



# **SELF STUDY REPORT**

**FOR**

**2<sup>nd</sup> CYCLE OF ACCREDITATION**

## **KG COLLEGE OF ARTS AND SCIENCE**

**KG COLLEGE OF ARTS AND SCIENCE, KGISL CAMPUS, SARAVANAMPATTI,  
COIMBATORE**

**641035**

**[www.kgcas.com](http://www.kgcas.com)**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**November 2022**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

KG College of Arts and Science (KGCAS) was established in the year 2005 under the auspices of KGiSL Trust, by our founder trustee Dr.Ashok Bakthavathsalam. The culture of trust is “Work is Worship”. The Trust has established itself in five verticals namely, Software, Medical, Infrastructure, Learning and Energy (SMILE) engaging an employee nearly a lakh. Under learning, it has established three educational institutions in the areas of Information Management, Arts and Science, Engineering and Technology with the intent to provide quality higher education. KGCAS, one among them located on the KG Campus, in a sprawling 40-acre campus, just 8 kms from city, is the perfect match to an Industry-Institute learning environment. We call it 'Campus Inside' where learning takes place within the precinct of Industry.

The lush green landscape with lawns and trees in the campus provides a congenial learning atmosphere. The college had a modest beginning in 2005 with 4 programmes, 165 students and 20 full-time academic faculty members and has grown to offer 14 UG, 05 PG and 08 Research programmes catering to 3904 students with a faculty strength of 163, in a span of less than two decades. The institution is recognized under 2(f) & 12(B). The College is affiliated to Bharathiar University, accredited by NAAC with B++ in the academic year 2016-2017. It is ISO 9001:2015 certified institution.

### Notable Achievements

- The college won 6th place in All India level SWACHHTA Ranking – 2017 for Higher Education Institutions.
- Received Rs.20,69,000/- for preserving the most ancient and traditional weaving arts of Todas by applying science and technology under DST-SEED scheme.
- Recognized as ‘Band B’ Institution (Rank between 26 – 50) in the category of Private or Self-Financed College in Atal Ranking of Institutions on Innovation Achievements (ARIIA)
- Institution’s Innovation Council (IIC) on Annual performance rating our institution received five star
- Listed among top 10 College users by National Library and Information Services Infrastructure for Scholarly Content (N-LIST)
- In the national Toycathon, KGCAS team won the title in the Grand Finale conducted at Greater Noida with a cash award of Rs.25,000.
- Trained 50 self-help group rural women members with professional trainers by supplying materials to convert waste into wealth to improve their livelihood with funding from TNSCST – DIT.
- Since inception in all the years, our students bagged University ranks with gold medals.
- Mr.Prabakaran of II-BCA won I prize in silambam – ***Maan Kombu*** in second international silambam championship 2022.
- Mr.Santhru of I-B.Sc. ECS represent India Kho – Kho team in the Asian Games 2022.
- In the Student Champion contest, conducted by UiPath, our student got selected as champion, one among the 82 across the world.
- In RPA Tools Hackathon conducted at national level one student got placed.
- In the Blockchain hackathon conducted by Binance two of our students won at national level with a cash award of 500 USD & Rs. 5000 cash.
- In the Teckathon conducted by Honeywell & ICT Academy our student got second place.

## Vision

At the core of the governance system is ***Know Your Genius***, derived from its **CMVO** Statements.

**Our Culture - *Work is Worship*.**

**Our Vision - *To be accepted as the #1 Arts and Science College by the stakeholders for delivering graduates with the maximum industry orientation.***

## Mission

**Our Mission - *More Learning and Help Students to,***

- be curious about interests
- gain cross disciplinary knowledge
- build skills that are relevant and employable
- generate ideas and solutions that tackle real-world/wicked problems

## The Objectives

- To achieve better placement performance by strengthening the industry embedded education value proposition.
- To achieve a minimum of 90 per cent graduation rate.
- To achieve a minimum of 75 per cent student satisfaction and 80 per cent faculty satisfaction.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- Proactive management
- Locational advantage of having industry embedded education
- Visionary leadership with participative and decentralized management
- Dedicated, proficient and committed faculty and supportive non-teaching staff
- Vibrant student community
- Academic flexibility through Choice Based Credit System and curriculum enrichment through self-learning - MOOC
- Provision of Add-on Job-oriented courses and professional certificate courses in collaboration with professional bodies and industries
- Seamless knowledge dissemination through online mode during the pandemic
- Excellent student support services, industry-driven skill centres, rigorous placement training resulting in outstanding placement records.
- Centre for Life Skills Education (CLSE) to cater to the diverse needs of the students towards their holistic development of physical and mental wellbeing
- Consistent high pass percentage (>90% on an average) over the years with University ranks
- Establishment of MHRD's Institution Innovation Council (IIC)

- Green initiatives for environmental concern, clean, green, plastic free campus with effective energy conservation
- Quality enhancement through System and Academic Audit

### **Institutional Weakness**

- Limited opportunity to attract sizeable research funds from the Government funding agencies
- Limited funding opportunity for research and innovation hence limited patents
- Revenue generation through consultancy and corporate training
- Lack of freedom to experiment with new generation programmes and innovative courses.
- No provision for credit transfer for NPTEL, Swayam courses
- Limited publications in Scopus and Web of Science
- Underutilization of Library resources

### **Institutional Opportunity**

- Creating strong alumni network and alumni chapters
- Setting up Technology Business Incubator Centre
- Promoting Start-ups
- Creating active linkages, and collaborations with industries, educational institutions in India and abroad as well
- Enhancing technology- enabled learning environment
- Financial assistance for disadvantaged students
- Complete fee waiver with free food and hostel accommodation to sports students
- Promoting overseas internships, industry training and apprenticeship

### **Institutional Challenge**

- Attracting and retaining competent faculty
- Enrolling interstate and international students.
- Tracking students after completion of their study and getting feedback to evaluate their learning outcomes for further improvement
- Competition from increasing number of Government colleges in and around.
- Securing international funding for research/fellowships
- Keeping at par with the technology advancements and dynamism
- Promoting indian and foreign languages and Indian traditional Knowledge Systems
- Preparing study materials in vernacular language
- Preparing student to overcome the effect of pandemic situation

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

KGCAS is affiliated with Bharathiar University and follows the curriculum prescribed by the



University. Provide option for the students to choose the courses of their interest through the Choice Based Credit System (CBCS). We have implemented Outcome Based Education since 2020. Offered 158 value-added courses for curriculum enrichment and skill enhancement. Additionally our students and teachers have obtained self-study MOOC certificates. Adopted OBE and measured the attainment level of Course Outcomes and mapped POs and COs. Ensured effective curriculum delivery through a systematic and planned process. Seminars, industrial visits, projects, industry interactions, internships, and technical sessions are given for experiential as well as participative learning. The courses relevant to Value Education viz, Yoga for Human Excellence, Human Rights, Women's Rights, Environmental Studies are included in the curriculum. Conducted online classes through Google meet during the pandemic using **Capability Maturity Model (CMM)** to ensure effectiveness of teaching. Nearly 50% of faculty members contribute to the academic activities of Bharathiar University through participation in BoS, question paper setting, assessment and evaluation process. Feedback on curriculum obtained from all stakeholders is analysed and recommended to University for improvement and implemented for curriculum enrichment.

### **Teaching-learning and Evaluation**

KGCAS adheres to the norms of Bharathiar University and the reservation policy of the state Government for admission. The average annual admission is 81.2% in the UG and PG programmes during the last five years. The social fabric of students is very vast and inclusive, with first generation learners, and achievers' in sports from rural areas with an average of 53% of women students. There are 163 faculty members including 71% lady faculty with an average teaching experience of 5 years and the student teacher ratio is 24:01. 28% of the teachers have the highest qualification of Ph.D. / NET/SET. Onboarding of new teachers and FDP for existing teachers is given regularly. The academic year starts with an extensive induction programme to orient and familiarize the students with the academic environment. Slow and advanced learners are identified and student centric Learning Ladder strategy is adopted for effective learning experience for all categories. Rigorous mentoring system is followed with a Mentor - Mentee ratio of 24:01. Teachers as mentors facilitate the students to take up massive open online courses through COURSERA and NPTEL resulting in students earning 25,895 certificates. For enhancing learning experiences, participative learning, experiential learning, and problem solving methodologies are adopted by appropriately integrating ICT tools like Moodle, Google Classroom and Edmodo. Value Added Courses are offered with industrial collaborators viz Beta Technologies, KGiSL, AWS and CISCO to gain the knowledge of industry requirements. MoU with Coimbatore Incubation Centre provides the training for the students in the field of Innovation, Start-up and Entrepreneurship. Average pass of 90% of the students enrolled is proof of educational attainment. 156 University ranks and 15 gold medals are the evidence of success for the effective teaching-learning process adopted.

### **Research, Innovations and Extension**

KGCAS nurtures the research culture through various initiatives of Research Cell formulated with an aim to motivate and equip research activities. The cell ensures the implementation of the code of ethics. The college provides all infrastructural support needed to conduct research activities. Seed funding assistance is provided to faculty members to promote research and publication. Teachers are encouraged to submit proposals to various funding agencies. Funds to the tune of Rs.28,12,000 has been raised from funding agencies and Rs 1,90,000 has been provided as seed grant. 132 Conferences / Seminars / workshops were organized pertaining to Research Methodology, Intellectual Property Rights, Entrepreneurship and Skill Development. 433 papers were published in the Journals during the last five years. Teachers have published 122 books and 369 papers in

national/ international conference proceedings during the last five years. Published 06 Patents and obtained 14 copy rights. In-house journal ***Prapti*** and seed-grant motivates young researchers. 69 functional MoUs are signed for collaborations/linkages for Faculty Exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years. We have promoted entrepreneurial and start-up culture by establishing the Institution Innovation Cell (IIC). Ideation camps, Boot camps, Entrepreneurship Awareness Camps and Hackathons are conducted regularly. KGCAS was listed in BAND-B in ARIIA and **five Star** rating under Institution Innovation Council. In 56 - hours hackathon, our team got a scholarship to pursue PROTOSEM Diploma course at FORGE. In the national Toycathon, KGCAS team won the title in the Grand Finale conducted at Greater Noida, New Delhi with a cash award of Rs.25,000. In Blockchain hackathon two of our students won first place at national level. College has conducted 132 activities to reach the unreached through extension and outreach. 13,314 students were sensitized to the needs of society and are motivated to contribute to nation-building through participation in various activities of NSS, YRC, RRC and other extension activities for which 23 awards were received. To improve livelihood, 50 women self-help group members were trained by professional trainers with materials in creating wealth from biodegradable waste. KGCAS initiated the Annadhana scheme during the peak of the pandemic which could feed 1000 people every day for 30 days benefiting 30000 needy people. The institution has provided **two buses fitted with Oxygen cylinders** to Government hospital, Coimbatore to be used at the time of medical emergency during covid pandemic. **70 Government school children** were provided with free hostel accommodation with food and venue along with learning materials for one month for NEET coaching

### **Infrastructure and Learning Resources**

The campus is spread over 40 acres and 11.77 acres exclusively for KGCAS with a built-up area of 1,09,237.9 sq meters. 60% of classrooms are ICT enabled, and 05 with smart boards. There are 11 computer labs and 650 computers and the student, computer ratio is 6:1. The campus is Wi-Fi – enabled with bandwidth of more than 100 Mbps which offers 24/7 internet connectivity Learning Management System (LMS Moodle) support students and faculty members to attain excellence in Teaching-Learning experience. KGCAS library is spacious, with built-in area of 3000 sq.mt. with scanner and printer for reprographic support facilities. Library has membership in the N-list with 95000 E books and 6250 E journals, DELNET with 158330 E books and 2700 E journals as well as IEEE and D –LINE which assists the teachers and the students to have access to digital learning resources. Air-conditioned auditorium and four seminar halls, open air auditorium with a capacity of 3500 facilitate college level and department level activities. The five storied building has a facility of operating lifts. Separate activity rooms for NCC, NSS, EDC, IIC, Alumni Association and Placement. Vast outdoor grounds with 23,991 sq. mt. encourage sports and games. A gymnasium of 800 sq. ft. for both men and women and Yoga Hall of 800 sq. ft. has been designed for faculty and students. 02 cafeteria cater to teachers and students with a dining area that can serve 500 members at a time. 54 CCTV cameras placed at strategic locations ensure safety in the campus. Wheel chairs, ramp and rails, lift, sign boards and Assistive Technology in Library support the differently abled. The college has a separate, secured residential facility with an inmate capacity of 1100 with hygienic dining halls for Boys and Girls. There are 40 buses to meet the transportation needs of students. 24x7 ambulance service in case of emergency, and health care facility is made available to students. 76% of annual budget is spent towards maintenance of infrastructural facilities.

### **Student Support and Progression**

KGCAS has been providing an enabling environment to a diverse young population to acquire knowledge, skills and attitude with discipline, dignity, and devotion. The ever vibrant student community is supported for

holistic development, and career progression through **Centre for Life Skill Education (CLSE)** by empowering and transforming them to discover the art of living and up-skilling personally and professionally. The guidelines of regulatory bodies are adhered with regard to anti-ragging and sexual harassment prevention, grievance redressal and internal complaints. All the committees, clubs and associations have student representatives which have served as a platform to the students to nurture their leadership skills/passion. Skill enhancement training and value added courses offered from the first semester enable 3904 students to earn 25,895 global certificates. 65.38% of the students have benefited from guidance for competitive examinations and career counselling during the last five years. The institution provides scholarships to economically challenged students and free education to students with passion for sports. 148 awards were received for outstanding performance in sports and cultural activities. One of our student is representing India Kho-Kho team in the Asian Games and another as Best Throw ball Player in National level. The alumni association is registered and has contributed Rs.5,25,000 as financial support for 1151 needy students as well as a photocopier to the library. Besides, non-financial assistance as Guest lectures, Career guidance and Internships. Many of our alumni have carved for themselves as successful entrepreneurs.

### **Governance, Leadership and Management**

At the core of the governance system is **Know Your Genius** derived from its CMVO statements. The governance at KGCAS is inclusive and participative. Faculty as members in statutory and non-statutory committees and as coordinators of clubs and association activities support the overall functioning of academic, administrative, co-curricular and extra-curricular activities. In the areas of admission, attendance, examination and finance the institution has effectively implemented e-governance. Deans of functional areas support all statutory compliances. IQAC is involved in framing policies, developing plans and institutionalizing quality by conducting academic audits and ISO audits. It serves as a catalyst in integrating ICT in teaching learning, FDP, performance appraisal of faculty, departments and builds a strong rapport with all stakeholders through collecting, analysing and implementing the feedback in pursuit of achieving Mission and Vision of the Institution. The process of recruitment, promotion, and the welfare measures undertaken to teaching and non-teaching staff stand as a testimony to human resource management practices. Teachers and the students are given counselling on stress management through Centre for Life Skill Education. Welfare measures provided for teaching and non-teaching include PF, Gratuity, ESI, Group Insurance scheme, maternity leave, seed grants for research and publication. Throughout the lockdown period the teaching and non-teaching staff were supported both physically and financially by the management.

### **Institutional Values and Best Practices**

Surveillance cameras, security personnel, biometric attendance, RFID-ID cards, training on usage of **Kavalan** – SoS mobile app provide a safe, conducive academic and work environment to women students, faculty and staff. We are conscious in ensuring gender equity across the campus through curricular, co-curricular activities and sensitization programmes. National and international commemorative days are celebrated. The management envisioned Center for Life Skill Education (CLSE) to empower and transform young minds to discover the art of living and up-skilling personally and professionally. Well maintained eco-friendly campus with maximum green coverage validated by periodic environmental audits is a proof of institutional commitment towards the sustainable ecosystem. 79% of electrical energy requirement of the institution is supplemented by off-premises solar energy generation. Ground-water level in the campus is augmented by constructing 14 rain water harvesting pits and two bore well recharge pits. Yoga training and regular health care programmes are offered by professionals. The programmes organized by the Women

Empowerment Cell and other associations ensure an all-rounded development of the students.

**Best Practices:**

1. eCampus: Education Hub
2. Fostering Community Responsibility and Social Bonding Through Community Service are our best practices.

A strong and robust industrial connect, translates the core concept of the Institution – Industry Embedded Education is our institution's distinctiveness.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	KG COLLEGE OF ARTS AND SCIENCE
Address	KG College of Arts and Science, KGiSL Campus, Saravanampatti, Coimbatore
City	Coimbatore
State	Tamil Nadu
Pin	641035
Website	<a href="http://www.kgcas.com">www.kgcas.com</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	J.rathinamala	0422-4419999	9677431784	0422-2668955	principal@kgcas.com
IQAC / CIQA coordinator	S.vidhya	0422-4419954	9092923261	0422-2668955	iqac@kgcas.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Tamil Nadu	Bharathiar University	<a href="#">View Document</a>

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	04-05-2012	<a href="#">View Document</a>
12B of UGC	04-05-2012	<a href="#">View Document</a>

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
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?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	KG College of Arts and Science, KGiSL Campus, Saravanampatti, Coimbatore	Urban	11.77	109237.9

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BA,English	36	HSC	English	60	18
UG	BBA,Management Studies	36	HSC	English	60	43
UG	BBA,Management Studies	36	HSC	English	60	44
UG	BCom,Commerce	36	HSC	English	120	120
UG	BCom,Commerce With Computer Applications	36	HSC	English	60	60
UG	BCom,Commerce With Computer Applications	36	HSC	English	120	119
UG	BCom,Commerce With Computer Applications	36	HSC	English	120	120
UG	BSc,Mathematics	36	HSC	English	120	6
UG	BSc,Computer Science	36	HSC	English	180	170
UG	BCA,Computer Applications	36	HSC	English	180	171
UG	BSc,Electronics And Communication Systems	36	HSC	English	60	30
UG	BSc,Information Technology	36	HSC	English	120	120

UG	BSc,Computer Technology	36	HSC	English	120	120
UG	BSc,Biotechnology	36	HSC	English	50	26
PG	MA,English	24	UG	English	50	22
PG	MCom,Management Studies	24	UG	English	50	25
PG	MSc,Mathematics	24	UG	English	50	40
PG	MSc,Computer Science	24	UG	English	50	25
PG	MSc,Software Systems	60	HSC	English	40	14
Doctoral (Ph.D)	PhD or DPhil,Computer Science	36	PG	English	8	8
Doctoral (Ph.D)	PhD or DPhil,Tamil	36	PG	English	8	0
Pre Doctoral (M.Phil)	MPhil,Management Studies	24	PG	English	25	1
Pre Doctoral (M.Phil)	MPhil,Commerce	24	PG	English	50	0
Pre Doctoral (M.Phil)	MPhil,Mathematics	24	PG	English	15	2
Pre Doctoral (M.Phil)	MPhil,Computer Science	24	PG	English	40	0
Pre Doctoral (M.Phil)	MPhil,Electronics And Communication Systems	24	PG	English	5	0
Pre Doctoral (M.Phil)	MPhil,Tamil	24	PG	English	18	0

#### Position Details of Faculty & Staff in the College



Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				20				145			
Recruited	0	0	0	0	8	10	0	18	39	106	0	145
Yet to Recruit	0				2				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				15
Recruited	3	8	0	11
Yet to Recruit				4

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				11
Recruited	8	0	0	8
Yet to Recruit				3

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	8	10	0	8	27	0	53
M.Phil.	0	0	0	0	0	0	23	70	0	93
PG	0	0	0	0	0	0	0	8	9	17
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	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 engaged with the college?	Male	Female	Others	Total
	3	0	0	3

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	569	31	0	0	600
	Female	550	17	0	0	567
	Others	0	0	0	0	0
PG	Male	41	1	0	0	42
	Female	81	3	0	0	84
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	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	38	39	40	58
	Female	51	45	28	42
	Others	0	0	0	0
ST	Male	1	0	1	1
	Female	0	0	1	0
	Others	0	0	0	0
OBC	Male	561	502	532	527
	Female	667	611	616	559
	Others	0	0	0	0
General	Male	58	48	43	58
	Female	58	77	45	48
	Others	0	0	0	0
Others	Male	3	0	0	0
	Female	5	0	0	0
	Others	0	0	0	0
Total		1442	1322	1306	1293

### Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>KGCAS , affiliated to Bharathiar University, follows the curriculum offered by the University under CBCS. However we strive to enrich the curriculum with skill based certificate courses to groom industry ready graduates. Job oriented Value-Added Courses are offered for better employability. Internship for one semester is mandatory for post graduate programmes like M.Sc. Software Systems. Research in Interdisciplinary areas like Electronics and Communication Systems with Bio technology is encouraged very much. Multidisciplinary and interdisciplinary Conferences, seminars, and workshops are often conducted both at national and international level for the teachers and students to get</p>
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	<p>better exposure for the expertise available from far and near. Hackathon, Ideathon, Botathon and Toykathon events conducted in campus and participation out of campus are not discipline specific. In fact they enhance problem-solving, coding and out of box thinking skills of the students beyond the boundaries of their discipline. The MoU's signed with industry partners like CISCO Netacad, AWS Academy and UI Path Academy enrich young minds in the emerging field of IoT, RPA with hands-on training in multiple technological platforms.</p>
2. Academic bank of credits (ABC):	<p>Both UG and PG students are encouraged to take up additional certificate and value- added courses during their course of study for enhancing their language skills. Business English Certificate (BEC) is offered. Besides, both teachers and the students are facilitated to register courses of their choice in COURSERA as well as online courses through SWAYAM &amp; NPTEL, learning foreign languages etc. These courses are offered to enrich the curriculum offered by the parent University.</p>
3. Skill development:	<p>Value Added Skill Enhancement Courses are offered for a minimum of 30 hours duration for all UG &amp; PG students. Industry Linked Job-oriented Certificate courses are proposed to enhance employability skills in association with industries. Business English Certificate (BEC) helps in effective communication skills and leadership qualities. Placement Training is mandatory to all Undergraduate students. Mandatory Internship/Industrial Training and real time projects provide opportunities for understanding the industry needs. MoU s are signed with MSME, NSE, COURSERA, Spoken Tutorial to offer courses that fill the skill gap. Institution Innovation Council (IIC), Product Development Centre enables start-up support with an enabling ecosystem for pre-incubation of ideas through developing cognitive abilities among students.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>We have obtained funding from DST under the scheme SEED/TITE for an amount of Rs.20,69,000, for the project "Preservation of Todas Weaving Art applying Science and Technology". National Language (Hindi) is offered as an optional language under Part I in curriculum for undergraduates. Faculty and students are motivated to learn Hindi. Regional Language (Malayalam) is also offered as an</p>

	<p>optional language for Undergraduates. Basic Tamil and Advanced Tamil courses catered to other language students. Multicultural Ethnic Day is celebrated to showcase and appreciate the cultural differences.</p>
5. Focus on Outcome based education (OBE):	<p>Bharathiar University introduced Outcome Based Education (OBE) from the academic year 2020-21. The syllabus along with Programme and Course Outcomes are uploaded in the University as well as college website. KG College of Arts and Science has started to follow the OBE pattern for the internal assessment one year earlier than its introduction by the parent University. FDPs were organized by the IQAC to the members of faculty on OBE, Bloom's Taxonomy and measurement of COs attainment and mapping of COs &amp; POs through a series of workshops. The respective teacher prepares the lesson plan well in advance and discusses the same in the classroom before starting the course. Bloom's Taxonomy is applied for testing the knowledge levels in terms of attainment of course outcome. Marks are entered in the eCampus in the COs-Ks format. Method of Measuring: Attainment of COs is measured on the basis of the performance of students in CIA and modal exams and ESE. Under direct mode of assessment, two internal tests and one model exam along with assignment, seminars, and quiz are considered and mapping of COs with POs are done accordingly. The CO of each course is correlated with knowledge levels K1 to K6 of Bloom's Taxonomy and assessment of students at various knowledge levels is directly linked with the COs. A mapping matrix is prepared for every course in the program including the elective subjects. Attainment of COs is evaluated on the basis of the performance of students in CIA and ESE. Under direct mode of assessment, two internal tests and one model exam are conducted along with assignments, seminars and quiz at different knowledge levels to cover the COs. A correlation is established between COs and POs on a scale of 1 to 3, 1 being slight (low), 2 being moderate (medium) and 3 being substantial (high). Mapping the COs with POs is demonstrated through integration of COs with POs for the four semesters.</p>
6. Distance education/online education:	<p>Teaching Learning is facilitated by enhancing speed and bandwidth on internet connectivity. Remote Online learning during the pandemic is facilitated by</p>

providing audio and video lectures through platforms like Edmodo, Google meet, Google classroom, Moodle and Kahoot. Online Courses through platforms SWAYAM/ NPTEL (Active Local Chapter) / MOOC/ Spoken Tutorial, and Coursera are encouraged to upskill students. Amrita Virtual Lab (V- Lab) of Ministry of Education, Govt. of India (NMEICT) helps to remotely access the simulated science discipline labs. Online examination and assessments are done through online platforms during Covid-19 pandemic. Value Added Courses (VAC) are the special courses provided with industrial collaborators (Beta Technologies, KGiSL, AWS, CISCO) mostly through online mode.



## Extended Profile

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### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3904	4022	3892	3953	3664

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

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

Response: 243

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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
163	126	138	117	126

### 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
576.87	84.09	263.67	411.18	321.55



## 4. Quality Indicator Framework(QIF)

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### Criterion 1 - Curricular Aspects

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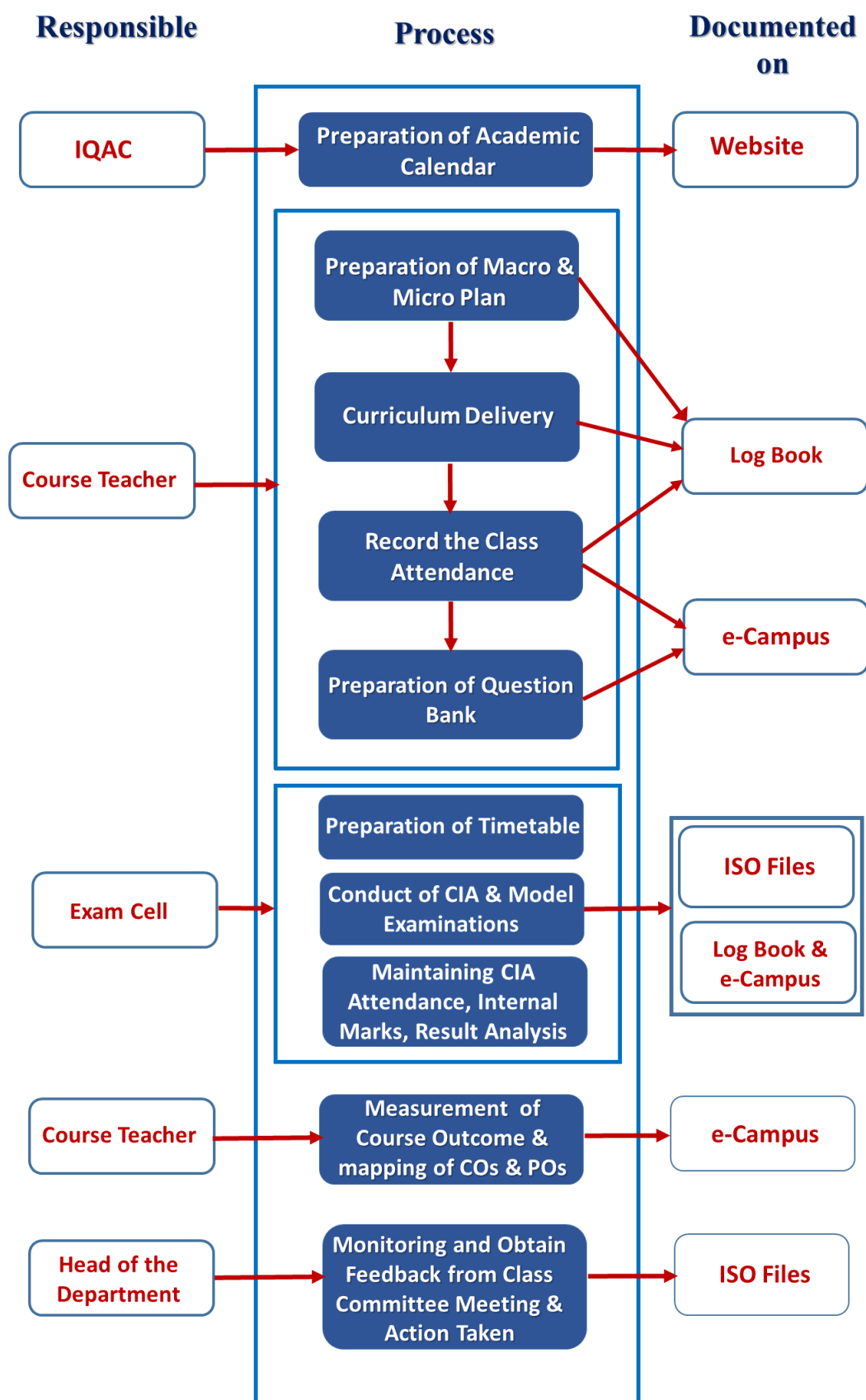
#### 1.1 Curricular Planning and Implementation

**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:**

KG College of Arts and Science, being an affiliated college, follows the curriculum based on the CBCS offered by Bharathiar University. The Teaching Learning Process is made effective through a well-planned and documented process starting from the preparation of academic calendar, schedule of course plan, micro and macro plan, along with enhancement topics, supply of online study materials and conduct of tests and assignments. Log Book is maintained by the course in-charge to record the planned and actual teaching schedules and internal assessments and submitted periodically to Deans and Principal for verification and approval and the same is subjected to ISO audit. Besides, through seminars, industrial visits, projects, industry interactions, internships, and technical sessions experiential as well as participative learning is ensured. The review on effectiveness of curriculum delivery is done through class committee meetings with student representatives (before every internal test).

## Effective Curriculum Delivery



## eCampus

The academic calendar is prepared by IQAC and posted well in advance on the college website. Google, Edmodo classroom platforms are used for effective teaching and learning. Faculty members of respective courses prepare question banks (with need-based revision and modification from time to time) and upload in the e-campus. Questions for internal exams are randomly generated to maintain confidentiality. Internal exams conducted in the Moodle platform are marked automatically and the marks are entered in E-Campus on time. During the pandemic, e-campus served as an effective aid for the parents to check their wards attendance, internal marks instantly and verify whether the study materials are uploaded. Marks secured are intimated to the students within seven days of the completion of the last exam and parents can have access to the same. After completion of 30 working days covering at least one and a half units, one CIA is conducted. Two Internal Exams followed by Model exams are conducted before the end semester exams covering all the units. In case of online exams, teachers use online tools like Kami to evaluate the PDF formatted answer scripts. Academic performance of the students is reviewed and remedial teaching is arranged for slow learners and additional activities are provided for advanced learners. The college has a mentor system to monitor the overall performance of the students and solve their difficulties. Feedback on curriculum and content of the syllabi is collected from the stakeholders and shared with the faculty and University for further revision.

## Uniqueness of Teaching and Learning

Online classes were conducted through Google meet during the pandemic period. To ensure effectiveness of teaching and to retain interest in the students when they are not physically present in the class, **Capability Maturity Model (CMM)** was followed.

### Process of CMM Model

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| 1. Review of the previous class   | - 2 minutes                       |
| 2. Preview of the current session | - 3 minutes                       |
| 3. Lecture through PPT/video      | - 20 minutes                      |
| 4. Intellectual breaks Q & A      | - 5 minutes                       |
| 5. Continuance of the class       | - 20 minutes                      |
| 6. Measurement of outcomes        | - Quizzes/polls/Q&A - 10 minutes. |

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

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

**Response:** 158

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### **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:** 90.17

#### **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
3768	3877	3129	3202	3549

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

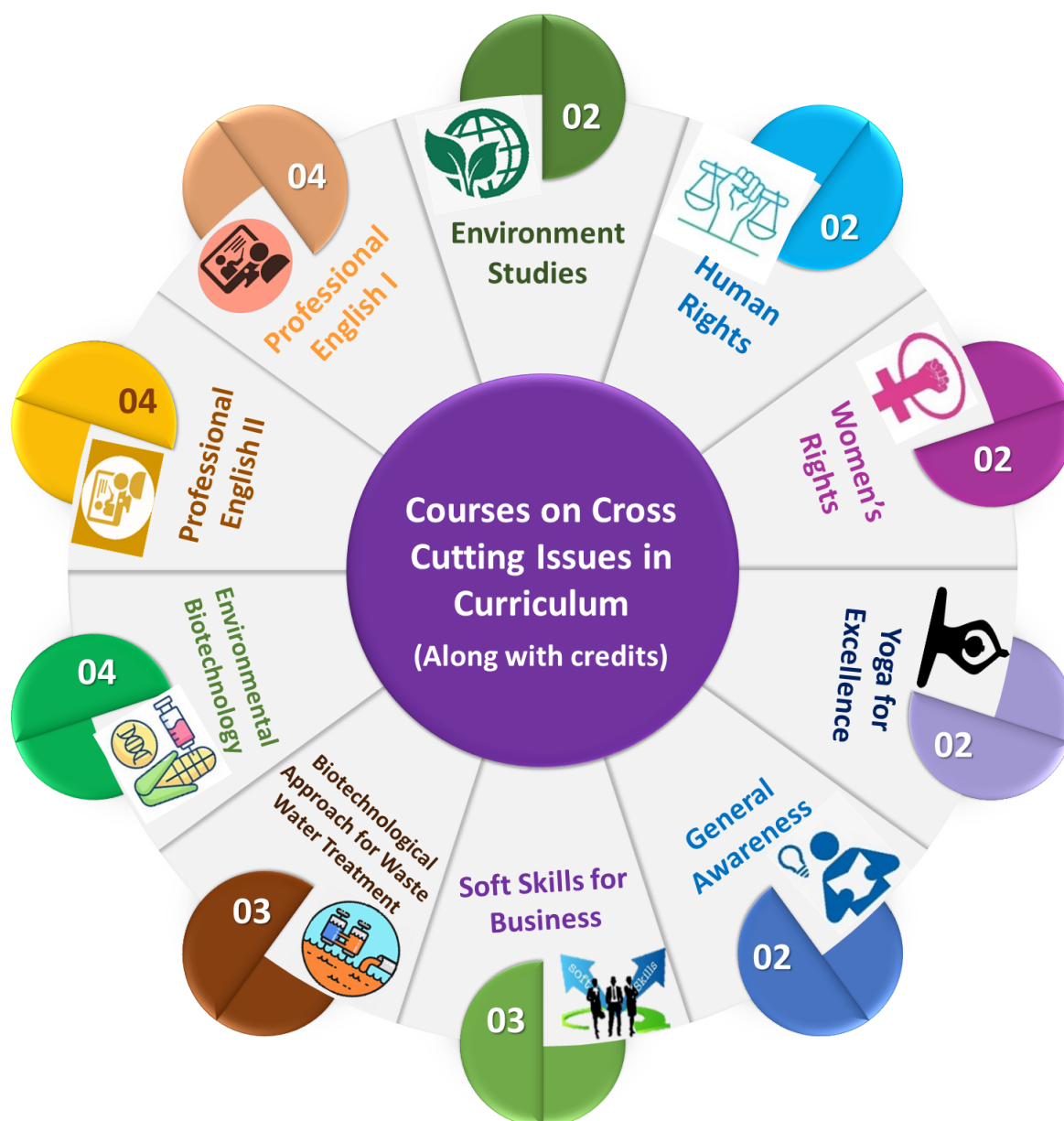
## **1.3 Curriculum Enrichment**

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

**Response:**

The Institution lays emphasis on the holistic development of students to enable them to contribute to their personal and professional development as well. The curriculum prescribed by the University is ingrained with courses relevant to Gender, Environment, Human Values, Professional Ethics, Yoga for Human Excellence with due credits. The institution also undertakes initiatives through co-curricular activities, value-added courses, and through activities of clubs and associations to integrate crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability.

## Courses on Cross Cutting Issues in Curriculum



The following are charted by the college to integrate the entire cross cutting issues through Co-curricular and extra curricular activities.

1. All the departments celebrate special days in commemoration of birthday of freedom fighters, national leaders and epoch-making personalities. Roughly **33** such events are conducted per year.
2. The Eco Club in order to educate the students about the necessity of keeping the environment green and clean organizes awareness programs like nature camps, no vehicle day, campaigns on plastic elimination and energy conservation. The students are encouraged to grow plants in the classrooms to provide a green ambiance. On fresher's day and on farewell days, tree saplings are distributed to the students to grow trees. **World Environment Day** is celebrated every year on **5th June**.
3. International **yoga day (21st June)** is celebrated by conducting webinars, organizing yoga classes with the guidance of certified yoga teachers, and conducting awareness on Yoga through Quizzes. Professional yoga trainers are appointed in the **Center for Life Skill Education (CLSE)** for conducting regular yoga classes to the teachers and the taught.

4. Guest lectures/Webinars are conducted on **8th March**, to celebrate **International Women's Day**. Since 2019, we conduct International Women's Day by honoring outstanding women in different walks of life with awards in the name of our Founder, Smt. Divyalakshmi. Webinars on Cyber Security are conducted to create awareness on women safety.
5. **Farmers Day** is celebrated by visiting farms and interacting with farmers.
6. Awareness programmes about social evils, morality, behavior and conduct, ethics, human rights and human values are imparted by conducting webinars/competitions/quizzes etc.
7. The programmes BBA and BBA CA are having course in the curriculum in Vth semester as Soft skills for Business.
8. Outreach programmes are conducted by each department with the personal participation of students and teachers in orphanages, old age homes to help the needy.
9. Extension activities are integrated to realize the necessity of values and social concerns where all departments organize activities to propagate social consciousness, ethics, team work, leadership and commitment.
10. Activities organized through, NSS, NCC, YRC and outreach programmes like orphanage visit, special children support, health camps, and Swachh Bharat activities reduce social barriers, inequality, and promote social responsibility among students.
11. **Role play** on Gender Equity, Legal Rights for Women, Cyber Safety and Security for Women, Health and hygiene for Women, **Workshop** on Women Wellness & Yoga and Meditation related programmes, **Awareness** on *Kavalan* SoS App, **Webinar** on Health and Nutrition needs for Women are conducted regularly by Women Forum.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 84.04

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

**Response:** 3281

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 81.2

##### 2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1293	1306	1322	1442	1287

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

2021-22	2020-21	2019-20	2018-19	2017-18
1670	1670	1670	1590	1590

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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:** 85.35

##### 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
496	479	477	477	483

##### 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
576	576	576	549	549

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

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

**Response:** 23.95

## 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:**

KGCAS practices various student centric methods to enhance the learning experience to make the students to **Know Their Genius**. Outcome Based Education followed in teaching learning favors Andragogy and Heutagogy.

#### Participative Learning

Active learning methods like interactive sessions, student seminars, group discussions, assignments, problem-solving exercises, quizzes, model building, chart preparation, animation, brainstorming sessions etc., help the students to gain learning style in sync with Participatory Learning. Teachers as mentors facilitating the students to take up massive open online courses through COURSERA and NPTEL resulted in students and teachers earning 22581 certificates. The **group projects** and **Producers Classes** handled by the students provide an opportunity for the students to learn with their peers, encourage teamwork and also instill self-confidence. Clubs and Associations create an engaging environment to develop new competencies by organizing seminars, interdepartmental competitions and inter collegiate symposiums. The Management department students conduct market expos and exhibitions to understand event planning, product promotion and business skills. Role and Street Plays stimulate students learning skills using real world scenarios. Besides, the Technical Club conducts activities like webinars on mobile application development, performance engineering, Photoshop and workshop on 3D printing technology *by the*

**students for the student.** The Capability Maturity Model followed for teaching, support sharing and delivery of educational resources to the students anywhere, anytime. Web and mobile-based applications such as interactive puzzles, Kahoot, Mind Mapping, Hot Potatoes, Edmodo, e-cards, Flashcards and Google Classrooms support learning through participation.

### Problem - Solving

The science students are obliged with project based learning while case presentations are mandatory for arts students. As a member of the Institution's Innovation Council, conducted a minimum of **10 programs** each per year on Innovation, Start-up, Entrepreneurship and IPR for the benefit of the students. The **Ideation camps** conducted on campus support the students to create designs out of their critical thinking. **Boot camps** are conducted to support students in converting their concepts to prototype. The **Product Development Center** offers training for skill enhancement to incubate prototypes to product. Students learn and practice their own ventures in the college campus through the Students Centric methods apart from the classroom learning. KGCAS has signed a MoU with Coimbatore Incubation Center to provide the training for the students in the field of Innovation, Start-up and Entrepreneurship.

### Experiential Learning

In most of the core courses, learning is facilitated by hands-on laboratory experiments, fieldwork, activity based learning, exhibitions and projects. In addition, Value Added Courses (VAC) are the special courses provided with industrial collaborators (Beta Technologies, KGiSL, AWS, CISCO) to make the students gain the knowledge of a given course with industry requirements through practical and theory sessions. The technical skills of the students are enriched by their active participation in hands-on workshops and training. 69 MoUs signed with industries, research organizations assist the students for internships, expert lectures, as well as industrial visits. Case studies and real-time projects (funded by TNSCST) enable the students to test their problem-solving skills through experiential learning.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

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

**Response:** 91.16

#### 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
165	147	143	140	140

File Description	Document
Upload supporting document	<a href="#">View Document</a>

#### **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:** 28.36

##### **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
66	44	32	24	24

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## **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 Academic Calendar with all details is posted on the website well in advance. Marks are disclosed to the students within a week for offline exams and for online exams the students and parents get access to the marks secured instantly. The centralized examination cell conducts Continuous Internal Assessment as per the regulations of Bharathiar University and the academic calendar. Academic year 2020-21 being a pandemic period, Online CIA was done through Moodle platform by giving a unique Login ID to students. Questions are categorized based on the Bloom's Taxonomy to test the knowledge levels, measure the attainment levels and map COs and POs under OBE. Orientation and mock tests are given for using the Moodle platform to students and faculty members.

The CIA is given a weightage of 25% for core and electives, and for skill-based courses it is 20%(Upto 2021 Batch). The weightage has been revised as 50% for core and electives and 30% for skill

based from 2021-22 Batch. All this information can be accessed by the students through the insitutional website. After the completion of every 30 working days, internal exams are conducted and assessed through the Central Valuation System with Examiners and Chief Examiners. Analysis of CIA results is done and submitted to the HoD. Model exams are conducted in the University exam pattern. Students are allowed to verify the final CIA marks before forwarding the same to the University.

### **Redressal of Grievances at the Institution Level**

Central valuation for CIA reduces the grievances from the students. Grievances of students related to the examinations are solved through 1) Mentor, and 2) HoD. The Grievances represented to mentors gets rectified with intimation to HoD. Students are given training well in advance about the do's and don'ts during the end semester online exam. Normally, students face two issues in online exams 1. Downloading question paper 2. Uploading answer scripts. Difficulties expressed by the students related to technical or network issues are cleared with proper guidance of mentors and invigilators and informed to the college exam cell to avoid repetition.

Common grievances of students before the examination are late application form filing, non-receipt of admit card and wrong entries in the same. In either case, grievances are communicated to University by exam cell and resolved on time.

### **Redressal of Grievances Related to University Exams**

Grievance regarding semester examinations viz questions from out of syllabus, change in question paper pattern, the improper split of marks are communicated to University through Principal. Other related queries like, corrections in mark sheets, and certificates issued by the University, change or absence of subject code in the student hall ticket and issues of withheld results due to technical issues are informed on time to University. For 2020 - 21 the timely representation of grievance (online examination) has improved the pass percentage from 77% to 94%. Students are allowed to apply for revaluation, recounting and photocopy of the answer scripts by paying the necessary processing fee to the University within 15 days from the receipt of the mark sheet.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## **2.6 Student Performance and Learning Outcomes**

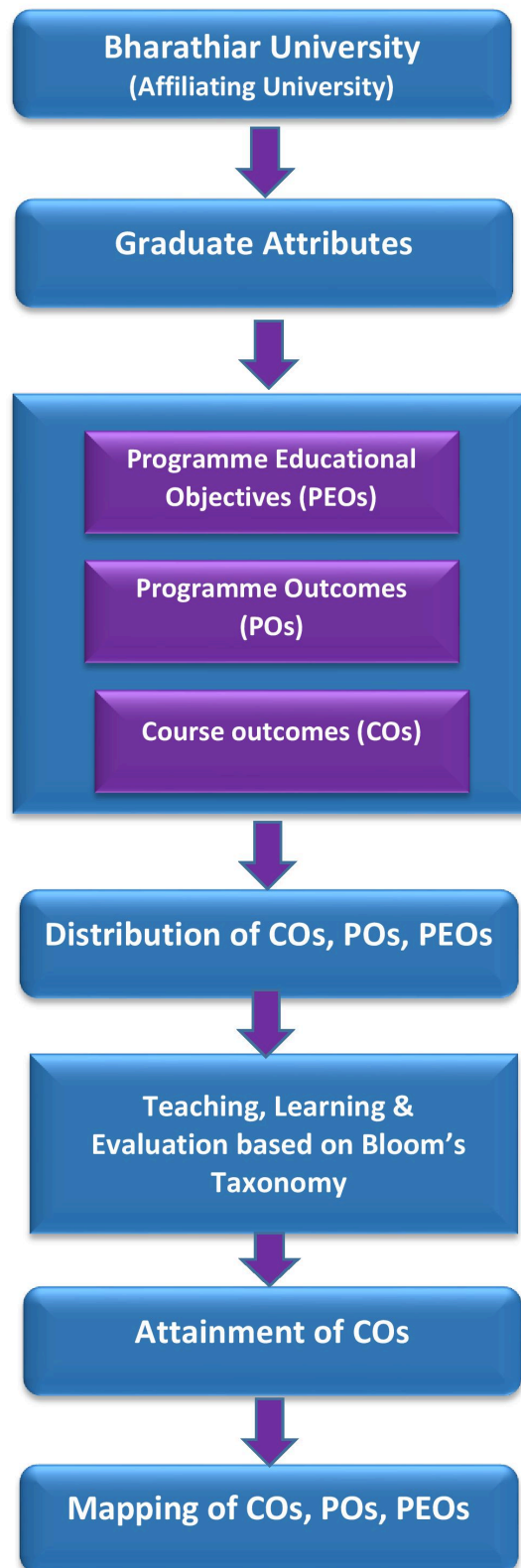
**2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated**

### **Response:**

Bharathiar University introduced Outcome Based Education (OBE) from the academic year 2020-21. The syllabus along with Programme and Course Outcomes are uploaded in the University as well as in the

college website. KGCAS has started to follow the OBE pattern for the internal assessment one year earlier (2019-20) than its introduction by the parent University. FDPs were organized by the IQAC on OBE, Bloom's Taxonomy, measurement of COs attainment and mapping of COs & POs through a series of workshops. The respective teacher prepares the lesson plan well in advance and discusses the same in the classroom before starting the course. Bloom's Taxonomy is applied for testing the knowledge levels and attainment of COs. Marks are entered in the e-campus in the COs-Ks format.

## Evaluation of COs, POs & PEOs



### Method of Measuring

Attainment of COs is measured on the basis of the performance of students in CIA and model exams.



Under direct mode of assessment, two internal tests and one model exam are considered for measuring the levels of attainment of COs. Mapping of COs with POs is subsequently done. The COs of each course is correlated with knowledge levels K1 to K6 of Bloom's Taxonomy and assessment of students at various knowledge levels is directly linked with the COs. The threshold value is the minimum pass percentage for each CO in the subject is fixed. The rubrics employed are

Attainment level	Description		Correlation level
1	Percentage of students secured more than 50% of marks	Upto 60%	Slight(1)
2		61% - 70%	Moderate(2)
3		More than 70%	Substantial(3)

A correlation is established between COs and POs on a scale of 1 to 3. Mapping the COs with POs is demonstrated through integration of COs with POs for all the semesters.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6.2 Pass percentage of Students during last five years

**Response:** 89.65

### 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
1296	1118	1061	941	1006

### 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
1368	1169	1290	1069	1152

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.91

File Description	Document
Upload database of all students on roll	<a href="#">View Document</a>

## 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:** 28.13

**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
4.71	0.78	0.20	21.89	0.55

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

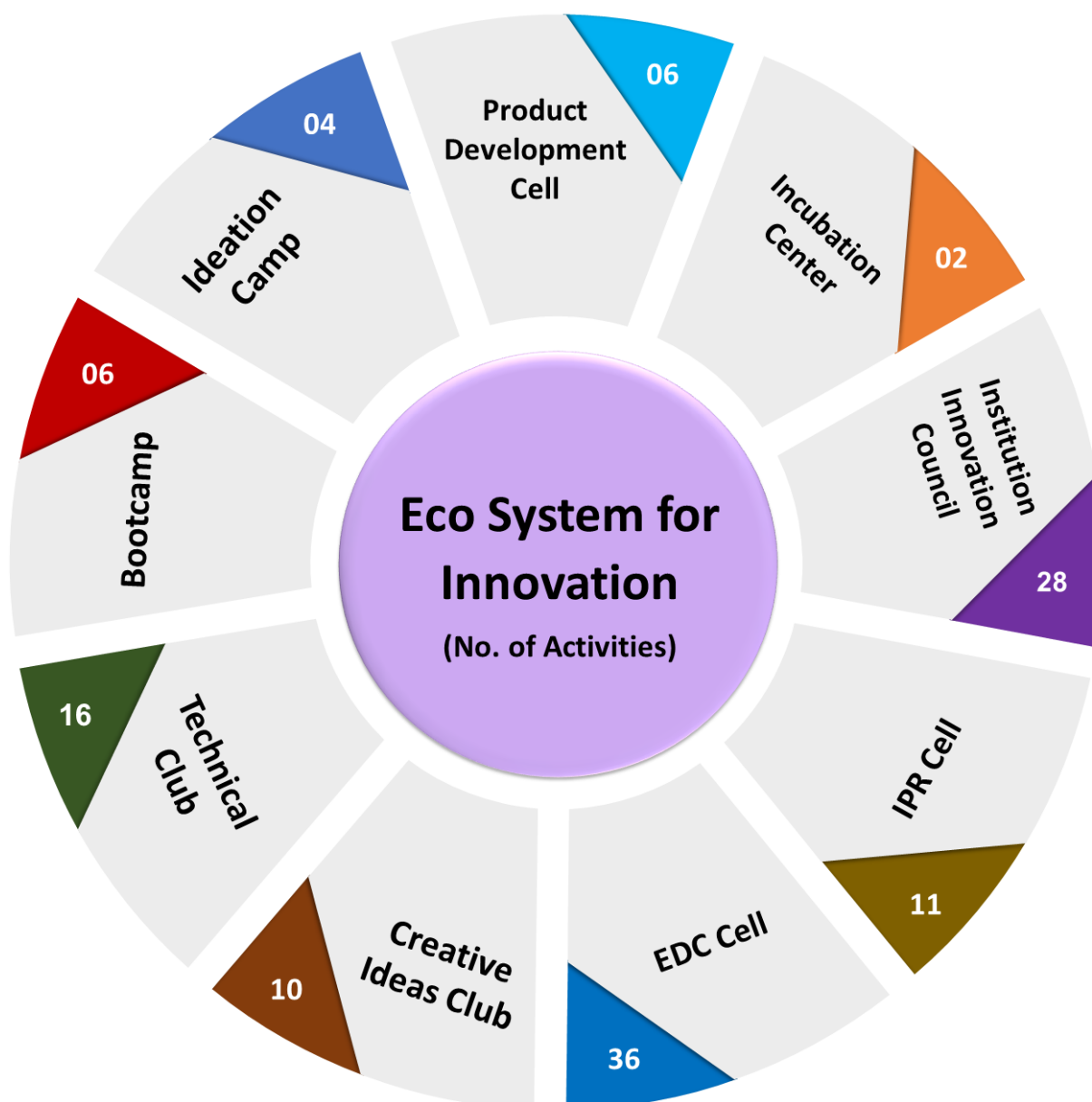
### 3.2 Innovation Ecosystem

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

**Response:**

KGCAS has already created a niche for itself in promoting the Innovation. The **Product Development Cell (PDC)** was inaugurated on 08/12/2018. PDC with essential infrastructure and monetary provisions offers training for skill enhancement to incubate prototypes to product and later assists to patent either the process or the product. AGILE Incubation Centre (AIC) with a co-working space is created.

KGCAS has signed MoUs with Coimbatore Incubation Center - FORGE Accelerator, KCT Tech park and Golden Jubilee BioTech Park to provide training for the students in the field of Innovation, Start-up and Entrepreneurship. With adequate physical and human infrastructure, we have promoted entrepreneurial and start-up culture by establishing the **Institution Innovation Council (IIC) in 2018** under the **Ministry of Education (MoE)**. 13 faculty members were trained as Innovation Ambassadors. A minimum of 10 programs per year on Innovation, Start-up, Entrepreneurship and IPR were conducted. The **Ideation camps** conducted on campus , support the students to create designs out of their critical thinking and to solve the baffling problems. **Boot camps** are conducted to support students in converting their concepts to prototype. Conducted a 21 day coding challenge in HTML and CSS.



**The Intellectual Property Rights Cell (IPR Cell)** has conducted 10 activities , applied and published 06 patents.

**Entrepreneurship Development Cell (EDC)** conducts workshops on Entrepreneurship regularly. Organised Boot Camp with Anna University with the funding of Rs.10000 from the hub.

**The Centre for Agri-Business Entrepreneurship Development (CAED)** Cell Conducted 33 activities and has created an ecosystem of collaboration with agriculture-research institutions.

**Creative Ideas Club** has conducted 09 activities, the **Technical Club** 04 activities besides three Entrepreneurship Awareness Camps funded by DST - NIMAT.

#### Evidence of Success

- Listed in BAND-B in ARIIA & 4 Star rating under IIC.
- Selected as a Mentor Institution by MIC.
- Won the 3rd position in the Regional Final in the Youth Talk organised by ICT Academy
- Published 06 Patents and obtained 14 copyrights.
- 03 student's Projects were selected for funding from TNSCST
- Received CISCO Net academy Membership
- 56- Hours hackathon conducted by Coimbatore Innovation and Incubation Center - FORGE Accelerator - Our team got scholarship to pursue PROTOSEM Diploma course at FORGE
- In the national Toycathon, KGCAS team won the title in the Grand Finale conducted at Greater Noida with a cash award of Rs 25,000.
- In association with AWS academy we trained our students in AI and ML and launched the AWS DeepRacer, an autonomous car in physical track. Subsequently online course was given for registered participants across the state and conducted DeepRacer Grand Finale on 10.03.2022 & 11.03.2022 .

so far 2116 KGCAS students have participated in 12 hackathon events.

The notable are,

1. Tata Crucible Hackathon at Christ University, Bengaluru - three teams participated.
2. TiE Coimbatore - funding Carnival - our team received Rs.30000/- per month for one year to proceed with their startup.
3. Through ICT Academy, on an average 150 students received badges & certificates from global industry partners for completing self-study courses.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**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:** 132

**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
70	40	8	6	8

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

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

**Response:** 1.78

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

2021-22	2020-21	2019-20	2018-19	2017-18
62	76	49	110	136

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:** 2.02

**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
279	51	55	67	39

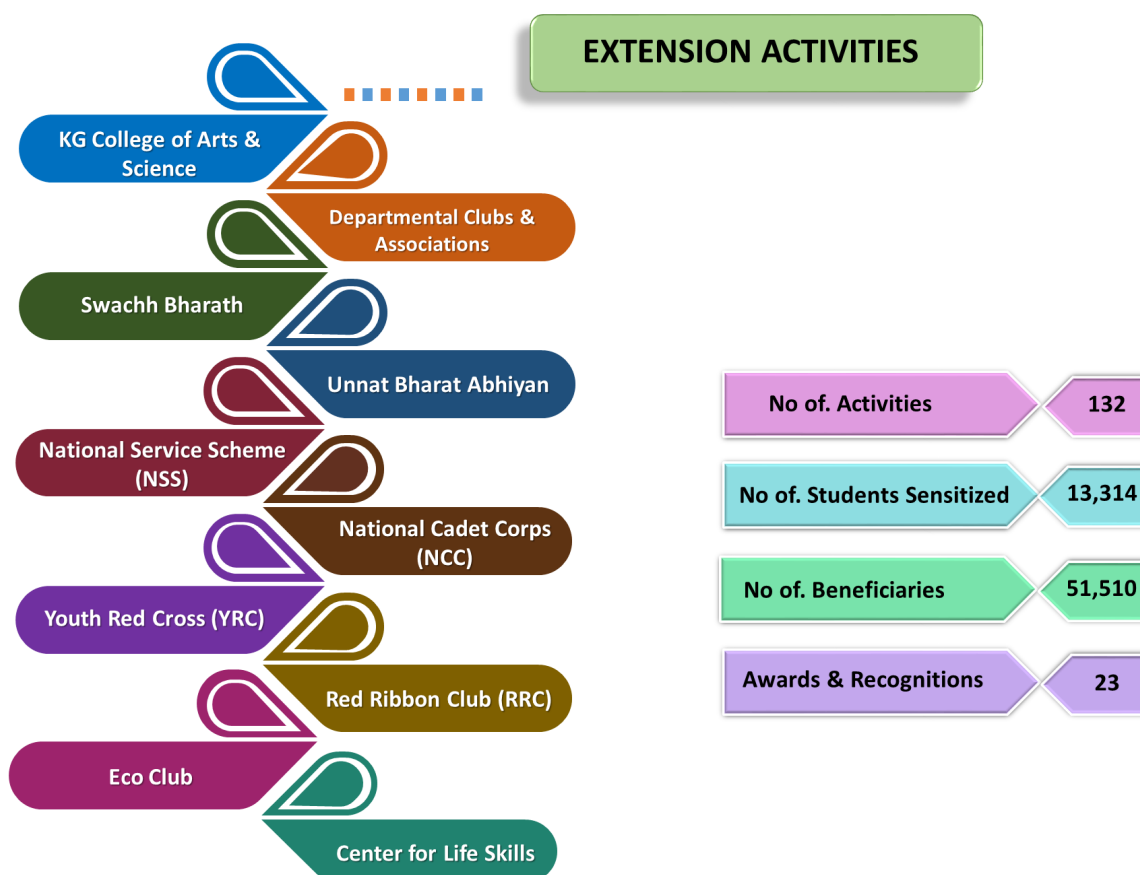
File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

### 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:**

KGCAS carries out the extension activities to sensitize students towards social issues to inculcate ethical, social and moral responsibilities by service to neighborhood communities.



- A contribution of **Rs.One Crore** towards the **Chief Minister's Public Relief Fund** to battle COVID-19 by our KGiSL Trust.
- **Two KGCAS buses fitted with Oxygen cylinders** to Government hospital to be used to shift the

Covid affected patients from their residence to hospitals at the time of medical emergency. The timely effort of ours could save 24 lives at a time before they could get admission in the hospitals.

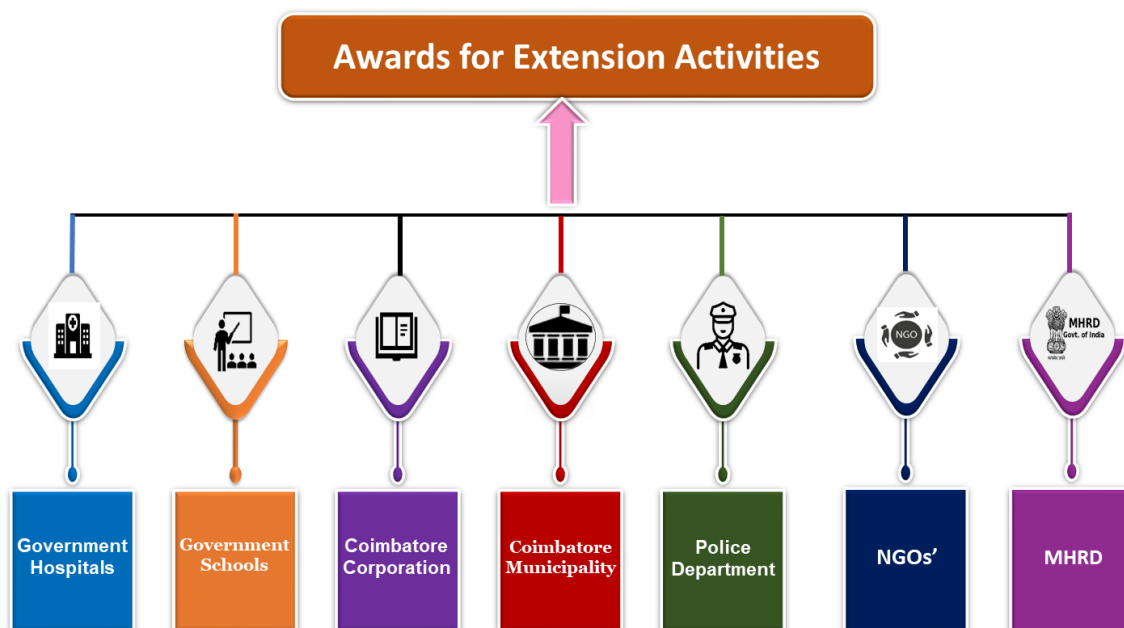
- Published a booklet containing DOs and DON'Ts during covid for the benefit of frontline workers.
- In association with NGO, initiated **Annadhana** scheme during the peak of the pandemic which could feed 1000 people every day for 30 days benefiting 30000 needy.
- Four **NSS** units with 400 dedicated student volunteers were actively involved in the distribution of tree saplings to Govt. Schools/ Offices, and planted close to 5000 saplings in and around Bharathiar University. Organized six blood donation camps and donated a total of 957 units of blood. Sensitization programmes and awareness rallies are conducted on Save Girl Child, Avoid Plastic, Plant Trees, TB, Voting Rights and on COVID- 19 protocol to school students. Cleanliness campaigns, black board painting and white washing of corporation schools are the other activities. Under Swachh Bharat, Chinnavedampatti lake was cleaned. Under UBA, conducted socio economic survey in adopted villages.
- **National Cadet Corps (NCC)** is established to develop character, comradeship, discipline, leadership, secular outlook, spirit of adventure, and ideals of selfless service.
- Under the **outreach programme**, the departmental associations and clubs have undertaken various activities. The students and faculty members visited the local orphanages and old-age homes and gave awareness about the precautionary measures to avoid Covid and provided them with masks, sanitizers, and lunch. Children at the orphanage were provided food and stationary items. The students spent time with mentally challenged inmates in orphanages to make them feel that they are cared for.
- **Environmental / Eco club** alone has distributed around 4850 tree saplings during the assessment period in celebration of World Environment Day every year on 5th June and supplied indoor plants to all classes and faculty rooms to increase the indoor oxygen levels. On Fresher's day and on farewell days, tree saplings are distributed to the students at free of cost to encourage the students to grow more trees.
- Herbal garden is maintained.
- Conducted cycle rally for SAVE SOIL initiative along with *Isha foundation* on 22/04/2022.
- For collecting plastic wastes, students received certificates under **Bhoomi Kappan** scheme.
- By inviting rural artisans, hands-on training with supply of materials was given to convert waste to wealth for 50 Women SHGs members with the funding from TNSCST and with an expo of their products.
- For 70 Government school children of 2021- 2022 batch, KGCAS facilitated a special coaching camp with free hostel, food and venue for one month to prepare them for NEET exams.
- CLSE provides psychological counseling to the school students.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
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### 3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

**Response:**





For sensitising students towards social issues and inculcating moral responsibilities KGCAS has received awards and recognition from various Government and Non-Government Organizations. **132 extension activities** are carried out and **23 awards** are received during the last five years.

Academic Year	Number of Activities	Number of Students	Awards Received	Organizing Unit, Collaborating Agent
2021 - 2022	33	2092	14	<ul style="list-style-type: none"> <li>Villages</li> <li>Government Schools</li> <li>Municipal Offices</li> <li>Police, Hospitals</li> <li>Old Age Homes</li> <li>Orphanages</li> <li>Blind Schools</li> <li>Handicapped Schools</li> </ul>
2020 - 2021	44	2732	8	
2019 - 2020	15	2140	-	
2018 - 2019	21	2260	-	
2017 - 2018	19	4160	1	

File Description	Document
Upload Additional information	<a href="#">View Document</a>
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**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:** 132

**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
33	44	15	21	19

File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.5 Collaboration

**3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:**

**Response:** 69

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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 institution has adequate infrastructure both academic and physical to facilitate teaching learning. To accommodate 14 UG and 5 PG programmes offered, the institution has 83 classrooms. These classrooms are spacious, highly – ventilated to give all the comforts of a proper classroom to the students. The desks are arranged in such a way that it gives comfort of seating for longer duration. In terms of space and infrastructure, these classes are fully equipped. In addition to the blackboards, the classrooms are ICT enabled.

Totally there are 796 computers, 650 are housed in 11 computer labs with all necessary softwares to take care of the practical classes. Few systems in these labs are loaded with software to benefit the visually challenged students. The student, computer ratio is 6:1. In addition to the computer labs, there is a Biotechnology lab equipped with the most modern and sophisticated equipments to facilitate the practical classes.

- The electronic devices installed in ECS lab and MATLAB facilitates the students to think and learn out of box.
- The language lab is instrumental in promoting communication skills of the students. It also prepares the students for Business English Certification provided by British English Council.
- The campus is Wi-Fi – enabled with bandwidth of 100 Mbps with 24/7 internet connectivity.
- Spacious Library adequately ventilated with good collection of books and journals support as a learning resource center.
- The library has membership in the N-list, DELNET, IEEE and DLine which gives access to digital resources.
- Open air auditorium with a capacity of 3500 , facilitates the conduct of mega events like college day, graduation day etc.
- There is an air-conditioned auditorium and three seminar halls to conduct college level and department level activities like seminars/workshops.
- The five storied building has the facility of operating lifts.
- Separate activity rooms are provided for NCC, NSS, YRC, RRC and Placement Cell.
- 24×7 ambulance service in case of emergency, CCTV cameras, Yoga Center, Gymnasium are available.
- Adequate number of store rooms, power rooms, water purifying units, fire extinguishers and emergency exit are available.
- Notice boards and Public Addressing Systems are available.
- Ramp, Rails facility and Wheel chairs are available to support differently abled students.
- Gym for boys and girls.
- Ground for conducting Track Events, Field Events and Games.

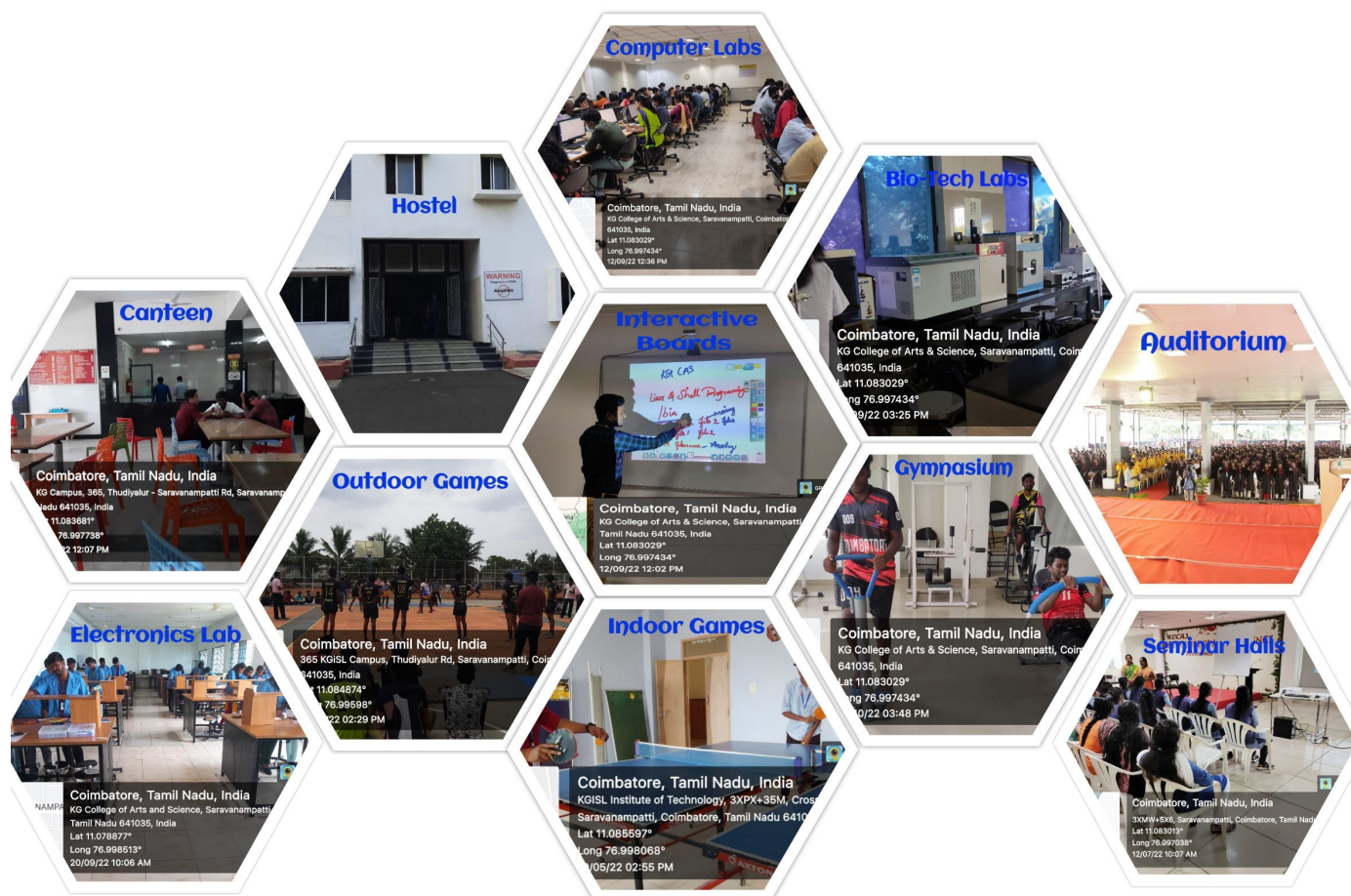
- **Courts available for outdoor games:**

<b>S. No.</b>	<b>Game</b>	<b>Specification</b>
1.	Volleyball	9.4m x 18.3m
2.	Football	70m x 106m
3.	Cricket	7.32m x 21.12m
4.	Handball	20m x 40m
5.	Basket Ball	15.24m x 26m
6.	Long and High Jump	56.81m x 4m
7.	Kabaddi	10m x 19.5m
8.	Tennikoit	6.6m x 12.2m
9.	Kho-Kho	28m x 17m

**Courts available for indoor games:**

S. No.	Name of the Indoor Game	Available Numbers
1	Shuttle	1
2	Table Tennis	2

## Infrastructure & Facilities



File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 25.57

##### 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
239.47	0.40	4.12	139.62	40.21

File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

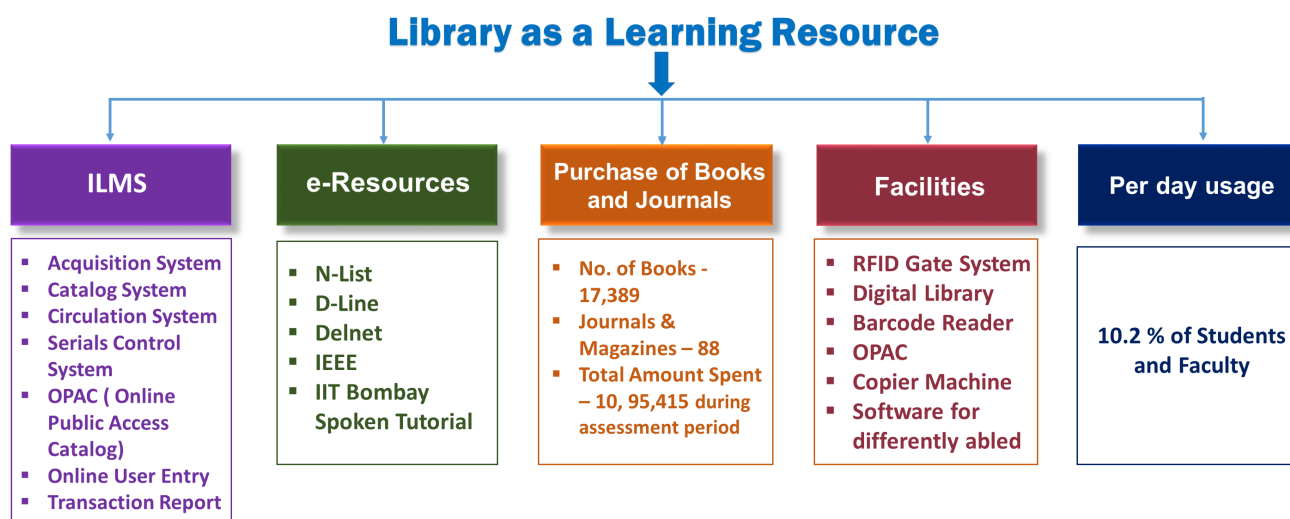
## 4.2 Library as a Learning Resource

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

**Response:**

- KGCAS library is spacious, with built-in area of 3,000 sq. mt. and is adequately ventilated. Collection of 17,389 books and subscription of 88 periodicals including journals and magazines, scanner and printer for reprographic support facilities.
- Library is fully automated with the Integrated Library Management System (ILMS). It has Online Public Access System (OPAC) and Wi-Fi enabled. Library has membership in the **N-list with 1,37,809 e-books and 6522 e-journals, DELNET with 158330 e-books and 2700 e-journals as well as IEEE, IIT Bombay Spoken Tutorial and D – LINE** which assists the teachers and the students to have access to digital learning resources. Library has adequate computers with appropriate software, making the system user friendly. Exclusive open source software loaded systems are available in the library for visually challenged students. Photocopying facility is also available.
- The Library uses a barcode reader for maintaining the issue and return of books. RFID entry using the barcode during entry and exit is ensured through the Barcode printed on the Identity cards of faculty and students. They can use it to access and borrow books from the library that helps to consolidate the usage statistics - Daily, Monthly, Category wise, and as required.

- Key features of Integrated Library Management System:
  - Acquisition System
  - Cataloging System
  - Circulation System
  - Serials Control System
  - OPAC (Online Public Access Catalog)
  - Stock Verification
  - Online User Entry
  - Transaction Report



File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 4.3 IT Infrastructure

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

**Response:**

**IT facilities:**

**KG College of Arts and Science has good IT facilities with state-of the art infrastructure and Wi-Fi**

facilities. All the computers are connected through LAN and available to the students as per the requirements and need based.

**Technology upgradation (overall): 2017 – 2018**

<b>Particulars</b>	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centers</b>	<b>Office</b>	<b>Departments</b>	<b>Others</b>
Existing	645	575	TATA-leased 13 Mbps speed wired	6	14	17	33
Added	20	-	-	-	-	-	20
<b>Total</b>	<b>665</b>	<b>575</b>	<b>13 Mbps</b>	<b>6</b>	<b>14</b>	<b>17</b>	<b>53</b>

**Technology upgradation (overall): 2018 – 2019**

<b>Particulars</b>	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centers</b>	<b>Office</b>	<b>Departments</b>	<b>Others</b>
Existing	665	575	TATA-leased 50 Mbps speed wired	6	14	17	53
Added	5	5	-	-	-	-	-
<b>Total</b>	<b>670</b>	<b>580</b>	<b>50 Mbps</b>	<b>6</b>	<b>14</b>	<b>17</b>	<b>53</b>

**Technology upgradation (overall): 2019 – 2020**

<b>Particulars</b>	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centers</b>	<b>Office</b>	<b>Departments</b>	<b>Others</b>
Existing	670	580	TATA-leased 50 Mbps speed wired	6	14	17	53
Added	16	10	50 Mbps	-	6	-	-
<b>Total</b>	<b>686</b>	<b>590</b>	<b>100 Mbps</b>	<b>6</b>	<b>20</b>	<b>17</b>	<b>53</b>

**Technology upgradation (overall): 2020 – 2021**

<b>Particulars</b>	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centers</b>	<b>Office</b>	<b>Departments</b>	<b>Others</b>
Existing	686	590	100 Mbps speed wired	6	20	17	53
Added	60	60	Wi-Fi	-	-	-	-
<b>Total</b>	<b>746</b>	<b>650</b>	<b>100 Mbps</b>	<b>6</b>	<b>20</b>	<b>17</b>	<b>53</b>

**Technology upgradation (overall): 2021 – 2022**



Particulars	Total Computers	Computer Labs	Internet	Browsing Centers	Language Lab	Office	Departments	Others
Existing	746	650	100 Mbps speed wired	6	-	20	17	53
Added	-	-	Wi-Fi	-	50	-	-	-
<b>Total</b>	<b>796</b>	<b>650</b>	<b>100 Mbps</b>	<b>6</b>	<b>50</b>	<b>20</b>	<b>17</b>	<b>53</b>

**Sufficient Bandwidth for Internet Connection:**

**Specify the Bandwidth of internet connection in the Institution:**

S.No.	Academic Year	Bandwidth
1	2017-2018	13 Mbps
2	2018-2019	50 Mbps
3	2019-2020	100 Mbps
4	2020-2021	100 Mbps
5	2021-2022	100 Mbps

File Description	Document
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#### **4.3.2 Student – Computer ratio (Data for the latest completed academic year)**

**Response:** 6.01

##### **4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

**Response:** 650

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## **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:** 74.43

**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
337.40	83.69	259.55	271.56	281.34

File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

## 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:** 23.1

##### 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
3904	189	130	52	214

File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 65.38

##### 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
2344	3600	2556	1813	2393

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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	<a href="#">View Document</a>

## 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:** 65.05

**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
1001	854	724	806	676

**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
1320	1375	1173	1301	1074

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:** 95.36

**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
58	06	264	0	01

**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
62	08	274	0	01

File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

### 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:** 73

**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
30	4	22	6	11

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### **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:** 41.2

#### **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
56	31	46	33	40

File Description	Document
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Institutional data in the prescribed format	<a href="#">View Document</a>

## **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:**

**Alumni Association** of KGCAS is registered under TamilNadu Societies Registration Act 1978 (**TN Act 27 of 1975 – SI. No. 310/2017**). It is an active association with around 3,500 members on roll as good will ambassadors who contribute significantly to the overall growth and development of the college.

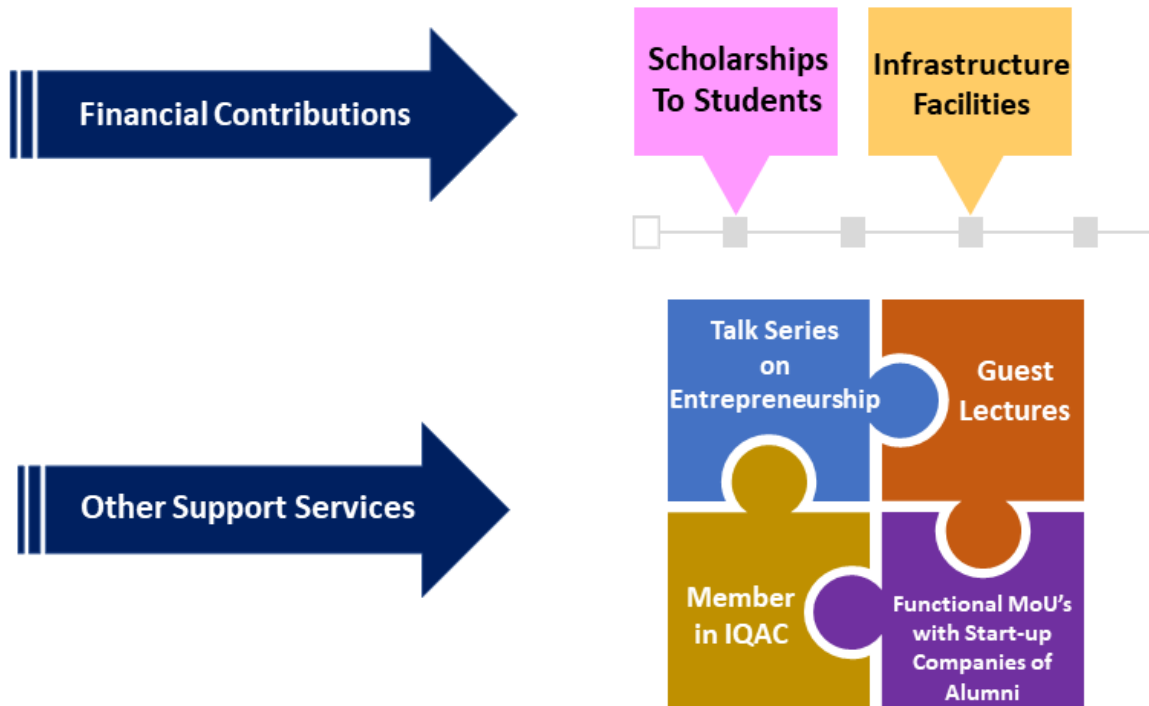
## Alumni Strength

Total Number of Alumni from  
the Year of Inspection



11343

## Alumni Contributions



KGCAS feels proud to acknowledge the alumni posted in coveted positions spread, beyond the national boundaries across the globe. They are the outstanding examples of the motto of our college ***"Know Your Genius"***. We are happy to register that many of our alumni have carved for themselves as successful entrepreneurs and some of them do provide internship opportunities to our students. Alumni of the institution volunteer themselves to share their winning experience with the students to motivate them for success. Alumni entrepreneurs also sensitize the students through awareness programmes on entrepreneurship development and innovation. They do participate in alumni talk series to educate the students on Professional/Personal Skills, Career opportunities and Placement drives etc. So far 108 alumni talks were given by our proud alumni. KGCAS never misses an opportunity to get associated with alumni as they are very regularly contacted for getting inputs on recent trends in industry and the feedback on curriculum. We are equally glad to acknowledge that a few of our alumni are serving

their alma mater currently.

Alumni Association of the college aims to maintain a strong rapport between passed out and the present students which helps the growth of each other. Their contribution to alumni fund amounts Rs. 5,25,000 to provide financial support for 1151 needy students who are single parented / economically backward and first generation learners / Covid affected family and a photocopier to the library.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
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## 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

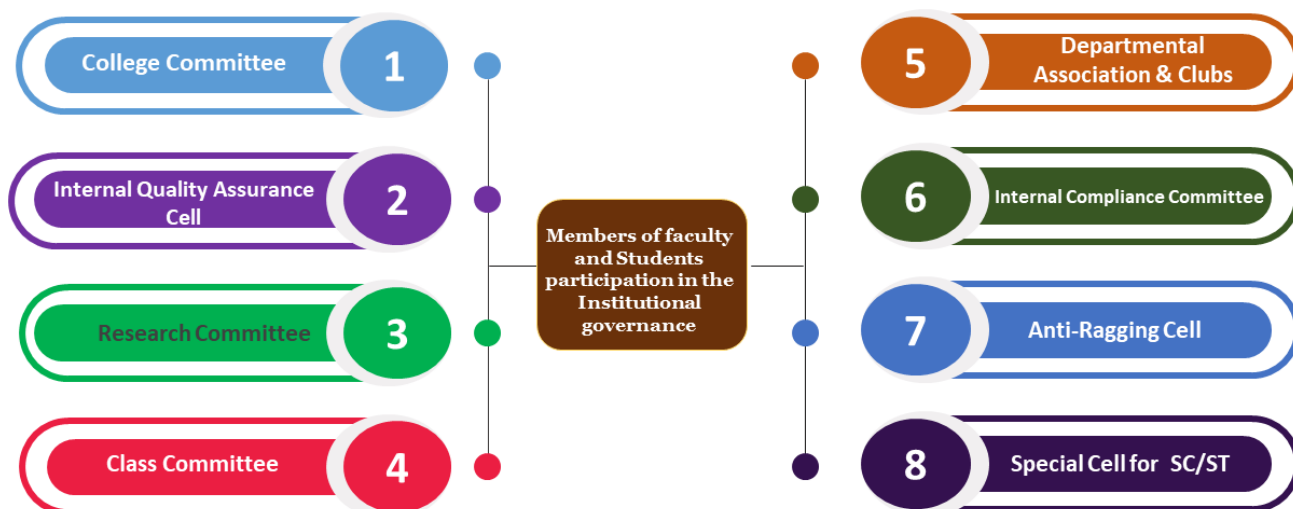
#### Response:

The core of the governance system *Co-Kreate Your Genius* is derived from its CMVO Statements.



KGCAS was established under KGiSL trust, by the founder trustee Dr.Ashok Bakthavathsalam. The governance system at KGCAS is inclusive and participative with members of all key stakeholders – the Management, University, Academia and Industry in the College Committee as per the Tamil Nadu Private Colleges Regulations Act. The Managing Trustee, CEO and Secretary of the college are available on a day to day basis for decision making. The managing trustee approves the mission, strategic goals, objectives and the annual budget for the college. The CEO takes care of income and expenditure. The secretary plays a role in carrying out the responsibility of implementing the strategic plans into action. The Principal with the authority undertakes day-to-day academic administration. The Vice-Principal - Academics takes care of all the processes in the academics and its implementation. The Vice-Principal - Administration is involved in the exams and administrative process. In addition, Deans of functional areas –support all statutory compliances, extension of co-curricular activities and discipline on campus. Ever vibrant IQAC prepares the institution for quality enhancement.

## Participation of Teachers in Institutional Governance



Academic systems and processes of implementation are evolved based on the experience and wisdom of the HoDs, faculty members, coupled with the feedback received from the alumni, parents and the students.

The heads of the departments plan all the departmental activities, programs and events to be conducted, technical training to be provided for the students, the budget requirements, deputation of faculty to conferences/workshops/seminars with sponsorship, etc.

Participation in regular academic and administrative activities of the institution is ensured by giving due recognition to the members of faculty and making them part of all the decision-making committees of the institution right from College Committee to all other statutory and non-statutory committees. Committees and teams are constituted for specific tasks with defined roles and responsibilities. Both top down and bottom-up approach is followed in the conduct of activities of the institution. The policy making decisions normally gets transferred from top to bottom like starting new programmes, MoU's for Global certification, expansion of infrastructure and sanctioning the positions. While suggestions for improvement, quality enhancement mechanism is initiated by getting suggestions from the faculty members as well as students. The innovative ideas of the teachers and the students bloom through the activities of the clubs and association of all the departments where the teachers and the students share equal space in conducting the activities.

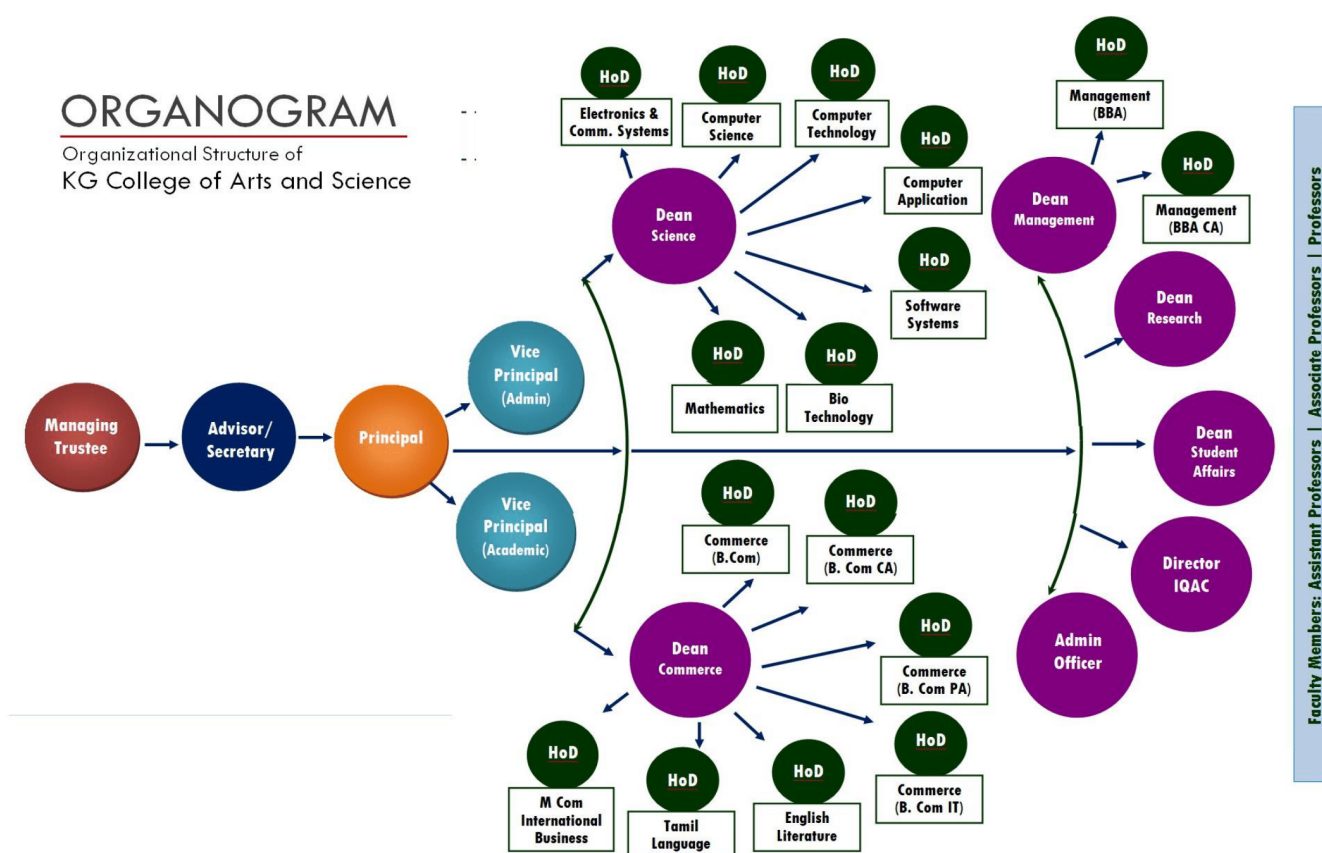
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## 6.2 Strategy Development and Deployment

**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:

The College Committee takes care of matters of policy and governance. Approval of financials falls within its purview of the Chief Executive Officer. Based on the directions received, the Principal, in consultation with the Secretary of the college, manages the day-to-day affairs. Senior faculty are designated as Vice-Principals to support the administration and academics. The admissions are done to the eligible candidates as per the norms/rules amended by the Government/UGC/University time to time. The office administration is computerized to deal with the accounts, students' requirements, communication, scholarships and other related activities. The Deans, Department Heads, the Director IQAC, coordinate while the teachers and convenors of facilitative structures viz Committees/Cells/ Clubs/Associations perform curricular as well as co-curricular and extracurricular activities. Decision-making powers are delegated to various levels in the organizational hierarchy to foster decentralization. Frequent meetings are held at all levels to ensure a seamless and hierarchical process evolved with SOPs. The roles and responsibilities of various bodies are well defined in order to ensure accountability.



The process of recruitment, policy for promotion of faculty, staff and student welfare measures stand as a testimony to human resource management. The recruitment is undertaken through a systematic

process. The eligible applicants are called for interview by the selection committee and the selection is based on merit. The entire recruited faculty will be on probation for a period of one year and confirmed after the satisfactory completion of probation. The service rule provides the norms for casual leave, medical leave, maternity leave, on duty as well as welfare measures for all the teaching and non-teaching staff. The Grievances Committee, Internal Complaints Committee, Anti-ragging Committee and SC/ST Committee work towards the harmony of the institution.

### **Strategic Plan: Increasing the use of ICT in teaching, learning and evaluation**

**Need:** Recommended in the PTR of first cycle.

**Purpose:** ICTs as powerful enabling tools for educational changes have potential to expand access, strengthen the process and enhance the quality of education by transforming the learning environment learner-centric.

#### **Process**

- FDPs through workshops/seminars/hands-on training on ICT Tools.
- Faculty Interaction Programmes (FIP) - Demonstration of ICT tools by the peers to bring the teachers to their comfort zone and remove hesitation.
- Increase in the bandwidth.

#### **Implementation 2017 -2019**

- KGCAS - pioneer in using campus management system **e-campus** developed by our sister concern KGiSL.
- Preparation of E-content by course teachers.
- Preparation of short videos and uploading in the e-campus and youtube.
- Wi-Fi enabled campus with official email id for teacher and taught.
- Allocation of assignment, submission and evaluation through **e-campus**.

#### **2020 - 2022**

- Implementation of FIP in Google classroom, Google Meet, Edmodo, Kami, Quizziz, Kahoot, Screen castify, Jam board, Microsoft teams, Educaplay, Quizwhizzer, Poll Everywhere etc.
- Dedicated Moodle server for Online Internal Assessment.
- Preparation of question bank based on Bloom's Taxonomy and uploaded in the Moodle platform.
- Generation of questions for online Internal Assessment and evaluation.

#### **Review and refinement initiated through**

- Class Committee meetings for student's feedback.
- Class observation by the Deans and HoDs
- Sharing remarks to teachers
- Preparation of video tutorials and materials for enhancing the usage of ICT.
- Increased use of projectors and interactive boards.

File Description	Document
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### 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	<a href="#">View Document</a>

## 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:**

The institution has evolved welfare measures for teaching and non-teaching staff for improving their well-being and enhancing efficiency.

#### 1. Monetary welfare measures for teaching and non-teaching staff

- **EPF** is applicable from the date of joining the institution.
- **Employees State Insurance** to all eligible teachers and non-teaching staff.
- **Mediclaim** to all
- **Gratuity** benefits for those with five years and above experience is paid for those who leave college with due resignation at the time of relieving.

#### 2. Special increments

- Faculty members who complete their Ph.D. Degree while in service are entitled for a special increment of Rs.5, 000/- per month.
- Faculty members, who qualify for SET / NET while in service, are entitled for the special increment of Rs.1000/ per month.
- Faculty members, who qualify for MPhil while in service, are entitled for the special increment of

Rs.1000/ per month.

### 3. Annual increments

Annual increments are given based on the performance of the individual faculty members and non-teaching staff.

### 4. Seed Money

Eligible project proposals submitted by the faculty members are granted with seed money. Three of our teachers received seed money.

### 5.Support Grant

Faculty members are also granted financial support for publications and to attend conferences, workshops and FDP. 36.4% of teachers have benefited during last five years.

### 6.General Welfare Measures

- Faculty members are eligible for **Casual leave, medical leave, maternity leave, vacation leave and on-duty leave.**
- Counseling on stress management through Center for Life Skill Education for improving their physical and mental health.
- **Covid-19 Antibody Test** is provided to faculty members and non-teaching staff at a discounted rate.
- Teaching and Non-teaching staff are given **outbound training, yoga, Zumba dance.**
- **Eye Camp** and **Physiotherapy training** are conducted to faculty members and non- teaching staff at free of cost.
- Teaching and non-teaching staff who were affected by Covid while in service were sanctioned with medical leave till their recovery with full salary.
- Covid vaccines are provided at free of cost.
- **Laptops** are given to faculty members.
- There is a provision to admit the wards of our employees with fee concession.

A comprehensive 360 degree Performance Appraisal System (PAS) is followed to assess the performance of teaching and non-teaching staff annually. Based on

- The content submitted through self-appraisal form
- Feedback received from the students, concerned HoDs, Deans, and the Principal

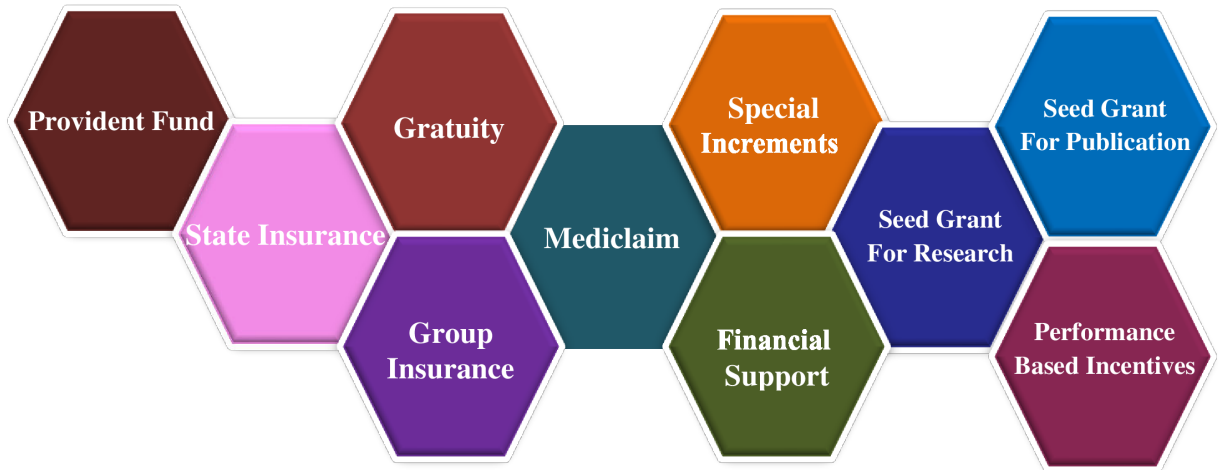
The self -appraisal is made based on the following metrics:

- Faculty Educational Qualification as well as additional qualification obtained.
- Teaching Experience and Research Experience
- Roles and Responsibilities in Department and College level
- Research Publication, proposals sent and papers presented.
- Completion of Online course like Swayam, NPTEL, Coursera, etc.,
- Membership in professional bodies

- Result analysis of the class handled
- Guideship and research guidance

## Welfare Measures for Teaching & Non-Teaching Faculty Members

### Monetary Welfare Measures



### General Welfare Measures





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Upload Additional information	<a href="#">View Document</a>
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**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:** 35.97

**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
114	64	28	27	8

<b>File Description</b>	<b>Document</b>
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Institutional data in the prescribed format	<a href="#">View Document</a>

**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:** 68.08

**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
152	135	138	0	42

**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
8	8	0	0	0

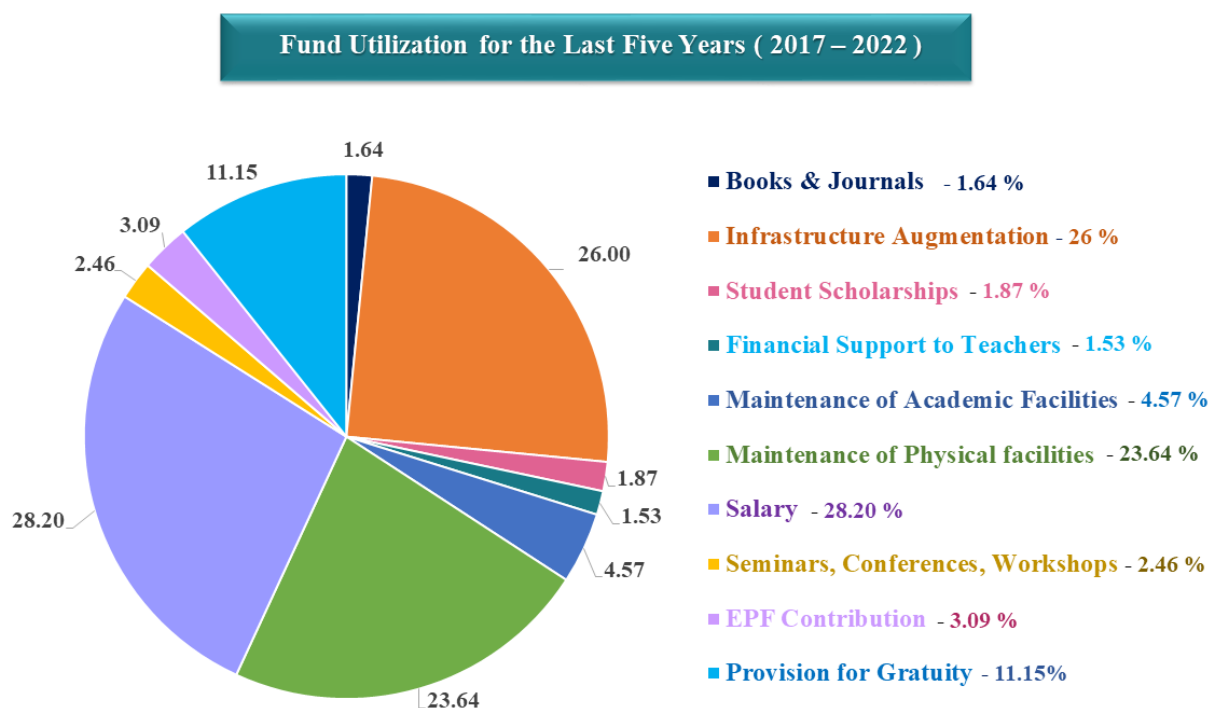
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Institutional data in the prescribed format	<a href="#">View Document</a>

## 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:

Institution maintains and follows a well-planned process for the mobilization of funds and resources. The process involves various committees of the institution as well as the department heads and accounts office. There are specific rules and regulations for mobilization and utilization of resources.



### Sources of Funds

- The management is the major provider of the funds for creating physical, academic and human infrastructure through the Trust.

- Student tuition fee is the second major source of income for the institution.
- To conduct events like seminars , workshops and training programmes funds are mobilized from DST, TNSCST, ICSSR in which case, the management sanctions 25% or need based contribution in addition.
- Contribution by alumni.

## **Procedure**

- Before the financial year begins, the budget for the college is prepared
- The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs.
- The budget includes planned expenses such as lab equipment purchases, furniture, books and other development expenses as well as non-planned expenses.
- The budget is scrutinized and approved by the top management and the College Committee
- A centralized facility department has been constituted to facilitate the creation / purchase and optimum utilization of resources for various recurring and non-recurring needs.
- The requirements are received from the departments approved and sent to the facility department for purchase.
- The purchase committee in the facility, seeks quotations from vendors for the purchase of equipment, computers, books, etc.
- The quotations are scrutinized before a final decision is made based on parameters like price, quality, terms of service, etc.
- The principal, finance head and facility head along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

## **Strategy for Optimum Utilization of Resources**

- Development, renovation and maintenance of academic infrastructure including laboratories / equipment / classrooms / furniture / ICT facilities / Library.
- Campus maintenance on a day to day basis as well as creation of a green and environment friendly campus including renewable energy.
- Encouragement to teachers to publish and submit proposals with the support of seed money.
- Sanctioning of travel grants for presenting research papers and attending National or International Conferences, depending on availability of funds.
- Auditing the financial statements .
- Promoting Research, Development, Consultancy and such other activities, involving the faculty at various levels.
- Effective utilization of academic infrastructure is ensured through the appointment of adequate and well-qualified lab technicians & system administrators through the ICT department.
- Optimum use of available physical infrastructure beyond regular college hours, to conduct remedial classes, co-curricular activities/extra-curricular activities and value added courses.
- Functioning of Library beyond the college hours for the benefit of students, faculty and alumni.
- Ensuring optimum use of infrastructure by allocating the same for various purposes based on the requests received from various HoDs. The sports ground and hostel services are shared with engineering students to optimize their use.

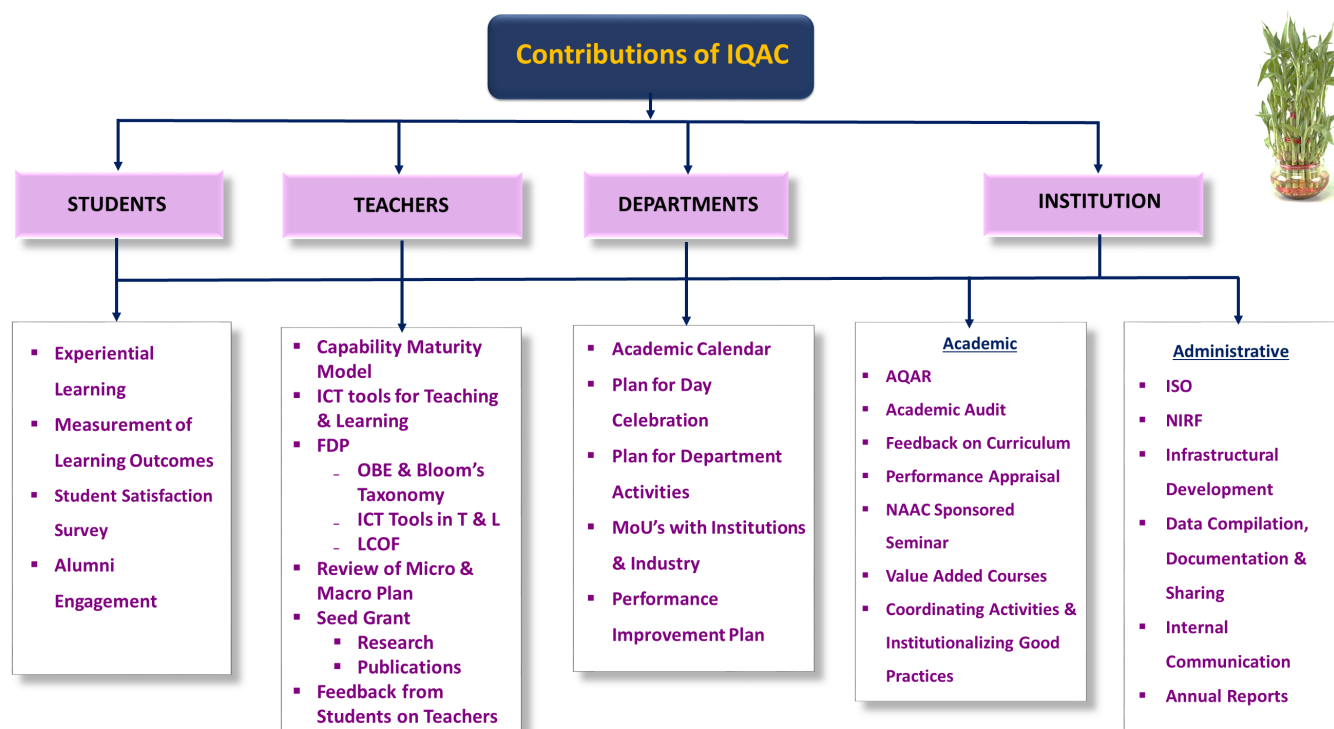
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## 6.5 Internal Quality Assurance System

**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:**

**Significant Contributions of IQAC**



Strategy	Recommended by	Process Initiated	Outcome
<b>For the Students</b>			
Experiential learning	Stakeholders	<ul style="list-style-type: none"> <li>• Field work and internships through industrial linkage</li> <li>• Mandatory projects for final year students</li> <li>• Guided projects in COURSERA</li> <li>• Hands-on trainings in recent technologies</li> </ul>	<ul style="list-style-type: none"> <li>• 82% of students benefited</li> <li>• 03 projects funded by TNSCST</li> <li>• Awards and cash prizes in National and International Hackthons</li> <li>• 'Band B' institution in ARIIA &amp; five stars in IIC</li> </ul>
Structured feedback	Peer team	<ul style="list-style-type: none"> <li>• Feedback obtained, analysed               <ul style="list-style-type: none"> <li>- curriculum (OBE)</li> <li>- ambience</li> <li>- quality of teaching</li> </ul> </li> <li>• Annual satisfaction survey</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback on curriculum forwarded to University for revision</li> <li>• Value Added courses offered</li> <li>• Few topics given as enhancement topics(website)</li> <li>• 90% students and teachers satisfied</li> </ul>
Learning outcome to be evaluated	Peer team	<ul style="list-style-type: none"> <li>• POs &amp; COs are discussed</li> <li>• FDPs organized</li> <li>• Question bank based on Bloom's taxonomy</li> </ul>	<ul style="list-style-type: none"> <li>• COs measured</li> <li>• Mapping and attainments of POs &amp; COs completed</li> <li>• 13% improvements in placements.</li> </ul>

For the teachers			
Integration of ICT in TLE	Peer team	<ul style="list-style-type: none"> <li>Hands - on training on ICT Tools</li> <li>Peer demonstration of ICT tools</li> <li>Official email id for teacher and taught.</li> <li>On line evaluation through e-campus</li> <li>CMM for online classes</li> </ul>	<ul style="list-style-type: none"> <li>Short educational videos in e-campus</li> <li>Use of Google classroom, Google meet, Edmodo, kahoot, quizziz etc in T&amp;L</li> <li>Enhanced internet connectivity to 100 Mbps</li> <li>Dedicated Moodle server for Online Internal Assessment</li> <li>Online evaluation of learning outcome.</li> </ul>
Plans for improvement of Performance (PIP)	Administration	<ul style="list-style-type: none"> <li>FDP on PIP</li> <li>Implemented by 14 departments</li> <li>NAAC sponsored FDP – Learning Course Outcome Framework (LOCF) (total of 39 FDPs in all)</li> </ul>	<ul style="list-style-type: none"> <li>Improvement in academic performance, placement, publication, online certification (Report website)</li> <li>Beneficiaries (313)</li> <li>Publication of proceedings (35 papers)</li> </ul>
Financial support to teachers	Teachers	<ul style="list-style-type: none"> <li>Policy for financial support</li> <li>Seed money for research, publication and participation in FDPs with eligible support</li> </ul>	<ul style="list-style-type: none"> <li>433 papers in journals, 122 books, 369 papers in conference proceedings, published 06 Patents and obtained 14 copy rights.</li> <li>88% attended FDPs 36.3% got financial support</li> <li>Teachers received seed grants 03 for research and 05 for publication in Scopus journals(Rs.1,90,000)</li> </ul>
For the non-teaching staff			
Training to non-teaching staff  Performance appraisal	Peer team	<ul style="list-style-type: none"> <li>07 Training programmes               <ul style="list-style-type: none"> <li>- Role and Responsibilities(NAAC)</li> <li>- Rules and regulation (UGC University)</li> <li>- Written and Oral Communication</li> <li>- use of Google Sheets and Microsoft Office</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Data collection and sharing, file maintenance made easy and quick</li> <li>Salary revised based on performance</li> </ul>

For the institution			
Library to be updated and book bank to be created	Peer team	<ul style="list-style-type: none"> <li>• Book banks created</li> <li>• Digital library</li> <li>• Identified books for purchase</li> </ul>	<ul style="list-style-type: none"> <li>• 3000 books in the book bank</li> <li>• Rs.10,95,415 is spent for purchase of new books and magazines</li> <li>• Increased computers from 03 to 10.</li> <li>• Membership on IEEE, Delnet, Inlibnet and DLine</li> <li>• Placed in Top 10 College users by N-LIST</li> <li>• Per day foot fall 10.2%</li> </ul>
Quality enhancement in academics and administration	Administration	<ul style="list-style-type: none"> <li>• Annual internal academic audit, ISO audit</li> <li>• 02 external academic audits</li> <li>• Energy and environment audit</li> </ul>	<ul style="list-style-type: none"> <li>• Implemented 60% of the recommendations</li> <li>• Upgraded into ISO 9001:2015 Standards</li> <li>• Environment and energy initiatives are certified as <b>Sustainable</b> and <b>Excellent</b> by External Auditors</li> </ul>

File Description	Document
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#### 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
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## Criterion 7 - Institutional Values and Best Practices

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### 7.1 Institutional Values and Social Responsibilities

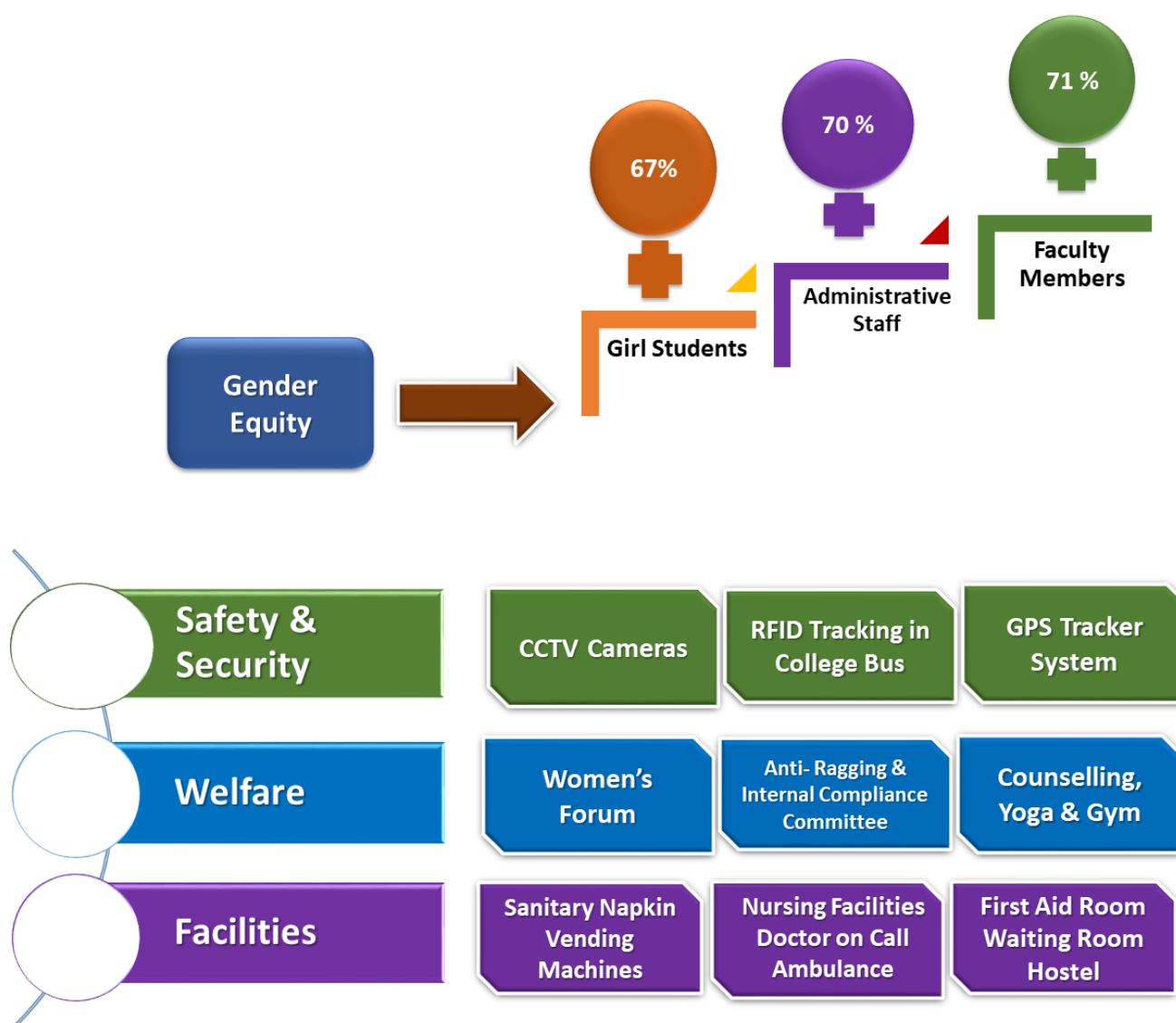
**7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years**

**Response:**

KGCAS has been providing an enabling environment to a diverse young population to acquire knowledge, skills and attitude. with discipline, dignity, and devotion along with freedom of thought and action, to make every student a responsible global citizen.

67% of the students, 71% of the faculty, and over 70% of the administrative staff of KGCAS are women and the college provides a safe, conducive academic and work environment to students, faculty and staff.

## Gender Equity & Safety



### Safety and Security

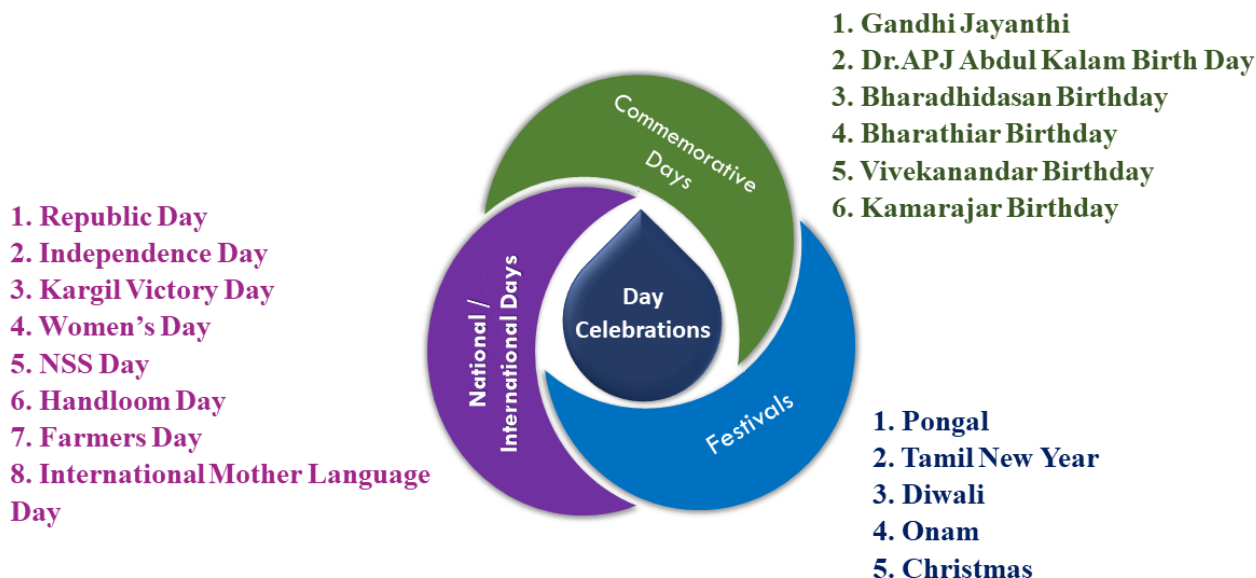
54 surveillance cameras strategically placed, 10 security personnel on duty provide round the clock security. Biometric attendance further ensures safety. Transport is provided for commuting with at most security. Training programmes on self-defence and premarital guidance is given to girl students. Training On usage of **Kavalan – SoS mobile app**, the Tamil Nadu State Police Master Control Room initiative for instantaneous police assistance proves beneficial for all. Sensitization programmes on safety and security, personal issues, health and hygiene, and nutrition needs are periodically organised. Role play and webinars on Gender equity, legal rights for women, cyber safety for women, digital literacy , women wellness are conducted regularly by Women Forum.

### Physical and Mental Well Being

Counselling given by the professional psychologists ensures mental wellbeing of the students and

teachers. Yoga training and regular health care programmes are offered by professionals. Common room and medical emergency room is allocated in case of ailment. For any medical emergency, the services of KG Hospital are availed. Facilities like napkin vending machine, gymnasium, ATM and cafeteria are available.

## Institutional Initiatives to Celebrate the Days



- **International Women's day** is celebrated on **8th March** to honor the political, cultural and socio economic achievements of women. Since 2019 we conduct International Women's Day by honoring outstanding women in different walks of life with awards in the name of our Founder, **Smt. Divyalakshmi**.
- **28th February** is a day to mark the discovery of the Raman Effect by Indian physicist Sir C. V. Raman and the day is celebrated as **National Science Day** by conducting competitions and exhibitions.
- **World Forest Day** is celebrated on **March 21st** to show the importance of forests.
- To promote the habit of reading, writing and publishing, **World Book Day** on **23rd April** is celebrated by donating books.
- To recognise the contribution of the chartered accountants in nation building, **Chartered Accountants Day** is celebrated on **July 1st**.
- On **July 26**, **Kargil Victory Day** is observed. As a mark of respect for the sacrifice made by our soldiers in Kargil war
- To honor the handloom-weaving community and their contribution, **National Handlooms Day** is celebrated on **7th August**.
- **KisanDiwas** is solemnized on **23rd December** in the honor of the farmers.

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### 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	<a href="#">View Document</a>

### 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

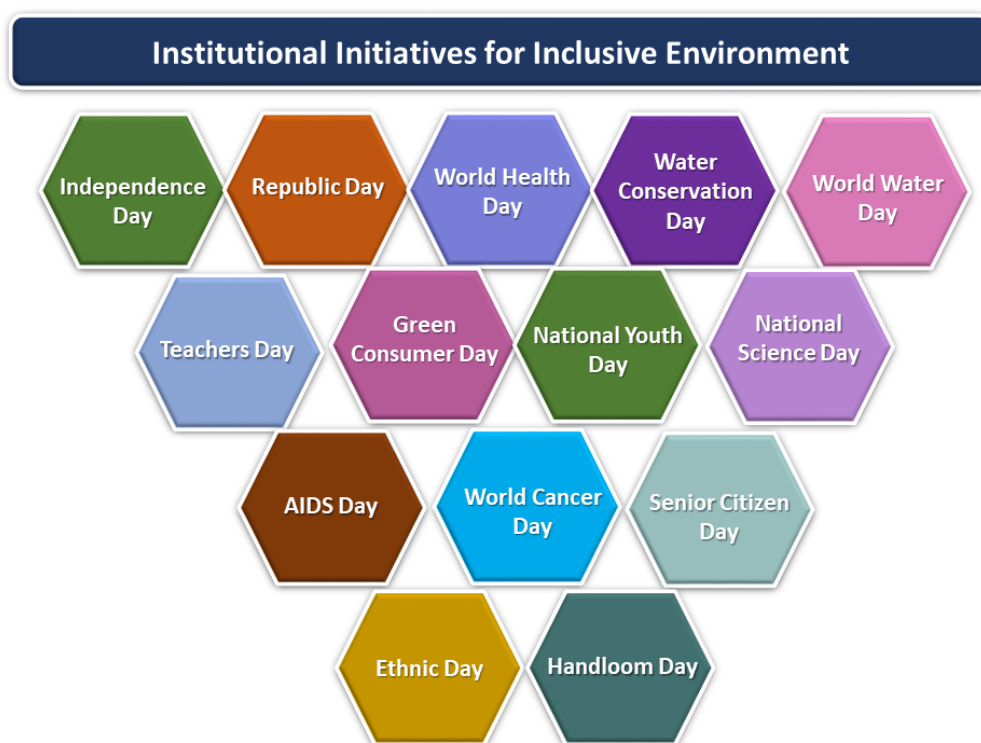
**Response:** A. All of the above

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

**Response:**

We start the day with a prayer and thought for the day and values for the week in order to inculcate a strong value system in the students. The induction programme gives an opportunity to students to break the ice and overcome regional, social and cultural differences among them. Management and alumni association support students from socio-economically disadvantaged backgrounds with fee concessions, fee waivers and free ships besides the scholarships given by the Government.



- The college takes utmost care to celebrate the **Republic Day (on 26th January)** and **Independence day (on 15th August)** every year with march-past, flag hoisting and cultural events.
- **World Environment Day** is celebrated on **June 5th** for raising awareness on the problems the world is facing due to air pollution, plastic pollution, global warming and sea level increase.
- **Teacher's day** is celebrated on **September 5th**, by the students and the faculty. Students organize functions and greet teachers to celebrate the birthday of Dr.Sarvepalli Radhakrishnan.
- **Constitution day** is celebrated on **November 26th** to commemorate the adoption of the Constitution of India.
- Teachers and students celebrate all major festivals like **Pongal, Deepavali, Onam, Christmas** etc.
- **Ethnic day on June 19th & Handloom Day on August 7th** are celebrated to appreciate cultural differences and support handloom weavers.
- **International Yoga Day** is celebrated on **June 21st** for health and well-being.
- **World Social Justice day** is conducted on **20th February** to raise voice against social injustice.
- The birth anniversary of the great Indian Philosopher, and social reformer, **Swami Vivekananda** is celebrated as **YuvaDiwas**, on **August 12**.
- **December 11th**, is celebrated as **Bharathiyar Day**, in memory of national poet of Tamil Literature,
- **15th July**, the birthday of Late Chief Minister **K.Kamaraj** is celebrated as **Educational Development Day**.
- Every year on **October 2nd** the college celebrates **Gandhi Jayanti**, the birthday of the father of our nation.
- **Senior Citizen Day** is celebrated on **August 21st** by visiting home for senior citizens and sharing sweets and happiness with them. Under outreach program every department visit orphanages, old age homes, government schools, to distribute sweets, food, face masks, sanitizers, pencils and notebooks , dress materials etc.

Awareness programmes about social evils, morality, behavior and conduct, ethics, human rights and human values are imparted by conducting webinars/competitions/quizzes. Ethnic food culture is

appreciated through food expos and interdepartmental competitions with a specific concept like *Food without Fire*. Regional languages Malayalam and Hindi are offered as optional languages. Foreign language learning, French is offered as well as encouraged. English proficiency is improved through British English Council (BEC) certificate courses.

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## 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 I

**Title:** eCampus - Education Hub

#### Objectives:

- To facilitate teaching and learning and evaluation through digital platforms.
- To implement E-Governance in student support and campus management systems.
- To improve efficiency by, documenting, sharing and retrieving data to promote paperless office.

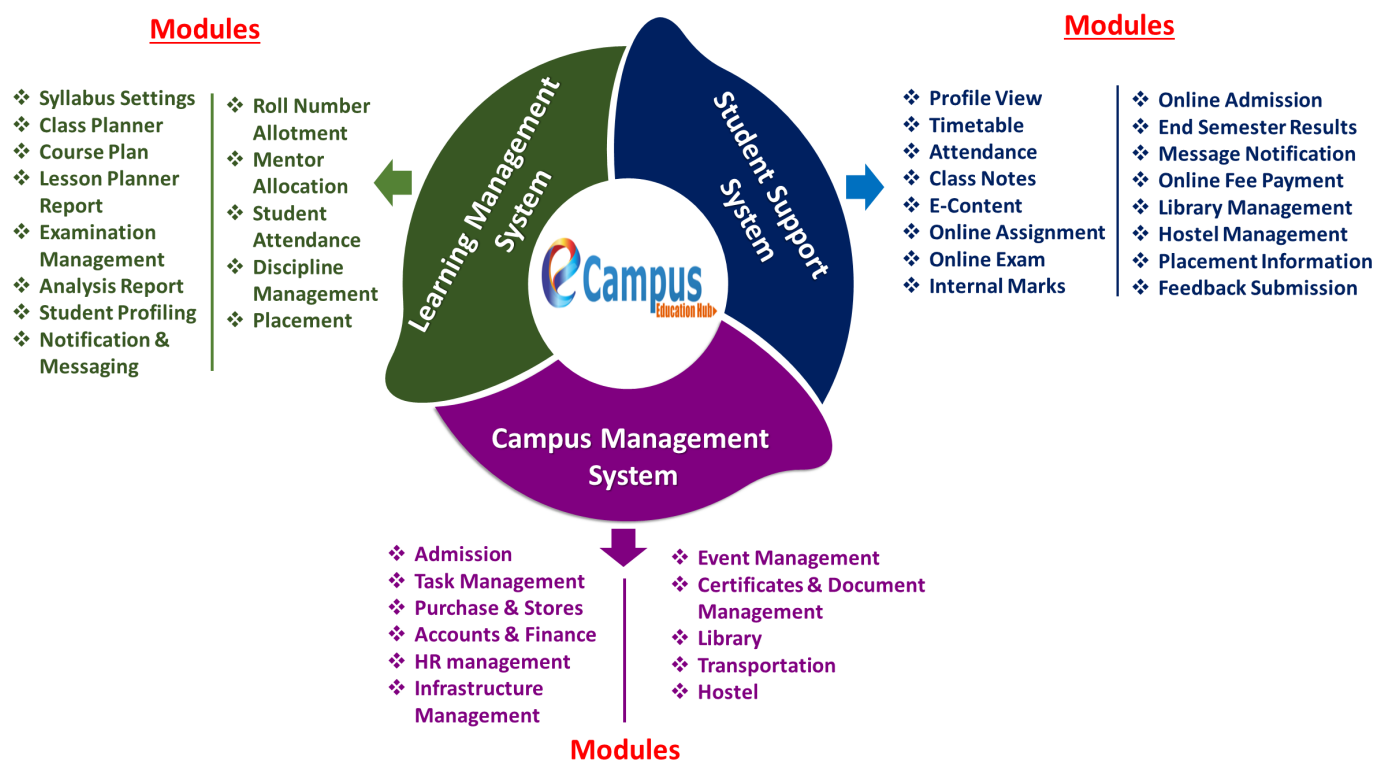
#### The Context:

21st century calls for blended learning beyond chalk and talk for which digital platform is important. Today educational institutions have become highly complex involving range of activities apart from delivery education. The student support and campus management have become very tedious and complex as well. It is high time to find solution to improve the overall system and maintain a competitive edge. eCampus is a comprehensive management system that operates in three verticles to ensure the academic and administrative excellence and monitor the student progress with less paper use but more efficient. In this direction the college has established a standardized automatic system across all verticles through eCampus.

#### The Practice:

The eCampus has been established in the year 2008 with an intention of managing the admission, fee

payment and attendance of students and teachers. Subsequently developed a system to maintain, share and retrieve academic information regarding teaching, learning and evaluation. Authenticated users have access to the system and authorized users are permitted to enter and modify data. Currently the eCampus is used in three verticals like **Learning Management System, Student Support System and Campus Management System** encompassing all the modules of ecampus management system. All the activities to support the entry of relevant information is done faithfully on time by the Department/ office concern



#### Evidence of Success:

- Time is saved because of the readiness of the required data at all the time.
- The linking of all the three verticals in eCampus eliminates repeated data entry and avoids redundant data resulting in accuracy of data and saving of effort
- Access to information related to activities for far and near.
- Management is able to get the data on all activities of the college on real time basis from anywhere which helps in decision making process
- Manage class information and analytical reports
- Complete attendance automation
- Complete automated marks / grade management system
- Keep up-to-date on ward's academic performance, attendance, fees via automated SMS
- Measurement of Course Outcomes and Programme Outcomes are generated automatically
- Feedback on teachers, syllabus, curriculum and amenities can be obtained, analyzed and report can be generated quickly.
- Lesson notes and e-content available to the students and short videos on important topics for the slow learners
- Access to library transactions.
- Placement officer can easily filter the eligible students for the placement drive and placement

records are generated automatically. The placement information is available to all the stakeholders.

- Communication sent at all levels through eCampus and digital maintenance of data and documents has reduced the use of paper drastically.

#### **Resources required:**

- Sophisticated server is required to store and maintain the data.
- Provision must be given in each department for entering data after the classwork.
- The students those are not having laptops required additional lab hours to submit assignment in eCampus.
- The required resources are immediately provided by the management to enable the stakeholders to utilize the system effectively.

#### **Problems encountered:**

- Student and faculty personal information need to be entered in server.
- Faculty should enter the data regularly after the class.
- New faculty members require orientation to understand the working environment of eCampus.
- Initial level data entry is time consuming in eCampus.

Initially, it took some time to make the faculty members, staff and students to adapt and utilize the system for the benefit of better functioning. Later, they realized the advantage and started using it without any problem.

#### **Best Practice 2**

**Title of the Practice:** Fostering Community Responsibility and Social Bonding through Community Service.

#### **Objective of the Practice:**

To impart values to students and upgrade their personality and experience through community service by creating opportunity to work with underprivileged sections of the society.

#### **The Context:**

Tolerance, cross-cultural outlook, and social awareness are corollaries of total personality development. There are many areas of community needs where the participation of students would develop leadership qualities among the youth. Women education and awareness campaigning on health and sanitary conditions are a few to mention. There is a need to design these activities in such a way as to foster all-round development of students for empowerment and leadership with the sense of social bonding and community service.

#### **The Practice:**

The practice consists of enhancing knowledge of values with the involvement of students teachers and the institution through the exposure to realities of the world to generate motivation for service. Field experience through visits to orphanages, old age homes, schools of differently abled, corporation schools,



tree plantations participation in rallies and campaigns are integral to the practice. Students from different streams are encouraged to study the problems, which appeal to them and then attempt to find necessary solutions. All the outreach and extension activities are carried out at A) individual level B) at department level as association and club activities C) through NSS, YRC, RRC, (totally 132 activities were conducted during the assessment period) D) at the institutional level. Under outreach program every department visit orphanages, old age homes, government schools to distribute sweets food face masks, sanitizers, pencils notebooks etc.

Individual	Dept. /Associations & Clubs	NSS/YRC/RRC	Institutional
<ul style="list-style-type: none"> <li>• Donated to school children</li> <li>- Books</li> <li>- Dresses</li> <li>- Food</li> <li>- Face masks</li> <li>- Stationary (25 Schools)</li> </ul>	<ul style="list-style-type: none"> <li>• Donated food to orphanages and old age homes</li> <li><b>Number visited – 26</b></li> <li>• Literacy to school children</li> <li><b>No. of activities – 14</b></li> <li>• Distributed tree Saplings - <b>4850</b></li> </ul>	<ul style="list-style-type: none"> <li>• Blood donation - 09 camps, <b>957 units of blood</b></li> <li>• Awareness Rallies - <b>12</b></li> <li>• Special camps in adopted villages - <b>03</b></li> <li>• School campus cleaning - <b>03</b></li> <li>• Tree plantation - <b>5000 Saplings</b></li> <li>• Lake cleaning - <b>03</b></li> <li>• Awareness campaigns - <b>20</b></li> <li>• Competitions - <b>05</b></li> </ul>	<ul style="list-style-type: none"> <li>• Donation to Chief Ministers Fund (Trust)</li> <li><b>Rs. 1 Crore</b></li> <li>• Oxygen busses to Govt. hospital during covid</li> <li><b>02 Buses</b></li> <li>• Annadhana, Food for deserving during covid - <b>30,000</b></li> <li>• Covid vaccination camps - <b>1,60,000</b></li> <li>• Infrastructural needs and Psychological counselling - <b>03 School</b></li> <li>• Dresses to school children - <b>374</b></li> <li>• NEET Coaching with free food, accommodation and educational materials to Government school students from 13/06/2022 to 13/07/2022 - <b>70</b></li> </ul>
<ul style="list-style-type: none"> <li>• No. of extension and outreach activities - <b>132</b></li> <li>• No. of students sensitized - <b>13,314</b></li> <li>• No. of awards and recognition - <b>23</b></li> </ul>			

### Evidence of Success

Students have become aware of the condition of the downtrodden. They have become compassionate, understanding and supportive to the disadvantaged groups of the society. Bonding with the society got expressed at all levels starting from individual to institutional. The response of those who got benefited from these programmes is very positive and encouraging. Alumni Association wishes to continue their financial support to deserving students.

### Resources

The programmes are jointly organised by the Management, willing teachers, staff and students. The alumni, faculty and the employees have always been generous enough to lend their support.

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

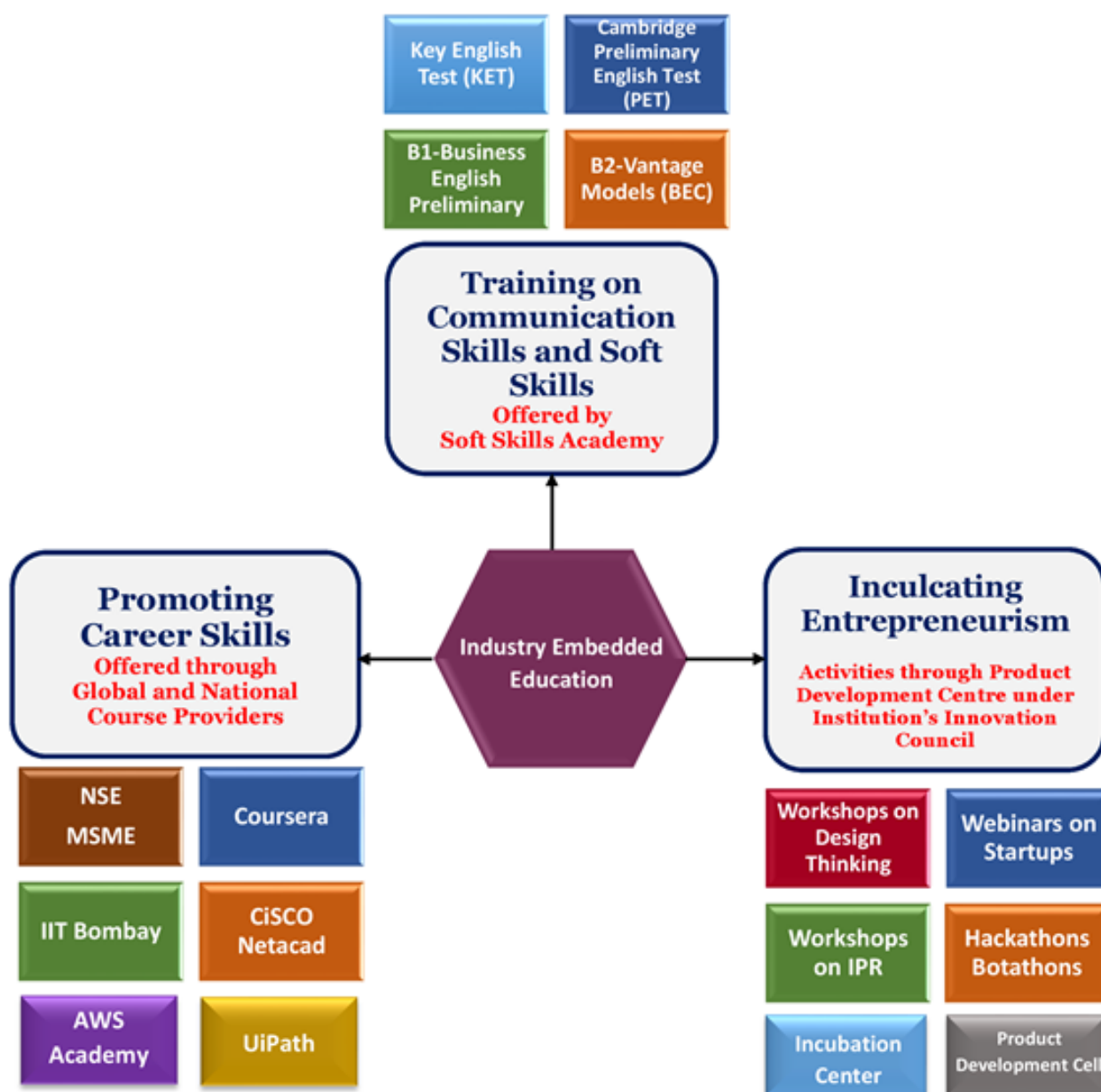
#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

**Response:**

##### **Vision**

***To be accepted as the #1 Arts and Science College by the Stakeholders for Delivering Graduates with the Maximum Industry Orientation.***

KG College of Arts and Science (KGCAS) is one of the leading colleges that combines academia and industry. It is situated inside the KGiSL campus, the heart of Information Technology and shares space with IT industry giants. This strategic location of the college with easy accessibility to the industrial habitat renders KGCAS its unique distinctiveness of a strong and robust industrial connection bridging the skill gap with industry requirement and translating the core concept of the institution that serves the theme – **Industry Embedded Education.**



## 1. Training on Communication & Soft Skills

To transform the students to be competent in career as well as life skills, minimum thirty hours sessions based organic development of skills are offered through Soft Skills Academy (SSA) as add-on certificate courses for all, along with mandatory placement training to ace interviews and hone skills required for industries. By gauging English proficiency levels through placement tests, students are categorized into Excellent, Proficient, Ideal and Capable (EPIC) categories. Roughly ten per cent of the students aspire for global certification by improving their language proficiency is further trained for

Cambridge Assessment English Examinations such as Key English Test (KET), Cambridge Preliminary English Test (PET) and Cambridge B1 Business English Preliminary & B2 Vantage (BEC) models to match the requirements of the industry.

## 2. Promoting Career Skills

KGCAS is one of the first institutions to provide need-based, industry-relevant and society-driven certificate courses of minimum 30 hours duration through our professional membership with CISCO Net Academy, AWS Academy and Ui Path Academy having our teachers as mentors. The course completion certificate enables the students to go for global certification. We have created a platform for experiential learning in AI & ML and Robotic Automation Process (RPA) through AWS Academic alliance and Ui Path Academic Alliance. With RPA Community KGCASian is recognized as one among the 82 international student champions. MoUs with Maya Academy, NSE, MSME and IB HuB support learning in leading technologies. Through COURSERA and IIT Bombay Spoken Tutorial, bouquets of value added certificate courses are offered with personalized learning pathways benefiting the aspiring students of the last mile connectivity for high profile elite jobs.

## 3. Inculcating Entrepreneurism

The Institution's Innovation Council (IIC) conducts events in Entrepreneurship Programs, IPR Related Activities, Start-up Activities, Innovation Related Programs and Technical Skill Enhancement activities. In 2018, Product Development Centre (PDC) as Pre incubation centre was created to inculcate the sense of designing process as Proof of Concept to promote Entrepreneurism. Workshops on Design/Critical thinking, Entrepreneurship, Start-up webinars, Entrepreneurial Cognizance and hands-on training are conducted to enhance the mental preparedness and skills required for national coding challenges spanning 48-56 hours. **Entrepreneurship Development Cell (EDC)** conducted workshops on Entrepreneurship and Boot Camp with Anna University and received Rs.10000 from the hub. Creative Ideas Club has conducted 09 activities, the Technical Club conducted 04 activities. Three Entrepreneurship Awareness Camps were conducted with the funds received from DST – NIMAT. AGILE Incubation Centre (AIC) is created in 2022 in 6000 Sq. Ft to encourage start-ups to promote both Business Enterprises and Tech Enterprises.

## Outcome

- KGCAS has established an active presence in the Hackathon and Botathon events since 2018. In Coimbatore Innovation and Incubation Center - FORGE Accelerator Hackathon, our team got a scholarship to pursue PROTOSEM Diploma course worth Rs.65,000 at FORGE in 2018.
- In TiE Coimbatore funding Carnival our team received Rs.30000/- per month for one year to proceed with their startup.
- KGCAS students participated in the national Innovation Contest, Toycathon event and won the title with a cash award of Rs 25,000 in the Grand Finale conducted at Greater Noida, New Delhi on 25/05/2022.
- Tata Crucible Hackathon at Christ University, Bengaluru - three teams participated.
- Published 06 Patents and obtained 14 copyrights
- Won 3rd position in the Regional Youth Talk organised by ICT Academy
- 03 student's Projects were selected for funding from TNSCST
- Received CISCO Net academy Membership.
- 50 women self-help group members were trained by professional trainers with materials in creating

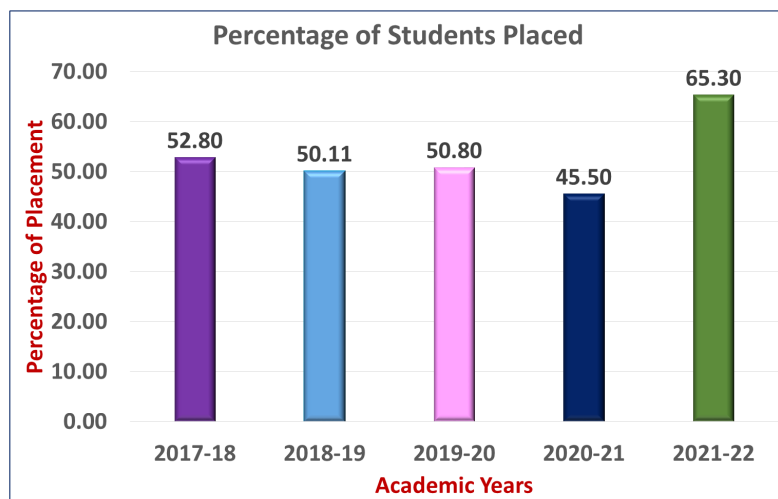
wealth from biodegradable waste to improve their livelihood for which we have received Rs 50,000 from TNSCST.

- **Submitted 100 + projects for hackathon, one team succeeded in setting a start-up.**
- The institution is recognized as 'Band B' Institution (Rank between 26 – 50) in the category of Private Self-Financed College in Atal Ranking of Institutions on Innovation Achievements (ARIIA) with "Best Performer" status
- Institution's Innovation Council (IIC) on Annual performance rating our institution got five stars in 2019 and four star rating in 2020
- Completed KAPILA registration.
- In the year 2021 we initiated two tech communities, 1) Ui Path RPA Community, 2) AWS DeepRacer Community
- In the Student Champion contest, conducted by UiPath, our student got selected as champion, one among the 82 across the world.
- In RPA Tools hackathon conducted at national level one student got placed.
- In the Blockchain hackathon conducted by Binance, two of our students won at national level with a cash award of 500 USD & Rs 5000 cash.
- In Smart India Hackathon conducted by the MHRD our team got selected for the finals
- In the Teckathon conducted by Honeywell & ICT Academy, our student got second place.
- AWS DeepRacer Community with three months training established Physical Setup, launched Physical Track for autonomous car in the campus. Gave an **Online Course** in "**Fun Way to Learn Machine Learning**" to the 513 registered participants across the state and conducted DeepRacer League. 23 teams made demonstrations.
- Through AGILE Incubation Centre (AIC) created co working space for the tech start-up named *Nunnarivu Labs Pvt. Ltd. (micro knowledge)*

#### **Under IIC initiative**

- No. of Innovation submitted by students : 23
- No. of Innovation identified above Technology Readiness Level - 4 (TRL) : 08
- No. of projects submitted : 09
- No. of Innovation received grants and recognized : 03 (Self Supportive)

## Evidence of Success – Placement Record



The Maximum and Median Salary of KGCAS Placements (Last Five Years)		
Academic Year	Maximum Salary (Per Annum in Lakhs)	Minimum Salary (Per Annum in Lakhs)
2021	7.21	3.00
2020	3.82	2.00
2019	3.82	2.00
2018	3.00	1.85
2017	3.00	1.85

### Top Recruiters



File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

- Value added certificate courses and mandatory placement training are given to students to make them ready for high profile jobs.
- Bouquets of courses are offered in different verticals to give real academic flexibility.
- Project work and field work made mandatory to impart experiential learning.
- Signed MoUs with industries and institutions for skill enhancement.
- COs attainment is calculated and COs, POs are mapped to measure the learning outcomes.
- Implementation of systematic Performance Improvement Plan by all the departments resulting incremental Improvements.
- Take ownership for the implementation of eCampus.
- Framed research policy with seed grants to nurture the research culture among teachers.
- Supplementing more than 70% of energy requirement by off campus solar energy, together with green and clean environment makes the campus eco-friendly.
- Normalised salary package for teachers based on their experience and qualification.

### Concluding Remarks :

KG College of Arts and Science (KGCAS) started in the year 2005 is one of the leading colleges in the region that combines academia and industry to provide quality education at the undergraduate level, focusing primarily on meeting the talent requirements of the domestic and global IT and IT-enabled service providers. The infrastructure available in the institution for the pursuit of IT and ITES education is unparalleled. Choosing the right institution for the future will depend on the proximity of such institutions with the industry. KGCAS an Institution sponsored by KG Information Systems Private Limited, is the perfect match to an Industry-Institute learning environment. The institution has distinct advantage of being associated with the giant of software industry KGiSL. KGCAS is one of the first institutions to provide training in Robotic Process Automation for school and college students to enhance coding skills through the national partner UiPath pioneer in RPA in India. Exclusive training and workshops in leading technologies such as AI, ML, IoT and web-based applications are given to the students. KGCAS has established active presence in the hackathon since 2018 participating and conducting national challenges. The quality of education is carefully cradled by providing value added courses with industrial partners. In accordance to vision of the institution the students are encouraged to participate and organize academic, co-curricular and extracurricular activities relevant to latest trends and technologies which are conducted through clubs and association of each and every department in the college. Student's leadership and organizing skills are nurtured through conducting inter departmental and collegiate activities like quiz, code debugging, presentations and competitions. Societal and community needs are observed by the students by organizing many outreach programmes. Conducting and organizing these programmes provide exposure to the students making them to realize that their small contribution leads to a big difference in the community. KGCAS one of the leading colleges with high placement record in leading companies.

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
5.2.2	<p><b>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)</b></p> <p><i>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</i></p> <p>Answer before DVV Verification:</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>58</td><td>06</td><td>374</td><td>0</td><td>01</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>58</td><td>06</td><td>264</td><td>0</td><td>01</td></tr></table> <p><b>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</b></p> <p>Answer before DVV Verification:</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>65</td><td>08</td><td>374</td><td>0</td><td>01</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>62</td><td>08</td><td>274</td><td>0</td><td>01</td></tr></table> <p>Remark : Revised DVV input as per attached documents and HEI input by HEI. Note: Students qualifying multiple examination will be counted as one within same year</p>	2021-22	2020-21	2019-20	2018-19	2017-18	58	06	374	0	01	2021-22	2020-21	2019-20	2018-19	2017-18	58	06	264	0	01	2021-22	2020-21	2019-20	2018-19	2017-18	65	08	374	0	01	2021-22	2020-21	2019-20	2018-19	2017-18	62	08	274	0	01
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5.3.1	<p><b>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</b></p> <p><i>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</i></p> <p>Answer before DVV Verification:</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr></table>	2021-22	2020-21	2019-20	2018-19	2017-18																																			
2021-22	2020-21	2019-20	2018-19	2017-18																																					



48	6	50	25	19
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Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
30	4	22	6	11

Remark : Revised DVV input as per supporting documents provided by HEI in response to DVV clarifications

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)**

**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
83	34	68	50	49

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
56	31	46	33	40

Remark : DVV input as per supporting documents attached by HEI in response to clarification asked. Note: Events held on the same day to be considered as one only

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**

**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
152	135	146	113	111

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
152	135	138	0	42

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
11	9	8	8	8

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
8	8	0	0	0

Remark : Revised data as per supporting documents provided by HEI. One teachers participated in multiple course during same year will be taken as one

## 2.Extended Profile Deviations

Extended Profile Deviations
No Deviations