study centre of Distance Education for Pt Sunderlal Sharma Open University for all students. College has successfully conducted Online Education through distance mode during pandemic by conducting teaching through online mode by way of pre-recorded lectures and live recorded lectures. LINK OF SAMPLE RECORDED LECTURES - http s://www.saicollege.org/Content/1361_424_SAMPLE %20Video%20Lecture%20Links.pdf For this college has its own mobile application where students can view recorded lectures 24 by 7. Teachers of college have also contributed in developing e-content for the portal developed by Chhattisgarh State Government Higher Education Department and University portal for the purpose. Teachers in all science subjects have created content for conducting practical sessions virtually and the related videos were share among students through college mobile application and whatsapp groups of respective programs. 40 Students have registered themselves for NPTEL courses. Further, college has been promoting students to undertake courses through portals like Coursera for additional learning, thus promoting online learning.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
898	725	725	718	865

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 66

6	File Description	Document
	Upload supporting document	<u>View Document</u>
	Institutional data in the prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
28	24	30	28	26

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
149.76	71.23	95.35	127.2	68.21

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

The College is affiliated to Hemchand Yadav Vishwavidyalaya, Durg and follows the curriculum laid down by the affiliating university. Over the years the institution has developed and adopted a structured and effective method to implement the curriculum in line with the vision and mission of the college.

At the outset, departmental committees of the college comprising of Dean / HODs and faculties as their members, conduct meetings to develop and revise strategies for effective implementation of the curriculum.

- The head of the department invites suggestions for academic planning, innovative methodology, distribution of syllabus and schedule of class room lecture from all the faculty member of respective departments.
- HOD then conducts a brain storming session with them discussing each and every suggestion and also various other suggestions that have being given in the past by guest faculties, alumnus and industry experts and sets the time table schedule of each subject for the session.
- A draft plan prepared by the departmental committee and approved by HOD is then forwarded to IQAC Coordinator along with the time table schedule and plan for project works and assignments to be conducted during the session.
- The IQAC Coordinator examines the plan in details and gives necessary suggestions if required and finally an approved plan is prepared jointly.
- The college academic calendar is then prepared and uploaded on the website and communicated to the students during induction programme.
- The departmental committee ensures that the syllabus is divided in such a way that it is completed well in advance before commencement of the examination. Under extra ordinary circumstances the completion of syllabus is delayed ,the HOD in consultation with the IQAC Coordinator arranges for extra classes of the given program
- Books for library, Lab equipments and other resources are procured by the college management as per the requirements of the HODs and teachers.
- All the faculty members maintain a daily diary wherein they record the details of course coverage, which is submitted to the HODs and then evaluated by the Principal on a weekly basis.
- The academic performance of students is closely monitored and evaluated through unit test, half yearly test and model exams for all the programs.
- A uniform system is adapted for all the programs. Also the performance of students is enhanced through remedial classes, solving doubts of students on one to one basis during and after the class by respective teachers.
- Faculties use innovative teaching methodology to provide an insight into the given topic and boost the learning process such as

- Presentations
- Assignments
- Group discussion
- Workshops
- Industrial visits.

The POs and COs are defined for all Programs and all courses. Teachers ensure all these outcomes are met as a result of curriculum delivery.

The assessment of curriculum implementation is monitored by the Principal, IQAC & the Dean/HODs. Regular feedback from students is obtained by the Director / Principal / IQAC Coordinator through regular visits to classes and through feedback formats filled by students. The link of student feedback format is also available on the college website

File Description	Document
Upload Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 13

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 16.05

1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
316	37	105	72	101

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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:

The curriculum prescribed by the affiliating university integrates a number of cross cutting issues relevant to Professional ethics, Gender, Human Values, Environmental and Sustainability The UG University curriculum has a compulsory paper on Environmental Studies which is designed and developed by experts.

The institution also facilitates an understanding of such issues among students through project work, presentations, assignments and field work. Co-curricular and extra-curricular activities conducted by college annually revolve around building of high moral values and behaviour focussing professional ethics, gender equality, sensitivity to human values and environment & it's sustainability.

Sai College ensures that its teachers and other support staffs practice the best professional ethics and conduct in their day-to-day work. Feedback from the students is taken in this respect from time to time. The college strives to inculcate among student's scientific outlook & respect the dignity of labour. The teachers are encouraged to be affectionate to students and be unbiased & not be vindictive. The teachers focus on the achievement of their students and are allowed to express free and frank opinions while participating in various meetings, seminars, conferences & workshops towards contribution of knowledge.

Right human values are pillar stones for a peaceful and harmonious society. The college promotes these values among the students through curriculum, teaching, co-curricular & extra-curricular activities. We closely monitor qualities such as discipline, conduct, honesty, tolerance and self-esteem among the students. Any issue arising out of indiscipline, violence, non-cooperation, dishonesty, intolerance is dealt with strictly. Values like integrity, responsibility, commitment, peace, cooperation, non-violence and human values are promoted through activities like donation camps for orphanages, providing one-day service to old age homes, teaching health and hygiene in slum areas, distribution of books to students from slum areas.

The NSS unit of the college takes up all the societal issues and conducts field work, students contribute voluntarily towards community welfare through shramdaan, plantation of trees, cleanliness programs, conducts workshops and organizes rallies for awareness towards HIV & AIDS & deaddiction. Blood Donation camps, "Swachh Bharat Abhiyan", celebration of National Youth Day, Teacher's Day, Yoga Day, World Population Day, Door to Door campaign for celebrating pollution free Diwali are some of the programs which integrate the cross-cutting issues relevant to Human Values and Environment Sustainability.

Women Cell in the college focuses on the well-being of women and girl students and exercise sensitivity to create a safe teaching & learning environment for its female teachers and students. Workshops and lectures are conducted for training of the female students for self-defence and teach them the legal recourse and facilities provided by the government to overcome domestic abuse and sexual harassment in public and private spheres. Women Cell also provides counselling sessions for the female students on need basis. Sai College organizes various programs for promotion of gender equality such as World Health Day, International Women's Day and has participated in campaign for "Beti Bachao, Beti Padhao" scheme of Central Government.

Students play nukkad nataks on issues related to gender discrimination, untouchability etc

The Eco-Club of the college conducts various activities to educate the students towards green consciousness and their social responsibility towards the environment. Initiative of environment sustainability is exercised in college by vermi-composting of degradable garden waste of college and using this compost in the garden area of college.

File Description	Document
Upload Additional information	<u>View Document</u>

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

Response: 50.89

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 457

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 50.89

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
476	300	362	343	486

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
905	785	725	725	725

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	View Document

2.1.2 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: 39.3

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

2021-22	2020-21	2019-20	2018-19	2017-18
174	133	177	174	220

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

2021-22	2020-21	2019-20	2018-19	2017-18
524	453	419	419	419

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 32.07

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 using ICT tools

Response:

College has adopted various student centric methods to enhance the teaching-learning experience with special reference of using ICT tools by all stake holders. For this college has strengthened its IT infrastructure year after year and has taken steps to educate all stake holders in using this in teaching-process. Student Centric methods used in this direction are -

EXPERIENTIAL LEARNING

The vision of Sai College is to create a learning environment where students learn by doing. Experiential learning activities include **laboratory experiments**, **internships**, **industrial visits**, **workshops**, **participation in organizing various events and competitions**.

Various extra curricular activities are carried out throughout the year like workshops on mushroom cultivation, artificial jewellery designing, preparing of handmade paper and making decorative/useful items out of it, Making Paper bags, making idol from clay. Various competitions like cooking competition, business plan competition, rangoli and mehandi competition and exhibitions for display of static as well as working models and other creative items made under "best out of waste" has helped students in learning by doing, hence enhancing their skills. All these activities provide students an atmosphere to learn, create and become socially aware of the environment around them. The college also emphasizes student's participation in games, Yoga and meditation for all around physical development of students.

Students give presentations to enhance communication and ICT skills and motivate their peers. The

students are encouraged to undertake internships in various organizations so that they can have an experience of the real work environment, which adds on to their experiential learning.

PARTICIPATIVE LEARNING

The approach of Participative learning is adopted as a student centric tool for teaching.

Different departments conduct programs in which the students participate from the grass root level and work in team to implement the same, thus enhancing their leadership skills, team work, inter personal interactions, communication skills and planning ability.

Students participate in NSS Camps, Workshops, seminars, group discussions, Quiz competitions, study tour, industrial visit, Campus & Placement drives throughout the year. College focuses on mass participation of students in various cultural events like Annual Day, Farewell function and other events like Ganesh Puja Celebrations. The active role of students in organizing such programmes inculcates decision making ability and leadership quality among the students. Their involvement in planning and execution of such activities, generating resources and implementing budgetary controls teaches them many life skills such as discipline, civic engagement, cultural awareness and enhancing their ability to manage.

PROBLEM SOLVING METHODOLOGIES

Problem solving methodology is another major tool which is implemented by the college to enhance the learning ability of the students, **Project based learning**, **teaching through case studies**, **mandatory submission of assignments**, **quiz competitions**, **programming contest**s are conducted on regular basis. All these help students in enhancing their problem-solving ability

File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 41.21

2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
66	66	66	66	66

File Description	Document
Upload supporting document	View Document

2.4.2 Percentage of full time teachers with NET/SET/SLET/ 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: 29.41

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

2021-22	2020-21	2019-20	2018-19	2017-18
9	10	10	6	5

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The internal and external assessment process followed by the college is transparent and is as per the affiliating university guidelines.

MECHANISM OF INTERNAL ASSESSMENT

Number of initiatives are taken by IQAC to ensure that internal assessment is transparent and accountability, effectiveness and efficiency is maintained with the involvement of the teachers. Students are assessed internally multiple times by means of Units tests, term and half yearly, model / pre-final examinations. As per the University notification the internal assessment marks are awarded on the basis of

marks obtained by the student in Half Yearly /Mid term examination.

- The schedule of all the Internal examinations is communicated to the students well in advance through academic calendar and notices.
- There is **Examination Committee** which ensures that all students appear in the internal exams. This committee is also responsible for conducting all internal exams from beginning to end without any malpractice.
- **Re-tests are conducted** for students who are absent in the internal tests.
- Teachers also assess students throughout the session through their participation in seminar presentations, performance in class, assignments, attendance, surprise tests, lab performance.
- All internal tests are evaluated by teachers within stipulated time period. Solutions of the tests are discussed in the class.
- Grievances related to evaluation of internal assessment are handled by teachers and redressal of the same is done.

MECHANISM OF EXTERNAL ASSESSMENT

- The **affiliating university has full control on the external assessment** and this is purely on the basis of term-end exams conducted by the university.
- College is designated as an examination centre for University examinations.
- Principal ,who is the superintendent of university examinations is assisted by an **examination** committee which plans and conducts the examinations in a transparent manner as per the university guidelines.
- Teaching staff act as Invigilators. They prepare seating plan as per the norms and the same is displayed on the notice board.
- In order to ensure fair conduct of examination, university flying squad conducts surprise visits. All the examination rooms are monitored through CCTV surveillance also.
- College has successfully conducted all University examinations in a fair manner without any complaints and grievance since its inception.
- o Grievances related to external assessment are handled in two different ways-

1.AT COLLEGE LEVEL

- All grievances received from students in terms of discrepancies in admit card, results and marksheets are immediately forwarded to the university for necessary corrections.
- Any grievance related to questions in the question paper of the external assessment received from the students is forwarded to the university for review and necessary action by the Principal.

2. AT UNIVERSITY LEVEL

- Students who have grievance with the marks obtained in the external assessment apply for receiving copy of their answer sheets or revaluation as per the university norms.
- Students are immediately communicated by college about the information received from university in respect to their application for revaluation and related matters.

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

Since the institution is an affiliated college, it follows the syllabus, teaching learning and evaluation mechanism prescribed by the affiliating .

Inspite of the fact that affiliating university has not stated the POs and COs in its syllabus, in order to adopt student centric learning model, college has defined COs and POs so as to clearly identify objectives for both teachers and students and also to specify the proposed desired skills which a student would attain on completion of course / end of a program.

Program Outcomes (POs) and Course Outcomes (COs) have been defined by subject teachers after considerable brain storming under guidance of IQAC and subject experts.

METHOD OF COMMUNICATION OF POS AND COS

COMMUNICATION TO THE STUDENTS

• DURING ADMISSION COUNSELLING

When a prospective student comes for an enquiry of a particular program, he/ she is informed about POs and COs in addition to other details of program and college.

• DURING INDUCTION PROGRAM

Admitted students are once again informed about the POs and COs during the induction program which is conducted at the beginning of session.

• THROUGH COLLEGE WEBSITE

The outcomes of all the program and courses along with the course objective and mission vision of program are available in college website. Students are encouraged to regularly view content of college website.

• THROUGH THE LIBRARY , CONCERNED DEPARTMENT & DISPLAY IN CLASSROOMS

Along with the copies of syllabus, copies of POs and COs of all programs are available in the library and respective departments. POs and COs are also displayed in respective classrooms.

COMMUNICATION TO THE TEACHING STAFF MEMBERS

 POs and COs are communicated to teaching staff of respective departments by the IQAC Coordinator during interactions, so that they are able to resolve queries of students regarding POs and COs.

COMMUNICATION TO OTHER STAKEHOLDERS: PARENTS, EMPLOYERS

Parents and Employers are informed about POs and COs during PTA meetings and interactions
with employers respectively. Both stake holders are informed about the presence of these on the
institutional website.

ATTAINMENT OF PO CO

- Displaying and communicating the Programme Outcomes and Course Outcomes, will not suffice the purpose unless there is a strong and structured mechanism for evaluating the attainment of them.
- The course outcomes should be specific, measurable, achievable and time bound.
- The POs and COs are related to each other.
- the CO attainment target has been specified in percentage and the PO attainment target has been specified in levels (1,2 or 3).
- The evaluation component can be classified into internal and end Semester/Annual.

Attainment program outcome and Course outcome for PG courses is calculated through Direct and Indirect methods.

Attainment Level Calculation of CO and PO for different programs are as per scheme of marks of university and has weightage of 90% and 10% of direct method and indirect method respectively for all UG courses except BCA, for which the weightage is 80% and 20% for direct and indirect methods along with all PG Courses.

Direct method of calculation is on the basis of performance of the student in external examination conducted by university.

Indirect method of calculation is on the basis of assessment by teachers on various parameters including attendance, assignments, lab work, unit test etc

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

2.6.2 Pass percentage of Students during last five years

Response: 88.96

2.6.2.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
418	319	319	206	221

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

2021-22	2020-21	2019-20	2018-19	2017-18
423	321	326	271	326

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	<u>View Document</u>

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.77

File Description	Document
Upload database of all students on roll	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 in the institution during the last five years (INR in Lakhs)

Response: 1.54

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)

2021-22	2020-21	2019-20	2018-19	2017-18
0.102	0.8	0.125	0.26	0.25

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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:

College has created an ecosystem to stimulate, support and encourage the innovative ideas of the students.

With this objective in mind our college aims to develop a culture of taking entrepreneurship/self-employment as a career option amongst the students for which college has taken several initiatives for creation and transfer of knowledge -

- 1. Our college has established an incubation centre with the name "Sai Kalakriti Kendra" which has conducted trainings on soap making, coconut decoration jewellery designing and hand made paper and products making.
- 2. College has an **Industry Academia Collaboration with BOSCH to impart training to the students** on—Skill Entrepreneurship for youth, Future human competencies, Making of a developed country (soft skills and right attitudes) and Social responsibility.
- 3. Industrial visits to boost up the sense of entrepreneurship, workshops on personality development and business fair to encourage innovation and inculcate selling skills are organized.
- 4. Guest lectures and Seminars on related topics like **Pisciculture** (**Fish farming**) and visit to fish farm have been organized by the college.

- 5. College regularly conducts hands on **training on mushroom cultivation** with an idea that students can make this as a means of self-employment.
- 6. Training of making paper bags and envelopes, with newspaper and used papers have been imparted to promote ecofriendly environment in college campus and to motivate students for using paper bags in their daily lives. Students are also trained to make handmade paper and hand-made paper products from waste paper.
- 7. To develop innovative ideas in students they are given training to decorate earthen pots and **lamps**, which are used in college programs and events.
- 8. We offer gratitude to our guests by presenting hand crafted decorative coconut, made by our **students**, as a symbol of good luck and prosperity. By such activities we try to make connection of students with our rituals and traditions.
- 9. We honor our guests by offering a sapling thus spreading the message of environment conservation.
- 10. To inculcate scientific aptitude in students we allot projects and assignments, that help the students to focus on essential learning and it is an important way to teach the students managing their time.
- 11. Basic computer training is imparted to the students of all the streams to develop basic computer skills which includes emailing, preparing word document, excel sheets, presentations and basics of internet.
- 12. Connecting students with the nature is important in this direction and to save the bird sparrow, college has initiated a program by the named "Basera" in which staff and students made nests by using natural things and these nests are hanged on the trees in college premises.
- 13. We showcase the talent and creativity of the students through art and craft exhibitions and power point presentations so as to encourage and motivate all other students to think critically and try and acquire any talent and develop skills such as oral communications, public speaking, team work, planning, goal setting thus helping them to prepare for future.

File Description	Document
Upload Additional information	View Document

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

Response: 17

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

2021-22	2020-21	2019-20	2018-19	2017-18
10	0	2	2	3

File Description	Document
Institutional data in the prescribed format	<u>View Document</u>

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.42

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
6	5	5	6	6

File Description	Document
Institutional data in the prescribed format	View Document

3.3.2 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: 0.32

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

2021-22	2020-21	2019-20	2018-19	2017-18
2	1	17	0	1

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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:

Holistic development of students is possible only if apart from in-house college activities, students participate in extension activities and connect with the society and involve in activities which would be of benefit of the society and conducted with a cause.

Keeping this in mind various extension activities in the neighborhood are conducted each year with an aim to sensitize students on various issued related to

- Awareness on environment conservation through plantation drives
- Awareness on Nutrition and health
- Awareness on spread of Dengue, AIDS and COVID
- Participation in drives for eradication of Krimi (Deworming)
- Awareness on Pollution Control
- Awareness on COVID Vaccination drives and student's involvement in these drives
- Social activities for underprivileged.
- Visiting old age home and working for the inmates
- Visiting schools for special children and working for the inmates
- Visiting industries to understand the working and have exposure of work done
- Awareness on Swachhta under Swachh Bharat Abhiyan
- · Working on ground for Swachhta in surrounding areas and slums
- Working on ground and spreading awareness in rural areas
- Awareness on Ujjwala yojna and Jandhan yojna
- Awareness on Fit India movement
- Awareness on SVEEP and rights and duties of a voter
- Awareness on spreading message of Unity
- Awareness on Blood donation
- Participation in Blood donation camps
- Awareness for anticorruption
- Awareness on nature conservation through plant distribution drives and programmes like BASERA

 an initiative to save the bird sparrow
- Participation in exhibitions to exhibit the work done by students through incubation centre "Sai Kalakriti Kendra"

For these extension activities the staff members and students work together with the NSS wing, ECO Club, Red Ribbon Club and Youth Red Cross Committee of the college.

The extension activities has not only helped the society through work done by the students but has also helped students in -

- Understanding the community in which they live
- Understanding the relation in community
- Recognizing the problems and need of the community
- Understanding social and civic responsibilities
- Acquiring leadership qualities and democratic attitudes

• Understanding natural disasters and responsibilities to help society in need of hour.

File Description	Document
Upload Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

College has developed an ecosystem in which students and teachers participate in various extension activities in addition to the teaching learning process. Efforts of college, students, teachers have been recognized by the various organizations.

College has received-

- 1. Appreciation from Hon'ble Governor of Chhattisgarh on 14th June 2022 for the work done in the area of blood donation by organizing voluntary blood donation camps.
- 2. Appreciation from Astha Bahuudeshhiya Kalyan Sansthan, Bhilai -Old age home, for Social Work done for the residents of Old age home in 2019 and 2022.
- 3. First Prize among all colleges affiliated to Hemchand Yadav University, Durg for showcasing the initiatives taken by college towards environment conservation on the occasion of World Environment Day, awarded by the University on 5th June 2022.
- 4. Appreciation from Sarpanch, Village Hanoda which is the village adopted by the college for various activities done by the NSS Wing of College for the development and welfare of the village during 2020-21 and 2021-22
- 5. Appreciation from Sarpanch, Village Hanoda for door to door campaign on nutrition awareness and awareness on good touch-bad touch among villagers in December 2021.
- 6. Third Prize among all colleges affiliated to Hemchand Yadav University for showcasing the initiatives taken by college towards water conservation in June 2021 awarded by the university.
- 7. Appreciation from Sarpanch, Village Hanoda for activities done by the students of NSS wing of College for the development and welfare of the village during 2014-15 to 2019-20
- 8. Appreciation from Sarpanch, Village Khopli, Durg for activities done during the 7 days NSS Camp for the development and welfare of the village in December 2019.
- 9. Appreciation from Sarpanch, Village Hanoda for activities done by the students during Swachh Bharat Summer internship in July 2018.
- 10. Appreciation from Sarpanch, Village Selud, Durg for activities done during the 7 days NSS Camp for welfare of the village and organizing medical camp in village in association with Sparsh Multi Specialty Hospital Bhilai.
- 11. Ranked at Fourth Position among all colleges affiliated to Pt Ravishankar Shukla University Raipur on various quality parameters during session 2012-13

Students of college have been awarded / recognized for participation and their excellence in various sports like Roll ball, Arm wrestling, Taekwondo, Netball , handball at university, state and national level.

Hemchand Yadav University, Durg has awarded students for their excellent performance in extempore, essay and for best presentation in online video competition organized by the university.

Four Teachers of the college had been recognized as distinguished and innovative academicians in The Progress Global Awards 2021 by Sri Aurobindo Yoga and Knowledge foundation.

One teacher of the college received appreciation for being eminent speaker in the Faculty development programme at Govt KamladeviRathi PG Girls College, Rajnandgaon in 2021.

Three teachers of college have also received appreciation for their services during blood donation **camp** organized by Indian Red Cross Society in 2019.

One teacher of college had been honored for her valuable contribution in the field of education by Rotary Club through Registrar of the affiliating university.

File Description	Document
Upload Additional information	<u>View Document</u>

3.4.3 Number of extension and outreach programs 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: 56

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

2021-22	2020-21	2019-20	2018-19	2017-18
12	0	12	15	17

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative

research during the last five years. Response: 14 File Description Document Upload supporting document View Document Institutional data in the prescribed format View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The college is committed to provide the best infrastructure facilities to the students in terms of well-equipped laboratories in each subject, furnished ICT enabled class-rooms, well stocked library with e-library facility and other teaching aids. There are 17 classrooms, an air-conditioned multipurpose hall with PA system, air-conditioned staff room and 14 laboratories.

- The entrance of the premises has **Lord Hanuman ji's temple**.
- A 14 feet Swami Vivekanand jis statute in the premises inspires the youth.
- Out of the total Classrooms and Laboratories, 14 of these are equipped with **LED Projectors with** cabled / wi-fi internet facility.
- All Science subjects Chemistry, Zoology, Botany, Biotechnology and Physics have well equipped laboratories as per the requirements of the university curriculum.
- Computer Science department has 7 computer labs with 430 Computers. All the computers are
 in network with structured cabling connected to GBPS switches. College has three internet
 connections from three different service providers so as to get uninterrupted internet connection
 and has in-house arrangements for maintenance of the computer systems.
- A well stocked **library with 17000 + books** is available with a reading space having 10 computer systems with internet facility.
- Photocopy facility and basic stationary is available in the library at nominal cost.
- The whole premises including the parking area is under **CCTV surveillance**, thus making the premises safe and secured.
- The administrative area of the college comprises of **Office space for Director**, **Principal**, **IQAC Coordinator**, **Front Office and help desk**.
- College has its own HT Electrical Substation to cater to the power needs, a 40 KVA Online UPS is connected to the computer labs and a 125 KVA Diesel Generator Set for power backup, Water Coolers with UV filter, clean washrooms for boys, girls and staff are available.
- Apart from the **whatsapp groups for each class**, college has its own **Android mobile application** through which teachers and students can interact with each other, have discussions and share study material.
- Annual Function and Annual Sports Day is conducted each year in which mass participation of students is ensured in various cultural activities and indoor & outdoor sports events respectively.
 College also encourages students to showcase their talent by participating in cultural activities through out the year during various celebrations like Navratri, Savan Mahotsav, Independence day, teachers days etc.
- Yoga and meditation and Cultural activities are conducted in the Multipurpose hall.
- Cafeteria in the college provides snacks to the students and staff at subsidised rates.
- A Bus and a Tata Winger is available for students and staff to cater to the transportation needs as per requirements.
- Girls Common Room has a sanitary napkin vending machine.

- First Aid Box and Fire Extinguishers is available at all prominent places in the premises.
- In-house Identity Card Printing Facility is available.
- There are benches for seating of students and visitors in the common circulation area
- Wheel Chair is available at the entrance for differently abled.

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 27.13

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
56.48	6.19	10.63	43.01	22.53

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to eresources, amount spent on purchase of books, journals and per day usage of library

Response:

Sai College has a distinct feature that **NO STUDENT OF THE COLLEGE IS REQUIRED TO PURCHASE BOOKS DURING THE COURSE DURATION**. This is mentioned very clearly in the admission brochure. College has an enriched library to make this distinctiveness possible.

College library has a collection of 17000 + books and has subscription of NLIST for e books and journals, physical journals like Current Science, magazines and newspapers in English and Hindi language.

Library is automated with SOUL Integrated Library Management System with OPAC (Online Public Access Catalogue) feature .OPAC kiosks has been placed at two different places in the college for easy accessibility by the students to browse resources available in the library as and when required. Transaction of books, both issue and return by the students and staff is done through SOUL.

Every Student is issued a minimum of 6 books at a time for the whole academic session and are required to return the books after their University exams are over. This helps the students with access of books throughout the session and thus they are not required to purchase books on their own.

E-Resources like Inflibnet-NLIST provides students a platform to access more than 6000 e-journals, 199500 e-books and supplements to the academic necessities of the Students of UG & PG classes.

To **encourage students to use NLIST** and to develop a habit in them to use online resources, college has **an award scheme**, wherein top three most active users of NLIST each month are awarded with cash prizes of Rs.500,300 and 200 respectively.

Information about **new arrivals in the library is circulated through whatsapp groups** of students of different courses, College mobile Application and whatsappGroup of teachers.

The reading space in the **library has 10 Computer Systems** with internet facility ,which are accessible to students during working hours for accessing online resources as and when required.

Photocopy facility and basic stationary is available in the library at nominal cost.

Syllabus and Old University Question papers are issued to the students and staff members by the Library.

AMOUNT SPENT IN PURCHASE OF BOOKS IN LAST FIVE YEARS (Till 31st Aug 2022)-

FINANCIAL YEAR	AMOUNT
FY 2022-23 (till 31.8.2022)	Rs.226715
FY 2021-22	Rs.451970
FY 2020-21	Rs. 24530
FY 2019-20	Rs. 236164
FY 2018-19	Rs. 67567
FY 2017-18	Rs.138243

USAGE OF LIBRARY BY STUDENTS

Students are encouraged to use library facilities often and develop a habit to refer and get books issued

from library. The library usage details of library for Session 2021-22 , compiled from the Library visitor register , from July 2021 to 31st Aug 2022 is as below -

S.NO	MONTHS	VISITORS
1	JULY 2021	264
2	AUGUST 2021	339
3	SEPTEMBER 2021	997
4	OCTOBER 2021	803
5	NOVEMBER 2021	624
6	DECEMBER2021	640
7	JANUARY 2022	531
8	FEBRUARY 2022	621
9	MARCH 2022	501
10	APRIL 2022	505
11	MAY2022	501
12	JUNE2022	409
13	JULY2022	615
14	AUGUST2022	662

File Description	Document
Upload Additional information	<u>View Document</u>
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

Sai College has excellent IT enabled teaching and learning resources. Institute has 7 computer laboratories having 430 Computer Systems ,14 LED Projectors installed in Classrooms and Laboratories. All the computer systems are in network through structured cabling and connected to GBPS Switches. There are two server rooms which are connected to all computer laboratories in the college. College regularly updates the configuration of computer systems and a substantial amount is spent on maintenance and upgradation of computer systems each year.

AMOUNT SPENT ON ADDITION & MAINTENANCE OF IT INFRASTRUCTURE IN LAST 5 YEARS

Financial Years	Amount Spent	Amount Spent in	
	on Addition of	Maintenance of	
	IT Infrastructure	IT Infrastructure	
FY 2022-23 (till 31st	AugRS 228400	Rs 345800	
2022)			
FY 2021-22	Rs 1450762	Rs 184125	
FY 2020-21	Rs 349111	Rs 579315	
FY 2019-20	Rs 308097	Rs 229372	
FY 2018-19	Rs 225029	Rs 116442	
FY 2017-18	Rs 929570	Rs 577975	

- The computer labs are connected to a 40 KVA Online UPS and college has a 125 KVA Diesel Generator set to cater to the needs of the whole premises in case of a power cut. 6 out of 7 computer labs are Air-Conditioned.
- College has three internet connections from three different service providers with a bandwidth of 250 mbps(Elxer), 100 mbps (Jio) and 200 mbps (BSNL) These cater to the bandwidth needs of administrative office, various departments and library in college. We have a team of dedicated staff members for maintenance of IT infrastructure.
- Library and Office has additional 10 computer systems and laptops, 5 printers and a photocopy machine.
- Wi-fi facilities to both faculty and students is available. However access to wifi facility for students is restricted to need basis only.
- The whole premises is under CCTV surveillance, thus making the premises safe and secured.
- For an effective and efficient interaction with students and staff, college uses whatsapp messaging platform wherein a whatsapp group of students each programme and for staff are used for information interchange and even for grievance redressal.
- College also has an **Android Mobile application** which is used by teachers to share study notes and other study material among the students.

College has a **website www.saicollege.org** which is regularly updated. Also College utilizes various **Social Media Platforms like Facebook, and YouTube** in the most effective manner.

File Description	Document
Upload Additional information	View Document

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

Response: 2.09

4.3.2.1 Number of computers available for students usage during the latest completed academic

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year:

Response: 430

File Description	Document
Upload supporting document	<u>View Document</u>

4.4 Maintenance of Campus Infrastructure

4.4.1 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: 16.91

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)

2021-22	2020-21	2019-20	2018-19	2017-18
20.3	11.71	15.13	20.64	18.77

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 37.42

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

2021-22	2020-21	2019-20	2018-19	2017-18
684	445	123	99	120

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.2 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

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 22.23

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

2021-22	2020-21	2019-20	2018-19	2017-18
467	88	105	113	101

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 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

Response: A. All of the above

File Description	Document
Upload supporting document	<u>View Document</u>

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 18.42

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
67	56	90	56	38

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
423	321	326	271	326

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 90

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
7	0	0	0	2

5.2.2.2 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

2021-22	2020-21	2019-20	2018-19	2017-18	
7	0	0	1	2	

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: 6

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
6	0	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response: 28.2

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
20	30	45	21	25

File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	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:

Our College believes in fostering a strong bond with its alumni as they are our brand ambassadors into the outside world. For this purpose, we have a **registered alumni association** which is active and interacts with our students through various programmes. The **alumni also participates in various college events** / programs.

The Alumni interaction with current students has helped them to understand the current industry demands

and thus develop the skills for real-life situation and provide them inputs for preparing for various competitive examination and placement.

Ex-students **Registration for alumni association is available on the institutional website**. Apart from **annual mega alumni meets , departmental meets are also organized during the academic session**. The office bearers of alumni association conduct meetings and plan the events and programs for the alumni. The alumni members in IQAC have contributed significantly in providing inputs for all-round development, infrastructure improvement and to enhance the learning environment. During the last five years the alumni has assisted the college in the following different ways.

- By being a member in the IQAC and involving in quality enhancement.
- By providing feedback on curriculum improvement.
- By providing feedback on the infrastructure improvement and teaching methodology.
- By interacting with current students and motivating them.
- By interacting with teachers and giving suggestions.
- By providing opportunities to the students for industrial visits, internships and placements in their current organizations.
- By raising funds through memberships and donations.

Feedback received on curriculum improvement from alumni has been shared with the University in the past. The result of this was that University had made necessary changes in the curriculum to make it updated as per latest industry demands.

Feedbacks received on the infrastructure improvement during alumni visit to the college premises had been taken on priority by IQAC and suitable action were taken, which has resulted in the premises being more attractive.

Industrial Visit to Akshaya Patra and Internships at Akshaya Patra have been possible as a result of Alumnus of the college.

Raising of funds through membership and donations has been very limited because of the fact that majority of the students who are studying / have studied from the college are from varied socio economic backgrounds. However, alumni has helped students in sharing information about scholarship schemes from non-government organisations.

The alumni association together with the college authority ensure that the institution should grow in all parameters and become one of the best institutions in the region.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

Sai College is one of the renowned educational institutions engaged in imparting quality education to the students at most reasonable fees. The governance of the College is reflective of effective leadership and is in tune with the vision and mission of the Institution which is encapsulated on the college website (www.saicollege.org) and college prospectus & is disseminated among all stake holders. Sai College follows the practice of decentralization in its true sense, in all the three important pillars of the institution, viz. academics, administration and extra-curricular activities.

The Director, Principal and the IQAC Coordinator steer the Institution in fulfilment of its vision, mission, and objectives and lead all staff members at all levels by developing an action plan and setting up goals, responsibilities and review them from time to time in line with the guidance from the Chairman and other members of the Governing body of the college.

COMPOSITION OF GOVERNING BODY University Represenative Teacher Ex-Officio Representativ Member Secretary Chairman of Foundation Society Nominee of Nominee of Foundation the Donors Society

Under the clear vision, strong leadership, and guidance of all, the college was ranked at 4th position in Performance Index for Affiliated Colleges among all the affiliated colleges of Pt. Ravishankar

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Shukla University, for session 2012-13. Pt Ravishankar Shukla University was the University to which the college was previously affiliated.

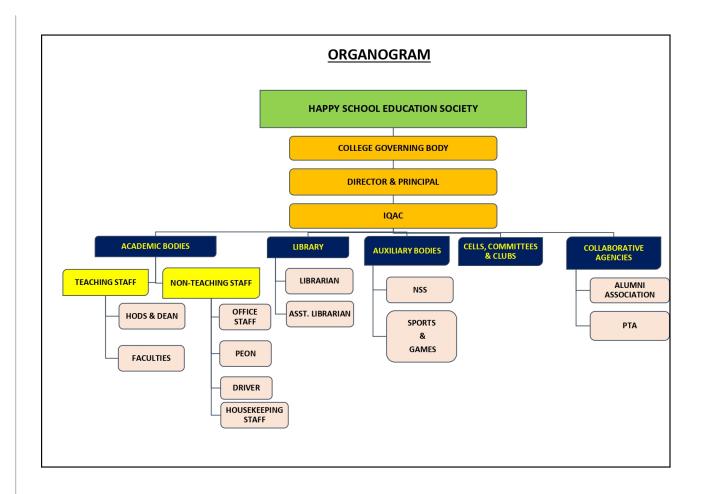
The Institutional leadership involves all the staff members in developing and implementing the management system at various levels.

To decentralize the responsibilities various committees/ cells / councils and clubs are formed which work under the guidance of Director, Principal and IQAC Coordinator. Each of these are headed by a convener who is one among the teaching staff and has members who are those from teaching/non-teaching staff or students.

The **institution practices decentralization and participative management** in keeping with its belief in collective leadership and democratic traditions. A particular reflection of this practice may be seen in the extensive delegation of authority to the Departments in the college.

- The Dean/Head of the Department oversee the Teaching Plans of his/her departmental members.
- They are empowered to make adjustments in the routine, and to allot teaching assignments and evaluation duties.
- Dean Faculties have the privilege of convening departmental meetings where the programs for the entire term is decided.
- Teaching Faculty members take the lead in planning seminars, workshops, remedial measures, inter- departmental or/and inter-college exercises, departmental excursions, and study tours.
- Class teacher and mentors organizes and conduct the Parent-Teacher meetings in which the academic progress of the students is communicated to their guardians.
- Senior faculty members in consultation with his/her department take an over view of the papersetting, moderation, evaluation, and marks submission of all internal examinations of the department. They are also responsible to decide on the nature, pattern, and duration of extra and remedial classes for the students of his/her department.

The practice of decentralization and participatory management is reflected in all the activities of the College through a strong and efficient Organogram of the college.



File Description	Document
Upload Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

College runs under the guidance of the parent society – Happy School Educational Society headed by the President who has a vast experience of 60+ years in the field of training and management.

The Director and the Principal are the head of the institution and are entrusted with the responsibility of managing the day-to-day affairs of the college in assistance with the IQAC Coordinator.

The **Governing Body of the college** is a decision-making authority and guiding force behind all the academic and non-academic endeavours of the Institute in order to sustain the current requirements of all the key stakeholders and Society at large. It consists of 9 members chaired by the President of the parent society, 2 university representatives, 2 teacher representatives, 2 representatives of non-teaching staff and 1

nominee from the parent society among the donors and Principal as the ex officio member secretary.

The **Internal Quality Assurance Cell** facilitates the creation of a learner-centric environment fostering quality education and faculty evolvement to adopt the required knowledge and technology for participatory teaching and learning process. The IQAC defines the quality benchmark parameters for enhancing the overall ambience of the college and drafts a strategic/perspective plan for the year. All the teaching and non-teaching staff members work together and take appropriate measures to implement the strategic plan.

All staff members along with some nominated students also participate in administration through various committees / cells / councils and clubs like Students Council, Prospectus, Brochure and Newsletter Committee, Training and Placement Cell, Red Ribbon Club. Eco Club, Youth Red Cross Committee, Grievance Redressal Cell, Internal and External Assessment Grievance Redressal Cell, Anti Ragging Committee, Internal Complaint Redressal Committee, Women Cell, Examination Committee, Timetable Committee, Mentor Mentee Cell, Cultural Committee, Social Entrepreneurship Sustainability and Rural Engagement Cell, Electoral Literacy Club, Research and Inovation Cell, Water Cell, Feedback Committee, Social Welfare Committee, Scholarship Committee, Admission Committee, Website maintenance Committee. The Principal and the IQAC Coordinator are the part of all the above as exofficio members.

Policies are framed by the Parent Society and Governing body of the college in line with the mission, vision, and objectives of the college and parent society plans for the development of the college on the basis of recommendations received from IQAC.

All the appointments are done with the approval of the Governing body. Permanent Appointments are done as per the affiliating university norms and interviews conducted by the selection committee constituted by the affiliating University. Temporary appointments are done based on sanctioned posts approved by the parent society through interviews conducted jointly by the Director, Principal and the IQAC Coordinator. Service rules for teaching staff members are well defined and all new appointments are informed about these rules.

In keeping with the Vision and Mission of the Institute, all the Academic and Administrative Processes are well defined and all stake holders are aware of their responsibilities. This has helped the Institute grow in a linear progression with respect to Academics, Administration, Alumni Engagement, Responsibilities of the Institute etc.

File Description	Document
Upload Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

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

Response: A. All of the above	
File Description Document	
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

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

Response:

Institute undoubtedly considers that the teaching and non-teaching staff play a key role in the growth of the institution. The welfare facilities and services provided at the workplace become vital for continuous improvement in the work environment. The Facilities also motivate the employees to give their best. It also improves the overall morale of the employees.

The institution provides various welfare measures for staff which are as follows:

1. Provisions of Leave

- Casual Leave
- Maternity Leave
- Duty leave (DL) is given for attending university meetings and university related assignments, conducting practical exams, attending workshops, Seminar, Conference etc.
- Festival Leave are granted as per academic calendar and notifications issued by the affiliating University and State Govt.

1. Other Welfare Measures

- All the employees are enrolled in the EPF and ESIC Scheme.
- Transport facility is provided to the employees as per requirements.
- Free Education to the wards of the staff members.
- Interest free loans and advance to staff on request.
- Reimbursement of amount spent by staff on research publication as per policy framed.
- Platform for professional development is provided by institute by conducting faculty development programs and workshops.
- Tea and Coffee Machine is available for all staff members in the office and is availed by all at no cost basis.
- Staff members are facilitated with gifts on Teacher's Day and Diwali.
- Subsidized canteen facility is available inside the college premises.
- Free Wi-Fi and printing facility for Staff members in campus.
- Reimbursement of Telephone charges to all the administrative staff members
- Salary is disbursed timely each month to all staff members.

- All staff members are encouraged for higher progression.
- Birthday celebration of staff members at the end of every month whose birthday falls on that month.
- Farewell Function is arranged for staff as a token of their committed service.
- Separate Parking area for the vehicles of staff members

Appraisal System

College adopts a well-organized mechanism of appraising faculty members. Teachers fill a Comprehensive Self-Assessment form as per the format of Higher Education Department. Teachers maintain the records of teaching, examinations, college work, Research and other parameters to calculate their API score. The analysis, suggestions and reforms are made accordingly. The non-teaching staff is appraised by their performance. They are given counselling by their heads regarding their strength and weaknesses and it is expected that those shortcomings be eliminated by them in the coming session.

File Description	Document
Upload Additional information	View Document

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

Response: 3.68

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

2021-22	2020-21	2019-20	2018-19	2017-18
3	2	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 74.75

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
41	65	18	08	19

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	14	11	12	15

File Description	Document
Institutional data in the prescribed format	<u>View Document</u>

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Optimum mobilization and utilization of resource funds is of prime importance for the institution as it helps in keeping a balance between routine functioning of the academic activities on regular basis maintaining proper standards and at the same time planning for future development of the institution.

The major sources of income of college are:

- 1. Fees collected from students
- 2. Contribution of other institutions being run by the parent society

College gives its best to meet all its expenses from the fees collected by students. In case of any particular need, contribution from the parent society or institution run by parent society are also used. Bank loans are also used from time to time for creating movable assets.

Other than the expenditure in salary component, recurring expenses, addition of fixed assets and other expenses management plans for developing infrastructure by way of adding additional rooms from time to

time as per the need.

Management takes due care of maintenance of existing infrastructure from time to time.

Colleges has received adhoc grants from state government in past as below:

Year	Fund Received
For Session 2016-17 (Received in	Rs 1 lakh
FY17-18)	
2014-15	Rs 5 lakh
2012-13	Rs 5 lakh
2008-09	Rs 5 lakh
2005-06	Rs 1 lakh

These adhoc grants have been used in creating infrastructure like addition of computer, furniture, water cooler and library books for the students.

The college has a mechanism of external audit. Internal management of accounting GST and its reconciliation is taken care by M/s Vinesh Kumar Waghela under the supervision of the Director. The TDS part of the accounting is done by M/s V. R. Financial Services under the supervision of the Director.

The data of the accounting, GST and TDS is sent for audit to the auditor M/s B. P. Waghela & Co who are the authorized auditors of the parent society who finally complete the audit and balance sheets are prepared each year.

File Description	Document
Upload Additional information	<u>View Document</u>

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The IQAC is the epicentre of the institution for initiating and coordinating quality enhancement initiatives and ensuring that all these initiatives achieve the desired objectives. Since its establishment on 12th June 2018,IQAC has played a vital role in the enhancement and sustainability of the quality initiatives taken by the college.IQAC regularly monitors all the activities having important role in the holistic development of a student, including teaching learning process, co-curricular and extra curricular activities with an aim to provide quality education to the students

IQAC Coordinator 2 External Members Assistant Coordinator NAAC 1 Industrialist Coordinator Assistant 2 Alumni Chairperson, IQAC Cell Nominee Coordinator 5 Teaching Staff Management Representativ Members 3 Administrativ 1 Parent e Staff Members Student

COMPOSITION OF INTERNAL QUALITY ASSURANCE CELL (IQAC)

IQAC has contributed significantly in all domains resulting in improvement in the processes and outcome in the respective domains -

Contribution of IQAC in Academic Domain and infrastructure augmentation

- By approving the academic plan prepared by the departments and ensuring its implementation in true spirit.
- By implementing mechanism for internal assessment which has a major contribution in preparing students for the external assessment.
- By defining Program Outcomes (POs) and Course Outcomes (COs) in consultation with the subject teachers and ensuring that attainment of theses are achieved.
- By ensuring that ICT infrastructure is made available to all stake holders and the same is used extensively in teaching-learning process. Increase in number of classrooms with LED Projectors, Development of Android mobile application of college, recording of e-lectures are a part of the quality enhancement strategy of IQAC.
- By ensuring that infrastructure is regularly updated. Updation of configuration of computer systems in computer labs is a result of this initiative of IQAC. Also the improvement in ambience of the

college has been taken-up in the quality initiatives of the IQAC.

Contribution of IQAC in Research and Publication domain

- IQAC has organised workshops, seminars and a National Conference with aim to provide platform to the students and staff in the area of research and publication.
- Incentive through reimbursement on amount spent by staff in research and publication related areas is an initiative of IQAC for promoting this aspect which needed improvement in the college.

Contribution of IQAC in Extra curricular and Co-curricular Activities domain

- Several competitions like Rangoli, Essay writing ,Food making, Business Plan making, Model making ,poster making,kavita path,slogan ,best selfie with nature,powerpoint presentation and programming competitions are organised under the guidance of IQAC .
- Various Sports and extension activities by NSS, Youth Red Cross Committee and Red Ribbon Club are organised under the guidance of IQAC which also ensures mass participation of students in these activities.
- Industry-Academia Collaboration with BOSCH ,MOUs with various organisations and initiation of an in-house incubation centre "SAI KALAKRITI KENDRA" are the result of initiatives of IQAC.

Contribution of IQAC in Administrative and infrastructure domain

- Sai College ERP, automation of library using SOUL Software and NLIST subscription for students and staff are the best examples of incremental improvement of the college.
- Addition of 4 new programs are a result of initiatives of the IQAC.
- Construction of additional classrooms, labs and ambience of the college are result of initiative of IQAC for providing spacious teaching -learning environment to the students.

All the above contribution of IQAC have been possible due to analysis of SWOC of all the departments by the IQAC and regular feedback collection and analysis from all stakeholders like students, parents, staff, alumni and employers to enhance teaching-learning and all other reforms in college.

File Description	Document
Upload Additional information	View Document

6.5.2 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 initiatives with other institution(s)/ membership of international networks
- 3. Participation in NIRF
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc

Response: A. All of the above	
File Description	Document
Upload supporting document	<u>View Document</u>
Institutional data in the prescribed format	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 and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

1.PROMOTION OF GENDER EQUITY

- College takes active measures to ensure that gender equity is a sustainable pre-condition in each activity of the college.
- 79% of teaching staff and 50% of students in the college are females. College is open for enrollment of students and staff from transgender also.
- Equal participation of students of all genders in various extra curricular activities has been a clear indication of gender equity in all aspects in college.
- College is committed to provide safe and secure academic and work environment for students and staff respectively. The institution has zero tolerance on gender discrimination, ragging and sexual harassment related issues.

Institution shows gender sensitivity by providing facilities in the following areas -

SAFETY AND SECURITY -

- **SAFE PREMISES** Premises has a boundary wall with Security Guards deputed at entry gates round the clock. The premises is fully covered through CCTV.
- **ID CARDS** All students and staff are issued ID Cards which identifies every person in the premises.
- Various committees like **Internal Complaints Committee**, **Anti Ragging Committee**, **Women Cell** are in place which are committed to take up the complaints and grievances on priority and ensure timely redressal of the same. Names and **Contact numbers of Committee members are displayed** in corridor for easy accessibility by all. Since the inception till date there has been no cases of Ragging or Sexual harassment in the institution.
- **Helpline numbers** are clearly indicted in the College brochure and College Prospectus.

COUNSELLING STUDENTS

- All **teachers are briefed about the importance of counselling students** throughout the session by the head of the institution.
- **Teachers act as counsellors and mentors** to the group of students assigned to them. They are regularly in touch with them and resolve their problems on day to day basis by counselling them. Any major problems faced by any student, is brought to the knowledge of IQAC Coordinator or the head of the institution, who intern take necessary steps to resolve the concern.
- Workshops and awareness sessions are organized on health and hygiene, sexual harassment at workplace are conducted.

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COMMON ROOMS

- College provides separate hygienic restrooms for girls, boys and staff members.
- There is a **Girls Common room** with attached washroom and a sanitary napkin vending machine.
- **First Aid Box** is available at all prominent places for use in case of emergency. All these facilities are optimally utilized by all stake holders.

2. NATIONAL AND INTERNATIONAL COMMEMORATIVE DAYS, EVENTS AND FESTIVALS

College celebrates national and international commemorative days of importance like Independence day, Republic day, Gandhi Jayanti, National Youth day, National Unity Day, World Computer literacy day, World Earth day, Hindi Diwas, NSS Foundation day, World Heritage day, World Environment day, International Yoga day, World AIDS day, World Ozone day, World Business day, World mental health day, National Science day, World Population day, World mosquito day, International Volunteer day, World RedCross day.

College management felicitates all staff members and distributes gifts and sweets to teachers day and Diwali respectively.

File Description	Document
Upload Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures
- 2. Management of the various types of degradable and nondegradable waste
- 3. Water conservation
- 4. Green campus initiatives
- 5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	<u>View Document</u>

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1. Green audit / Environment audit
- 2. Energy audit
- 3. Clean and green campus initiatives
- 4. Beyond the campus environmental promotion activities

Response: A. All of the above

File Description	Document
Upload supporting document	<u>View Document</u>

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

INSTITUTIONAL EFFORTS / INITIATIVES IN PROVIDING AN INCLUSIVE ENVIRONMENT

For an inclusive environment in college that should make the institution a perfect place not only to gain subject knowledge but also to enrich students and staff with values, making them respect cultural, regional and linguistic heritage of all, maintaining peace and harmony, College has a 14 feet statute of Swami Vivekananda Ji in the heart of the premises. The aim behind this was that the presence of the statue of Swami Vivekananda Ji will inspire and energize everyone and his statue will teach everyone devotion and love for nation, which was his supreme message.

College has achieved and maintained its core values – Dedication, Honesty and integrity, Optimism, Team spirit, Devotion, Continuous advancement, innovation, hard work and mutual trust and respect.

College organizes several activities to promote an inclusive environment with due respect to cultural, regional, linguistic, communal and socioeconomic sentiments of all stake holders. Students and staff celebrate the national festivals and commemorative days of importance like Independence day, Republic day, National Unity Day, Swami Vivekanand Jayanti, Gandhi Jayanti etc.

Several cultural and regional festivals like Hareli tihar, Holi, Basant Panchami, Diwali, Eid, Christmas, New Year Day, Teachers day, Women's day etc are also celebrated.

Students of all religions study in this college and every stake holder respects the religious sentiments of others. College has also fixed the photographs of religious deities to symbolize and respect the religious sentiments of all.

The **NSS** wing of the college is very active and conducts various programmes to sensitize students on their duties and responsibilities on various aspects to be responsible citizens.

A few of the initiatives taken by college and the NSS wing include -

- Awareness Rally on world population day and AIDS day
- Active participation in "Swachhta and tree plantation drives" in and around college
- Celebrating teachers day, hindi diwas and national unity day
- Spreading message for all through awareness rally on pollution free Diwali
- Conducting social service activities in slum areas
- Spreading awareness in rural areas on health, hygiene, nutrition, swachhta, beti bachao beti

padhao, good touch bad touch through 7 days camp in villages

- Awareness drives and participating in **door to door activities during spread of Dengue, COVID** and participating in **COVID vaccination drives** organized by college.
- Participating in **blood donation camps** and being ready to donate blood in case of need.
- Participating in SVEEP and Voter awareness campaigns
- Conducting workshops on No Tobacco and De-addiction & suicide prevention for students and staff
- Visiting schools of special children and old age homes and interacting and helping the inmates.
- Contributing to nature by **plant distribution and distributing vessels for water for birds** during summers, **promoting use of bicycle** through rally on world bicycle day and **encouraging students** and staff for using e vehicles.
- Conducting workshops on values, rights and duties to be a responsible citizen & sexual harassment at workplace.

File Description	Document
Upload Additional information	<u>View Document</u>

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 PRACTICE 1

TITLE- INCLUSIVE LEARNING LIBRARY FOR STUDENTS

OBJECTIVES OF THE PRACTICE

Provide equal learning opportunities to students from all socio-economic backgrounds, by equipping them with curriculum text books (on loan) for the entire academic session. Books are fundamental for any learning and this practice aims at eliminating all barriers for any student to be able to access the required books for their learning during the academic session.

THE CONTEXT

Students join us from diverse socio-economic backgrounds, with several students limited in even paying nominal tuition fees at the time of admission. Purchasing text and reference books is not only challenging for these students, but also often of lowest priority. Books being indispensable instruments for learning, it is critical for students to be equipped with the right books required for their curriculum. Conventional library practices limits the number of books (usually two in number) and the duration for which these books can be issued to students.

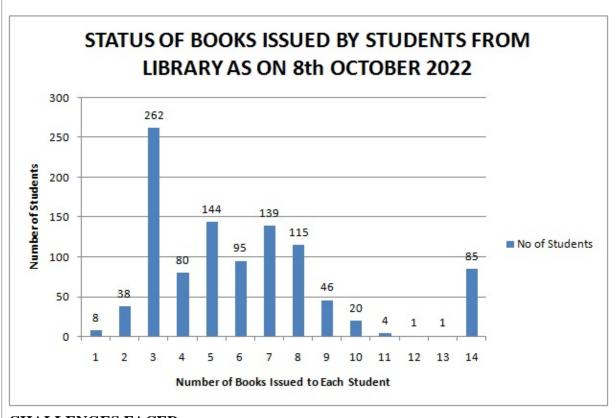
PRACTICE

Sai College introduced an innovative "inclusive" learning library for all enrolled students, whereby each student was issued a complete set of curriculum books for the entire academic session. This set of books comprise of the text books and reference books which can aid in students holistic learning process.

EVIDENCE OF SUCCESS

This practice was well appreciated by parents of students who have enrolled in the college, and the book issue data shown below exemplifies popularity of this practice amongst the student population. This practice has enabled all segments of students being able to have the required books for learning, and in turn has impacted the overall student performance over years. (Average 88.96% over last five years)

GRAPHICAL REPRESENTATION OF NUMBER OF STUDENTS VS NUMBER OF BOOKS ISSUED BY THEM AS ON 8.10.2022



CHALLENGES FACED

In order to instate this library facility, college faced multiple operational challenges; two major challenges being financial burden on college to facilitate books for increasing number of students and other challenge of limiting students' learning through books provided from college.

At first, providing an inclusive learning environment is a priority to the college management and hence, this was made an annual budgeted practice of procuring books.

As a result, presently college library has 17000+ books for the student strength of 1038. College has spent a cumulative amount of INR 1145000 for purchase of library books over last five years till 31.08.2022

Secondly, with this practice of issuing books to the students for the complete session, it was observed that there was a decline in the habit of students to refer other books for reference and additional learning, resulting in constrained knowledge gained by the students.

To overcome this challenge, college subscribed to NLIST for students. Further, in order to encourage the use of NLIST, a monthly cash reward scheme for top three NLIST users was introduced.

WINNERS OF NLIST CASH REWARD SCHEME JULY-2022





BEST PRACTICE - 2

TITLE OF THE PRACTICE -SUSTAINABILITY: GIVING BACK TO ENVIRONMENT

OBJECTIVES OF THE PRACTICE

Sustainable environmental existence is the only way for us and we at Sai College have institutionalized this with "Green Campus" initiatives and include the need for clean & green environment as part of our educational plan.

CONTEXT

Joint willingness of all stake holders to have a clean-green teaching-learning enviornment was a seed to this best practice.

PRACTICE

Proudly,Sai College is one of the colleges which has taken several "Green Campus" initiatives,towards making our premises sustainable in true sense, and at the same time making it a part of our students' educational experience & learning.Initiatives taken by the college can be broadly specified in four categories –

- Tree plantation and cleanliness
- Energy conservation
- Waste management

• Water Conservation

TREE PLANTATION & CLEANLINESS

- The NSS wing of the college regularly conducts tree plantation, distribution and "Swachata" drives in and around the college premises.
- 13 Tree plantation drives,23 "Swachata" and "Shramdaan" drives have been conducted in last 5 years by the college.

ENERGY CONSERVATION

- 100% Lighting in the college premises is through energy efficient LED lights, which results in ~40% lesser energy consumption.
- All the CRT monitors in computer labs have been upgraded to LED monitors, and all new devices that have been procured are energy efficient.
- Students and Staff participate in daily energy conservation practices, such as displaying reminder slogans to promote switching off lights & fans when not in use.

WASTE MANAGEMENT

As part of our day-day operations, we have **four types of waste material** generated —Bio-degradable Solid waste, Liquid&semi solid waste, non bio-degradable solid waste and e-waste. The waste generated is systematically segregated and managed in order to reduce it's impact on the environment.

- **Bio-degradable solid waste** such as garden waste and the waste from cafeteria is used to prepare vermin-compost, which is further mixed with the soil of the premises making it rich in nutrients and helps with maintaining our gardens green.
- Waste paper generated is used by the incubator centre "Sai Kalakriti Kendra" to train students to make hand made paper and related products.
- Liquid waste (media) from laboratories is disposed after autoclaving so as to make it microbe free.
- Carcinogenic semi solid waste (electrophoretic gel) is disposed carefully in designated dustbins and further buried outside the premises.
- Non bio-degradable waste are systematically disposed in the designated garbage area of Bhilai Steel Plant town services department.
- An MOU for e-waste recycling has been executed. College has till date disposed 388 Kg of e-waste for recycling.

WATER CONSERVATION

- A functional rainwater harvesting has been installed in the college, which helps in rain water conservation.
- Overhead tank overflow alarm system has been installed to avoid wastage of water.
- Awareness on water conservation is spread through awareness sessions, slogan fixed at prominent places in premises.

AUDITS CONDUCTED

College has conducted:

- Environmental Green Audit –Environmental Management System-ISO 14001 : 2015
- Green Energy Audit

EVIDENCE OF SUCCESS

ENHANCEMENT OF GREEN COVER IN AND AROUND THE COLLEGE PREMISES



AWARDED THIRD PRIZE AMONG ALL COLLEGES UNDER HEMCHANDYADAV UNIVERSITY FOR WORK DONE IN WATER CONSERVATION IN 2021



AWARDED FIRST PRIZE AMONG ALL COLLEGES UNDER HEMCHAND YADAV UNIVERSITY FOR WORK DONE IN ENVIRONMENT CONSERVATION ON WORLD ENVIORNMENT DAY-2022



CERTIFICATE OF RECOGNITION FROM MAHATMA GANDHI NATIONAL COUNCIL OF RURAL EDUCATION FOR PROMOTING SUSTAINABLE PRACTICES IN SANITATION AND HYGIENE, WATER MANAGEMENT, WASTE MANAGEMENT, ENERGY CONSERVATION AND GREENERY MANAGEMENT



Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India



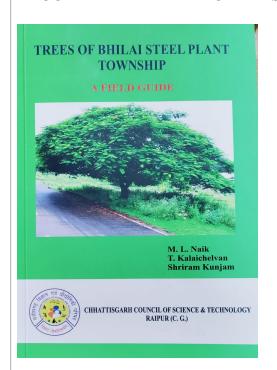
Certificate of Recognition

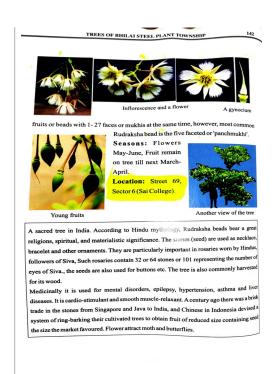
This is to recognize Sai College (Sai Mahavidyalaya) of Bhilai, Chhattisgarh as a Member of National Entrepreneurship Mission. The Institution has constituted Social Entrepreneurship Sustainability and Rural Engagement (SESRE) Cell in their campus. This Institution has formed a Team consisting of Faculty Leaders for promoting sustainable practices in the areas 1.Sanitation and Hygiene 2.Water Management 3.Waste Management 4.Energy Conservation and 5.Greenery Management with the Mission of inculcuting entrepreneurship among students.

Dr. W G Prasanna Kumar Chairman

Manietester Chiattagarh/Statter Committeet.2022

RECOGNITION OF COLLEGE BY AN EMINENT AUTHOR IN HIS BOOK MENTIONING ABOUT A RARE TREE-"RUDRAKSHA" PLANTED IN THE COLLEGE PREMISES





File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

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:

PERFORMANCE OF THE COLLEGE IN AREA OF DISTINCTIVENESS

Sai College identifies itself with quality & inclusive education for students, and enabling them to excel in respective fields. This vision has led to the below distinct attributes of our institution.

A. STATE-OF-ART FACILITIES FOR COMPUTER EDUCATION FOR ENHANCED STUDENT LEARNING AND EXPERIENCE.

and

B. USE OF IT-ENABLED TEACHING, LEARNING AND STUDENT COMMUNICATION DURING COVID AND POST-COVID.

A. STATE-OF-ART FACILITIES FOR COMPUTER EDUCATION FOR ENHANCED STUDENT LEARNING AND EXPERIENCE.

OBJECTIVE - 'A'

In order to achieve the objective of highest standards of education, it is not only important to have excellent educators and laboratories, it is also critical to integrate state of art computer literacy through best of infrastructure possible. With this aim Department of Computer Applications was started in the year 2005, when computer education in colleges was still not very widely adopted.

ACTION TAKEN TO ACHIEVE THE OBJECTIVE 'A'

Courses in Computer science and applications, by nature needs students to be able to use individual computer systems for learning and practice. Further, a large number of students come from weaker socioeconomic backgrounds, and cannot afford to purchase an independent computer or laptop for their educational purpose.

Institute has therefore put strong emphasis on providing best facilities for computer practicals in laboratories so that 1:1 student to computer ratio can be maintained during the practical learning sessions, and also provides opportunity for students to use these computers for practice.

Over the years, we have developed 7 Computer laboratories with 430 Computers for students use. We have some of the best faculty to teach latest computer programming languages required per industry trends and demands, in addition to the prescribed University curriculum.

CHALLENGES & ABATEMENT PLAN - 'A'

Upkeep & maintenance is a problem with infrastructure, and maintenance of large number of computer systems was a key challenge to be addressed. Additionally, routine IT support and downtime of systems available was a challenge to ensure the labs were functional for all student operational days. In order to overcome these challenges, we developed in-house capability for maintenance of computer systems to control the cost and time involved in the upkeep activities. Further, to improve the lab availability, an IT support system was adopted, per which the students had an online mechanism (chat groups with hardware maintenance team) of getting their issues resolved real time, and hence managed reducing disruption of lab availability.

In order to keep these maintenance programs running, it was important to build self sustenance in the way these programs were managed. This is why, institute started utilizing the computer labs for computer based online tests (CBTs) for various Government/Private organisations during the idle time and weekends. College has conducted recruitment exams for Indian Railways, Indian Airforce, JEE Advanced, NEET PG, State PSC, NMAT, practice tests for FIITJEE and many others in the past. Funds generated as a result of conducting these exams have been utilized in maintenance and upgradation of configuration of computer systems.

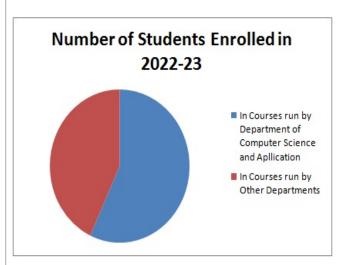
PERFORMANCE OF THE COLLEGE IN AREA OF DISTINCTIVENESS AS PER OBJECTIVE -'A'

Sai College is the only college under Hemchand Yadav University having 100 seats in BCA Course and 220 seats in PGDCA course. Out of these seats allotted 93% seats in BCA and 88% seats in PGDCA were filled in this current academic session.

In last 5 years out of the total 19 students of college who were in university merit list, 13 students were from courses run by Department of Computer Science and Application. Sai College has gained popularity in the region for the courses being run by the Department of Computer Science and Application.



57% of the total students enrolled in the current session are enrolled in courses run by Department of Computer Science and Application.



BEST PRACTICE AS A RESULT OF RESOLVING CHALLENGES FOR ACHIEVEING OBJECTIVE - 'A'

Actions taken by the college to achieve this distinctiveness have resulted in a best practice, per which we have continued to support our students and alumni in not only helping gain employment but provide employment. Example, many of our graduates who are either preparing for competitive examinations or

are in the process of job search, support us as exam functionaries (online computer tests for external organisations), and are remunerated for the same. Other students who are interested to pursue their career in teaching are also encouraged to gain employment at our college.

B.USE OF IT-ENABLED TEACHING, LEARNING AND STUDENT COMMUNICATION DURING COVID AND POST-COVID.

OBJECTIVE - 'B'

Necessity is the mother of invention, and COVID produced a circumstance for us where IT enabled services were necessary to continue the teaching and learning for our students. In addition, it was critical to establish a mechanism to maintain rigorous communication with our students during the COVID times.

ACTION TAKEN TO ACHIEVE THE OBJECTIVE -'B'

During the COVID pandemic, there were **two major challenges**.

One, ensuring accurate and timely information was communicated to students, especially critical information pertaining to their annual examinations timing and schedule.

Second, to continue teaching-learning process with students who could not afford to have an individual mobile or computer device, and had access to shared devices with friends and family..

To overcome the first challenge, Sai College took the lead in passing on information to all the students of university by posting videos explaining the then latest notifications of university and state government through the college Youtube channel.

Second challenge was overcome by development of an indigenous Android mobile application through which Notes, recordings of lectures and live classes were shared with the students helping students to continue their learning during COVID period.

PERFORMANCE OF THE COLLEGE IN AREA OF DISTINCTIVENESS AS PER OBJECTIVE - 'B'

Sai College Youtube channel provided accurate and timely information to all students, and hence resulted in growth of subscribers from 72 to 9000+ today.

The views received on videos explaining university notifications went as high as 55779; this video helped student understand how to participate in examinations conducted during COVID period.

The Youtube channel of college is currently being used as a platform for sharing the videos prepared by the training placement cell informing students about job opportunities available locally. These best practices

are being continued to be used for students, towards uplifting the way we deliver highest standards of educational experience to them.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information:

- The parent society has been into educational activities since 1974. It also runs an English Medium School affiliated to the state board with 1700+ students on roll.
- · College was initially affiliated to Pt Ravishankar Shukla University, Raipur since 2005-2006 to 2015-16 and has been affiliated to Durg University (renamed as Hemchand Yadav University, Durg) since 2016-2017 after the restructuring done by the State Government.
- · College has started working on provisions under NEP 2020 and has taken steps in this regard. Enrolment of teachers in IGNOU Programme on NEP, Enrolment of students in ABC portal are two such steps in this direction.
- College is working on promotion of regional language and culture among its students and staff through various activities.

Concluding Remarks:

- Sai Mahavidyalaya popularly known as Sai College ,Bhilai under Happy School Educational Society was established in the year 2005. The parent society has been into educational activities since 1974.
- The college is affiliated to Hemchand Yadav University, Durg and is recognised by UGC under section 2(f) of the UGC Act.
- Over 17 years of its establishment, the college has focused on providing quality education to the masses at most reasonable fees.
- With 14 students in first batch in 2005-2006 and the current strength of 1038 students, college is among the most sought-after colleges in bhilai by the students.
- Since its inception institution has been imparting education in the field of Commerce and Management, Science and Computers at both Undergraduate and Postgraduate levels.
- The infrastructure in Computer Science and Application department of college is one of the best in the region.
- The academic results of the college have been encouraging with 19 students in the University merit list in last 5 years.
- College continues to maintain its uniqueness that no student is required to purchase books during the whole course duration. For this college has a rich library with 17000 + books.
- College was ranked at Fourth position among all colleges under the then affiliating university on the basis of performance index for the session 2012-13 for Quality Management.
- College has worked on imparting internships and projects to the students, MOUs with various organizations, Industry Academia Linkage with BOSCH for training students on topics related to Skill Entrepreneurship, Future skills, soft skills and right attitudes and Social responsibility and had developed an in-house incubation centre "Sai Kalakriti Kendra" with an aim to encourage students for self employment and entrepreneurship.
- The NSS wing of the college is very active and has played a major role in the holistic development of the students.
- Over the years college has updated its infrastructure and automated the systems and processes in day to

- day functioning of the college under the guidance of IQAC and parent society.
- College works on zero tolerance for ragging and harassment to women and has always promoted gender equality since its inception
- College has consistently worked on "Green Campus" initiatives and environment sustainability and this has resulted in one of the best practices of college.
- College has taken up several social welfare activities and has worked in the area of blood donation with an aim to inculcate these human values in students.
- College has noted the areas of Research, Publication, Placements and improvement in infrastructure which need focus in the future years and is committed to improve in these areas.

CONCLUDING REMARKS

All the stake holders of college have worked hard since its inception to achieve the highest standards in academics and extension activities. College has also been fulfilling its social responsibilities and has worked on inculcating moral and human values among students through its activities. Highest credential awarded as a result of NAAC Accreditation process will be a huge morale booster for all the stake holders of the college, with a commitment to improve in the future years.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID Sub Questions and Answers before and after DVV Verification

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

2.4.1.1. Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
28	26	30	28	26

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
66	66	66	66	66

Remark: DVV has made the changes as per shared report by HEI.

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

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)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
0.155	0.10	0.3789	0.375	1.375

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
0.102	0.8	0.125	0.26	0.25

Remark: DVV has excluded grant received for NSS activities/7 days Special NSS camp from the affiliating university.

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
10	2	0	1	0

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
6	0	0	0	0

- Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)
 - 5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
28	35	45	23	35

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
20	30	45	21	25

Remark: DVV has made the changes event cannot be split into activities. Events held on the same day to be deemed as one only.

- Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years
 - 6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
50	72	23	11	19

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
41	65	18	08	19

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
14	14	11	12	15

Remark: DVV has made the changes as per shared report by HEI.

2.Extended Profile Deviations

ID	Extended (Questions									
1.1	Number of teaching staff / full time teachers during the last five years (Without repeat count)										
	Answer before DVV Verification: 60										
	Answer after DVV Verification : 66										
2.1	Expenditure excluding salary component year wise during the last five years (INR in lakhs)										
	Answer be	fore DVV V	erification:			_					
	2021 22	2020-21	2019-20	2018-19	2017-18						
	2021-22	2020-21	2017 20		2017 10						
	149.76	71.23	95.35	131.93	105.47						
	149.76		95.35								
	149.76	71.23	95.35								